

## Issues

| #    | Project                                      | Tracker | Status      | Priority | Subject                                                                                              | Assignee | Updated             | Related issues                                                                       |
|------|----------------------------------------------|---------|-------------|----------|------------------------------------------------------------------------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------|
| 1983 | rtl-sdr                                      | Support | New         | Normal   | Add welle.io and rtl_fm_streamer to rtl-sdr app list                                                 |          | 06/03/2018 12:24 PM |                                                                                      |
| 2504 | OsmoGSMTester                                | Support | New         | Normal   | check whether running osmo-* from docker images is feasible on osmo-gsm-tester                       |          | 04/06/2020 11:28 AM |                                                                                      |
| 4581 | OsmocomBB                                    | Support | New         | Normal   | compiler error assert.h no such file                                                                 |          | 06/05/2020 09:54 AM |                                                                                      |
| 3931 | OsmoGSMTester                                | Support | New         | Normal   | Contact quectel to get info about modem updates (hopefully less crashes)                             |          | 01/08/2020 10:56 PM | Related to #3931                                                                     |
| 6434 | E1/T1 Hardware Interface (including icE1usb) | Support | New         | Normal   | D-channel do not recover after underrun                                                              |          | 04/07/2024 09:07 AM |                                                                                      |
| 1627 | OsmocomBB                                    | Support | Stalled     | Low      | DCS_8BIT and DCS_UCS2 encoding supprot                                                               |          | 07/16/2018 06:53 PM |                                                                                      |
| 3751 | OsmoBTS                                      | Support | New         | Normal   | Ensure BTS Tests.ttcn results of OC-2G resemble what we know/expect from osmo-bts-{sysmo,trx}        |          | 12/01/2019 10:52 AM |                                                                                      |
| 4333 | Cellular Network Infrastructure              | Support | Feedback    | Normal   | GSUP binary compatibility: add GSUP protocol version IE?                                             |          | 12/16/2019 01:56 PM | Related to #4333,Related to #4333,Related to #4333                                   |
| 4737 | Distributed GSM                              | Support | New         | Low      | How to configure Queries gsup.hlr.123456789.imsi, sip.voice.123.msisdn, smpp.sms.123.msisdn          |          | 08/31/2020 11:10 AM |                                                                                      |
| 4135 | Qualcomm Linux Modems by Quectel & Co        | Support | New         | Normal   | how to use network inside ec20                                                                       |          | 07/31/2019 11:20 AM |                                                                                      |
| 2677 | libosmocore                                  | Support | New         | Normal   | Make stat_item available over ctrl interface                                                         |          | 09/04/2019 09:21 AM | Related to #2676                                                                     |
| 3819 | gr-osmosdr                                   | Support | New         | Urgent   | OSMO SDR blocks for GNUradio                                                                         |          | 02/28/2019 06:00 PM |                                                                                      |
| 2764 | SDR (Software Defined Radio)                 | Support | New         | Normal   | osmocom_fft & siggen can't access the X display                                                      |          | 12/15/2017 06:09 PM |                                                                                      |
| 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 |
| 2622 | OsmoBSC                                      | Support | Stalled     | High     | Prepare automatic interop testing of OmsoBSC against NG40 core simulator + osmo-bts-virtual + mobile |          | 09/04/2019 09:18 AM | Related to #2478,Related to #2558,Related to #2555                                   |
| 4471 | OsmocomBB                                    | Support | New         | Normal   | Received FTMT00L from phone, ramloader has aborted                                                   |          | 03/29/2020 11:18 AM |                                                                                      |
| 4080 | rtl-sdr                                      | Support | New         | Normal   | Receiving UTAs on 978 Mhz                                                                            |          | 07/02/2019 12:08 PM |                                                                                      |
| 3863 | OsmoBTS                                      | Support | Stalled     | Normal   | setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb                    |          | 12/01/2019 10:52 AM |                                                                                      |
| 4612 | OsmoMSC                                      | Support | New         | Normal   | test handover on non-voice call conn (no CC transaction present)                                     |          | 06/14/2020 12:21 PM |                                                                                      |

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|------|---------------------------------------|---------|--------|----------|------------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 4308 | Distributed GSM                       | Support | New    | High     | thoughts about incorporating credit / billing in D-GSM                                               |          | 12/04/2019 04:08 PM |                                   |
| 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 |                                   |
| 4961 | osmo-gbproxy                          | Feature | New    | Normal   | gbproxy support for "network sharing" via MOCN                                                       |          | 01/20/2021 08:38 PM |                                   |
| 5483 | Open Source IMS Client                | Feature | New    | Normal   | SIM card interface for strongswan                                                                    |          | 03/07/2022 03:19 PM |                                   |
| 5395 | OsmocomDECT                           | Feature | New    | Normal   | Support for LMX3161                                                                                  |          | 01/09/2022 12:55 PM |                                   |
| 5526 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | ability to generate GSMTAP traces from osmo-e1d                                                      |          | 07/29/2023 07:23 AM |                                   |
| 5372 | osmo-lab-rack                         | Feature | New    | Low      | AC power supply                                                                                      |          | 12/23/2021 06:33 PM |                                   |
| 2160 | OP25                                  | Feature | New    | High     | Add "datascope" to usrp_p25_rx.py                                                                    |          | 04/22/2017 04:16 PM |                                   |
| 2913 | OsmocomBB                             | Feature | New    | Low      | Add a tool that decodes Cell Broadcasts (SMSCB)                                                      |          | 09/29/2018 09:31 AM | Related to #3564                  |
| 1946 | OsmoBSC                               | Feature | New    | Low      | Add checks to the BSC VTY to prevent configurations known to not work                                |          | 10/20/2020 08:40 AM | Related to #1614                  |
| 3019 | OsmoHLR                               | Feature | New    | Low      | add config for number of auth tuples returned                                                        |          | 06/23/2018 06:58 PM |                                   |
| 5323 | Core testing infrastructure           | Feature | New    | Normal   | Add docker image containing titan.core master                                                        |          | 12/15/2021 04:43 PM | Related to #6187                  |
| 5662 | OsmoUPF                               | Feature | New    | Normal   | add Linux kernel options to manual                                                                   |          | 08/24/2022 03:13 PM |                                   |
| 3038 | multi-voltage USB UART                | Feature | New    | Normal   | Add mounting holes?                                                                                  |          | 03/07/2018 02:12 AM |                                   |
| 2391 | OsmoMSC                               | Feature | New    | Low      | add osmocom specific TLVs to A-interface for BTS/TS and subscriber details                           |          | 10/02/2018 03:40 PM |                                   |
| 4587 | Cellular Network Infrastructure       | Feature | New    | Low      | Add port numbers to /etc/services during installation                                                |          | 06/08/2020 10:28 AM | Related to #5013                  |
| 2166 | OP25                                  | Feature | New    | High     | Add support for Max's I/Q 455khz downconverter                                                       |          | 04/22/2017 04:15 PM |                                   |
| 1555 | OsmoPCU                               | Feature | New    | Low      | Add support for unacknowledged RLC Mode                                                              |          | 01/22/2020 02:59 PM |                                   |
| 2707 | OsmoGSMTester                         | Feature | New    | Normal   | Add support for verifying content of log files after test is run                                     |          | 12/04/2017 05:05 PM |                                   |
| 4128 | OsmoHNBGW                             | Feature | New    | Low      | Add support of Huawei hNodeB protocol                                                                |          | 07/24/2019 03:39 PM |                                   |
| 4806 | osmo-ccid-firmware                    | Feature | New    | Low      | Add support of T=1?                                                                                  |          | 10/15/2020 03:40 PM |                                   |
| 2271 | OsmoGSMTester                         | Feature | New    | Low      | add test names to pick to the -s cmdline option                                                      |          | 05/18/2017 12:32 PM |                                   |
| 2399 | OsmoGSMTester                         | Feature | New    | Normal   | add tests for graceful restart of individual components                                              |          | 07/25/2017 12:02 AM |                                   |
| 4541 | OsmoBSC                               | Feature | New    | Normal   | add ttcn3 tests for situations of Abis latency spikes, where chan act/deact ACK messages arrive late |          | 11/20/2023 05:03 PM | Related to #4541,Related to #6375 |
| 1857 | OsmoBSC                               | Feature | New    | Normal   | aggregate and report OML ALERT messages received from BTSs                                           |          | 12/10/2017 08:16 PM | Related to #1615,Related to #1605 |
| 5813 | OsmoHNBGW                             | Feature | New    | Low      | Alcatel-Lucent femtocells available in Europe                                                        |          | 03/09/2024 07:09 PM |                                   |

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|------|---------------------------------------|---------|---------|----------|----------------------------------------------------------------------------------------------------|----------|---------------------|-------------------------------------------------------------|
| 6000 | OsmoMSC                               | Feature | New     | Normal   | Allow emergency calls without IMSI (using IMEI as MI)                                              |          | 04/12/2023 11:03 AM | Related to #6000                                            |
| 4014 | OsmoBTS                               | Feature | New     | Low      | Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX           |          | 05/21/2019 12:07 PM |                                                             |
| 3470 | OsmoMSC                               | Feature | New     | Low      | Allow sending "Emergency Number List IE" in LU ACCEPT                                              |          | 09/01/2018 08:18 PM | Related to #3470                                            |
| 2612 | OsmoGSMTester                         | Feature | New     | Low      | Allow skipping pcaps by configuration if access to tcpdump is not wanted                           |          | 04/06/2020 11:25 AM |                                                             |
| 2798 | linmodem                              | Feature | New     | Normal   | ALSA Soundcard Support                                                                             |          | 01/01/2018 12:02 PM |                                                             |
| 4455 | OP25                                  | Feature | New     | Normal   | AMBE CODEC                                                                                         |          | 03/28/2020 09:53 PM |                                                             |
| 4989 | OsmoBTS                               | Feature | New     | Low      | AMR RATSCCH support                                                                                |          | 01/28/2021 01:41 PM |                                                             |
| 4479 | IMSI Pseudonymization                 | Feature | New     | Normal   | Applet: change IMSI after receiving SMS                                                            |          | 04/16/2020 08:45 AM |                                                             |
| 4486 | IMSI Pseudonymization                 | Feature | New     | Normal   | Applet: gracefully handle case where timer is set twice                                            |          | 04/16/2020 08:45 AM |                                                             |
| 4478 | IMSI Pseudonymization                 | Feature | New     | Normal   | Applet: proper warning after too many LU with same IMSI                                            |          | 04/16/2020 08:45 AM | Related to #4478                                            |
| 4481 | IMSI Pseudonymization                 | Feature | New     | Low      | Applet: test various REFRESH qualifiers to possibly shorten the time for changing the IMSI         |          | 04/16/2020 08:45 AM |                                                             |
| 1530 | OsmoPCU                               | Feature | New     | Low      | Assign same TFI number in downlink/uplink                                                          |          | 01/26/2020 08:50 AM |                                                             |
| 1837 | OsmoBTS                               | Feature | New     | Low      | autogenerate dtx_dl_amr_fsm.*                                                                      |          | 03/01/2018 11:17 PM |                                                             |
| 5865 | OsmoHLR                               | Feature | New     | Low      | Automate selection of LU Reject Cause                                                              |          | 02/16/2023 10:36 AM |                                                             |
| 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 |
| 6394 | OsmoUPF                               | Feature | Stalled | Low      | Basic URR (Usage Reporting Rule) support for tunnel mapping                                        |          | 03/22/2024 08:08 AM | Related to #6395                                            |
| 6401 | libosmocore                           | Feature | New     | Low      | benchmark batching io_uring operations                                                             |          | 03/14/2024 08:10 AM |                                                             |
| 3831 | OsmoBSC                               | Feature | New     | Low      | BSC support for "network sharing" via MOCN                                                         |          | 01/20/2021 10:03 AM | Related to #4473                                            |
| 1600 | OsmoBSC                               | Feature | New     | Low      | BSC: Make SI / rest octests more configurable                                                      |          | 12/10/2017 08:04 PM |                                                             |
| 4504 | OsmoTRX                               | Feature | New     | Low      | Buidl LimeSuite without GUI in osmocom feeds                                                       |          | 09/30/2020 08:08 PM |                                                             |
| 5546 | OCTOI - Osmocom Community TDM over IP | Feature | New     | Normal   | build frame relay "hub" similar to ISDN "hub"                                                      |          | 04/24/2022 03:03 PM |                                                             |
| 3229 | Cellular Network Infrastructure       | Feature | New     | Low      | build-system: jenkins.sh: Improve debian package generation test coverage during gerrit submission |          | 05/08/2019 02:36 PM | Related to #3228                                            |
| 25   | OsmoMSC                               | Feature | New     | Low      | Call HOLD / RETRIEVE support for internal MNCC                                                     |          | 08/01/2019 03:06 PM |                                                             |
| 5721 | OsmoCBC                               | Feature | New     | Normal   | CBC messages Geographical Scope and CBS Index                                                      |          | 10/19/2022 07:23 AM |                                                             |
| 4196 | OsmoMSC                               | Feature | New     | Normal   | CC Setup, Call Confirmed: decode and use the Supported Codec List IE                               |          | 09/25/2019 05:27 PM |                                                             |
| 5682 | OsmoUPF                               | Feature | New     | Low      | cfg: separate PFCP Node ID from PFCP local address                                                 |          | 09/17/2022 02:21 PM | Related to #5682                                            |

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|------|----------------------------------------------|---------|--------|----------|----------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------|
| 5647 | OsmoHNBGW                                    | Feature | New    | Normal   | cfg: separate PFCP Node ID from PFCP local address                                                 |          | 08/17/2022 03:38 PM | Related to #5648, Related to #5682 |
| 4846 | OsmoPCU                                      | Feature | New    | Normal   | change RBB received block bitmap into 1s when everything was acked                                 |          | 11/04/2020 02:29 AM |                                    |
| 3988 | OsmoMSC                                      | Feature | New    | Low      | change the remaining DEBUGP() statements to LOG_MSC_A() / LOG_MSC_A_CAT()                          |          | 05/08/2019 03:26 PM |                                    |
| 1659 | OsmoBSC                                      | Feature | New    | Low      | Check encoding of SI at time parameters are entered from VTY, not just at generation time          |          | 12/10/2017 08:06 PM |                                    |
| 1814 | Qualcomm Linux Modems by Quectel & Co        | Feature | New    | Low      | check if qtools work                                                                               |          | 10/02/2016 04:08 AM |                                    |
| 2462 | OsmoBSC                                      | Feature | New    | Low      | clarify lchan->encr.alg_id                                                                         |          | 08/24/2017 01:27 PM | Related to #2462                   |
| 3738 | OsmoMSC                                      | Feature | New    | Normal   | Clarify PS-part of struct vlr_subscr                                                               |          | 12/19/2018 12:34 PM |                                    |
| 2011 | Cellular Network Infrastructure              | Feature | New    | Low      | clean-up / merge IPA (and IPA CCM) code of libosmocore, libosmo-abis, libosmo-netif, openbsc, etc. |          | 12/07/2022 04:11 PM | Related to #4841                   |
| 5908 | Cellular Network Infrastructure              | Feature | New    | Low      | Cleanup license information throughout the projects                                                |          | 02/16/2023 11:02 AM |                                    |
| 1692 | OsmoBTS                                      | Feature | New    | Low      | clock source monitoring                                                                            |          | 04/13/2016 09:49 AM |                                    |
| 1546 | OsmoPCU                                      | Feature | New    | Low      | closed loop uplink power control                                                                   |          | 09/30/2020 08:05 PM |                                    |
| 5370 | osmo-lab-rack                                | Feature | New    | Low      | component carrier USB hub                                                                          |          | 12/23/2021 06:30 PM |                                    |
| 5371 | osmo-lab-rack                                | Feature | New    | Low      | component carrier USB-UART                                                                         |          | 12/23/2021 06:31 PM |                                    |
| 4915 | osmo-e1d                                     | Feature | New    | Low      | consider a one-thread-per-line architecture                                                        |          | 07/29/2023 07:31 AM |                                    |
| 1576 | OsmoBTS                                      | Feature | New    | Low      | consider using hLayer2 as a pointer storage                                                        |          | 02/02/2017 04:11 PM | Related to #1755                   |
| 6402 | libosmocore                                  | Feature | New    | Low      | consider using IORING_RECVSEND_POLL_FIRST for our socket-reads                                     |          | 03/14/2024 08:21 AM |                                    |
| 5543 | Retronetworking                              | Feature | New    | Normal   | Contact manufacturers for leftover stock                                                           |          | 06/27/2023 09:05 PM |                                    |
| 1903 | OsmoPCU                                      | Feature | New    | Low      | convert c++ -> c                                                                                   |          | 03/23/2020 10:48 PM |                                    |
| 6303 | OsmoPCU                                      | Feature | New    | Low      | Convert pcuif to TLV to make backwards compatibility more feasible                                 |          | 02/15/2024 09:23 PM |                                    |
| 4336 | OsmoMSC                                      | Feature | New    | Normal   | Convert vlr_lu_fsm.c to use osmo_tdef (and drop vlr_timer())                                       |          | 01/02/2020 05:32 PM | Related to #4337                   |
| 5446 | Cellular Network Infrastructure              | Feature | New    | Normal   | correlate git version to ttcn3 tests                                                               |          | 02/07/2022 09:40 PM | Related to #5446                   |
| 6417 | E1/T1 Hardware Interface (including icE1usb) | Feature | New    | Normal   | CRC4 configuration                                                                                 |          | 03/22/2024 09:02 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 |                                    |
| 3658 | Cellular Modem Information                   | Feature | New    | Low      | Create a "osmocom-bb-host-latest" docker container                                                 |          | 12/01/2019 09:07 AM | Related to #3658                   |

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|------|---------------------------------|---------|---------|----------|-------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 2158 | OP25                            | Feature | New     | High     | Create a shared library for decoding for WireShark and the decoder.           |          | 04/22/2017 04:16 PM |                                   |
| 2697 | osmo-qcdiag                     | Feature | New     | Normal   | Create and add debian packages for osmo-qcdiag to osmocom debian repositories |          | 11/30/2017 06:03 PM |                                   |
| 2806 | UUCP and UseNet                 | Feature | New     | Low      | Create Dockerfile and/or ansible playbook for UseNet node                     |          | 01/01/2018 01:04 PM |                                   |
| 5746 | Retronetworking                 | Feature | New     | Low      | Create H.221 decoder                                                          |          | 11/07/2022 10:55 PM |                                   |
| 5484 | Open Source IMS Client          | Feature | New     | Normal   | create setup for nested IPsec (doubango on top of StrongSWAN)                 |          | 03/07/2022 11:19 AM |                                   |
| 6167 | OsmoBTS                         | Feature | New     | Low      | csd_v110: implement rate adaptation for TCH/F14.4                             |          | 09/01/2023 11:58 AM | Related to #6167,Related to #6346 |
| 4053 | libosmocore                     | Feature | New     | Low      | CTRL: Add CTRL cmd introspection to print documentation                       |          | 01/08/2020 10:21 PM | Related to #4053,Related to #4443 |
| 2804 | linmodem                        | Feature | New     | Low      | DAHDI interface                                                               |          | 01/01/2018 12:27 PM |                                   |
| 4150 | OsmoMGW                         | Feature | New     | Low      | dead code / If an MDCX omits SDP, all codec config might be cleared           |          | 08/13/2019 11:01 PM |                                   |
| 5128 | Core testing infrastructure     | Feature | New     | Low      | dec_RlcmacDlCtrlBlock: Get rid of annoying warning about remaining padding    |          | 12/09/2021 09:14 PM |                                   |
| 4376 | Cellular Network Infrastructure | Feature | New     | Normal   | Define distinct X timer numbers across all osmo programs                      |          | 01/23/2020 09:21 PM |                                   |
| 5762 | Core testing infrastructure     | Feature | New     | Normal   | Develop TTCN-3 test suite for PGW                                             |          | 11/10/2022 06:38 PM |                                   |
| 5761 | Core testing infrastructure     | Feature | New     | Normal   | Develop TTCN-3 test suite for SGW                                             |          | 11/09/2022 09:49 PM |                                   |
| 4415 | OsmoGGSN (former OpenGGSN)      | Feature | New     | Normal   | Document in OsmoGGSN User Manual the IPv6 allocation process over GTP         |          | 02/25/2020 03:05 PM |                                   |
| 1547 | OsmoPCU                         | Feature | New     | Normal   | downlink power control on PDTCH                                               |          | 02/23/2016 03:04 PM |                                   |
| 1549 | OsmoPCU                         | Feature | New     | Normal   | DRX support for GPRS                                                          |          | 02/04/2017 08:11 AM | Related to #1942                  |
| 4551 | OsmoMGW                         | Feature | New     | Normal   | Dynamic/runtime allocation of new endpoints                                   |          | 05/14/2020 10:56 PM |                                   |
| 5545 | Retronetworking                 | Feature | New     | Low      | E1 support for dynamips                                                       |          | 04/24/2022 09:56 AM |                                   |
| 1560 | OsmoPCU                         | Feature | New     | High     | EDGE benchmarking / performance optimization / tuning                         |          | 01/08/2020 10:31 PM |                                   |
| 5183 | OsmoHLR                         | Feature | New     | Low      | EIR functionality                                                             |          | 06/16/2021 06:22 AM | Related to #5183                  |
| 1716 | libosmocore                     | Feature | New     | Normal   | enhance unit test coverage                                                    |          | 08/17/2016 03:57 PM | Related to #1987,Precedes #1717   |
| 1573 | OsmoBTS                         | Feature | New     | Low      | ENHANCED MEASUREMENT REPORT                                                   |          | 07/19/2021 04:13 PM |                                   |
| 1823 | OsmoPCU                         | Feature | Stalled | Low      | Ericsson PCU TRAU frame encoding/decoding                                     |          | 09/04/2019 09:26 AM | Related to #5198                  |
| 5586 | OsmoBSC                         | Feature | New     | Normal   | Ericsson RBS could recover Unlocked state without osmo-bsc restart            |          | 06/21/2022 10:23 PM | Related to #5983                  |
| 3687 | OsmoMSC                         | Feature | New     | Normal   | Expand "show bsc" command                                                     |          | 11/11/2018 09:50 PM |                                   |

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|------|---------------------------------|---------|--------|----------|-----------------------------------------------------------------------------------|----------|---------------------|---------------------------------------------------------------------|
| 3779 | Cellular Network Infrastructure | Feature | New    | Low      | explore providing a VM image with all of osmocom CNI and related tools installed  |          | 02/04/2019 09:52 AM |                                                                     |
| 5520 | osmo-e1d                        | Feature | New    | Low      | exponential back-off on octoi client reconnect attempts                           |          | 07/29/2023 07:30 AM |                                                                     |
| 4591 | libosmocore                     | Feature | New    | Normal   | Export FSM states and statistics with counters                                    |          | 03/24/2021 12:34 PM |                                                                     |
| 4590 | libosmocore                     | Feature | New    | Normal   | Export talloc data as counters for better memory leakage monitoring in production |          | 09/12/2022 03:53 PM |                                                                     |
| 1590 | Cellular Network Infrastructure | Feature | New    | Low      | Extension of Control Interface / external SNMP agent                              |          | 07/18/2019 05:22 AM |                                                                     |
| 4813 | OsmoPCU                         | Feature | New    | Low      | FANR (Fast ACK/NACK Reporting) support                                            |          | 10/16/2020 08:46 AM |                                                                     |
| 4574 | OsmoHNBGW                       | Feature | New    | Low      | Femtocell choice in 2020/06                                                       |          | 03/09/2024 07:09 PM |                                                                     |
| 6239 | libosmo-sccp + libosmo-sigtran  | Feature | New    | Normal   | finally deprecate libosmo-sccp (headers, static lib)                              |          | 10/31/2023 07:31 PM |                                                                     |
| 2157 | OP25                            | Feature | New    | High     | Fix "traffic" tab so it displays data for non-HDU data units                      |          | 04/22/2017 04:16 PM |                                                                     |
| 3142 | Cellular Network Infrastructure | Feature | New    | Low      | Further simplification of "NITB like" setups                                      |          | 04/05/2018 08:09 PM |                                                                     |
| 4893 | osmo-gbproxy                    | Feature | New    | Low      | gbproxy2: Make feature bitmap configurable                                        |          | 12/08/2020 07:55 AM | Related to #4893                                                    |
| 1987 | libosmocore                     | Feature | New    | Normal   | gcov code coverage test support                                                   |          | 12/01/2019 01:42 PM | Related to #1987,Is duplicate of #1987                              |
| 1596 | Cellular Network Infrastructure | Feature | New    | Low      | Generation of accounting/billing data                                             |          | 12/10/2017 08:03 PM |                                                                     |
| 5487 | OsmoSGSN                        | Feature | New    | Low      | get rid of osmo-juh.git's iu_client API and absorb into OsmoSGSN                  |          | 03/10/2022 06:05 PM |                                                                     |
| 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 |                                                                     |
| 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             |
| 5505 | OsmocomBB                       | Feature | New    | Normal   | GPRS mobility (cell change) support                                               |          | 07/01/2022 06:24 AM | Related to #5505                                                    |
| 4580 | SDR (Software Defined Radio)    | Feature | New    | Normal   | gr-osmosdr compilation under GnuRadio 3.9.0                                       |          | 06/04/2020 01:13 AM |                                                                     |
| 1599 | OsmoMSC                         | Feature | New    | Normal   | Gs interface (BSSMAP+) between SGSN and MSC/VLR                                   |          | 06/13/2020 05:52 PM | Related to #1583,Related to #1747,Related to #1599,Related to #4485 |
| 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                  |

| #    | Project         | Tracker | Status      | Priority | Subject                                                                                                                                    | Assignee | Updated             | Related issues                                     |
|------|-----------------|---------|-------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 5504 | OsmocomBB       | Feature | New         | Normal   | GSM/GPRS coordination (RR/GRR)                                                                                                             |          | 05/23/2023 12:31 PM | Related to #5504                                   |
| 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                                     |
| 1667 | OsmoNITB        | Feature | New         | Normal   | Handle callref better                                                                                                                      |          | 09/04/2019 09:31 AM | Related to #3294                                   |
| 5930 | OsmoPCU         | Feature | New         | Low      | handle multiple BTSs with one PCU                                                                                                          |          | 03/03/2023 10:47 AM |                                                    |
| 3638 | OsmoBSC         | Feature | New         | Low      | handover decision 2: load balancing across BSS                                                                                             |          | 10/16/2018 01:16 PM | Related to #3638,Related to #3638,Related to #3638 |
| 3486 | OsmoBSC         | Feature | New         | Low      | handover decision: congestion: figure out the tradeoff: re-assign within same cell vs. handover to another cell                            |          | 10/16/2018 01:16 PM | Related to #3486,Related to #3638                  |
| 3482 | OsmoBSC         | Feature | New         | Low      | handover decision: if a new call causes congestion that would trigger immediate re-assignment, assigning the other TCH kind from the start |          | 10/16/2018 01:15 PM | Related to #3482                                   |
| 3484 | OsmoBSC         | Feature | New         | Low      | handover decision: if rxlev is ok but rxqual is bad, move to different timeslot with same TCH kind to avoid interference                   |          | 10/16/2018 01:30 PM |                                                    |
| 3480 | OsmoBSC         | Feature | New         | Normal   | handover from TCH/F to TCH/H to reduce load                                                                                                |          | 06/08/2020 07:08 PM | Related to #3480,Related to #3481                  |
| 3481 | OsmoBSC         | Feature | New         | Normal   | handover from TCH/H to TCH/F to reduce load                                                                                                |          | 06/08/2020 07:08 PM | Related to #3481,Related to #3481                  |
| 3485 | OsmoBSC         | Feature | New         | Low      | handover to make room for a less capable subscriber                                                                                        |          | 10/16/2018 01:16 PM | Related to #3485                                   |
| 4900 | OsmoGSMTester   | Feature | New         | Low      | hardware and wiring verification / selftest                                                                                                |          | 12/08/2020 11:03 AM |                                                    |
| 6315 | pySim           | Feature | New         | Low      | have test data for all supported files                                                                                                     |          | 12/23/2023 09:36 AM |                                                    |
| 4488 | OsmoPCU         | Feature | New         | Normal   | have uplink/downlink tests for all CS/MCS                                                                                                  |          | 11/25/2020 07:28 PM | Related to #4488,Related to #4510                  |
| 1515 | UmTRX           | Feature | New         | Normal   | Heat dissipation and mounting issue                                                                                                        |          | 02/19/2016 10:52 PM |                                                    |
| 1872 | libosmocore     | Feature | New         | Low      | high-performance remote logging                                                                                                            |          | 03/24/2021 12:36 PM |                                                    |
| 5867 | OsmoHNBGW       | Feature | New         | Normal   | HNBGW_Tests.ttcn should do HNBAP UE Register and De-Register tests                                                                         |          | 01/21/2023 02:30 AM |                                                    |
| 6224 | Retronetworking | Feature | Feedback    | Normal   | how to document the rescued EWSD                                                                                                           |          | 10/18/2023 04:51 PM |                                                    |
| 4882 | OsmoHNBGW       | Feature | New         | Low      | HSPA+ Picocell available in U.S                                                                                                            |          | 03/09/2024 07:08 PM |                                                    |
| 5511 | Retronetworking | Feature | New         | Low      | Idea: DAHDI backend for mISDN                                                                                                              |          | 09/18/2022 03:59 PM |                                                    |
| 6258 | OsmoMSC         | Feature | In Progress | Normal   | if MT call leg does not support the assigned codec, re-assign to a compatible codec                                                        |          | 01/12/2024 06:26 AM | Related to #6328                                   |

| #    | Project                         | Tracker | Status | Priority | Subject                                                                                             | Assignee | Updated             | Related issues                    |
|------|---------------------------------|---------|--------|----------|-----------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 2918 | OsmoBSC                         | Feature | New    | Low      | Implement a function to properly test connection clearing in MSC_ConnectionHandler.ttcn (BSC-Tests) |          | 01/08/2020 10:21 PM |                                   |
| 4277 | Cellular Network Infrastructure | Feature | New    | Low      | implement an SMSC to work with OsmoMSC                                                              |          | 11/22/2019 02:45 PM |                                   |
| 5648 | libosmo-pfcp                    | Feature | New    | Normal   | implement common PFCP CPF client VTY config                                                         |          | 08/17/2022 03:29 PM | Related to #5648                  |
| 2167 | OP25                            | Feature | New    | High     | Implement Encryption/Decryption P25 blocks                                                          |          | 04/22/2017 04:15 PM |                                   |
| 2156 | OP25                            | Feature | New    | High     | Implement forward error correction for HDU.                                                         |          | 04/22/2017 04:16 PM |                                   |
| 2008 | libosmo-sccp + libosmo-sigtran  | Feature | New    | Low      | Implement Global Title Translation                                                                  |          | 04/10/2017 12:05 PM |                                   |
| 2007 | libosmo-sccp + libosmo-sigtran  | Feature | New    | Low      | Implement GT based routing                                                                          |          | 04/10/2017 12:04 PM |                                   |
| 2006 | libosmo-sccp + libosmo-sigtran  | Feature | New    | Low      | Implement M2PA support                                                                              |          | 02/10/2024 01:17 PM | Related to #3603                  |
| 2003 | libosmo-sccp + libosmo-sigtran  | Feature | New    | Low      | Implement M2UA support                                                                              |          | 04/10/2017 12:01 PM |                                   |
| 5838 | OsmoGSMTester                   | Feature | New    | Normal   | Implement power switching for all BTSs                                                              |          | 12/20/2022 05:30 PM |                                   |
| 1586 | OsmoSGSN                        | Feature | New    | Normal   | Implement QoS profile support                                                                       |          | 02/23/2016 03:45 PM |                                   |
| 2712 | libosmocore                     | Feature | New    | Low      | implement reproducible talloc context printout, i.e. without memory addresses                       |          | 01/08/2020 10:21 PM | Related to #2781                  |
| 4980 | OsmoMSC                         | Feature | New    | Low      | Implement routing of BSSMAP LOAD INDICATION in OsmoMSC                                              |          | 01/27/2021 02:43 PM | Related to #4980,Related to #4980 |
| 2009 | libosmo-sccp + libosmo-sigtran  | Feature | New    | Low      | Implement SCCP connection coupling ("proxy")                                                        |          | 04/10/2017 12:09 PM |                                   |
| 4860 | libosmo-abis                    | Feature | New    | Low      | Implement separation of line/TEI/datalinks in E1 pcap                                               |          | 11/04/2021 06:31 PM |                                   |
| 6036 | OsmoBTS                         | Feature | New    | Normal   | Implement ternary SID classification for HR1 uplink                                                 |          | 05/17/2023 09:48 PM | Related to #6036,Related to #6036 |
| 2580 | OsmoMGW                         | Feature | New    | Low      | implement timeout/resend mechanism for mgcp_client                                                  |          | 09/04/2019 09:26 AM |                                   |
| 5780 | OsmoMSC                         | Feature | New    | Normal   | Implement/Support UUS1                                                                              |          | 01/24/2023 10:48 AM |                                   |
| 5235 | pySim                           | Feature | New    | Low      | import / export as eUICC profile package ASN.1                                                      |          | 06/09/2023 04:55 PM |                                   |
| 1997 | OsmoHNBGW                       | Feature | New    | Normal   | Improve error check at compilation time                                                             |          | 10/21/2021 04:28 PM |                                   |
| 2266 | OsmoGSMTester                   | Feature | New    | Normal   | in the gsm tester, use ipa.py from openbsc instead of the current CTRL implementation               |          | 10/16/2017 12:36 PM |                                   |
| 6316 | pySim                           | Feature | New    | Normal   | include test data in user manual                                                                    |          | 12/23/2023 03:10 PM |                                   |
| 5047 | OsmoSDR                         | Feature | New    | Normal   | Inconsistencies between SDR's in bias-tee parameter                                                 |          | 12/19/2021 01:17 PM |                                   |
| 1588 | OsmoSGSN                        | Feature | New    | Normal   | Inter-RAT hand-over                                                                                 |          | 02/23/2016 03:46 PM |                                   |
| 1603 | OsmoMSC                         | Feature | New    | Low      | Interfacing the MSC with other networks: Roaming interfaces / MAP                                   |          | 07/18/2019 06:13 AM |                                   |

| #    | Project                                        | Tracker | Status  | Priority | Subject                                                                               | Assignee | Updated             | Related issues                                     |
|------|------------------------------------------------|---------|---------|----------|---------------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 2800 | linmodem                                       | Feature | New     | Normal   | Interop testing with real modems                                                      |          | 01/01/2018 12:16 PM |                                                    |
| 3987 | libosmocore                                    | Feature | New     | Low      | introduce libosmocore_init() to replace individual initialization calls               |          | 05/08/2019 03:03 PM | Related to #3987                                   |
| 5013 | Cellular Network Infrastructure                | Feature | New     | Low      | investigate "vtysh" for Osmocom                                                       |          | 02/06/2021 02:14 PM | Related to #5013                                   |
| 3649 | OsmoHLR                                        | Feature | New     | Low      | Investigate LMDB as HLR data storage                                                  |          | 10/12/2018 11:35 AM | Related to #3649                                   |
| 3564 | OsmoGSMTester                                  | Feature | New     | Normal   | Investigate ofono and modems Cell Broadcast support                                   |          | 01/08/2020 10:42 PM | Related to #3564                                   |
| 6354 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New     | Low      | investigate UE behavior in terms of respecting ePDG configuration on USIM/ISIM        |          | 02/07/2024 04:10 PM |                                                    |
| 2494 | OsmoGGSN (former OpenGGSN)                     | Feature | New     | Low      | IPv6 support on the outer (transport) layer                                           |          | 02/06/2021 12:09 PM |                                                    |
| 4634 | OsmoMSC                                        | Feature | New     | Low      | lu: record SAC, and show RNC ID and SAC in the vty upon 'show subscriber'             |          | 06/24/2020 06:08 PM |                                                    |
| 6285 | OsmoHNBGW                                      | Feature | New     | Low      | IUFP needs not CRCX in loopback mode                                                  |          | 12/04/2023 03:58 AM |                                                    |
| 1655 | OsmoSGSN                                       | Feature | Stalled | Normal   | KPIs for OsmoSGSN                                                                     |          | 01/08/2020 10:49 PM | Related to #1652,Related to #1655,Related to #1655 |
| 2196 | OsmoGSMTester                                  | Feature | New     | Low      | libmsc ctrl interface: add CTRL command to query a single subscriber's attached state |          | 05/15/2017 12:58 PM |                                                    |
| 2702 | OsmoMGW                                        | Feature | New     | Low      | libosmo-mgcp doesn't use osmo_sock_ API                                               |          | 12/03/2017 09:42 AM |                                                    |
| 5167 | Osmocom Analog                                 | Feature | New     | Low      | LimeNet Micro                                                                         |          | 04/02/2023 08:57 AM |                                                    |
| 1543 | OsmoPCU                                        | Feature | New     | Normal   | link/rate adaption as per spec                                                        |          | 01/08/2020 10:43 PM | Related to #1543,Related to #1543                  |
| 5489 | linmodem                                       | Feature | New     | Low      | linmodem mISDN integration                                                            |          | 03/13/2022 09:35 PM |                                                    |
| 5829 | libosmocore                                    | Feature | New     | Low      | log fallback for log_check_level(), log_parse_category()                              |          | 12/13/2022 10:44 PM |                                                    |
| 39   | OsmoBSC                                        | Feature | New     | Low      | Logging filter on bts/trx or such                                                     |          | 06/08/2020 07:07 PM |                                                    |
| 2288 | OsmoGSMTester                                  | Feature | New     | Low      | logging: print in a short way which resource is being reserved and used               |          | 05/23/2017 02:25 PM |                                                    |
| 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 |                                                    |
| 6241 | libosmo-sccp + libosmo-sigtran                 | Feature | New     | Low      | M3UA "Network Appearance" support                                                     |          | 10/31/2023 03:00 PM | Related to #6241                                   |
| 1858 | OsmoBSC                                        | Feature | New     | Normal   | make BSC also generate ALERTs                                                         |          | 12/10/2017 07:59 PM |                                                    |
| 1613 | OsmoBSC                                        | Feature | New     | Low      | make BTS/TRX configuration changes without having to drop BTS OML link                |          | 12/10/2017 08:06 PM |                                                    |
| 3755 | OsmoMSC                                        | Feature | New     | Low      | make retrieval of IMEISV configurable                                                 |          | 05/07/2019 12:28 PM | Related to #3755                                   |

| #    | Project                               | Tracker | Status      | Priority | Subject                                                                                   | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|-------------|----------|-------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 5900 | OsmoUPF                               | Feature | In Progress | Normal   | make sure chain ids used in the tunmap nft ruleset are unused                             |          | 02/09/2023 05:34 PM |                                   |
| 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 |                                   |
| 3594 | gr-osmosdr                            | Feature | New         | Normal   | Message Commands                                                                          |          | 09/25/2018 03:59 PM |                                   |
| 5722 | Cellular Network Infrastructure       | Feature | New         | Low      | Migrate jenkins build slaves from docker to podman                                        |          | 10/21/2022 08:29 PM | Related to #5722                  |
| 4638 | Altair LTE Modems                     | Feature | New         | Normal   | Mikrotik R11e-4G mtd dump                                                                 |          | 06/13/2021 10:15 AM |                                   |
| 2832 | OsmoMSC                               | Feature | New         | Low      | MNCC doesn't include field for "supported codecs"                                         |          | 01/16/2018 07:00 AM | Related to #2832,Related to #1683 |
| 5815 | OsmocomBB                             | Feature | New         | Low      | mobile: compose Bearer Capability IE depending on PHY capabilities and GAPK codec support |          | 12/06/2022 07:38 PM | Related to #5815,Related to #5815 |
| 5812 | OsmocomBB                             | Feature | New         | Low      | mobile: missing AMR support                                                               |          | 12/06/2022 03:07 PM | Related to #5812                  |
| 6346 | OsmocomBB                             | Feature | New         | Normal   | mobile: support data calls @ 14400 bps (TCH/F14.4)                                        |          | 01/26/2024 10:03 PM | Related to #6346,Related to #6346 |
| 6347 | OsmocomBB                             | Feature | New         | Normal   | mobile: support data calls @ 300 bps and 1200/75 bps (TCH/[FH]2.4)                        |          | 01/26/2024 09:54 PM | Related to #6347                  |
| 2815 | linmodem                              | Feature | New         | Normal   | modern ptmx / pty handling (UNIX 98)                                                      |          | 01/01/2018 02:48 PM |                                   |
| 5434 | OCTOI - Osmocom Community TDM over IP | Feature | Stalled     | Normal   | more statistics / counters                                                                |          | 12/03/2023 11:17 AM |                                   |
| 3688 | OsmoSGSN                              | Feature | New         | Low      | move generic gtpub code to libosmocore                                                    |          | 04/15/2019 07:29 AM |                                   |
| 1537 | OsmoPCU                               | Feature | New         | Low      | Move the BSSGP handling to libosmocore                                                    |          | 03/01/2018 11:17 PM | Related to #1537,Related to #2388 |
| 4363 | Distributed GSM                       | Feature | New         | Low      | mslookup_client_mdns_test: add stubs, so it works without multicast                       |          | 04/28/2020 02:55 PM | Related to #4363                  |
| 4525 | Cellular Modem Information            | Feature | New         | Normal   | MTK                                                                                       |          | 05/03/2020 03:57 PM | Is duplicate of #4525             |
| 4536 | OsmoBSC                               | Feature | New         | Normal   | Multi BTS support within a single physical device                                         |          | 06/21/2020 01:10 PM |                                   |
| 3501 | SIMtrace 2                            | Feature | New         | Low      | Multi-sim addon board idea                                                                |          | 08/28/2018 03:00 PM |                                   |
| 1561 | OsmoBTS                               | Feature | New         | Low      | Multi-TRX support (one osmo-bts process per TRX)                                          |          | 02/23/2016 03:18 PM |                                   |
| 3280 | OsmocomBB                             | Feature | New         | Low      | Multiparty SS support in OsmocomBB                                                        |          | 05/22/2018 07:40 AM |                                   |
| 2224 | SDR (Software Defined Radio)          | Feature | New         | Normal   | New Fospor Benchmark Performance                                                          |          | 05/04/2017 01:23 PM |                                   |
| 5808 | gr-osmosdr                            | Feature | New         | Normal   | New option, for selecting an input channel of a soapy_source_c                            |          | 12/05/2022 11:45 AM |                                   |
| 6344 | libosmocore                           | Feature | New         | Normal   | New TS 24.008 Bearer Capability codec API                                                 |          | 01/24/2024 11:19 PM | Related to #6344                  |
| 2411 | OsmoMGW                               | Feature | New         | Low      | No support for RTP dynamic payload types - AMR/HR/EFR payload types are hardcoded         |          | 03/05/2018 07:04 PM |                                   |

| #    | Project                                        | Tracker | Status | Priority | Subject                                                                 | Assignee | Updated             | Related issues                    |
|------|------------------------------------------------|---------|--------|----------|-------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 4987 | OsmoBTS                                        | Feature | New    | Low      | No TTCN3 test for AMR DTX FSMs                                          |          | 01/28/2021 01:37 PM | Related to #5474                  |
| 4988 | OsmoBTS                                        | Feature | New    | Low      | No TTCN3 test for AMR TFO / DL CMR handling                             |          | 01/28/2021 01:38 PM |                                   |
| 4986 | OsmoBTS                                        | Feature | New    | Low      | No TTCN3 tests of AMR rate/link adaptation                              |          | 01/28/2021 01:36 PM |                                   |
| 4242 | BBS-Revival                                    | Feature | New    | Low      | offer CCC event schedule (Fahrplan) as gopher service                   |          | 10/28/2019 09:22 AM |                                   |
| 2432 | OsmoGSMTester                                  | Feature | New    | Low      | ofono: Find out how to receive Status / Delivery report                 |          | 01/08/2020 10:51 PM |                                   |
| 2468 | OsmoGSMTester                                  | Feature | New    | Low      | ofono: gobi modem doesn't support ofono SupplementaryServices interface |          | 01/08/2020 10:51 PM |                                   |
| 4682 | OsmoBSC                                        | Feature | New    | Low      | OM2000 MCTR Support for Ericsson RBS6000 / DUG 20                       |          | 07/30/2020 06:51 AM | Precedes #4682                    |
| 1832 | Linux Kernel GTP-U                             | Feature | New    | Normal   | OpenvSwitch GTP-u patch for 2.5                                         |          | 10/27/2016 08:56 AM |                                   |
| 2610 | libosmocore                                    | Feature | New    | Low      | optimize GnuTLS fallback                                                |          | 05/01/2018 04:07 PM | Related to #2610,Related to #3909 |
| 4762 | osmo-sip-connector                             | Feature | New    | Low      | Osmo Analog Support                                                     |          | 09/25/2020 07:31 AM | Related to #4763                  |
| 3309 | libosmocore                                    | Feature | New    | Normal   | osmo_timer_* should use monotonic clock                                 |          | 05/31/2018 03:59 PM | Related to #3309                  |
| 3330 | OsmoBSC                                        | Feature | New    | Normal   | osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED                       |          | 06/08/2018 12:14 PM | Related to #3330                  |
| 1755 | OsmoBTS                                        | Feature | New    | Low      | osmo-bts-sysmo L1: unify hLayer3 handling                               |          | 02/02/2017 04:00 PM | Related to #1755                  |
| 1771 | OsmoBTS                                        | Feature | New    | Low      | osmo-bts-trx: clarify check_transceiver_availability()                  |          | 03/01/2018 11:17 PM | Related to #1770                  |
| 3329 | OsmoBTS                                        | Feature | New    | Normal   | osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED                       |          | 06/08/2018 12:02 PM | Related to #3330                  |
| 61   | OsmoBTS                                        | Feature | New    | Low      | osmo-bts: split TRAU/RTP frame handling into separate process           |          | 06/13/2016 01:16 PM |                                   |
| 6345 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Low      | osmo-epdg: Implement SWm interface (Diameter) ePDG <> AAA               |          | 01/25/2024 05:22 PM |                                   |
| 6408 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Normal   | osmo-epdg: Support check IMEI                                           |          | 03/15/2024 06:45 PM |                                   |
| 6407 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Normal   | osmo-epdg: Support Emergency services (no IMSI)                         |          | 03/15/2024 06:43 PM |                                   |
| 6332 | osmo-ePDG - VoWifi Evolved Packet Data Gateway | Feature | New    | Normal   | osmo-epdg: Write User Manual                                            |          | 01/18/2024 04:15 PM | Related to #6332                  |
| 6298 | OsmoGGSN (former OpenGGSN)                     | Feature | New    | Normal   | osmo-ggsn not providing MTU of the GTP tunnel to the MS                 |          | 02/15/2024 10:30 PM | Related to #6298                  |
| 2861 | OsmoGSMTester                                  | Feature | New    | Normal   | osmo-gsm-tester: Add 3g support for sysmocell-5k                        |          | 12/02/2019 01:36 PM | Related to #2860                  |
| 2646 | OsmoGSMTester                                  | Feature | New    | Normal   | osmo-gsm-tester: Add osmo-sip-connector support                         |          | 04/23/2018 10:40 AM |                                   |
| 2209 | OsmoGSMTester                                  | Feature | New    | Low      | osmo-gsm-tester: add test API to explicitly free a resource             |          | 05/19/2017 11:01 AM | Related to #2208                  |
| 2314 | OsmoGSMTester                                  | Feature | New    | Normal   | osmo-gsm-tester: add test case: smpp: correct ESME routing              |          | 05/31/2017 04:29 PM |                                   |

| #    | Project            | Tracker | Status      | Priority | Subject                                                                               | Assignee | Updated             | Related issues                                                      |
|------|--------------------|---------|-------------|----------|---------------------------------------------------------------------------------------|----------|---------------------|---------------------------------------------------------------------|
| 2313 | OsmoGSMTester      | Feature | New         | Normal   | osmo-gsm-tester: add test case: smpp: imsi extension                                  |          | 05/31/2017 04:27 PM |                                                                     |
| 2311 | OsmoGSMTester      | Feature | New         | Normal   | osmo-gsm-tester: add test case: smpp: smpp_first feature                              |          | 05/31/2017 04:21 PM |                                                                     |
| 2374 | OsmoGSMTester      | Feature | New         | Normal   | osmo-gsm-tester: add test case: sms between MS with delivery report                   |          | 08/10/2017 04:37 PM |                                                                     |
| 2200 | OsmoGSMTester      | Feature | New         | Low      | osmo-gsm-tester: allow collecting statistics / KPI of a test case                     |          | 04/06/2020 04:57 PM | Related to #2201                                                    |
| 2208 | OsmoGSMTester      | Feature | New         | Low      | osmo-gsm-tester: allow running binaries for a whole suite, or only for a single test  |          | 05/30/2017 01:07 PM | Related to #2208                                                    |
| 2230 | OsmoGSMTester      | Feature | New         | Normal   | osmo-gsm-tester: arfcn as resource                                                    |          | 12/14/2017 04:08 PM | Related to #2230                                                    |
| 2197 | OsmoGSMTester      | Feature | Stalled     | Normal   | osmo-gsm-tester: use MNCC interface                                                   |          | 11/30/2017 10:41 AM | Related to #2194,Is duplicate of #2197                              |
| 5468 | OsmoMGW            | Feature | New         | Normal   | osmo-mgw: 2g<->3g call support                                                        |          | 06/03/2022 10:39 AM | Related to #5468,Related to #5468,Related to #5468                  |
| 4967 | OsmoPCU            | Feature | New         | Normal   | osmo-pcu: Avoid sending new DL EGPRS blocks to MS announcing MS_OUT_OF_MEMORY         |          | 01/21/2021 02:26 PM |                                                                     |
| 1901 | osmo-qcdiag        | Feature | New         | Normal   | osmo-qcdiag: Ability to read/write NV data                                            |          | 01/11/2017 12:15 PM |                                                                     |
| 1900 | osmo-qcdiag        | Feature | New         | Normal   | osmo-qcdiag: Add FUSE based access for EFS                                            |          | 01/11/2017 12:15 PM |                                                                     |
| 5853 | OsmoSGSN           | Feature | New         | Normal   | osmo-sgsn: Rework to use libosmo-gprs                                                 |          | 01/11/2023 03:14 PM |                                                                     |
| 1687 | osmo-sip-connector | Feature | New         | Low      | osmo-sip-connector: Explore 3-way conference call                                     |          | 01/08/2020 10:56 PM |                                                                     |
| 1686 | osmo-sip-connector | Feature | New         | Normal   | osmo-sip-connector: Implement call holding on SIP                                     |          | 10/20/2020 08:36 AM |                                                                     |
| 2430 | OsmoTRX            | Feature | New         | Low      | osmo-trx support bladerf                                                              |          | 02/14/2023 01:39 PM | Is duplicate of #2430,Is duplicate of #2430                         |
| 4362 | OsmoTRX            | Feature | Stalled     | Normal   | osmo-trx-lms: Support multi-arfcn feature                                             |          | 09/30/2020 08:09 PM | Related to #4362,Related to #4362                                   |
| 3962 | OsmoTRX            | Feature | New         | Low      | osmo-trx: Use gcc attribute no_sanitize to run fine with ASan enabled                 |          | 08/26/2019 02:04 PM |                                                                     |
| 4537 | OsmoBSC            | Feature | In Progress | Normal   | OsmoBSC needs strategies to recover broken lchans (lchan state BORKEN)                |          | 11/20/2023 05:03 PM | Related to #4537,Related to #4540,Related to #4541,Related to #5106 |
| 4124 | OsmoBSCNAT         | Feature | New         | Normal   | OsmoBSCNAT : Write user manual                                                        |          | 01/08/2020 10:56 PM | Related to #4124                                                    |
| 2366 | OsmoBTS            | Feature | New         | Low      | OsmoBTS lacks EXTENDED BCCH support                                                   |          | 07/15/2017 10:42 AM | Related to #1575,Related to #2014                                   |
| 5641 | OsmoCBC            | Feature | New         | Normal   | OsmoCBC doesn't yet support reloading cells becoming operational with active messages |          | 08/05/2022 05:10 PM |                                                                     |
| 3387 | OsmocomBB          | Feature | New         | Low      | osmocon: Use libosmocore logging system                                               |          | 10/05/2018 04:21 PM |                                                                     |

| #    | Project                               | Tracker | Status   | Priority | Subject                                                                               | Assignee | Updated             | Related issues                |
|------|---------------------------------------|---------|----------|----------|---------------------------------------------------------------------------------------|----------|---------------------|-------------------------------|
| 4588 | OsmoHLR                               | Feature | New      | Low      | OsmoHLR doesn't appear to have any statistics / counters                              |          | 06/06/2020 09:44 AM |                               |
| 4403 | IMSI Pseudonymization                 | Feature | Feedback | Normal   | OsmoHLR: How to interface with SMS service?                                           |          | 04/16/2020 08:45 AM | Blocks #4477                  |
| 4477 | IMSI Pseudonymization                 | Feature | New      | Normal   | OsmoHLR: send next pseudo IMSI via SMS                                                |          | 04/16/2020 08:45 AM | Blocks #4477,Blocks #4477     |
| 2878 | OsmoMSC                               | Feature | New      | Low      | OsmoMSC support for "Follow-on request/proceed"                                       |          | 01/26/2018 09:11 PM |                               |
| 2379 | OsmocomBB                             | Feature | New      | Normal   | package as .deb                                                                       |          | 02/27/2020 02:39 PM |                               |
| 6367 | pySim                                 | Feature | New      | Normal   | PC/SC <-> Android OMAPI bridge for pySim and others                                   |          | 02/17/2024 01:34 PM |                               |
| 1554 | OsmoPCU                               | Feature | New      | Normal   | per-MS BSSGP flow control                                                             |          | 02/23/2016 03:12 PM | Related to #1554              |
| 4983 | OsmoMSC                               | Feature | New      | Low      | PERFORM LOCATION REQUEST / RESPONSE                                                   |          | 01/28/2021 11:44 AM |                               |
| 3648 | OsmoMSC                               | Feature | New      | Low      | persistent VLR (across re-starts of osmo-msc / across power outage)                   |          | 05/17/2022 05:39 PM | Related to #3649              |
| 6395 | OsmoHNBGW                             | Feature | New      | Low      | PFCP URR support in osmo-hnbgw                                                        |          | 03/22/2024 08:08 AM | Related to #6395              |
| 5816 | OsmoHNBGW                             | Feature | New      | Low      | Picocells available in R.U                                                            |          | 03/09/2024 07:09 PM |                               |
| 6390 | libosmocore                           | Feature | New      | Low      | port CTRL over to osmo_io / io_uring                                                  |          | 03/02/2024 06:45 PM | Related to #6390              |
| 4596 | OsmocomTETRA                          | Feature | New      | Normal   | Port to GR3.8                                                                         |          | 01/08/2021 05:23 PM |                               |
| 6389 | libosmocore                           | Feature | New      | Low      | port VTY over to osmo_io / io_uring                                                   |          | 03/02/2024 04:55 PM | Related to #6389              |
| 5443 | OCTOI - Osmocom Community TDM over IP | Feature | New      | Normal   | possibility to transmit frames from multiple lines in one packet                      |          | 02/06/2022 08:15 AM |                               |
| 2287 | OsmoGSMTester                         | Feature | New      | Low      | processes launched by gsmtester: store command lines called next to stdout and stderr |          | 05/23/2017 12:11 PM |                               |
| 1643 | OsmoHLR                               | Feature | New      | Low      | programmatic access to new asynchronous external HLR                                  |          | 12/10/2017 08:06 PM | Related to #1643,Blocks #1643 |
| 5267 | pySim                                 | Feature | New      | Normal   | pySim-shell: Ability to deactivate entire applications on the card                    |          | 10/14/2021 07:12 PM | Related to #5268              |
| 4635 | libosmo-sccp + libosmo-sigtran        | Feature | New      | Normal   | quirks when initializing SS7 ASP                                                      |          | 06/25/2020 04:46 PM | Related to #4635              |
| 3097 | OsmoBSC                               | Feature | New      | Normal   | ramping of "rxlev access min"                                                         |          | 03/22/2018 11:51 AM | Related to #3097              |
| 2191 | OsmoMSC                               | Feature | New      | Normal   | raw PDU mode for SMPP                                                                 |          | 12/23/2017 05:48 PM |                               |
| 2390 | OsmoMSC                               | Feature | New      | Normal   | re-add osmocom specific TLVs to SMPP messages                                         |          | 12/23/2017 05:48 PM |                               |
| 33   | OsmoSGSN                              | Feature | New      | Low      | real LLC implementation with fragmentation and re-transmissions                       |          | 11/09/2016 09:45 AM |                               |
| 3423 | OsmocomBB SDR PHY                     | Feature | Stalled  | Normal   | Receiver: hard-coded GSM 05.02 channel configuration                                  |          | 07/09/2023 07:45 PM |                               |
| 6104 | pySim                                 | Feature | New      | Low      | reduce number of python dependencies                                                  |          | 07/20/2023 04:28 PM |                               |
| 5519 | OCTOI - Osmocom Community TDM over IP | Feature | New      | Low      | reimplement overlapped.php based on yate python module                                |          | 12/03/2023 10:47 AM |                               |
| 2378 | OsmocomBB                             | Feature | New      | Normal   | Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git                    |          | 10/24/2018 02:13 PM |                               |
| 2173 | OP25                                  | Feature | New      | High     | Remove dependency on ET++                                                             |          | 04/22/2017 04:14 PM |                               |
| 2155 | OP25                                  | Feature | New      | High     | Replace FSK4 demodulation with IQ demodulator stage.                                  |          | 04/22/2017 04:16 PM |                               |

| #    | Project                         | Tracker | Status  | Priority | Subject                                                                                                                                  | Assignee | Updated             | Related issues                                                                   |
|------|---------------------------------|---------|---------|----------|------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------------------------------------|
| 1812 | OsmoNITB                        | Feature | New     | Normal   | Report gsm0408_dispatch() failures to MS / UE                                                                                            |          | 01/08/2020 10:56 PM |                                                                                  |
| 2802 | linmodem                        | Feature | New     | Low      | report the connected speed in "CONNECT" message                                                                                          |          | 01/01/2018 12:18 PM |                                                                                  |
| 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                                                |
| 5768 | Retronetworking                 | Feature | New     | Normal   | retronetworking logo / artwork                                                                                                           |          | 04/07/2024 10:40 PM |                                                                                  |
| 2405 | OsmoPCU                         | Feature | New     | Low      | RLC/MAC encoding routines don't use bitvec L/H                                                                                           |          | 07/29/2017 09:01 AM |                                                                                  |
| 4812 | OsmoPCU                         | Feature | New     | Low      | RTTI (Reduced Transmission Time Interval) Support                                                                                        |          | 10/16/2020 08:43 AM |                                                                                  |
| 3595 | gr-osmosdr                      | Feature | New     | Normal   | RX Tags                                                                                                                                  |          | 09/25/2018 04:01 PM |                                                                                  |
| 1598 | Cellular Network Infrastructure | Feature | New     | Low      | Scripting language interface                                                                                                             |          | 12/10/2017 08:04 PM |                                                                                  |
| 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 |
| 1570 | OsmoBTS                         | Feature | New     | Low      | Select RTP payload identifier based on requested speech mode                                                                             |          | 02/23/2016 03:31 PM |                                                                                  |
| 4374 | OsmoMSC                         | Feature | New     | Normal   | send GSUP PurgeMS Request (CN-Domain = CS) to the HLR upon IMSI-Detach                                                                   |          | 01/23/2020 03:19 AM |                                                                                  |
| 5771 | Cellular Network Infrastructure | Feature | New     | Normal   | series of presentations about the individual CNI network elements                                                                        |          | 11/14/2022 07:25 PM |                                                                                  |
| 4458 | Core testing infrastructure     | Feature | New     | Low      | Set up a STF (Smartphone Testing Farm)                                                                                                   |          | 03/18/2020 02:44 PM |                                                                                  |
| 4433 | OsmoGGSN (former OpenGGSN)      | Feature | New     | Normal   | sgsnemu: Add support for IPv4v6 EUAs                                                                                                     |          | 03/04/2020 10:44 AM |                                                                                  |
| 4640 | OsmoBSC                         | Feature | New     | Low      | SI2quater: support multiple EUTRAN Neighbor Cells List entries, not only multiple EUTRAN Cell Descriptions in the first Cells List entry |          | 07/06/2020 03:03 PM |                                                                                  |
| 2799 | linmodem                        | Feature | New     | Normal   | SIP client support                                                                                                                       |          | 01/01/2020 08:05 PM |                                                                                  |
| 1587 | OsmoSGSN                        | Feature | Stalled | Normal   | SMS over GPRS support                                                                                                                    |          | 11/25/2018 08:14 PM | Related to #3587                                                                 |
| 1511 | UmTRX                           | Feature | New     | Normal   | Solve Tx and Rx I/Q imbalance for wideband signals                                                                                       |          | 02/19/2016 10:52 PM |                                                                                  |
| 4490 | IMSI Pseudonymization           | Feature | New     | Normal   | Specification: how would IMSI-pseudo interact within a combined (2G-4G)+5G network?                                                      |          | 04/16/2020 08:44 AM |                                                                                  |
| 4489 | IMSI Pseudonymization           | Feature | New     | Normal   | Specification: mark mandatory parts / implementation details as such                                                                     |          | 04/16/2020 08:44 AM |                                                                                  |
| 2186 | libosmocore                     | Feature | New     | Low      | split libosmocrypto                                                                                                                      |          | 10/05/2017 06:25 AM |                                                                                  |
| 3033 | OsmoTRX                         | Feature | New     | Low      | Split wiki page into multiple smaller pages                                                                                              |          | 03/05/2018 11:28 AM |                                                                                  |
| 3445 | OsmoMSC                         | Feature | Stalled | Normal   | SS/USSD: clean up the local GSM 04.80 API                                                                                                |          | 12/14/2018 01:57 PM |                                                                                  |
| 6388 | libosmocore                     | Feature | New     | Normal   | stats_reporter via osmo_io / io_uring?                                                                                                   |          | 03/02/2024 04:54 PM | Related to #6388                                                                 |
| 4226 | Retronetworking                 | Feature | New     | Low      | STM-1 / USB interface?                                                                                                                   |          | 01/30/2022 10:14 AM |                                                                                  |

| #    | Project                               | Tracker | Status | Priority | Subject                                                                          | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|--------|----------|----------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 18   | OsmoNITB                              | Feature | New    | Low      | store last location identity to database                                         |          | 05/24/2018 01:15 PM |                                   |
| 5427 | OCTOI - Osmocom Community TDM over IP | Feature | New    | Low      | STUN/TURN/ICE for peer-to-peer connections                                       |          | 01/30/2022 10:43 AM |                                   |
| 1688 | libosmo-sccp + libosmo-sigtran        | Feature | New    | Low      | SUA: support N-STATE indication primitives for connect and disconnect events     |          | 04/08/2018 07:59 AM |                                   |
| 3469 | OsmoMSC                               | Feature | New    | Low      | Support for "service category" in emergency calls                                |          | 08/24/2018 12:48 PM | Related to #3470                  |
| 4473 | OsmoBTS                               | Feature | New    | Low      | Support for broadcast of MOCN related SI21/22/23                                 |          | 03/29/2020 07:39 PM | Related to #4473                  |
| 4982 | OsmoMSC                               | Feature | New    | Low      | Support for BSSMAP RESOURCE INDICATION                                           |          | 01/27/2021 03:01 PM | Related to #4982                  |
| 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 |                                   |
| 4978 | OsmoBSC                               | Feature | New    | Low      | Support for generating BSSMAP LOAD INDICATION                                    |          | 01/27/2021 02:40 PM | Related to #4979,Related to #4980 |
| 4981 | OsmoBSC                               | Feature | New    | Low      | Support for generating BSSMAP RESOURCE INDICATION                                |          | 01/27/2021 03:02 PM | Related to #4982                  |
| 3606 | OsmoSTP                               | Feature | New    | Normal   | Support for multiple NI (network indicator)                                      |          | 10/03/2018 08:58 AM |                                   |
| 5307 | Ericsson RBS 6xxx                     | Feature | New    | Normal   | Support for Multiple Sectors at an RBS site.                                     |          | 11/13/2021 08:20 PM |                                   |
| 4979 | OsmoBSC                               | Feature | New    | Low      | Support for parsing incoming BSSMAP LOAD INDICATION                              |          | 01/27/2021 02:41 PM | Related to #4979,Related to #4980 |
| 5256 | OsmoBTS                               | Feature | New    | High     | support for random padding in LAPDm downlink messages                            |          | 10/12/2021 11:17 AM | Related to #5256                  |
| 3207 | OsmoMGW                               | Feature | New    | Low      | Support for RTP Payload Format according to "ETSI TS 101 318"                    |          | 04/24/2018 03:53 PM |                                   |
| 4717 | OsmoMSC                               | Feature | New    | Normal   | support Handover with changing codec                                             |          | 08/18/2020 05:14 PM | Related to #4717                  |
| 5156 | OsmoBSC                               | Feature | New    | Low      | Support intraBSC handover between distinct BTS types                             |          | 11/04/2021 06:27 PM |                                   |
| 2651 | OsmoMGW                               | Feature | New    | Low      | Support MGCP Piggybacking                                                        |          | 11/18/2017 05:44 PM |                                   |
| 2546 | OsmoMGW                               | Feature | New    | Low      | support play-out/announcement endpoint type                                      |          | 10/06/2017 12:30 PM |                                   |
| 1571 | OsmoBTS                               | Feature | New    | Low      | Support RTP multiplexing instead of per-call RTP streams                         |          | 02/23/2016 03:32 PM |                                   |
| 5320 | osmo-remsim                           | Feature | New    | Low      | support SAP of Telit AT#RSEN                                                     |          | 11/22/2021 10:38 AM |                                   |
| 5321 | osmo-remsim                           | Feature | New    | Low      | support SAP of u-blox AT+USAPMODE                                                |          | 11/22/2021 10:37 AM |                                   |
| 3732 | OsmoHLR                               | Feature | New    | Low      | Support tacdb query in HLR                                                       |          | 07/18/2019 06:12 AM | Related to #3732                  |
| 5692 | Cellular Network Infrastructure       | Feature | New    | Low      | switch to C99 standard flexible arrays instad of gcc-specific zero-length arrays |          | 09/29/2022 05:59 AM |                                   |
| 2567 | OsmoHLR                               | Feature | New    | Low      | tell the MSC(s) when subscriber data has changed                                 |          | 10/11/2017 01:50 AM |                                   |
| 3479 | OsmoBSC                               | Feature | New    | Normal   | test "every single failure" in osmo-bsc FSMs                                     |          | 08/20/2018 11:15 AM | Related to #3479                  |

| #    | Project                               | Tracker | Status  | Priority | Subject                                                                             | Assignee | Updated             | Related issues                                     |
|------|---------------------------------------|---------|---------|----------|-------------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 2436 | OsmoHNBGW                             | Feature | New     | Low      | Test cases for asn1c APER encoding                                                  |          | 01/08/2020 10:56 PM | Related to #2435,Related to #2436,Related to #3862 |
| 6242 | Core testing infrastructure           | Feature | New     | Normal   | Test eUPF against ttcn3-upf-test setup                                              |          | 12/18/2023 11:33 AM |                                                    |
| 4418 | OsmocomBB                             | Feature | New     | Normal   | test-sim: support all libosmocore algorithms (comp128 v1, v2, v3; MILENAGE)         |          | 02/26/2020 11:41 PM |                                                    |
| 2225 | OsmoGSMTester                         | Feature | New     | Low      | tester nitb: connect ctrl interface only once                                       |          | 05/15/2017 12:58 PM |                                                    |
| 2318 | OsmoGSMTester                         | Feature | New     | Normal   | testing sysmobts: skip copying of binaries when the same are already installed      |          | 06/07/2017 03:55 PM |                                                    |
| 1516 | UmTRX                                 | Feature | New     | Normal   | There are no port to control external equipment like PA                             |          | 02/19/2016 10:52 PM |                                                    |
| 1815 | Qualcomm Linux Modems by Quectel & Co | Feature | New     | Normal   | tool for building binary ipk from .list/.control                                    |          | 10/02/2016 05:06 AM |                                                    |
| 3424 | OsmocomBB SDR PHY                     | Feature | Stalled | Normal   | Transceiver: implement automatic TX delay measurement                               |          | 07/09/2023 07:46 PM |                                                    |
| 4189 | OsmoBSC                               | Feature | New     | Low      | TTCN-3 tests for load-based hand-over in BSC                                        |          | 09/04/2019 09:10 AM | Related to #4189                                   |
| 3670 | Cellular Network Infrastructure       | Feature | New     | Low      | TTCN-3 tests for statsd exporter code                                               |          | 09/04/2019 09:03 AM |                                                    |
| 4990 | OsmoBSC                               | Feature | New     | Low      | TTCN3 test for AMR MultiRate IEs in RR and RSL                                      |          | 07/02/2021 04:34 PM |                                                    |
| 4033 | OsmoGGSN (former OpenGGSN)            | Feature | New     | Normal   | ttcn3-ggsn-test: Add tests to verify secondary pdp context management               |          | 05/30/2019 03:19 PM |                                                    |
| 4103 | libosmocore                           | Feature | New     | Low      | TUAK support as per 3GPP TS 35.231                                                  |          | 03/24/2021 12:33 PM |                                                    |
| 5814 | OsmoUPF                               | Feature | New     | Normal   | tunmap: more concisely match on GTP-U packets                                       |          | 12/06/2022 07:30 PM |                                                    |
| 3596 | gr-osmosdr                            | Feature | New     | Normal   | TX Tags                                                                             |          | 09/25/2018 04:01 PM |                                                    |
| 1517 | UmTRX                                 | Feature | New     | Normal   | U_FL (UMC) connectors are not reliable after few connections                        |          | 02/19/2016 10:52 PM |                                                    |
| 3845 | libosmocore                           | Feature | New     | Low      | Unified logging in Gb NS / BSSGP code                                               |          | 03/16/2019 02:33 PM |                                                    |
| 1926 | OsmoBTS                               | Feature | New     | Low      | unify *_mgr code                                                                    |          | 07/18/2019 06:08 AM |                                                    |
| 1902 | OsmoBTS                               | Feature | New     | Low      | unify/refactor dynamic timeslot code                                                |          | 01/08/2020 10:56 PM | Related to #1902,Related to #3099                  |
| 2175 | OP25                                  | Feature | New     | High     | Update code for GNURadio 3.6 and later                                              |          | 04/22/2017 04:14 PM |                                                    |
| 4633 | OsmoMSC                               | Feature | New     | Normal   | update the Cell ID in the VLR after an inter-BSC / inter-MSC handover               |          | 06/24/2020 12:40 PM |                                                    |
| 4632 | OsmoMSC                               | Feature | New     | Normal   | update the cell id in the VLR when receiving BSSMAP HANDOVER PERFORMED from the BSC |          | 06/24/2020 12:35 PM | Related to #4632                                   |
| 5547 | OsmoBSC                               | Feature | New     | Low      | upon emergency call, from the MSC-pool pick an MSC that allows emergency calling    |          | 04/25/2022 05:49 AM |                                                    |
| 1518 | UmTRX                                 | Feature | New     | Normal   | Upper limit of the clock is too low                                                 |          | 02/19/2016 10:52 PM |                                                    |

| #    | Project                                      | Tracker | Status   | Priority | Subject                                                                                        | Assignee | Updated             | Related issues   |
|------|----------------------------------------------|---------|----------|----------|------------------------------------------------------------------------------------------------|----------|---------------------|------------------|
| 5435 | OCTOI - Osmocom Community TDM over IP        | Feature | New      | Low      | use DNS to resolve the server                                                                  |          | 04/05/2022 08:20 PM |                  |
| 1579 | OsmoBTS                                      | Feature | New      | Low      | Use epoll                                                                                      |          | 01/15/2021 01:44 PM |                  |
| 2171 | OP25                                         | Feature | New      | High     | Use libfftw3 for IFFT/FFT functions.                                                           |          | 04/22/2017 04:14 PM |                  |
| 5766 | libosmo-abis                                 | Feature | New      | Low      | use Linux kernel KCM for IPA header?                                                           |          | 11/13/2022 08:15 AM | Related to #5766 |
| 2000 | libosmo-sccp + libosmo-sigtran               | Feature | New      | Low      | use m3ua-testtool for the ASP-side verification                                                |          | 07/18/2019 05:42 AM |                  |
| 2801 | linmodem                                     | Feature | New      | Normal   | V.90 completion                                                                                |          | 01/01/2018 12:18 PM |                  |
| 6348 | OsmocomBB                                    | Feature | New      | Normal   | virtphy: add Circuit Switched Data (CSD) support                                               |          | 01/26/2024 10:03 PM | Related to #6348 |
| 1973 | OsmoMSC                                      | Feature | New      | Low      | VLR: efficient subscriber lookup                                                               |          | 07/18/2019 06:15 AM | Related to #1973 |
| 1974 | OsmoMSC                                      | Feature | New      | Low      | VLR: high water mark on subscriber storage                                                     |          | 05/15/2022 01:45 PM | Related to #1973 |
| 4790 | OsmoHNBGW                                    | Feature | New      | Low      | Vodafone HSPA+ femtocell available in Deutschland                                              |          | 03/09/2024 07:08 PM |                  |
| 5482 | Open Source IMS Client                       | Feature | New      | Normal   | VoWiFi client for creating [outer] IPsec tunnel to ePDG                                        |          | 03/07/2022 09:33 PM | Related to #5482 |
| 6243 | Cellular Network Infrastructure              | Feature | New      | Low      | vty cfg: make changing startup defaults of applications backwards compatible                   |          | 11/01/2023 07:06 PM |                  |
| 5834 | OsmoPCU                                      | Feature | New      | Normal   | VTY option "two-phase-access" is misleading                                                    |          | 12/19/2022 06:55 PM |                  |
| 2827 | OsmoBTS                                      | Feature | New      | Low      | would be nice if logging of the BTS number in osmo-bts matched the BTS number used in osmo-bsc |          | 06/23/2018 06:48 PM |                  |
| 4653 | SDR (Software Defined Radio)                 | Bug     | New      | Normal   | cannot import name 'fosphor'                                                                   |          | 07/07/2020 02:39 AM |                  |
| 5382 | E1/T1 Hardware Interface (including icE1usb) | Bug     | New      | Low      | icE1usb: detect all-1 pattern and report as BLUE alarm                                         |          | 01/02/2022 12:17 PM | Related to #5382 |
| 5396 | OsmocomDECT                                  | Bug     | New      | High     | TcpDump/WireShark will not build with libpcap(dect)                                            |          | 01/09/2022 12:57 PM |                  |
| 4265 | libosmocore                                  | Bug     | New      | Normal   | --enable-embedded doesn't work as expected                                                     |          | 11/12/2019 11:18 AM |                  |
| 1462 | OsmocomBB                                    | Bug     | New      | High     | ../src/utlis.c:182:7: error: only weak aliases are supported in this configuration             |          | 02/21/2016 04:48 PM |                  |
| 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 |                  |
| 5423 | SIMtrace 2                                   | Bug     | New      | Low      | "trace" firmware continuous test setup                                                         |          | 01/27/2022 12:24 PM |                  |
| 5202 | OsmocomBB                                    | Bug     | New      | Normal   | [Assert failed rc >= 0 l1ctl.c:83] cell_log crashes (mostly) when monitoring specific ARFCN    |          | 07/25/2021 01:38 PM |                  |
| 5388 | OsmocomDECT                                  | Bug     | New      | Low      | {MM-INFO-SUGGEST} message not sent with ext bit set to 0                                       |          | 01/09/2022 12:28 PM |                  |
| 1744 | OsmoBTS                                      | Bug     | New      | Low      | 1-way voice between sysmobts and nanobts if DTX is enabled                                     |          | 07/18/2019 06:08 AM | Related to #1562 |
| 4153 | OsmoMGW                                      | Bug     | New      | Normal   | 3G voice broken with ALu 9361 femto                                                            |          | 04/25/2022 05:43 PM |                  |
| 5448 | gr-osmosdr                                   | Bug     | New      | Low      | a bug related to gqrx using gr-osmosdr for sdrplay rsp1 through soapy(?)                       |          | 02/09/2022 02:56 AM |                  |

| #    | Project               | Tracker | Status  | Priority | Subject                                                                                                                                           | Assignee | Updated             | Related issues                                                                       |
|------|-----------------------|---------|---------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------|
| 2851 | OsmoMSC               | Bug     | Stalled | Normal   | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2                                                                                                    |          | 07/18/2019 05:45 AM |                                                                                      |
| 1480 | Mobile (in)Security   | Bug     | New     | High     | A5/3 is not deployed in GSM networks                                                                                                              |          | 02/21/2016 04:34 PM |                                                                                      |
| 3737 | OsmoBSC               | Bug     | New     | Low      | abort because unused lchan has non-null conn pointer, after AMR config error                                                                      |          | 05/08/2019 03:35 PM |                                                                                      |
| 2615 | OsmoGSMTester         | Bug     | New     | Normal   | Add API to check GPS lock in BTS                                                                                                                  |          | 11/03/2017 05:00 PM |                                                                                      |
| 1624 | OsmoPCU               | Bug     | New     | Normal   | add CRBB support to write_packet_ack_nack_desc_egprs                                                                                              |          | 10/20/2020 08:37 AM |                                                                                      |
| 6398 | pySim                 | Bug     | New     | Normal   | Add helper for SwMatchError                                                                                                                       |          | 03/09/2024 09:34 PM |                                                                                      |
| 4579 | OsmoBTS               | Bug     | New     | Normal   | add IPv6 support                                                                                                                                  |          | 02/12/2021 12:26 PM |                                                                                      |
| 2698 | OsmoMSC               | Bug     | New     | Low      | Add more tests to jenkins job testing osmo-msc against NG40tester                                                                                 |          | 01/08/2020 10:17 PM | Related to #2477                                                                     |
| 4174 | osmo-fl2k             | Bug     | New     | Normal   | After the latest commits, the fl2k tools do not exit on first SIGINT                                                                              |          | 08/25/2019 04:57 PM |                                                                                      |
| 5726 | OsmoMGW               | Bug     | New     | Normal   | AMR octet-align in SDP: lack of 'octet-align' fmtp should imply octet-align=0, and the presence or absence of this fmtp should not have an effect |          | 12/12/2023 01:51 AM | Is duplicate of #5726                                                                |
| 4985 | OsmoBTS               | Bug     | New     | Normal   | AMR RTP CMR of downlink frames not used to influence CMC                                                                                          |          | 01/28/2021 01:35 PM |                                                                                      |
| 4417 | IMSI Pseudonymization | Bug     | New     | Normal   | Applet: LU counter should only increase on successful location update                                                                             |          | 04/16/2020 08:45 AM | Related to #4478                                                                     |
| 4480 | IMSI Pseudonymization | Bug     | New     | Normal   | Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS                                                                             |          | 04/16/2020 08:45 AM | Related to #4480                                                                     |
| 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                                                                     |
| 3459 | OsmocomBB SDR PHY     | Bug     | Stalled | Normal   | apps/grgsm_trx: AssertionError: packe t_info.packet_count == (seq_to_ack & 0xff)                                                                  |          | 07/09/2023 07:48 PM |                                                                                      |
| 4274 | OsmoSTP               | Bug     | New     | Normal   | AS Name isn't displayed                                                                                                                           |          | 03/14/2024 10:33 AM |                                                                                      |
| 2916 | OsmoMSC               | Bug     | New     | Normal   | asan failure on debian unstable in msc_vlr_test_gsm_ciph                                                                                          |          | 02/09/2018 04:20 PM |                                                                                      |
| 2690 | OsmocomBB             | Bug     | New     | Normal   | ASAN issue on shutdown/no shutdown SYSINFO access                                                                                                 |          | 11/29/2017 09:33 AM |                                                                                      |
| 3787 | OsmoBSC               | Bug     | New     | Low      | Assignment Request modifies conn->codec_list before the Assignment is successful                                                                  |          | 01/08/2020 10:25 PM | Related to #3833                                                                     |
| 3786 | OsmoBSC               | Bug     | New     | Low      | Assignment Request modifies conn->lcls state before the Assignment is successful                                                                  |          | 01/08/2020 10:25 PM |                                                                                      |
| 6322 | pySim                 | Bug     | New     | Low      | ATR type annotation                                                                                                                               |          | 01/03/2024 09:55 PM |                                                                                      |
| 4642 | OsmoNITB              | Bug     | New     | Low      | Attempting to set illegal id for FSM instance of type 'OM2000-MO'                                                                                 |          | 07/03/2020 06:40 PM |                                                                                      |
| 6337 | OsmocomBB             | Bug     | New     | High     | bad fr audio with gapk/ms-sdr                                                                                                                     |          | 01/22/2024 09:21 PM | Related to #6337                                                                     |
| 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 |

| #    | Project                               | Tracker | Status   | Priority | Subject                                                                                  | Assignee | Updated             | Related issues                                     |
|------|---------------------------------------|---------|----------|----------|------------------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 5515 | OsmoBSC                               | Bug     | New      | Normal   | BSC_Tests: re-establishment: RA during CHAN RQD should reflect re-establishment          |          | 04/06/2022 08:02 PM |                                                    |
| 4930 | OsmoBSC                               | Bug     | New      | Normal   | bsc: cbc: vty: "no remote-ip" in cbc > client                                            |          | 12/31/2020 10:42 PM |                                                    |
| 5843 | OsmoBSC                               | Bug     | New      | Normal   | BTS features aren't reset after oml drop                                                 |          | 12/22/2022 09:27 PM |                                                    |
| 3776 | OP25                                  | Bug     | New      | Normal   | Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS                                    |          | 07/05/2019 07:12 PM |                                                    |
| 6176 | OsmoSGSN                              | Bug     | New      | Low      | build failure (dependency / concurrency issue)                                           |          | 09/13/2023 03:14 PM |                                                    |
| 2809 | Z-Netz                                | Bug     | New      | Normal   | Build ZConnect <-> UseNet gateway                                                        |          | 01/01/2018 01:33 PM |                                                    |
| 1916 | OsmocomBB                             | Bug     | New      | Normal   | building GNU ARM toolchain with gcc-4.8 fails on modern texinfo                          |          | 10/16/2017 02:14 PM |                                                    |
| 5305 | OsmocomBB                             | Bug     | New      | Normal   | Burst capture                                                                            |          | 11/10/2021 06:38 PM |                                                    |
| 2884 | OsmoMSC                               | Bug     | New      | Low      | Call Control timers are very long and not configurable                                   |          | 01/08/2020 10:56 PM |                                                    |
| 3663 | gr-osmosdr                            | Bug     | New      | Normal   | Can't compile gr-osmosdr on macOS Mojave                                                 |          | 10/19/2018 02:37 PM |                                                    |
| 4685 | SDR (Software Defined Radio)          | Bug     | New      | Normal   | Can't compile libusrp                                                                    |          | 08/04/2020 08:52 AM |                                                    |
| 4325 | gr-osmosdr                            | Bug     | New      | Normal   | can't open hackrf_sink with device index                                                 |          | 12/13/2019 09:18 AM |                                                    |
| 4491 | OsmoHLR                               | Bug     | New      | Low      | Cancel in old VLR/SGSN, if new VLR/SGSN differs from old                                 |          | 04/15/2020 12:29 PM |                                                    |
| 3734 | gr-osmosdr                            | Bug     | New      | High     | Cannot compile gr-osmocom                                                                |          | 12/16/2018 12:22 AM |                                                    |
| 6372 | OsmocomBB SDR PHY                     | Bug     | New      | Normal   | Cant connect to BS using cell_log and mobile                                             |          | 02/22/2024 07:13 AM |                                                    |
| 1813 | Qualcomm Linux Modems by Quectel & Co | Bug     | New      | Normal   | cat /dev/snd/* causes kernel oops                                                        |          | 09/30/2016 04:00 PM |                                                    |
| 5585 | OsmoCBC                               | Bug     | New      | Low      | CBC should not send WRITE-REPLACE to cells that had sent FAILURE                         |          | 08/05/2022 04:58 PM |                                                    |
| 1550 | OsmoPCU                               | Bug     | New      | Normal   | Cell reselection under network control                                                   |          | 02/23/2016 03:06 PM |                                                    |
| 2933 | OsmoMSC                               | Bug     | New      | Low      | change of trans->bearer_cap (e.g. via MNCC) will not trigger BSSMAP ASSIGNMENT           |          | 02/12/2018 11:36 AM | Related to #2854                                   |
| 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 |
| 4009 | OsmoBTS                               | Bug     | New      | Normal   | Channel Activation starts SACCH too early in Synchronous Handover                        |          | 03/11/2022 12:44 PM | Related to #4009,Related to #4010,Related to #4009 |
| 6328 | OsmoBSC                               | Bug     | New      | Normal   | Channel Mode Modify fails to modify the RTP payload type number                          |          | 01/12/2024 06:24 AM | Related to #6328                                   |
| 3443 | OsmoMGW                               | Bug     | New      | Low      | Check audio-payload options in osmo-mgw VTY                                              |          | 03/15/2020 08:43 AM |                                                    |
| 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 |                                                    |
| 5644 | Osmocom Libraries                     | Bug     | New      | Normal   | Check library pkg-config files for proper dependencies                                   |          | 08/10/2022 01:02 PM | Related to #5644                                   |

| #    | Project                               | Tracker | Status   | Priority | Subject                                                                                                                                          | Assignee | Updated             | Related issues                    |
|------|---------------------------------------|---------|----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 4554 | OsmoMGW                               | Bug     | New      | Normal   | Clean up stale endpoints after OsmoBSC crash                                                                                                     |          | 05/16/2020 08:52 PM |                                   |
| 3980 | OsmoMGW                               | Bug     | New      | Normal   | Clear Command before CRCX OK may leak MGW endpoint                                                                                               |          | 05/06/2019 10:11 PM |                                   |
| 5628 | osmo-remsim                           | Bug     | New      | Low      | client-st2: error mesasges when mapping is removed                                                                                               |          | 07/24/2022 07:14 AM |                                   |
| 4484 | gr-osmosdr                            | Bug     | New      | Normal   | CMakeFiles.txt                                                                                                                                   |          | 04/06/2020 05:19 PM |                                   |
| 6283 | OsmoHNBGW                             | Bug     | New      | Normal   | cnpool: hnbgw fails to extract Mobile Identity from some GMM Attach Request messages                                                             |          | 12/04/2023 01:48 AM |                                   |
| 1671 | OsmoNITB                              | Bug     | Stalled  | Low      | Combined 850/1800 NITB not seen by Option Icon2 stick                                                                                            |          | 03/05/2018 07:35 PM |                                   |
| 5218 | gr-osmosdr                            | Bug     | New      | Normal   | compilation fails: "no matching function for call to fcd_source_c::connect"                                                                      |          | 09/05/2021 10:58 PM |                                   |
| 4359 | gr-osmosdr                            | Bug     | New      | Normal   | Compiling from Git Bramcj gr3.8 fails                                                                                                            |          | 01/12/2020 05:08 PM |                                   |
| 4885 | libosmocore                           | Bug     | New      | Normal   | configure doesn't check for python3                                                                                                              |          | 12/02/2020 03:36 AM |                                   |
| 3822 | OsmoMGW                               | Bug     | New      | Low      | conn mode "sendonly" behaves identically to "sendrecv"                                                                                           |          | 03/04/2019 09:34 PM |                                   |
| 5368 | libosmo-netif                         | Bug     | Feedback | Low      | consider using SCTP_EVENT instead of SCTP_EVENTS                                                                                                 |          | 12/23/2021 09:09 AM | Related to #5368,Related to #5368 |
| 5462 | osmo-sip-connector                    | Bug     | New      | Normal   | Contact Header Missing - Way Forward?                                                                                                            |          | 02/21/2022 05:51 AM |                                   |
| 5750 | Cellular Network Infrastructure       | Bug     | New      | Normal   | contrib/jenkins.sh: build with -Wunused-macros and -Wundef                                                                                       |          | 11/08/2022 08:07 PM |                                   |
| 2824 | gr-osmosdr                            | Bug     | New      | High     | Corrupted double-linked for Raspbian Stretch when running osmoccom_fft (and any other program using osmosdr.source                               |          | 06/03/2018 12:08 PM |                                   |
| 4599 | OsmoSGSN                              | Bug     | New      | Normal   | counter group sgsn:pdptx already exists for index X, instead using Y                                                                             |          | 09/09/2020 10:05 AM | Related to #4604                  |
| 2808 | Z-Netz                                | Bug     | New      | Normal   | Create + Document VM/emulation setup for running ZERBERUS                                                                                        |          | 01/01/2018 01:09 PM |                                   |
| 2805 | FidoNet                               | Bug     | New      | Low      | Create reproducible / semi-automatic way to create FidoNet node on Linux                                                                         |          | 07/18/2019 05:34 AM |                                   |
| 5735 | osmo-e1d                              | Bug     | New      | Normal   | ctl client disconnect doesn't re-set timeslot state                                                                                              |          | 05/23/2023 06:19 AM |                                   |
| 2688 | libosmocore                           | Bug     | New      | Normal   | CTRL iface: make rate_ctr request parser more strict                                                                                             |          | 03/24/2021 12:37 PM | Related to #4443                  |
| 4443 | libosmocore                           | Bug     | New      | Normal   | CTRL interface blocks wildcard in rate_ctr                                                                                                       |          | 03/08/2020 01:06 PM | Related to #4443,Related to #4443 |
| 6129 | Miscellaneous Projects                | Bug     | New      | Normal   | Discourse: Setting a custom avatar via upload fails                                                                                              |          | 08/02/2023 06:07 PM |                                   |
| 6281 | OCTOI - Osmocom Community TDM over IP | Bug     | New      | Normal   | divf yate: calls to wave playback or loopback never connect                                                                                      |          | 12/04/2023 12:14 PM | Related to #6282                  |
| 6433 | OsmoHNBGW                             | Bug     | New      | Normal   | DLGLOBAL ERROR counter group 'hnb' already exists for index 0, instead using index 1. This is a software bug that needs fixing. (rate_ctr.c:221) |          | 04/04/2024 11:11 PM |                                   |
| 4427 | rtl-sdr                               | Bug     | New      | Normal   | docker + rtl_sdr issue                                                                                                                           |          | 02/29/2020 01:16 PM |                                   |
| 5521 | osmo-e1d                              | Bug     | New      | Low      | don't attempt OCTOI connection of no TDM data from driver (icE1usb)                                                                              |          | 04/10/2022 05:28 PM |                                   |

| #    | Project                        | Tracker | Status      | Priority | Subject                                                                                      | Assignee | Updated             | Related issues   |
|------|--------------------------------|---------|-------------|----------|----------------------------------------------------------------------------------------------|----------|---------------------|------------------|
| 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 |                  |
| 4783 | libosmocore                    | Bug     | New         | Low      | doxygen: duplicate 'ports.h' warning                                                         |          | 10/07/2020 01:29 PM |                  |
| 4457 | libosmo-sccp + libosmo-sigtran | Bug     | New         | Normal   | editing the SCCP address book (global-title) on a running instance may crash the application |          | 03/17/2020 11:17 PM |                  |
| 5117 | OsmoSDR                        | Bug     | New         | Normal   | Error building gr-osmosdr with libhackrf                                                     |          | 04/15/2021 07:56 AM |                  |
| 3588 | rtl-sdr                        | Bug     | New         | Normal   | Error Values Inconsistent                                                                    |          | 09/25/2018 12:47 PM |                  |
| 4908 | libosmocore                    | Bug     | New         | Normal   | Errors compiling with -std=c++14                                                             |          | 03/01/2021 03:38 PM |                  |
| 2943 | OsmoMSC                        | Bug     | New         | Normal   | Errors in MGCP do not propagate back to MNCC gsm_subscriber_conn state machine               |          | 09/04/2019 09:21 AM |                  |
| 3797 | rtl-sdr                        | Bug     | New         | Normal   | Exits with "Bus error"                                                                       |          | 02/12/2019 02:28 PM |                  |
| 3240 | gr-osmosdr                     | Bug     | New         | Normal   | Expose airspy gain setting in gr-osmosdr block                                               |          | 06/03/2018 12:08 PM |                  |
| 4317 | osmo-pcap                      | Bug     | New         | Low      | external tests not enabled in jenkins.sh                                                     |          | 12/10/2019 02:42 PM |                  |
| 3653 | OsmocomBB                      | Bug     | New         | Normal   | FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX                             |          | 10/22/2018 02:37 PM | Related to #5518 |

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