

## Issues

| #    | Project                      | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|------------------------------|---------|---------|----------|---|----------|---------------------|---|
| 2807 | Z-Netz                       | Bug     | Stalled | Normal   | Obtain ZERBERUS software build[s] and manual[s]                               | laforge  | 01/01/2020 01:51 PM |   |
| 5419 | SIMtrace 2                   | Bug     | Stalled | High     | cardem errors with higher baud rate   | laforge  | 11/07/2022 06:22 PM |   |
| 1912 | SIMtrace 2                   | Feature | Stalled | Low      | do proper re-layout of the board  | mschramm | 10/20/2020 08:39 AM | Related to #4118  |
| 3379 | SIMtrace 2                   | Bug     | Stalled | High     | documentation on how to use SIMtrace2   | laforge  | 11/14/2022 05:31 PM | Related to #3379  |
| 5276 | SIMtrace 2                   | Feature | Stalled | Normal   | jenkins CI integration like for osmo-ccid-firmware                            | roh      | 11/14/2022 05:24 PM | Related to #5422  |
| 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  |
| 1705 | SIMtrace 2                   | Bug     | Stalled | High     | re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S)      | laforge  | 04/06/2021 01:19 AM | Related to #1705,Related to #3379                                   |
| 5826 | SIMtrace 2                   | Feature | Stalled | Normal   | SAM4S4BA support in firmware  | laforge  | 01/31/2023 08:06 PM | Related to #5826  |
| 5892 | SDR (Software Defined Radio) | Feature | Stalled | Low      | design/build ext clock input board for PlutoSDR Rev.B                         | laforge  | 10/18/2023 05:23 PM |   |
| 6317 | pySim                        | Bug     | Stalled | Normal   | data driven tests for TLV decoders  | laforge  | 02/15/2024 09:21 PM |   |
| 4383 | pySim                        | Bug     | Stalled | High     | Jenkins build verification is non-deterministic                               | dexter   | 04/06/2021 04:58 PM | Related to #4384,Related to #5127                                   |
| 4384 | pySim                        | Feature | Stalled | Normal   | Jenkins program-read verification on daily (or weekly) basis                  | dexter   | 03/27/2023 04:13 PM | Related to #4384  |
| 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 |   |
| 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 |   |
| 6394 | OsmoUPF                      | Feature | Stalled | Low      | Basic URR (Usage Reporting Rule) support for tunnel mapping                   |          | 03/22/2024 08:08 AM | Related to #6395  |
| 4365 | OsmoTRX                      | Support | Stalled | Normal   | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load        | dexter   | 09/03/2020 10:33 AM | Related to #4366  |
| 3054 | OsmoTRX                      | Feature | Stalled | Normal   | Extended (11-bit) RACH support in OsmoTRX                                     | tnt      | 02/03/2019 11:45 AM | Related to #1854,Related to #3054,Related to #3054,Related to #4006 |
| 3222 | OsmoTRX                      | Bug     | Stalled | Low      | include (tested) example config files for usrp1, uhd/b200 as well as umtrx    | tnt      | 10/20/2018 07:27 PM |   |
| 3341 | OsmoTRX                      | Bug     | Stalled | High     | osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini             |          | 09/30/2020 08:08 PM | Related to #3341,Related to #3861,Blocks #3341                      |

| #    | Project  | Tracker | Status  | Priority | Subject  | Assignee  | Updated             | Related issues   |
|------|----------|---------|---------|----------|--|-----------|---------------------|--|
| 3342 | OsmoTRX  | Bug     | Stalled | Normal   | osmo-trx-lms: low tx output power level  | Hoernchen | 04/06/2022 09:25 AM | Related to #3342,Blocks #3342  |
| 4362 | OsmoTRX  | Feature | Stalled | Normal   | osmo-trx-lms: Support multi-arfcn feature  |           | 09/30/2020 08:09 PM | Related to #4362,Related to #4362  |
| 3775 | OsmoTRX  | Bug     | Stalled | Normal   | properly debug limesdr usb and limesdr mini clocking requirements and osmo-trx support |           | 09/30/2020 08:09 PM | Blocks #3341,Blocks #3342,Blocks #3775   |
| 1655 | OsmoSGSN | Feature | Stalled | Normal   | KPIs for OsmoSGSN  |           | 01/08/2020 10:49 PM | Related to #1652,Related to #1655,Related to #1655                                   |
| 2958 | OsmoSGSN | Bug     | Stalled | Normal   | OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST                         |           | 01/08/2020 10:49 PM | Related to #2958,Related to #4221  |
| 1587 | OsmoSGSN | Feature | Stalled | Normal   | SMS over GPRS support  |           | 11/25/2018 08:14 PM | Related to #3587   |
| 5759 | OsmoSGSN | Feature | Stalled | Normal   | Support for Mobility between SGSN (2G/3G) and S-GW (4G)                                | dexter    | 12/07/2023 12:40 PM | Related to #5759   |
| 1794 | OsmoSGSN | Bug     | Stalled | Normal   | support random IV for GEA (via XID)  |           | 03/01/2018 11:17 PM | Related to #1910,Related to #1672,Related to #2843,Blocks #1794,Blocks #1582         |
| 1768 | OsmoSGSN | Bug     | Stalled | Low      | VTY show llc displays State TLLI Unassigned permanently                                |           | 01/08/2020 10:52 PM |  |
| 1526 | OsmoPCU  | Feature | Stalled | Normal   | Acquire/update timing advance (TA)   | fixeria   | 03/25/2021 12:04 PM | Related to #1545,Related to #1531,Related to #1524,Related to #3472,Related to #2977 |
| 4867 | OsmoPCU  | Bug     | Stalled | Normal   | Cinterion BGS2T failing to attach (no Attach Complete ever sent)                       | pespin    | 11/30/2020 09:48 AM |  |
| 1545 | OsmoPCU  | Feature | Stalled | Normal   | continuous timing advance loop using PTCCCH  | fixeria   | 03/24/2020 09:49 PM | Related to #1545,Related to #4102,Related to #4500,Blocks #1545                      |
| 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 |  |
| 1823 | OsmoPCU  | Feature | Stalled | Low      | Ericsson PCU TRAU frame encoding/decoding  |           | 09/04/2019 09:26 AM | Related to #5198   |

| #    | Project  | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues   |
|------|----------|---------|---------|----------|---|----------|---------------------|--|
| 4452 | OsmoPCU  | Bug     | Stalled | Normal   | manual testing of osmo-pcu  |          | 07/28/2023 02:48 PM |  |
| 3926 | OsmoPCU  | Bug     | Stalled | High     | Missing PCU_Tests.ttcn DL TBF tests   | pespin   | 03/01/2021 11:06 AM |  |
| 3928 | OsmoPCU  | Bug     | Stalled | High     | Missing PCU_Tests.ttcn for various timers / time-outs   | pespin   | 11/15/2021 05:46 PM | Related to #5033   |
| 1831 | OsmoPCU  | Bug     | Stalled | Low      | No handling for padding octets(LI 127) for EGPRS.<br>row 3rd of Table 10.4.14a.1 TS 44.060 version 7.27.0 Release | pespin   | 10/20/2020 08:39 AM |  |
| 1838 | OsmoPCU  | Bug     | Stalled | Normal   | Nokia E52 doest reply to PUAN message properly  |          | 10/29/2017 06:47 PM |  |
| 4947 | OsmoPCU  | Bug     | Stalled | Normal   | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented  | pespin   | 12/22/2022 01:04 PM |  |
| 5696 | OsmoPCU  | Bug     | Stalled | Normal   | RLC/MAC: poll timeout when assigning a multi-slot DL TBF  | fixeria  | 10/05/2022 11:01 AM |  |
| 2400 | OsmoPCU  | Bug     | Stalled | High     | transmit SI13 on PACCH during long TBFs   | fixeria  | 05/12/2020 12:19 PM | Related to #2400,Related to #3472,Related to #4506   |
| 1759 | OsmoPCU  | Bug     | Stalled | High     | Wrong calculation of DL window size for DL assignment   |          | 01/22/2020 04:01 PM | Related to #1533,Related to #1524  |
| 1671 | OsmoNITB | Bug     | Stalled | Low      | Combined 850/1800 NITB not seen by Option Icon2 stick   |          | 03/05/2018 07:35 PM |  |
| 1725 | OsmoNITB | Bug     | Stalled | Low      | iPhone6 network selection issue with GSM1900  |          | 03/05/2018 07:35 PM |  |
| 2851 | OsmoMSC  | Bug     | Stalled | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2  |          | 07/18/2019 05:45 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   |
| 3735 | OsmoMSC  | Bug     | Stalled | Normal   | call arriving during another call has no voice  | neels    | 06/18/2019 09:18 PM |  |
| 1597 | OsmoMSC  | Feature | Stalled | Low      | External interface for USSD   | fixeria  | 11/27/2018 11:08 PM | Related to #1597,Related to #3433  |
| 3620 | OsmoMSC  | Feature | Stalled | Normal   | Implement TTCN-3 testsuite for Inter-MSC HO   | neels    | 09/04/2019 09:08 AM |  |
| 2487 | OsmoMSC  | Feature | Stalled | Normal   | MSC side of LCLS (local call local switching) as per the 3GPP specs   | keith    | 10/17/2022 04:31 AM | Related to #1602,Related to #3659,Related to #3691,Related to #3618,Related to #3294,Related to #5712,Blocks #2487 |
| 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   |

| #    | Project           | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|-------------------|---------|---------|----------|---|----------|---------------------|---|
| 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                        |
| 5568 | OsmoMSC           | Bug     | Stalled | Low      | SMPP socket doesn't use TCP_NODELAY   | osmith   | 10/31/2023 09:36 AM |   |
| 3445 | OsmoMSC           | Feature | Stalled | Normal   | SS/USSD: clean up the local GSM 04.80 API   |          | 12/14/2018 01:57 PM |   |
| 3294 | OsmoMSC           | Bug     | Stalled | High     | transaction: refactor callref allocation  | neels    | 12/16/2019 02:37 PM | Related to #3294, Related to #3294, Related to #4333, Related to #4854      |
| 6136 | OsmoMGW           | Feature | Stalled | Normal   | libosmo-mgcp-client should ignore unknown codecs in SDP   | jolly    | 12/07/2023 06:27 AM | Related to #6136, Related to #6177, Blocks #6136                            |
| 4841 | OsmoMGW           | Feature | Stalled | Low      | TC_e1_crcx_and_dlcx_ep does not pass - move the IPA code out of libosmo-abis                        | dexter   | 10/11/2021 10:10 AM | Related to #4841, Related to #4841  |
| 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  |
| 2542 | OsmoHLR           | Feature | Stalled | Low      | have subscriber create-on-demand  | osmith   | 03/10/2022 03:40 PM | Related to #2541, Related to #5183  |
| 6135 | OsmoHLR           | Feature | Stalled | Normal   | Implement routing of SMS-over-GSUP messages between connected MSC/VLRs and SMSCs                    | falconia | 01/09/2024 01:11 PM | Related to #6312  |
| 3717 | OsmoHLR           | Bug     | Stalled | High     | SS/USSD: fix SS session inactivity timeout  | fixeria  | 12/05/2018 08:45 PM |   |
| 3560 | OsmoGSMTester     | Bug     | Stalled | Normal   | nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing  | pespin   | 09/04/2019 09:16 AM | Related to #3560, Related to #3560, Related to #3628, Is duplicate of #3475 |
| 4542 | OsmoGSMTester     | Bug     | Stalled | Normal   | ofono: crash in drivers/qmimodem/gprs.c:extract_ss_info()   | pespin   | 07/30/2021 10:30 AM |   |
| 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  |
| 2197 | OsmoGSMTester     | Feature | Stalled | Normal   | osmo-gsm-tester: use MNCC interface   |          | 11/30/2017 10:41 AM | Related to #2194, Is duplicate of #2197                                     |
| 2497 | OsmoGSMTester     | Support | Stalled | Normal   | Set up SIM cards with auth algo other than comp128v1  | daniel   | 10/15/2019 11:44 AM | Related to #2475  |
| 3458 | OsmocomBB SDR PHY | Bug     | Stalled | Normal   | apps/grgsm_trx: [ERROR] [STREAMER] rcv packet demuxer unexpected sid 0xxx                           |          | 07/09/2023 07:48 PM | Related to #3692  |

| #    | Project           | Tracker | Status  | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|-------------------|---------|---------|----------|---|----------|---------------------|---|
| 3459 | OsmocomBB SDR PHY | Bug     | Stalled | Normal   | apps/grgsm_trx: AssertionError: packet_info.packet_count == (seq_to_ack & 0xff) |          | 07/09/2023 07:48 PM |   |
| 3423 | OsmocomBB SDR PHY | Feature | Stalled | Normal   | Receiver: hard-coded GSM 05.02 channel configuration                            |          | 07/09/2023 07:45 PM |   |
| 3425 | OsmocomBB SDR PHY | Bug     | Stalled | Normal   | Receiver: missing AGC (Automatic Gain Control)                                  |          | 07/09/2023 07:44 PM |   |
| 3422 | OsmocomBB SDR PHY | Bug     | Stalled | Normal   | Receiver: sample / burst buffering problem                                      |          | 07/09/2023 07:39 PM |   |
| 3424 | OsmocomBB SDR PHY | Feature | Stalled | Normal   | Transceiver: implement automatic TX delay measurement                           |          | 07/09/2023 07:46 PM |   |
| 2409 | OsmocomBB         | Feature | Stalled | High     | Add GPRS support to virt_phy and L1CTL  | fixeria  | 08/19/2022 03:06 PM |   |
| 1627 | OsmocomBB         | Support | Stalled | Low      | DCS_8BIT and DCS_UCS2 encoding supprot  |          | 07/16/2018 06:53 PM |   |
| 1461 | OsmocomBB         | Feature | Stalled | High     | include some version information / negotiation in the L1CTL protocol            | fixeria  | 10/27/2021 10:17 PM | Related to #1461,Related to #5815                                   |
| 3399 | OsmocomBB         | Feature | Stalled | High     | mobile: refactor / finish external MNCC handler implementation                  | fixeria  | 10/04/2018 09:07 PM |   |
| 5501 | OsmocomBB         | Feature | Stalled | Normal   | MS-side GPRS Mobility Management (GMM) + Session Management (SM)                | pespin   | 09/14/2023 04:03 PM | Related to #5501,Related to #5502,Related to #5504,Related to #5505 |
| 5502 | OsmocomBB         | Feature | Stalled | Normal   | MS-side LLC implementation  | pespin   | 09/14/2023 03:59 PM | Related to #5502,Related to #5502                                   |
| 4829 | OsmocomBB         | Bug     | Stalled | High     | OsmocomBB Rx bit errors in dedicated mode                                       | laforge  | 02/06/2021 09:11 AM | Related to #4832  |
| 2555 | OsmocomBB         | Feature | Stalled | Normal   | script interface to OsmocomBB "mobile"  | zecke    | 06/08/2020 07:07 PM | Related to #2555,Related to #2555,Blocks #2893                      |
| 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                                   |
| 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 |   |
| 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                                   |
| 3568 | OsmoBTS           | Bug     | Stalled | High     | CBCH on SDCCH/8 not working for osmo-bts-sysmo                                  | laforge  | 01/14/2019 03:29 PM |   |
| 4771 | OsmoBTS           | Bug     | Stalled | High     | Don't log NOTICE messages on missing uplink bursts                              | fixeria  | 11/16/2021 03:05 PM |   |

| #    | Project    | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|------------|---------|---------|----------|--|----------|---------------------|--|
| 3155 | OsmoBTS    | Feature | Stalled | High     | execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup                   | pespin   | 12/04/2020 07:30 PM | Related to #3353,Related to #3155  |
| 4023 | OsmoBTS    | Bug     | Stalled | Normal   | Missing coverage of PCU interface in osmo-bts  |          | 03/21/2023 01:07 PM | Related to #4023   |
| 4500 | OsmoBTS    | Bug     | Stalled | Normal   | osmo-bts-{sysmo,oc2g,litecell15}: PTCCH/U is not enabled on PDCH timeslots             | fixeria  | 06/25/2020 04:48 PM | Related to #4500,Related to #4500,Related to #4501   |
| 4592 | OsmoBTS    | Bug     | Stalled | Low      | osmo-bts-trx: make sure that handover detection works                                  | fixeria  | 06/21/2020 03:10 PM | Related to #4592   |
| 2979 | OsmoBTS    | Bug     | Stalled | Low      | osmo-bts-virtual reports bogus measurement values                                      | laforge  | 07/18/2019 06:06 AM |  |
| 2977 | OsmoBTS    | Feature | Stalled | Normal   | OsmoBTS measurment processing at L1SAP too complex / pass measurements along with data | dexter   | 05/18/2020 06:47 PM | Related to #2977,Related to #2977,Related to #3530,Related to #3428,Related to #3395,Related to #2977,Related to #3803 |
| 3863 | OsmoBTS    | Support | Stalled | Normal   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocombb       |          | 12/01/2019 10:52 AM |  |
| 3569 | OsmoBTS    | Bug     | Stalled | Normal   | Some phones don't receive SMSCB  | laforge  | 01/14/2019 03:32 PM |  |
| 4941 | OsmoBTS    | Feature | Stalled | Normal   | VAMOS support in OsmoBTS   | fixeria  | 03/18/2022 01:19 AM | Related to #4941,Related to #4941,Blocks #4941   |
| 2545 | OsmoBSCNAT | Feature | Stalled | Low      | OsmoBSCNAT misses 3GPP AoIP  | osmith   | 10/12/2022 01:15 PM | Related to #5152,Related to #5359,Related to #5574   |
| 4614 | OsmoBSC    | Bug     | Stalled | Low      | "bogus channel load sample" when using BS-11, Nokia or Ericsson BTS                    | laforge  | 02/13/2021 05:34 PM |  |
| 2893 | OsmoBSC    | Feature | Stalled | Low      | automatic simulator for large LU load  |          | 09/04/2019 09:23 AM | Related to #2722,Related to #2591,Blocks #2893,Blocks #2893  |
| 1614 | OsmoBSC    | Bug     | Stalled | Normal   | better identification of BTS model / capabilities to BSC                               |          | 05/12/2020 12:11 PM | Related to #1614,Related to #2316,Related to #2317,Related to #3799,Related to #3938                                   |
| 5308 | OsmoBSC    | Bug     | Stalled | Normal   | confusion around mgw e1 line vs trunk dichotomy  | dexter   | 12/13/2021 03:52 PM |  |

| #    | Project            | Tracker | Status  | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|--------------------|---------|---------|----------|--|-----------|---------------------|---|
| 3659 | OsmoBSC            | Feature | Stalled | High     | handover during LCLS directly between BTSs   | dexter    | 05/22/2023 09:23 AM | Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783 |
| 4070 | OsmoBSC            | Bug     | Stalled | Normal   | Implement IPA PING/PONG mechanism on RSL and OML   | osmith    | 09/30/2020 08:13 PM | Related to #5785  |
| 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  |
| 3806 | OsmoBSC            | Bug     | Stalled | Normal   | OsmoBSC accepts BSSAP with wrong length field  |           | 08/28/2020 08:15 PM | Related to #3806  |
| 2622 | OsmoBSC            | Support | Stalled | High     | Prepare automatic interop testing of OsmoBSC against NG40 core simulator + osmo-bts-virtual + mobile |           | 09/04/2019 09:18 AM | Related to #2478,Related to #2558,Related to #2555  |
| 4716 | OsmoBSC            | Feature | Stalled | Normal   | support handover between different codec types, like TCH/F FR1 <--> TCH/H HR1                        | neels     | 10/28/2020 08:22 PM | Related to #4717  |
| 4940 | OsmoBSC            | Feature | Stalled | High     | VAMOS support in OsmoBSC   | neels     | 08/11/2021 02:47 PM | Related to #4941  |
| 1683 | osmo-sip-connector | Bug     | Stalled | Low      | osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc                     | neels     | 09/23/2020 02:02 PM | Related to #1683,Related to #1683,Related to #1683,Related to #3650,Related to #5177                  |
| 4409 | osmo-remsim        | Bug     | Stalled | Low      | osmo-remsim-client-st2 (or firmware?) gets stuck on PTS  | Hoernchen | 02/06/2021 08:55 AM |   |
| 5527 | osmo-remsim        | Bug     | Stalled | High     | warn on duplicate client (id) connections  | laforge   | 07/13/2022 01:25 PM | Related to #5527  |
| 4522 | osmo-gbproxy       | Feature | Stalled | High     | gbproxy: Redundancy within proxy pair  | daniel    | 07/09/2021 06:43 PM |   |
| 4891 | osmo-gbproxy       | Bug     | Stalled | Normal   | gbproxy2: Implement processing of BVC-Flow-Control via BVC FSM                                       | daniel    | 10/25/2021 05:51 AM | Related to #4891  |
| 4917 | osmo-e1d           | Feature | Stalled | Normal   | reporting of alarms/errors known to the icE1usb  | laforge   | 04/10/2022 10:36 AM |   |
| 4916 | osmo-e1d           | Bug     | Stalled | High     | USB unplug / replug renders e1d unusable   | laforge   | 12/04/2023 12:34 PM | Related to #5983  |
| 4857 | osmo-clock-gen     | Bug     | Stalled | Normal   | FLV9001IDBVR no longer in stock ag digikey   | mschramm  | 04/10/2021 10:22 PM |   |
| 4822 | osmo-ccid-firmware | Bug     | Stalled | Low      | sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB                              |           | 11/05/2021 05:19 PM |   |

| #    | Project                               | Tracker | Status  | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|---------|----------|--|----------|---------------------|-----------------------------------|
| 5694 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled | Normal   | BERT testing   | laforge  | 12/31/2022 08:24 PM |                                   |
| 5434 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Normal   | more statistics / counters   |          | 12/03/2023 11:17 AM |                                   |
| 5693 | OCTOI - Osmocom Community TDM over IP | Bug     | Stalled | Normal   | no progress tones in yate  |          | 12/03/2023 11:10 AM |                                   |
| 5417 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled | Low      | S/T (S0) ISDN BRI adapter with VCXO / GPS-DO                                 | laforge  | 05/16/2023 08:06 AM | Related to #5436                  |
| 3566 | Misc Hardware Projects                | Feature | Stalled | Normal   | power supply / battery / charge for our GSM-R OPS 940                        | laforge  | 04/02/2023 09:05 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 |
| 5034 | libosmocore                           | Feature | Stalled | Low      | logging: Enable category name instead of hex val by default                  | pespin   | 06/12/2021 05:40 PM | Related to #6272                  |
| 3420 | libosmo-ranap                         | Bug     | Stalled | Normal   | ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address | osmith   | 07/17/2021 10:14 AM |                                   |
| 3812 | libosmo-netif                         | Bug     | Stalled | Normal   | stream_test fails depending on where it is run                               |          | 03/13/2019 04:15 PM |                                   |
| 5691 | libosmo-abis                          | Feature | Stalled | Normal   | Expose DAHDI statistics to prometheus  | laforge  | 01/05/2023 06:06 PM |                                   |
| 4476 | IMSI Pseudonymization                 | Feature | Stalled | Normal   | OsmoHLR: support IMSI pseudo in location update                              | neels    | 05/27/2020 01:11 PM | Blocks #4477                      |
| 4404 | IMSI Pseudonymization                 | Feature | Stalled | Normal   | Research: Make sure that we can silently detach the IMSI                     |          | 04/15/2020 10:06 AM | Related to #4404,Related to #4480 |
| 2514 | GSM Audio Pocket Knife                | Bug     | Stalled | Normal   | GSM HR encoding result does not match the reference                          | fixeria  | 04/03/2019 08:37 AM |                                   |
| 4534 | Ericsson RBS 6xxx                     | Support | Stalled | Normal   | Take pictures of RBS6k gear for documentation                                | roh      | 05/20/2020 03:19 PM |                                   |
| 4306 | Distributed GSM                       | Feature | Stalled | Low      | GSUP proxy cache: store data persistently                                    |          | 05/20/2020 09:18 PM | Precedes #4306                    |
| 4305 | Distributed GSM                       | Feature | Stalled | Low      | GSUP proxy: cache auth tuples to re-use / fall back to simpler auth methods  |          | 04/28/2020 02:37 PM | Precedes #4306                    |
| 5760 | Core testing infrastructure           | Feature | Stalled | Normal   | Develop TTCN-3 test suite for MME  | dexter   | 10/04/2023 01:51 PM |                                   |
| 5665 | Core testing infrastructure           | Bug     | Stalled | Normal   | ERROR: files left in build directory after distclean: ./tests/core           | fixeria  | 11/14/2023 12:39 PM | Related to #5665,Related to #5858 |
| 4692 | Core testing infrastructure           | Feature | Stalled | Normal   | finally implement testing of the actual voice audio path                     | laforge  | 04/19/2021 06:27 PM |                                   |



| #    | Project                         | Tracker | Status   | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|---------------------------------|---------|----------|----------|---|-----------|---------------------|--|
| 5301 | Core testing infrastructure     | Bug     | Stalled  | Normal   | Run TTCN3 docker tests with sanitizer enabled   | osmith    | 03/20/2024 09:28 AM | Related to #5302   |
| 6023 | Core testing infrastructure     | Feature | Stalled  | Normal   | test rack/lab power management software with usage/reference counting                               | laforge   | 10/18/2023 05:42 PM |  |
| 4576 | Core testing infrastructure     | Bug     | Stalled  | High     | ttn3-hlr-tests need to route multicast traffic between ttn3-hlr-test and osmo-hlr-master containers | neels     | 10/28/2020 09:48 PM |  |
| 2604 | Cellular Network Infrastructure | Feature | Stalled  | High     | GSUP-to-DIAMETER converter / IWF  | laforge   | 02/29/2020 11:27 AM | Related to #5646   |
| 3699 | Cellular Network Infrastructure | Feature | Stalled  | Low      | merge Debian patches  | Hoernchen | 01/08/2020 10:24 PM | Related to #3699,Related to #3753  |
| 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   |
| 2558 | Cellular Network Infrastructure | Feature | Stalled  | Normal   | Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances                  |           | 06/08/2020 07:07 PM | Related to #2557,Related to #2556,Related to #2555,Related to #2558,Blocks #2893                                       |
| 4107 | Cellular Network Infrastructure | Feature | Stalled  | High     | Start systemd services as non-root user   | osmith    | 11/22/2023 06:08 PM | Related to #4107,Related to #4821,Related to #4107,Related to #5669,Related to #5685,Related to #5687,Related to #5722 |
| 4006 | Cellular Network Infrastructure | Feature | Stalled  | Normal   | TRX protocol: wind of change  | fixeria   | 10/27/2021 10:22 PM | Related to #4006,Related to #4006,Related to #4006,Related to #4081,Related to #4658,Related to #4941,Related to #5283 |
| 4073 | Cellular Network Infrastructure | Feature | Stalled  | Low      | try to get counter and vty reference information at compile time                                    | Hoernchen | 02/06/2021 02:17 PM | Related to #4073,Related to #4848  |
| 6352 | Cellular Network Infrastructure | Bug     | Stalled  | Low      | ttn3-bts-test[-latest] is broken since Feb 1st / docker and multicast                               | osmith    | 03/06/2024 03:57 PM |  |
| 6411 | Cellular Network Infrastructure | Bug     | Stalled  | Normal   | ttn3: execute testsuites with a more realistic link performance                                     |           | 04/03/2024 06:25 PM |  |
| 5639 | SIMtrace 2                      | Bug     | Feedback | Normal   | No packet captured but only "Card state change:"  | g1bbs     | 09/20/2023 01:29 PM |  |
| 5600 | SIMtrace 2                      | Feature | Feedback | Normal   | SIMtrace2 fails to emulate EMV cards  | boggy123  | 12/14/2022 01:07 PM |  |

| #    | Project         | Tracker | Status   | Priority | Subject   | Assignee  | Updated             | Related issues   |
|------|-----------------|---------|----------|----------|---|-----------|---------------------|--|
| 5770 | SIMtrace 2      | Bug     | Feedback | Normal   | simtrace2 firmware ignores any but the first USB message sent by simtrace2-list after a reset | jtavares  | 11/23/2022 04:01 AM |  |
| 6181 | SIMtrace 2      | Bug     | Feedback | Normal   | Unexpected INS code with simtrace2-sniff: 0x7f  | v.marinov | 10/18/2023 09:41 PM |  |
| 6224 | Retronetworking | Feature | Feedback | Normal   | how to document the rescued EWSD  |           | 10/18/2023 04:51 PM |  |
| 6089 | pySim           | Feature | Feedback | Normal   | log the current file / operation during execution of a script                                 | laforge   | 11/27/2023 04:37 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   |
| 6197 | OsmoSGSN        | Bug     | Feedback | Low      | "Cannot handle SM for unknown MM CTX"   | fixeria   | 03/10/2024 06:23 PM |  |
| 1942 | OsmoSGSN        | Bug     | Feedback | Normal   | Gb: implement paging in case of MM state == STANDBY && rx DL PDU                              |           | 01/08/2020 10:48 PM | Related to #1942,Related to #4222  |
| 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   |
| 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   |
| 2951 | OsmoSGSN        | Bug     | Feedback | Normal   | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero                                     | osmith    | 09/11/2019 12:24 PM |  |
| 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   |
| 4844 | OsmoPCU         | Bug     | Feedback | Normal   | do not resent DL assignment on RACH   | lynxis    | 07/28/2023 02:44 PM |  |
| 1640 | OsmoPCU         | Bug     | Feedback | Low      | Missing release field/length in MS RA capability container                                    |           | 10/20/2020 09:19 AM |  |
| 4845 | OsmoPCU         | Bug     | Feedback | Normal   | only send content resolution if it's needed   | lynxis    | 07/28/2023 02:45 PM |  |
| 1524 | OsmoPCU         | Bug     | Feedback | Normal   | PACCH on the wrong timeslot   | roh       | 10/19/2021 11:50 AM | Related to #1524,Related to #1524,Related to #1524,Related to #2709,Related to #1524,Related to #1524,Related to #3014 |
| 2404 | OsmoPCU         | Bug     | Feedback | Low      | PAGING-PS doesn't use QoS parameters from BSSGP   | osmith    | 09/10/2019 11:54 AM |  |
| 4856 | OsmoPCU         | Bug     | Feedback | Normal   | PCU is running but has no NS connection and does not retry.                                   | keith     | 10/18/2021 10:02 AM |  |
| 1533 | OsmoPCU         | Feature | Feedback | Low      | Separate the window handling from the TBF more clearly  | zecke     | 07/21/2017 02:46 PM | Related to #1533   |

| #    | Project                    | Tracker | Status   | Priority | Subject  | Assignee  | Updated             | Related issues                                     |
|------|----------------------------|---------|----------|----------|--|-----------|---------------------|--|
| 2691 | OsmoNITB                   | Bug     | Feedback | Normal   | Old TMSI paged after LU  |           | 05/17/2018 11:47 AM |  |
| 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                                   |
| 6217 | OsmoMSC                    | Bug     | Feedback | Normal   | Bearer Capability mismatch in MT SETUP   | neels     | 10/10/2023 10:17 PM |  |
| 4167 | OsmoMSC                    | Bug     | Feedback | Normal   | Event VLR_ULA_E_ID_IMEISV not permitted  | osmith    | 09/04/2019 08:13 PM |  |
| 3164 | OsmoMSC                    | Bug     | Feedback | Low      | invalid LAI in level 3 complete: unify BSSMAP and RANAP verification                       | neels     | 07/29/2019 01:34 PM | Related to #3162,Related to #3163,Related to #3164 |
| 6151 | OsmoMSC                    | Feature | Feedback | Normal   | osmo-msc: Ability to configure (VTY) the AMR(-WB) formats used in RAB-Assignment-Req       | neels     | 08/30/2023 08:16 PM |  |
| 2872 | OsmoMSC                    | Bug     | Feedback | Normal   | OsmoMSC doesn't check if CIPHER MODE COMPLETE contains cipher that matches REQUEST         | neels     | 07/29/2019 01:15 PM |  |
| 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                  |
| 3352 | OsmoMGW                    | Feature | Feedback | Low      | osmo-mgw does not allow multiple codecs in LCO   | neels     | 01/08/2020 10:25 PM |  |
| 6153 | OsmoHNodeB                 | Support | Feedback | Normal   | List of supported FemtoCell  | Kira      | 08/28/2023 02:24 PM |  |
| 6127 | OsmoHNBGW                  | Feature | Feedback | Normal   | Submit RAB Modification Req towards HNB to update its peer luUP address if MGW changed it  | pespin    | 11/29/2023 06:45 PM |  |
| 2237 | OsmoGSMTester              | Bug     | Feedback | Normal   | ofono: Gobi modem: successful SMS delivery is evaluated as not successful                  | lynxis    | 06/07/2018 02:08 PM | Related to #2237,Related to #2237,Blocks #2237     |
| 5241 | OsmoGGSN (former OpenGGSN) | Bug     | Feedback | Low      | GTP: Malformed Packet pdp ctx response.  | lynxis    | 03/23/2022 05:31 PM |  |
| 5657 | OsmoDia2GSUP               | Bug     | Feedback | Normal   | dia2gsup not (re-)connecting to HLR if osmo-hlr is down                                    | lynxis    | 11/11/2023 06:20 PM |  |
| 5757 | OsmoDia2GSUP               | Feature | Feedback | Normal   | functional test suite for osmo_dia2gsup  | lynxis    | 09/06/2023 02:48 PM |  |
| 6155 | OsmoDia2GSUP               | Bug     | Feedback | Normal   | osmo_dia2gsup not setting Origin-State-Id Diameter AVP during Device-Watchdog-{Req,Answer} | lynxis    | 11/11/2023 06:19 PM |  |
| 1990 | OsmocomBB                  | Bug     | Feedback | Normal   | bb nand flash  | yangkkokk | 07/10/2017 10:22 PM |  |
| 5171 | OsmocomBB                  | Bug     | Feedback | Normal   | ccch_scan failed   | thor123   | 06/09/2021 12:06 AM |  |
| 5503 | OsmocomBB                  | Feature | Feedback | Normal   | expose GPRS user plane via tun device  | pespin    | 08/28/2023 10:38 PM | Related to #6115                                   |
| 4798 | OsmocomBB                  | Bug     | Feedback | Low      | fake_trx send TRXC responses from wrong source address                                     | fixeria   | 04/30/2021 03:37 AM |  |
| 6115 | OsmocomBB                  | Feature | Feedback | Normal   | modem: MTU not set properly on tun iface   | pespin    | 12/08/2023 05:48 PM | Related to #6115,Related to #6298                  |

| #    | Project  | Tracker | Status   | Priority | Subject   | Assignee                      | Updated             | Related issues  |
|------|--|---------|----------|----------|---|-------------------------------|---------------------|---|
| 6342 | OsmocomBB                                      | Bug     | Feedback | Normal   | ms-sdr gprs performance   | Hoernchen                     | 02/05/2024 05:00 PM | Related to #6342  |
| 6338 | OsmocomBB                                      | Bug     | Feedback | Normal   | ms-sdr gprs startup issues  | Hoernchen                     | 01/24/2024 03:58 PM |   |
| 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                  |
| 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 |   |
| 5953 | OsmoBTS  | Bug     | Feedback | Normal   | ttn3-bts-test: TC_ms_pwr_ctrl_{constant,pf_ewma} are failing  | fixeria                       | 03/25/2024 05:19 PM |   |
| 1898 | OsmoBTS  | Bug     | Feedback | Low      | Wrong handover detection with l1sap on wrong ss=0/ts=0  |                               | 11/07/2017 09:54 PM |   |
| 5982 | OsmoBSC  | Bug     | Feedback | Low      | conn->fi is NULL in gskon_bssmap_clear()  | neels                         | 04/11/2023 02:25 PM |   |
| 2781 | OsmoBSC  | Feature | Feedback | Normal   | Extend OsmBSC TTCN-3 test coverage regarding resource leaks   | neels                         | 03/25/2022 05:56 AM | Related to #2781,Related to #5355,Related to #5337                  |
| 3637 | OsmoBSC  | Bug     | Feedback | Normal   | handover decision 2: properly check available codecs  | neels                         | 10/09/2018 09:45 AM | Related to #3637,Related to #3637                                   |
| 6422 | OsmoBSC  | Bug     | Feedback | Normal   | latest: BSC_Tests.TC_ctrl_location started fo fail on March 15th  | fixeria                       | 04/02/2024 06:56 PM |   |
| 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                                   |
| 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 |   |
| 3474 | OsmoBSC  | Bug     | Feedback | Normal   | SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx | ron.menez@entropysolution.com | 10/05/2020 09:33 PM |   |
| 6318 | OsmoBSC  | Bug     | Feedback | Normal   | Show lchan shows wrong number of channels for TCH   | neels                         | 12/25/2023 01:01 AM |   |
| 5106 | OsmoBSC  | Feature | Feedback | Urgent   | Watchdog that would try to un-BORKE BORKen timeslots  | keith                         | 02/07/2023 06:25 PM | Related to #5106,Related to #5785,Related to #5786,Related to #5106 |
| 1906 | osmo-qcdiag                                    | Bug     | Feedback | Normal   | wireshark: fix decoding of (E)GPRS RLC/MAC frames   | Hoernchen                     | 02/08/2021 08:07 PM |   |
| 4968 | osmo-gbproxy                                   | Bug     | Feedback | Normal   | Multiple TTCN3 tests only expect one SGSN   | daniel                        | 12/09/2021 09:17 PM | Related to #4968  |
| 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  |
|------|--|---------|----------|----------|--|-----------|---------------------|---|
| 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  | pespin    | 04/15/2024 12:49 PM | Related to #6361  |
| 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 |   |
| 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 |   |
| 5824 | osmo-e1d                                       | Bug     | Feedback | Normal   | Line dead message in the log after start   | laforge   | 12/25/2023 01:43 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 |   |
| 6103 | Linux Kernel GTP-U                             | Feature | Feedback | Normal   | move from 1:1 relationship of UDP socket and net-device to a N:M relationship  | pablo     | 10/06/2023 10:49 AM | Related to #6106  |
| 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 |   |
| 4700 | libosmocore                                    | Bug     | Feedback | Normal   | 'socket' C test fails when there is no IPv6  | neels     | 03/24/2021 12:33 PM |   |
| 4727 | libosmocore                                    | Feature | Feedback | Normal   | Add more distro/platform/archs to jenkins CI   | laforge   | 05/15/2023 09:48 AM | Is duplicate of #4789   |
| 6162 | libosmocore                                    | Bug     | Feedback | Normal   | master build failure with clang-16   | Hoernchen | 11/18/2023 09:17 AM |   |
| 5208 | libosmocore                                    | Bug     | Feedback | Normal   | ns2: add testcase for SNS Size with invalid tlv  | lynxis    | 02/12/2023 08:37 PM |   |
| 6437 | libosmocore                                    | Bug     | Feedback | Normal   | osmo_io_ops segmentation_cb missing parameter holding state  |           | 04/17/2024 12:24 PM |   |
| 4797 | libosmocore                                    | Bug     | Feedback | Normal   | vty: the output of 'show ns' command is confusing  | fixeria   | 10/23/2020 05:35 PM | Related to #4855,Related to #5085                               |
| 5917 | libosmo-sccp + libosmo-sigtran                 | Feature | Feedback | Normal   | immediately detect SCTP SHUTDOWN in SCCP link / in SCCP user / in active SCCP connections  | neels     | 03/20/2023 10:23 AM |   |
| 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  |
| 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 |
| 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                               |
| 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  |

| #    | Project                                      | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|--|---------|-------------|----------|--|-----------|---------------------|---|
| 4403 | IMSI Pseudonymization                        | Feature | Feedback    | Normal   | OsmoHLR: How to interface with SMS service?                                    |           | 04/16/2020 08:45 AM | Blocks #4477  |
| 6377 | erlang/osmo_ss7                              | Bug     | Feedback    | Normal   | ipa: Failure decoding ipa frames split between several tcp packets             | pespin    | 02/28/2024 03:00 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 |   |
| 6416 | E1/T1 Hardware Interface (including icE1usb) | Support | Feedback    | Normal   | Serial debug tty port speed  | pfassberg | 03/22/2024 06:52 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 |   |
| 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  |
| 6273 | Core testing infrastructure                  | Bug     | Feedback    | Normal   | TTCN3 tests keep suffering from race conditions on shutdown                    | daniel    | 12/05/2023 03:29 PM |   |
| 5809 | Cellular Network Infrastructure              | Bug     | Feedback    | Normal   | applications disrespect potentially VTY-configured tcp/telnet port             | osmith    | 10/31/2023 09:34 AM |   |
| 5685 | Cellular Network Infrastructure              | Bug     | Feedback    | Normal   | Dropping debian 10 (buster)  | osmith    | 04/04/2023 10:10 AM | Related to #5685,Related to #5685                                   |
| 6349 | Cellular Network Infrastructure              | Bug     | Feedback    | Normal   | example configs missing in release tarballs                                    | fixeria   | 01/29/2024 04:04 PM |   |
| 4333 | Cellular Network Infrastructure              | Support | Feedback    | Normal   | GSUP binary compatibility: add GSUP protocol version IE?                       |           | 12/16/2019 01:56 PM | Related to #4333,Related to #4333,Related to #4333                  |
| 5124 | Cellular Network Infrastructure              | Feature | Feedback    | Normal   | network:osmocom:nightly feed with "-O0" builds                                 | laforge   | 05/11/2023 11:11 AM |   |
| 3982 | Cellular Network Infrastructure              | Feature | Feedback    | Low      | osmo-depcheck.py: set dependency hashes on command line                        | osmith    | 05/15/2023 09:51 AM |   |
| 5422 | SIMtrace 2                                   | Feature | In Progress | Normal   | "cardem" continuous testing setup  | laforge   | 01/27/2022 12:22 PM | Related to #5422  |
| 5464 | SIMtrace 2                                   | Bug     | In Progress | Normal   | cardem firmware unable to attach to card                                       | laforge   | 11/18/2022 06:41 PM | Related to #5464  |
| 1706 | SIMtrace 2                                   | Feature | In Progress | Low      | Hardware / Circuit board update for SAM3S based SIMtrace2 with 1.8V/5V support | mschramm  | 10/28/2023 11:25 AM | Related to #1706,Related to #5464,Related to #4118,Related to #5826 |
| 5921 | SIMtrace 2                                   | Bug     | In Progress | High     | simtrace2 cardem vs. Linux kernel USB autosuspend                              | laforge   | 09/16/2023 10:47 PM | Related to #5921  |
| 5488 | Retronetworking                              | Feature | In Progress | Low      | create DAHDI mirror sniffer  | laforge   | 11/07/2022 06:04 PM |   |
| 5463 | Retronetworking                              | Feature | In Progress | Low      | X.21 hardware interface  | vogelchr  | 03/04/2023 02:37 PM |   |

| #    | Project        | Tracker | Status      | Priority | Subject  | Assignee  | Updated             | Related issues   |
|------|----------------|---------|-------------|----------|--|-----------|---------------------|--|
| 5938 | Retrocomputing | Feature | In Progress | Normal   | assemble "fake parallel printer"   | laforge   | 09/13/2023 09:32 AM |  |
| 5939 | Retrocomputing | Bug     | In Progress | Low      | Assemble GraphicGremlin / isavideo   | laforge   | 03/15/2023 09:06 AM |  |
| 5934 | Retrocomputing | Feature | In Progress | Low      | Assemble Pico-GUS  | laforge   | 03/06/2023 04:25 PM |  |
| 5933 | Retrocomputing | Feature | In Progress | Low      | Assemble XT-CF-Lite v4.1   | laforge   | 03/20/2023 09:54 AM |  |
| 6119 | pySim          | Bug     | In Progress | Normal   | aram_get_config runs into an exception on a sysmocomSJA2                             | laforge   | 12/05/2023 05:26 PM |  |
| 6211 | pySim          | Feature | In Progress | Low      | decode security attributes _compact_ in human-readable way, like we decode EF.ARR    | dexter    | 12/15/2023 07:22 AM | Related to #6211   |
| 5900 | OsmoUPF        | Feature | In Progress | Normal   | make sure chain ids used in the tunmap nft ruleset are unused                        |           | 02/09/2023 05:34 PM |  |
| 5516 | OsmoTRX        | Feature | In Progress | High     | BladeRF 2.0 Support  | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430  |
| 1881 | OsmoSGSN       | Bug     | In Progress | Normal   | don't send PDP CTX DEACT ACK to MS when destroying PDP ctx indepent from MS requests |           | 01/08/2020 10:49 PM |  |
| 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   |
| 5349 | OsmoSGSN       | Bug     | In Progress | High     | Message for non-existing SNDCP Entity  |           | 07/17/2023 04:42 PM |  |
| 3356 | OsmoSGSN       | Bug     | In Progress | Normal   | OsmoSGSN doesn't provide unique IDTAG_SERNR in IPA CCM                               | osmith    | 04/09/2019 11:22 AM | Related to #3356,Related to #3356,Related to #3644                                   |
| 3920 | OsmoSGSN       | Support | In Progress | Normal   | PCAPs files of 3G PS for Osmocom network and Commercial one                          |           | 04/18/2019 02:03 PM | Related to #3920,Related to #3936,Related to #3923,Related to #3937,Related to #3922 |
| 2501 | OsmoSGSN       | Bug     | In Progress | Normal   | suspected problem with unanswered neighbor solicitation                              | osmith    | 09/11/2019 12:58 PM |  |
| 5880 | OsmoSGSN       | Bug     | In Progress | High     | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands          | lynxis    | 03/28/2023 02:45 PM |  |
| 1766 | OsmoPCU        | Bug     | In Progress | High     | KPIs for OsmoPCU: EGPRS  |           | 01/22/2020 02:06 PM | Related to #1766,Related to #1766  |
| 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   |
| 6258 | OsmoMSC        | Feature | In Progress | Normal   | if MT call leg does not support the assigned codec, re-assign to a compatible codec  |           | 01/12/2024 06:26 AM | Related to #6328   |
| 4830 | OsmoMSC        | Bug     | In Progress | High     | LU reject when no authentication data in HLR but "authentication optional"           | neels     | 10/10/2022 02:03 PM |  |

| #    | Project  | Tracker | Status      | Priority | Subject   | Assignee  | Updated             | Related issues  |
|------|--|---------|-------------|----------|---|-----------|---------------------|---|
| 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  |
| 4240 | OsmoMSC  | Bug     | In Progress | Normal   | test: incoming call when already Paging   |           | 11/27/2019 11:09 PM |   |
| 4200 | OsmoMSC  | Feature | In Progress | Normal   | Work around nano3G-S16 requiring RAB ID to be below 16  | efistokl  | 09/14/2019 09:48 AM |   |
| 4535 | OsmoMGW  | Feature | In Progress | Low      | Develop "E1/Abis generator"   | laforge   | 01/02/2022 01:57 PM | Precedes #2547  |
| 6171 | OsmoMGW  | Feature | In Progress | Normal   | mgcp-client API: there should be a separate mgcp_codec_param for each codec in mgcp_msg.codecs[]  | dexter    | 11/01/2023 04:15 PM | Related to #6171  |
| 6387 | OsmoMGW  | Feature | In Progress | Normal   | osmo_io / io_uring support for RTP/RTCP   | laforge   | 03/26/2024 06:45 PM | Related to #6387  |
| 5214 | OsmoMGW  | Feature | In Progress | Normal   | osmo-mgw multithreading   | Hoernchen | 08/31/2021 09:20 AM |   |
| 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 |   |
| 5153 | OsmoHNBGW  | Feature | In Progress | Normal   | support hnbgw co-located GTP-U proxy (UPF)  | neels     | 11/15/2022 09:54 AM | Related to #5154,Related to #5153                               |
| 5230 | OsmoHNBGW  | Bug     | In Progress | Normal   | hnbgw fails to connect to the sgsn  | lynxis    | 10/14/2021 07:50 AM |   |
| 5889 | OsmoHLR  | Bug     | In Progress | Normal   | subscriber data: send out correct PDP Info  | lynxis    | 09/01/2023 04:20 PM |   |
| 2238 | OsmoGSMTester  | Bug     | In Progress | Normal   | ofono: Gobi modem: cannot receive SMS   |           | 01/08/2020 10:42 PM | Related to #2238  |
| 6096 | OsmoGGSN (former OpenGGSN)                             | Feature | In Progress | Urgent   | add support for kernel-GTP IPv6   | osmith    | 03/25/2024 12:10 PM | Related to #6096,Related to #6106,Related to #6096,Blocks #6096 |
| 6223 | OsmoGGSN (former OpenGGSN)                             | Feature | In Progress | High     | TTCN3 unit test[s] for GTPv1U with extension headers  | osmith    | 01/31/2024 08:19 PM | Related to #6223  |
| 6254 | OsmoDia2GSUP   | Bug     | In Progress | Normal   | Reconnects of the ttcn3 aren't handled  | lynxis    | 11/11/2023 05:13 PM |   |
| 4030 | OsmocomBB  | Feature | In Progress | Normal   | design breakout board for GTM900-B  | mschramm  | 01/05/2024 08:00 AM | Related to #4575,Related to #4610                               |
| 1954 | OsmocomBB  | Bug     | In Progress | Normal   | Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations  |           | 07/10/2017 10:24 PM |   |
| 6290 | Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall) | Feature | In Progress | High     | Organize OsmoDevCon 2024  | laforge   | 03/06/2024 12:06 PM |   |



| #    | Project  | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues  |
|------|--|---------|-------------|----------|--|----------|---------------------|---|
| 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 |   |
| 4474 | OsmoBTS  | Bug     | In Progress | Low      | l1fwd (-remote) tried to read eeprom locally                                   |          | 11/04/2021 06:35 PM |   |
| 6270 | OsmoBTS  | Bug     | In Progress | Normal   | osmo-bts sends version report every 5s to BSC?                                 | dexter   | 02/19/2024 03:06 PM |   |
| 4922 | OsmoBSC  | Feature | In Progress | Normal   | Implement MS Power Control   | keith    | 11/04/2021 06:37 PM |   |
| 5755 | OsmoBSC  | Feature | In Progress | High     | io_uring support in osmo-bsc   | jolly    | 03/02/2024 08:06 PM | Related to #5755,Related to #6357                                   |
| 1605 | OsmoBSC  | Feature | In Progress | Low      | logging / ring buffer for ALERT messages from A-bis OML from the BTS side      | osmith   | 03/27/2020 09:40 AM | Related to #1605  |
| 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                                   |
| 4537 | OsmoBSC  | Feature | In Progress | Normal   | OsmoBSC needs strategies to recover broken lchans (lchan state BORKEN)         |          | 11/20/2023 05:03 PM | Related to #4537,Related to #4540,Related to #4541,Related to #5106 |
| 1685 | osmo-sip-connector                             | Feature | In Progress | Normal   | osmo-sip-connector: Review and define log statements and which info to include | osmith   | 09/04/2019 09:31 AM |   |
| 5745 | osmo-lab-rack                                  | Feature | In Progress | Low      | component carrier Ethernet switch  | laforge  | 02/03/2023 11:29 AM |   |
| 4520 | osmo-gbproxy                                   | Feature | In Progress | Normal   | gbproxy: Redundancy between NS-VCs (BSS Side)                                  | lynxis   | 02/19/2021 04:50 PM | Related to #4520  |
| 4951 | osmo-gbproxy                                   | Feature | In Progress | Normal   | more TTCN3 tests for SGSN pooling  | daniel   | 07/08/2021 08:36 PM | Related to #4951,Related to #4952                                   |
| 6435 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | epdg: fix inter-UE traffic   | lynxis   | 04/08/2024 06:55 PM |   |
| 5861 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | In Progress | Urgent   | extend charon with external authentication interface                           | lynxis   | 02/07/2024 04:00 PM | Related to #5868  |
| 6370 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | setup ims with kamailio  | lynxis   | 03/14/2024 09:01 PM |   |
| 6364 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Bug     | In Progress | Normal   | strongswan: gsup: remove single request limitation                             | lynxis   | 02/20/2024 05:59 PM | Related to #6366  |
| 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 |   |
| 5480 | Open Source IMS Client                         | Feature | In Progress | High     | Linux kernel IPsec plugin for doubango   | laforge  | 03/25/2022 10:44 AM |   |

| #    | Project                         | Tracker | Status      | Priority | Subject  | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|-------------|----------|--|----------|---------------------|-----------------------------------|
| 6212 | Linux Kernel GTP-U              | Bug     | In Progress | Normal   | GTP extension headers  | pespin   | 10/18/2023 03:03 PM | Related to #6223                  |
| 1952 | Linux Kernel GTP-U              | Bug     | In Progress | High     | IPv6 support for inner (user) IP layer missing   | pablo    | 03/05/2024 11:47 PM | Related to #6096,Related to #6123 |
| 3693 | libosmocore                     | Bug     | In Progress | Low      | gsm_04_08.h: numerous packed structs with sub-byte ints lack the order-swap shims for big endian |          | 11/19/2018 02:05 PM |                                   |
| 4842 | libosmocore                     | Bug     | In Progress | Normal   | gsm0408 test fails on several architectures  | neels    | 08/23/2022 04:38 PM |                                   |
| 6263 | libosmocore                     | Bug     | In Progress | Low      | impossible to detect wrong callbacks being registered / osmo_io_ops union                        | daniel   | 11/21/2023 09:21 AM |                                   |
| 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                  |
| 5180 | libosmocore                     | Bug     | In Progress | Normal   | ns2: Document NS inspection/blocking commands  | lynxis   | 06/15/2021 01:10 PM |                                   |
| 5679 | libosmo-sccp + libosmo-sigtran  | Feature | In Progress | Normal   | unsupported SCCP user primitive N-PCSTATE.indication   | neels    | 02/18/2023 01:46 AM |                                   |
| 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                  |
| 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 |                                   |
| 5632 | Core testing infrastructure     | Bug     | In Progress | Normal   | better test result summary / notifications   | lynxis   | 08/31/2022 11:58 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 |                                   |
| 5929 | Cellular Network Infrastructure | Feature | In Progress | Normal   | document current (milestones of) nlnet funded projects; mention nlnet funding                    | laforge  | 04/04/2023 10:05 AM |                                   |
| 6198 | Cellular Network Infrastructure | Bug     | In Progress | Normal   | Patch releases for September 2023 Osmocom CNI releases   | roh      | 12/19/2023 01:29 PM | Related to #6253                  |
| 6069 | Cellular Network Infrastructure | Feature | In Progress | Normal   | port hello-stk to ant-based build like mrlnc/HelloSTK2   | dexter   | 11/02/2023 12:52 PM |                                   |
| 2809 | Z-Netz                          | Bug     | New         | Normal   | Build ZConnect <-> UseNet gateway  |          | 01/01/2018 01:33 PM |                                   |
| 2814 | Z-Netz                          | Feature | New         | Normal   | Create + Document classic CrossPoint setup on DOS (dosemu)                                       |          | 01/01/2018 01:41 PM |                                   |
| 2813 | Z-Netz                          | Feature | New         | Normal   | Create + Document OpenXP setup on Linux  |          | 01/01/2018 01:41 PM |                                   |
| 2808 | Z-Netz                          | Bug     | New         | Normal   | Create + Document VM/emulation setup for running ZERBERUS  |          | 01/01/2018 01:09 PM |                                   |
| 2806 | UUCP and UseNet                 | Feature | New         | Low      | Create Dockerfile and/or ansible playbook for UseNet node  |          | 01/01/2018 01:04 PM |                                   |
| 1510 | UmTRX                           | Feature | New         | High     | Complete UHD integration   | ipse     | 02/21/2016 04:47 PM |                                   |
| 1515 | UmTRX                           | Feature | New         | Normal   | Heat dissipation and mounting issue  |          | 02/19/2016 10:52 PM |                                   |
| 1508 | UmTRX                           | Feature | New         | High     | Implement UmSEL diversity switch control   | ipse     | 02/21/2016 04:47 PM |                                   |

| #    | Project                      | Tracker | Status | Priority | Subject  | Assignee      | Updated             | Related issues                    |
|------|------------------------------|---------|--------|----------|--|---------------|---------------------|-----------------------------------|
| 1507 | UmTRX                        | Feature | New    | High     | Implement UmSEL tuner control  | ipse          | 02/21/2016 04:47 PM |                                   |
| 1504 | UmTRX                        | Feature | New    | Normal   | LMS6002 phase error increases when Rx is enabled and varies with temperature | ttsou         | 02/19/2016 10:52 PM |                                   |
| 3747 | UmTRX                        | Feature | New    | Normal   | LMS6002D RX Gain Control   | ipse          | 01/08/2019 09:46 AM |                                   |
| 1506 | UmTRX                        | Feature | New    | Normal   | Move to the latest stable UHD  | ipse          | 02/21/2016 04:47 PM |                                   |
| 1505 | UmTRX                        | Bug     | New    | High     | OHM4 footprint incorrect   |               | 02/19/2016 10:52 PM |                                   |
| 1511 | UmTRX                        | Feature | New    | Normal   | Solve Tx and Rx I/Q imbalance for wideband signals                           |               | 02/19/2016 10:52 PM |                                   |
| 1509 | UmTRX                        | Feature | New    | Normal   | Store calibration values in EEPROM   | ipse          | 02/21/2016 04:47 PM |                                   |
| 1516 | UmTRX                        | Feature | New    | Normal   | There are no port to control external equipment like PA                      |               | 02/19/2016 10:52 PM |                                   |
| 1517 | UmTRX                        | Feature | New    | Normal   | U_FL (UMC) connectors are not reliable after few connections                 |               | 02/19/2016 10:52 PM |                                   |
| 1518 | UmTRX                        | Feature | New    | Normal   | Upper limit of the clock is too low  |               | 02/19/2016 10:52 PM |                                   |
| 5423 | SIMtrace 2                   | Bug     | New    | Low      | "trace" firmware continuous test setup                                       |               | 01/27/2022 12:24 PM |                                   |
| 3711 | SIMtrace 2                   | Feature | New    | Normal   | Add screw holes for permanent installations                                  | mschramm      | 11/01/2023 08:28 PM |                                   |
| 1463 | SIMtrace 2                   | Feature | New    | Low      | Add VCC current sensing circuit for SPA & DPA attacks                        | laforge       | 08/27/2018 07:05 AM | Related to #1706                  |
| 5415 | SIMtrace 2                   | Bug     | New    | Normal   | cardem: watchdog triggers firmware reset                                     | lynxis        | 02/15/2022 08:07 PM |                                   |
| 1911 | SIMtrace 2                   | Feature | New    | Normal   | check if we can have an enclosed version of simtrace v2                      | tsaitgaist    | 09/13/2018 12:40 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 |                                   |
| 4041 | SIMtrace 2                   | Bug     | New    | Normal   | implement SIMTRACE_CMD_BD_BOARD_INFO   | laforge       | 12/06/2019 01:38 PM | Related to #4041                  |
| 1460 | SIMtrace 2                   | Feature | New    | Normal   | include some version information / negotiation in the USB protocol           | laforge       | 12/06/2019 01:39 PM | Related to #1461,Related to #4041 |
| 3371 | SIMtrace 2                   | Feature | New    | Normal   | migrate to use arm-none-eabi build of libosmocom.git                         | laforge       | 08/09/2018 12:14 PM |                                   |
| 3501 | SIMtrace 2                   | Feature | New    | Low      | Multi-sim addon board idea   |               | 08/28/2018 03:00 PM |                                   |
| 5805 | SIMtrace 2                   | Feature | New    | Normal   | SIM Trace 2 Build for Windows  | jelson_simEng | 04/02/2023 09:56 AM |                                   |
| 3815 | SIMtrace 2                   | Bug     | New    | Normal   | simtrace2 fails USB-IF CH9 test  | Hoernchen     | 05/12/2020 07:24 PM |                                   |
| 1457 | SIMtrace 2                   | Feature | New    | Low      | Spacing between JTAG and JP1/JP2   | mschramm      | 09/13/2018 07:07 PM |                                   |
| 3712 | SIMtrace 2                   | Bug     | New    | Low      | TRACE_FATAL not printing   | laforge       | 04/06/2021 01:28 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 |
| 4653 | SDR (Software Defined Radio) | Bug     | New    | Normal   | cannot import name 'fosphor'   |               | 07/07/2020 02:39 AM |                                   |

| #    | Project                      | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues |
|------|------------------------------|---------|--------|----------|---|----------|---------------------|----------------|
| 4685 | SDR (Software Defined Radio) | Bug     | New    | Normal   | Can't compile libusrp   |          | 08/04/2020 08:52 AM |                |
| 4677 | SDR (Software Defined Radio) | Bug     | New    | Normal   | fopher crash on OSX with Qt   |          | 07/27/2020 03:27 AM |                |
| 4580 | SDR (Software Defined Radio) | Feature | New    | Normal   | gr-osmosdr compilation under GnuRadio 3.9.0   |          | 06/04/2020 01:13 AM |                |
| 2224 | SDR (Software Defined Radio) | Feature | New    | Normal   | New Fospor Benchmark Performance  |          | 05/04/2017 01:23 PM |                |
| 5850 | SDR (Software Defined Radio) | Bug     | New    | Normal   | OBS mingw builds not updated since 2019   | roox     | 01/04/2023 12:15 PM |                |
| 2764 | SDR (Software Defined Radio) | Support | New    | Normal   | osmocom_fft & siggen can't access the X display   |          | 12/15/2017 06:09 PM |                |
| 3817 | SDR (Software Defined Radio) | Bug     | New    | Normal   | Unable to use fospor display on Ubuntu 18.10  |          | 02/26/2019 06:56 PM |                |
| 1474 | SDR (Software Defined Radio) | Bug     | New    | High     | USB Claim Interface Error   | steve-m  | 02/20/2016 08:23 PM |                |
| 1678 | SDR (Software Defined Radio) | Bug     | New    | Normal   | Use -undefined dynamic_lookup when using Python and building on Mac OS X  |          | 03/30/2016 11:25 PM |                |
| 3126 | SDR (Software Defined Radio) | Bug     | New    | Low      | Windows 10 Pro 1709: crash of rtl_test.exe  |          | 03/30/2018 02:16 PM |                |
| 4367 | rtl-sdr                      | Support | New    | Normal   | "Communications Toolbox Support Package for RTL-SDR Radio" from "Mathworks Matlab" appears to be with broken links? | steve-m  | 01/21/2020 08:52 PM |                |
| 1983 | rtl-sdr                      | Support | New    | Normal   | Add welle.io and rtl_fm_streamer to rtl-sdr app list  |          | 06/03/2018 12:24 PM |                |
| 4427 | rtl-sdr                      | Bug     | New    | Normal   | docker + rtl_sdr issue  |          | 02/29/2020 01:16 PM |                |
| 3588 | rtl-sdr                      | Bug     | New    | Normal   | Error Values Inconsistent   |          | 09/25/2018 12:47 PM |                |
| 3797 | rtl-sdr                      | Bug     | New    | Normal   | Exits with "Bus error"  |          | 02/12/2019 02:28 PM |                |
| 6413 | rtl-sdr                      | Bug     | New    | Normal   | Incorrect Debian/Debian-like binary packages  | steve-m  | 03/22/2024 05:09 PM |                |
| 3590 | rtl-sdr                      | Bug     | New    | Normal   | Key Functions Missing Documentation   |          | 09/25/2018 01:04 PM |                |
| 3591 | rtl-sdr                      | Bug     | New    | Normal   | No Way To Detect Occasional Failed Bulk Transfers   |          | 09/25/2018 01:29 PM |                |
| 4513 | rtl-sdr                      | Bug     | New    | Normal   | PKG information broken  |          | 04/26/2020 03:21 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 |                |
| 4080 | rtl-sdr                      | Support | New    | Normal   | Receiving UTAs on 978 Mhz   |          | 07/02/2019 12:08 PM |                |
| 3315 | rtl-sdr                      | Feature | New    | Normal   | review and possibly apply patches from debian package   | steve-m  | 06/03/2018 01:17 PM |                |
| 4720 | rtl-sdr                      | Bug     | New    | Normal   | rtl_power reports invalid values  |          | 08/19/2020 02:47 PM |                |
| 5922 | rtl-sdr                      | Bug     | New    | Normal   | rtl_sdr bytes_to_read wraparound for n > 2**31  | steve-m  | 03/20/2023 10:16 AM |                |

| #    | Project         | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues |
|------|-----------------|---------|--------|----------|---|----------|---------------------|----------------|
| 6329 | rtl-sdr         | Bug     | New    | Normal   | rtl_sdr does not have correct rpath set on OSX build  |          | 01/12/2024 09:57 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 |                |
| 2607 | rtl-sdr         | Bug     | New    | Normal   | rtl-sdr gnuradio cfile is outdated  |          | 06/03/2018 12:23 PM |                |
| 6225 | rtl-sdr         | Bug     | New    | Normal   | rtl-sdr reelase tarballs missing from <a href="https://ftp.osmocom.org/releases/">https://ftp.osmocom.org/releases/</a> | osmith   | 10/19/2023 09:46 AM |                |
| 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 |                |
| 5120 | rtl-sdr         | Bug     | New    | Normal   | rtlsdr_demod_write_reg failed with -9   |          | 04/18/2021 08:55 PM |                |
| 5291 | rtl-sdr         | Feature | New    | Normal   | Ship the udev rules upstream  | steve-m  | 11/05/2021 11:04 AM |                |
| 5220 | rtl-sdr         | Bug     | New    | Normal   | Undefined reference to libusb_dev_mem_free  | steve-m  | 08/31/2021 09:21 AM |                |
| 6012 | rtl-sdr         | Bug     | New    | Normal   | Update wiki for macos build   | steve-m  | 05/01/2023 02:38 AM |                |
| 3589 | rtl-sdr         | Bug     | New    | Normal   | Zerocopy Buffers Unusable Outside Callback Without memcpy()   |          | 09/25/2018 12:58 PM |                |
| 5543 | Retronetworking | Feature | New    | Normal   | Contact manufacturers for leftover stock  |          | 06/27/2023 09:05 PM |                |
| 5746 | Retronetworking | Feature | New    | Low      | Create H.221 decoder  |          | 11/07/2022 10:55 PM |                |
| 6237 | Retronetworking | Feature | New    | Low      | Design + Build PCBA for NE555 based fake fan rpm sensor   | laforge  | 10/30/2023 01:38 AM |                |
| 5545 | Retronetworking | Feature | New    | Low      | E1 support for dynamips   |          | 04/24/2022 09:56 AM |                |
| 5855 | Retronetworking | Feature | New    | Normal   | Establishing a German non-profit for retronetworking  | laforge  | 01/13/2023 11:59 AM |                |
| 5681 | Retronetworking | Bug     | New    | Normal   | Figure out suitable connectors for EKSOS  | laforge  | 07/31/2023 10:22 AM |                |
| 5511 | Retronetworking | Feature | New    | Low      | Idea: DAHDI backend for mISDN   |          | 09/18/2022 03:59 PM |                |
| 5512 | Retronetworking | Bug     | New    | Low      | Idea: L1OIP driver for DAHDI  |          | 04/03/2022 11:46 AM |                |
| 6219 | Retronetworking | Feature | New    | Normal   | Publish pics/videos for EWSD rescue/move  | laforge  | 10/17/2023 02:10 PM |                |
| 6193 | Retronetworking | Support | New    | Low      | Replace "event rack" PM3 power supply   | laforge  | 09/27/2023 12:19 PM |                |
| 5768 | Retronetworking | Feature | New    | Normal   | retronetworking logo / artwork  |          | 04/07/2024 10:40 PM |                |
| 6244 | Retronetworking | Feature | New    | Low      | scan more/all EWS(O) documentation laforge has  | laforge  | 11/01/2023 09:50 PM |                |
| 4226 | Retronetworking | Feature | New    | Low      | STM-1 / USB interface?  |          | 01/30/2022 10:14 AM |                |
| 6195 | Retronetworking | Feature | New    | Low      | Wiki page on Cisco *WIC-* line cards for 26xx/28xx series   | laforge  | 10/08/2023 07:33 AM |                |
| 6194 | Retronetworking | Feature | New    | Low      | wiki page on MultiTech MT5600-BL  | laforge  | 09/27/2023 12:46 PM |                |
| 6218 | Retronetworking | Feature | New    | Normal   | write article/report on EWSD rescue for IGHFT / Fernmeldemuseum Dresden   | laforge  | 10/17/2023 02:11 PM |                |
| 5932 | Retrocomputing  | Feature | New    | Low      | assemble ISA-USB  | laforge  | 03/02/2023 09:25 PM |                |
| 5940 | Retrocomputing  | Feature | New    | Low      | Assemble LPT_Capture  | laforge  | 03/15/2023 09:06 AM |                |
| 5936 | Retrocomputing  | Feature | New    | Low      | Assemble netpi-ide  | laforge  | 03/02/2023 09:25 PM |                |

| #    | Project                               | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues   |
|------|---------------------------------------|---------|--------|----------|--|----------|---------------------|------------------|
| 5947 | Retrocomputing                        | Feature | New    | Low      | Assemble PC104-SVGA  | laforge  | 03/15/2023 09:29 AM |                  |
| 1813 | Qualcomm Linux Modems by Quectel & Co | Bug     | New    | Normal   | cat /dev/snd/* causes kernel oops                                  |          | 09/30/2016 04:00 PM |                  |
| 1814 | Qualcomm Linux Modems by Quectel & Co | Feature | New    | Low      | check if qtools work   |          | 10/02/2016 04:08 AM |                  |
| 4135 | Qualcomm Linux Modems by Quectel & Co | Support | New    | Normal   | how to use network inside ec20                                     |          | 07/31/2019 11:20 AM |                  |
| 1815 | Qualcomm Linux Modems by Quectel & Co | Feature | New    | Normal   | tool for building binary ipk from .list/.control                   |          | 10/02/2016 05:06 AM |                  |
| 4206 | Qualcomm Linux Modems by Quectel & Co | Support | New    | Urgent   | Unbrick cpe router without web ui interface and terminal           |          | 02/22/2021 02:01 PM |                  |
| 6092 | pySim                                 | Feature | New    | Low      | "export" suport for ARA-M  | dexter   | 10/31/2023 06:40 PM |                  |
| 6398 | pySim                                 | Bug     | New    | Normal   | Add helper for SwMatchError  |          | 03/09/2024 09:34 PM |                  |
| 6322 | pySim                                 | Bug     | New    | Low      | ATR type annotation  |          | 01/03/2024 09:55 PM |                  |
| 6265 | pySim                                 | Feature | New    | Normal   | decode numeric SW in case of errors                                | dexter   | 12/11/2023 01:01 PM |                  |
| 5550 | pySim                                 | Bug     | New    | Normal   | EF.ARR file decoding would need to be context dependent            | chrysn   | 06/24/2022 08:50 AM |                  |
| 6340 | pySim                                 | Bug     | New    | Low      | exception when using osmo-smdpp with python 3.9                    | laforge  | 02/15/2024 09:29 PM |                  |
| 6315 | pySim                                 | Feature | New    | Low      | have test data for all supported files                             |          | 12/23/2023 09:36 AM |                  |
| 6086 | pySim                                 | Feature | New    | Low      | implement features of sysmo-{usim,ism}-tool                        | laforge  | 07/13/2023 04:09 AM |                  |
| 5235 | pySim                                 | Feature | New    | Low      | import / export as eUICC profile package ASN.1                     |          | 06/09/2023 04:55 PM |                  |
| 6316 | pySim                                 | Feature | New    | Normal   | include test data in user manual                                   |          | 12/23/2023 03:10 PM |                  |
| 1919 | pySim                                 | Bug     | New    | Low      | issue with grcardsim from Greencard (grcard.cn)                    |          | 08/17/2017 06:45 AM |                  |
| 6418 | pySim                                 | Bug     | New    | Normal   | osmo-smdpp docs  |          | 03/25/2024 05:54 PM |                  |
| 6367 | pySim                                 | Feature | New    | Normal   | PC/SC <-> Android OMAPI bridge for pySim and others                |          | 02/17/2024 01:34 PM |                  |
| 5878 | pySim                                 | Bug     | New    | Normal   | pySim shell: version fails with DistributionNotFound               | fixeria  | 10/06/2023 09:03 AM |                  |
| 5976 | pySim                                 | Feature | New    | Low      | pySim-prog: do not program linked files multiple times             | dexter   | 03/27/2023 04:05 PM |                  |
| 5267 | pySim                                 | Feature | New    | Normal   | pySim-shell: Ability to deactivate entire applications on the card |          | 10/14/2021 07:12 PM | Related to #5268 |
| 5268 | pySim                                 | Feature | New    | Normal   | pySim-shell: GlobalPlatform SCP02 support                          | laforge  | 10/14/2021 07:12 PM | Related to #5268 |
| 6314 | pySim                                 | Bug     | New    | Low      | pySim-trace doesn't support ARA-M                                  |          | 12/23/2023 09:36 AM |                  |
| 6104 | pySim                                 | Feature | New    | Low      | reduce number of python dependencies                               |          | 07/20/2023 04:28 PM |                  |

| #    | Project | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues                              |
|------|---------|---------|--------|----------|--|-----------|---------------------|---|
| 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                            |
| 5127 | pySim   | Feature | New    | Normal   | tool for "re-formatting" [sysmocom] cards in tester  | laforge   | 10/14/2021 07:16 PM | Related to #5127                            |
| 5662 | OsmoUPF | Feature | New    | Normal   | add Linux kernel options to manual   |           | 08/24/2022 03:13 PM |   |
| 5682 | OsmoUPF | Feature | New    | Low      | cfg: separate PFCP Node ID from PFCP local address   |           | 09/17/2022 02:21 PM | Related to #5682                            |
| 5814 | OsmoUPF | Feature | New    | Normal   | tunmap: more concisely match on GTP-U packets  |           | 12/06/2022 07:30 PM |   |
| 6231 | OsmoTRX | Feature | New    | Normal   | add support / calibration values for AntSDR E200   | roh       | 10/21/2023 03:25 PM |   |
| 4504 | OsmoTRX | Feature | New    | Low      | Buidl LimeSuite without GUI in osmocom feeds   |           | 09/30/2020 08:08 PM |   |
| 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                            |
| 5050 | OsmoTRX | Bug     | New    | Normal   | How can I solve limesdr mini clock problem with osmocom ?  |           | 02/27/2021 01:55 PM |   |
| 5283 | OsmoTRX | Feature | New    | Normal   | Implement TRXDv2 support   | fixeria   | 10/27/2021 10:35 PM | Related to #5283                            |
| 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                       |
| 5178 | OsmoTRX | Bug     | New    | Normal   | LimeNET Micro clock error  | Hoernchen | 09/15/2021 09:42 AM |   |
| 4637 | OsmoTRX | Bug     | New    | Normal   | limesdr usb gain setting changes break gsm phasenoise constraints  |           | 06/29/2020 04:43 PM |   |
| 4622 | OsmoTRX | Bug     | New    | High     | Lots of "dumping STALE burst in TRX->SDR interface" messages in osmo-trx after osmo-bts-trx proper restart | Hoernchen | 07/06/2020 11:57 AM |   |
| 3345 | OsmoTRX | Feature | New    | Low      | merge ms branch  |           | 06/13/2018 07:16 PM |   |
| 3344 | OsmoTRX | Feature | New    | Normal   | merge ttsou/siggen   |           | 06/13/2018 07:26 PM |   |
| 2430 | OsmoTRX | Feature | New    | Low      | osmo-trx support bladerf   |           | 02/14/2023 01:39 PM | Is duplicate of #2430,Is duplicate of #2430 |
| 3067 | OsmoTRX | Bug     | New    | Normal   | osmo-trx usrp b100 time out and packet loss between host and device  | ttsou     | 03/15/2018 06:36 PM |   |
| 3949 | OsmoTRX | Bug     | New    | Normal   | osmo-trx-lms: improve runtime gain setting (missing calibration)   |           | 09/30/2020 08:08 PM | Related to #4468                            |
| 3981 | OsmoTRX | Bug     | New    | Normal   | osmo-trx-lms: Overruns appear from time to time  |           | 09/30/2020 08:08 PM | Related to #3981                            |
| 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 |   |
| 5228 | OsmoTRX | Feature | New    | Low      | osmo-trx: Missing unit tests for computeCI() and computeEdgeCI()   | Hoernchen | 11/07/2022 06:23 PM |   |
| 3962 | OsmoTRX | Feature | New    | Low      | osmo-trx: Use gcc attribute no_sanitize to run fine with ASan enabled                                      |           | 08/26/2019 02:04 PM |   |

| #    | Project  | Tracker | Status | Priority | Subject  | Assignee  | Updated             | Related issues  |
|------|----------|---------|--------|----------|--|-----------|---------------------|---|
| 3061 | OsmoTRX  | Bug     | New    | Normal   | OsmoTRX ARM chroot build jobs failing due to proot bug                                   | pespin    | 12/02/2019 04:54 PM | Related to #3766,Related to #4301                       |
| 3141 | OsmoTRX  | Bug     | New    | Normal   | Refactor / clean up TRX CTRL / DATA interfaces implementation                            |           | 04/05/2018 05:46 PM |   |
| 5859 | OsmoTRX  | Feature | New    | Normal   | remove non-neon and non-sse support  | Hoernchen | 01/16/2023 10:17 PM |   |
| 3033 | OsmoTRX  | Feature | New    | Low      | Split wiki page into multiple smaller pages  |           | 03/05/2018 11:28 AM |   |
| 4275 | OsmoSTP  | Feature | New    | Low      | Add TTCN3 STP_Tests_IPA.TC_tmt_broadcast   | pespin    | 12/01/2019 11:04 AM |   |
| 4274 | OsmoSTP  | Bug     | New    | Normal   | AS Name isn't displayed  |           | 03/14/2024 10:33 AM |   |
| 3604 | OsmoSTP  | Feature | New    | Normal   | Global Title Routing   |           | 07/18/2019 05:15 AM |   |
| 3605 | OsmoSTP  | Feature | New    | Normal   | Global Title Translation   |           | 07/18/2019 05:15 AM |   |
| 3603 | OsmoSTP  | Feature | New    | Low      | M2PA support   |           | 10/03/2018 08:58 AM | Related to #3603  |
| 3602 | OsmoSTP  | Feature | New    | Low      | M2UA support   |           | 09/30/2018 08:00 AM |   |
| 3609 | OsmoSTP  | Feature | New    | Low      | Support for C-Link   |           | 10/03/2018 08:58 AM |   |
| 3607 | OsmoSTP  | Feature | New    | Normal   | Support for capability point codes   |           | 10/03/2018 08:58 AM |   |
| 3606 | OsmoSTP  | Feature | New    | Normal   | Support for multiple NI (network indicator)  |           | 10/03/2018 08:58 AM |   |
| 1623 | OsmoSMSC | Feature | New    | Normal   | Configure delivery report for the SMPP delivery links                                    | zecke     | 02/24/2016 01:49 PM |   |
| 1689 | OsmoSMSC | Feature | New    | Normal   | insert: Change destination number based on criteria similar to route handling on output  | zecke     | 04/06/2016 12:18 PM |   |
| 1690 | OsmoSMSC | Bug     | New    | Normal   | Insert: Generate message ID (e.g. UUID)  | zecke     | 04/06/2016 12:26 PM |   |
| 6176 | OsmoSGSN | Bug     | New    | Low      | build failure (dependency / concurrency issue)   |           | 09/13/2023 03:14 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 |   |
| 4599 | OsmoSGSN | Bug     | New    | Normal   | counter group sgsn:pdpcx already exists for index X, instead using Y                     |           | 09/09/2020 10:05 AM | Related to #4604  |
| 5487 | OsmoSGSN | Feature | New    | Low      | get rid of osmo-ih.git's iu_client API and absorb into OsmoSGSN                          |           | 03/10/2022 06:05 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  |
| 1585 | OsmoSGSN | Feature | New    | Low      | Gn interface for inter-SGSN MM Context transfer  |           | 09/22/2023 02:42 PM | Related to #5759,Related to #6294,Is duplicate of #1585 |
| 1583 | OsmoSGSN | Feature | New    | Normal   | Gs interface (BSSMAP+) between SGSN and MSC/VLR  |           | 06/13/2020 05:52 PM | Related to #1583,Related to #1583,Related to #4485      |
| 2692 | OsmoSGSN | Bug     | New    | Low      | HLR string in CDR and VTY is empty   | pespin    | 09/30/2018 11:39 AM |   |



| #    | Project  | Tracker | Status | Priority | Subject   | Assignee | Updated             | Related issues  |
|------|----------|---------|--------|----------|---|----------|---------------------|---|
| 4222 | OsmoSGSN | Bug     | New    | High     | Implement PS Paging for the Routing Areas   |          | 10/03/2020 02:20 PM | Related to #4222  |
| 1586 | OsmoSGSN | Feature | New    | Normal   | Implement QoS profile support   |          | 02/23/2016 03:45 PM |   |
| 1588 | OsmoSGSN | Feature | New    | Normal   | Inter-RAT hand-over   |          | 02/23/2016 03:46 PM |   |
| 3696 | OsmoSGSN | Bug     | New    | Normal   | Intermittent Connection Drop  |          | 01/08/2020 10:48 PM |   |
| 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  |
| 3923 | OsmoSGSN | Bug     | New    | Normal   | lu: Respond to SecurityCommandReject messages                                       |          | 04/24/2019 08:26 AM | Related to #3923  |
| 1818 | OsmoSGSN | Bug     | New    | Normal   | luPS: CN should lu Release in certain situations                                    |          | 01/08/2020 10:47 PM | Related to #1818,Related to #3302,Related to #3908                  |
| 5509 | OsmoSGSN | Bug     | New    | Normal   | llc/pdu lifetime: add vty config option to define default lifetime                  |          | 03/31/2022 04:11 PM |   |
| 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 |
| 2962 | OsmoSGSN | Bug     | New    | Normal   | Missing TTCN-3 test cases   |          | 01/08/2020 10:47 PM |   |
| 3688 | OsmoSGSN | Feature | New    | Low      | move generic gtpub code to libosmocore  |          | 04/15/2019 07:29 AM |   |
| 2955 | OsmoSGSN | Bug     | New    | High     | No GMM ATTACH REJECT on GSUP UpdateLocation Error                                   | lynxis   | 09/10/2019 07:39 PM |   |
| 2957 | OsmoSGSN | Bug     | New    | Normal   | No timeout during GSUP PURGE MS to HLR  |          | 01/08/2020 10:47 PM |   |
| 2953 | OsmoSGSN | Bug     | New    | Normal   | No timeout waiting for UpdateLocation Response on GSUP                              |          | 01/08/2020 10:47 PM | Related to #2952  |
| 5398 | OsmoSGSN | Bug     | New    | Normal   | Null pointer access at "uctx" in ranap_iu_tx  | pespin   | 01/10/2022 01:14 PM |   |
| 3403 | OsmoSGSN | Bug     | New    | Normal   | osmo-sgsn doesn not connect properly with via SCCP when restarted                   | lynxis   | 02/07/2021 12:57 PM | Related to #3403  |
| 5852 | OsmoSGSN | Bug     | New    | Normal   | osmo-sgsn: Keep TLLI<->NSEI+BVC1 relation knowledge in BSSGP layer                  |          | 01/11/2023 03:08 PM |   |
| 5853 | OsmoSGSN | Feature | New    | Normal   | osmo-sgsn: Rework to use libosmo-gprs   |          | 01/11/2023 03:14 PM |   |
| 2960 | OsmoSGSN | Bug     | New    | Normal   | OsmoSGSN confirms PDP CTX ACT to MS/Gb despite missing conditional IEs on GTP       |          | 01/08/2020 10:48 PM |   |
| 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  |
| 2959 | OsmoSGSN | Bug     | New    | Low      | OsmoSGSN puts bogus LAC/RAC in GTP Create PDP CTX ACT REQ                           | osmith   | 09/30/2018 11:41 AM |   |
| 4631 | OsmoSGSN | Bug     | New    | Low      | packet/byte counters don't work for 3G  |          | 06/24/2020 06:58 AM |   |
| 33   | OsmoSGSN | Feature | New    | Low      | real LLC implementation with fragmentation and re-transmissions                     |          | 11/09/2016 09:45 AM |   |

| #    | Project  | Tracker | Status | Priority | Subject  | Assignee | Updated             | Related issues                                     |
|------|----------|---------|--------|----------|--|----------|---------------------|--|
| 2305 | OsmoSGSN | Bug     | New    | Normal   | review 'laforge/santos' branch and check if there are pending fixes                    |          | 01/08/2020 10:56 PM |  |
| 4825 | OsmoSGSN | Bug     | New    | Normal   | security command is missing sometimes  |          | 10/22/2020 02:40 AM |  |
| 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 |
| 3689 | OsmoSGSN | Bug     | New    | Normal   | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)  |          | 04/09/2019 11:21 AM |  |
| 6294 | OsmoSGSN | Feature | New    | High     | Support GN/Gp interoperation procedures between SGSN and MME                           | daniel   | 03/27/2024 01:00 PM | Related to #6294                                   |
| 6139 | OsmoSGSN | Feature | New    | Normal   | test mobility between GERAN (OsmoPCU) and EUTRAN (Open5GS) end to end on real hardware | dexter   | 04/02/2024 09:38 AM |  |

...