

all-by-project

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|----------------------------|-----------------|----------|---------|-------------|----------|------------------------------------------------------------------------------|----------|---------------------|------------------|
| Z-Netz (5) | | | | | | | | | |
| 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 | |
| 2809 | Z-Netz | | Bug | New | Normal | Build ZConnect <-> UseNet gateway | | 01/01/2018 01:33 PM | |
| 2808 | Z-Netz | | Bug | New | Normal | Create + Document VM/emulation setup for running ZERBERUS | | 01/01/2018 01:09 PM | |
| 2807 | Z-Netz | | Bug | Stalled | Normal | Obtain ZERBERUS software build[s] and manual[s] | laforge | 01/01/2020 01:51 PM | |
| UUCP and UseNet (1) | | | | | | | | | |
| 2806 | UUCP and UseNet | | Feature | New | Low | Create Dockerfile and/or ansible playbook for UseNet node | | 01/01/2018 01:04 PM | |
| UmTRX (13) | | | | | | | | | |
| 1510 | UmTRX | Host | Feature | New | High | Complete UHD integration | ipse | 02/21/2016 04:47 PM | |
| 1508 | UmTRX | FPGA | Feature | New | High | Implement UmSEL diversity switch control | ipse | 02/21/2016 04:47 PM | |
| 1507 | UmTRX | FPGA | Feature | New | High | Implement UmSEL tuner control | ipse | 02/21/2016 04:47 PM | |
| 1505 | UmTRX | Hardware | Bug | New | High | OHM4 footprint incorrect | | 02/19/2016 10:52 PM | |
| 3747 | UmTRX | FPGA | Feature | New | Normal | LMS6002D RX Gain Control | ipse | 01/08/2019 09:46 AM | |
| 1518 | UmTRX | Hardware | Feature | New | Normal | Upper limit of the clock is too low | | 02/19/2016 10:52 PM | |
| 1517 | UmTRX | Hardware | Feature | New | Normal | U_FL (UMC) connectors are not reliable after few connections | | 02/19/2016 10:52 PM | |
| 1516 | UmTRX | Hardware | Feature | New | Normal | There are no port to control external equipment like PA | | 02/19/2016 10:52 PM | |
| 1515 | UmTRX | Hardware | Feature | New | Normal | Heat dissipation and mounting issue | | 02/19/2016 10:52 PM | |
| 1511 | UmTRX | FPGA | Feature | New | Normal | Solve Tx and Rx I/Q imbalance for wideband signals | | 02/19/2016 10:52 PM | |
| 1509 | UmTRX | ZPU | Feature | New | Normal | Store calibration values in EEPROM | ipse | 02/21/2016 04:47 PM | |
| 1506 | UmTRX | FPGA | Feature | New | Normal | Move to the latest stable UHD | ipse | 02/21/2016 04:47 PM | |
| 1504 | UmTRX | Hardware | Feature | New | Normal | LMS6002 phase error increases when Rx is enabled and varies with temperature | ttsou | 02/19/2016 10:52 PM | |
| SIMtrace 2 (30) | | | | | | | | | |
| 5921 | SIMtrace 2 | | Bug | In Progress | High | simtrace2 cardem vs. Linux kernel USB autosuspend | laforge | 09/16/2023 10:47 PM | Related to #5921 |
| 5419 | SIMtrace 2 | firmware | Bug | Stalled | High | cardem errors with higher baud rate | laforge | 11/07/2022 06:22 PM | |
| 3379 | SIMtrace 2 | | Bug | Stalled | High | documentation on how to use SIMtrace2 | laforge | 11/14/2022 05:31 PM | Related to #3379 |

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|------|------------|---------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------|---------------|---------------------|-----------------------------------|
| 1705 | SIMtrace 2 | firmware | Bug | Stalled | High | re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S) | laforge | 04/06/2021 01:19 AM | Related to #1705,Related to #3379 |
| 5805 | SIMtrace 2 | host software | Feature | New | Normal | SIM Trace 2 Build for Windows | jelson_simEng | 04/02/2023 09:56 AM | |
| 5415 | SIMtrace 2 | firmware | Bug | New | Normal | cardem: watchdog triggers firmware reset | lynxis | 02/15/2022 08:07 PM | |
| 4430 | SIMtrace 2 | firmware | Bug | New | Normal | firmware can get in endless out-of-memory loop on OUT EP flood | laforge | 11/14/2022 11:46 PM | |
| 4118 | SIMtrace 2 | hardware | Bug | New | Normal | VCC_PHONE strong pull on SIMtrace board | mschramm | 02/01/2023 12:16 PM | Related to #4118,Related to #4118 |
| 4041 | SIMtrace 2 | firmware | Bug | New | Normal | implement SIMTRACE_CMD_BD_BOARD_INFO | laforge | 12/06/2019 01:38 PM | Related to #4041 |
| 3815 | SIMtrace 2 | firmware | Bug | New | Normal | simtrace2 fails USB-IF CH9 test | Hoernchen | 05/12/2020 07:24 PM | |
| 3711 | SIMtrace 2 | hardware | Feature | New | Normal | Add screw holes for permanent installations | mschramm | 11/01/2023 08:28 PM | |
| 3371 | SIMtrace 2 | firmware | Feature | New | Normal | migrate to use arm-none-eabi build of libosmocore.git | laforge | 08/09/2018 12:14 PM | |
| 1911 | SIMtrace 2 | hardware | Feature | New | Normal | check if we can have an enclosed version of simtrace v2 | tsaitgaist | 09/13/2018 12:40 PM | |
| 1460 | SIMtrace 2 | firmware | Feature | New | Normal | include some version information / negotiation in the USB protocol | laforge | 12/06/2019 01:39 PM | Related to #1461,Related to #4041 |
| 5464 | SIMtrace 2 | firmware | Bug | In Progress | Normal | cardem firmware unable to attach to card | laforge | 11/18/2022 06:41 PM | Related to #5464 |
| 5422 | SIMtrace 2 | firmware | Feature | In Progress | Normal | "cardem" continuous testing setup | laforge | 01/27/2022 12:22 PM | Related to #5422 |
| 6181 | SIMtrace 2 | | Bug | Feedback | Normal | Unexpected INS code with simtrace2-sniff: 0x7f | v.marinos | 10/18/2023 09:41 PM | |
| 5770 | SIMtrace 2 | firmware | Bug | Feedback | Normal | simtrace2 firmware ignores any but the first USB message sent by simtrace2-list after a reset | jtavares | 11/23/2022 04:01 AM | |
| 5639 | SIMtrace 2 | firmware | Bug | Feedback | Normal | No packet captured but only "Card state change:" | g1bbs | 09/20/2023 01:29 PM | |
| 5600 | SIMtrace 2 | | Feature | Feedback | Normal | SIMtrace2 fails to emulate EMV cards | boggy123 | 12/14/2022 01:07 PM | |
| 5826 | SIMtrace 2 | | Feature | Stalled | Normal | SAM4S4BA support in firmware | laforge | 01/31/2023 08:06 PM | Related to #5826 |
| 5276 | SIMtrace 2 | | Feature | Stalled | Normal | jenkins CI integration like for osmo-ccid-firmware | roh | 11/14/2022 05:24 PM | Related to #5422 |
| 5423 | SIMtrace 2 | | Bug | New | Low | "trace" firmware continuous test setup | | 01/27/2022 12:24 PM | |
| 3712 | SIMtrace 2 | | Bug | New | Low | TRACE_FATAL not printing | laforge | 04/06/2021 01:28 AM | |
| 3501 | SIMtrace 2 | hardware | Feature | New | Low | Multi-sim addon board idea | | 08/28/2018 03:00 PM | |
| 1463 | SIMtrace 2 | hardware | Feature | New | Low | Add VCC current sensing circuit for SPA & DPA attacks | laforge | 08/27/2018 07:05 AM | Related to #1706 |
| 1457 | SIMtrace 2 | hardware | Feature | New | Low | Spacing between JTAG and JP1/JP2 | mschramm | 09/13/2018 07:07 PM | |

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|------|------------|----------|---------|-------------|----------|--------------------------------------------------------------------------------|----------|---------------------|---------------------------------------------------------------------|
| 1706 | SIMtrace 2 | hardware | Feature | In Progress | Low | Hardware / Circuit board update for SAM3S based SIMtrace2 with 1.8V/5V support | mschramm | 10/28/2023 11:25 AM | Related to #1706,Related to #5464,Related to #4118,Related to #5826 |
| 5578 | SIMtrace 2 | firmware | Bug | Stalled | Low | osmo-remsim-client-st2 hangs after usb-reset without power loss on qmod | laforge | 01/31/2023 08:25 PM | Related to #5921 |
| 1912 | SIMtrace 2 | hardware | Feature | Stalled | Low | do proper re-layout of the board | mschramm | 10/20/2020 08:39 AM | Related to #4118 |

SDR (Software Defined Radio) (12)

| | | | | | | | | | |
|------|------------------------------|--|---------|---------|--------|--------------------------------------------------------------------------|---------|---------------------|--|
| 1474 | SDR (Software Defined Radio) | | Bug | New | High | USB Claim Interface Error | steve-m | 02/20/2016 08:23 PM | |
| 5850 | SDR (Software Defined Radio) | | Bug | New | Normal | OBS mingw builds not updated since 2019 | roox | 01/04/2023 12:15 PM | |
| 4685 | SDR (Software Defined Radio) | | Bug | New | Normal | Can't compile libusrp | | 08/04/2020 08:52 AM | |
| 4677 | SDR (Software Defined Radio) | | Bug | New | Normal | fopher crash on OSX with Qt | | 07/27/2020 03:27 AM | |
| 4653 | SDR (Software Defined Radio) | | Bug | New | Normal | cannot import name 'fosphor' | | 07/07/2020 02:39 AM | |
| 4580 | SDR (Software Defined Radio) | | Feature | New | Normal | gr-osmosdr compilation under GnuRadio 3.9.0 | | 06/04/2020 01:13 AM | |
| 3817 | SDR (Software Defined Radio) | | Bug | New | Normal | Unable to use fosphor display on Ubuntu 18.10 | | 02/26/2019 06:56 PM | |
| 2764 | SDR (Software Defined Radio) | | Support | New | Normal | osmocom_fft & siggen can't access the X display | | 12/15/2017 06:09 PM | |
| 2224 | SDR (Software Defined Radio) | | Feature | New | Normal | New Fosphor Benchmark Performance | | 05/04/2017 01:23 PM | |
| 1678 | SDR (Software Defined Radio) | | Bug | New | Normal | Use -undefined dynamic_lookup when using Python and building on Mac OS X | | 03/30/2016 11:25 PM | |
| 3126 | SDR (Software Defined Radio) | | Bug | New | Low | Windows 10 Pro 1709: crash of rtl_test.exe | | 03/30/2018 02:16 PM | |
| 5892 | SDR (Software Defined Radio) | | Feature | Stalled | Low | design/build ext clock input board for PlutoSDR Rev.B | laforge | 10/18/2023 05:23 PM | |

rtl-sdr (24)

| | | | | | | | | | |
|------|---------|--|-----|-----|--------|-------------------------------------------------------------------------------------------------------------------------|---------|---------------------|--|
| 6413 | rtl-sdr | | Bug | New | Normal | Incorrect Debian/Debian-like binary packages | steve-m | 03/22/2024 05:09 PM | |
| 6329 | rtl-sdr | | Bug | New | Normal | rtl_sdr does not have correct rpath set on OSX build | | 01/12/2024 09:57 PM | |
| 6225 | rtl-sdr | | Bug | New | Normal | rtl-sdr reelase tarballs missing from https://ftp.osmocom.org/releases/ | osmith | 10/19/2023 09:46 AM | |

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|------|---------|----------|---------|--------|----------|---------------------------------------------------------------------------------------------------------------------|----------|---------------------|----------------|
| 6032 | rtl-sdr | | Bug | New | Normal | Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC | | 05/15/2023 12:14 PM | |
| 6012 | rtl-sdr | | Bug | New | Normal | Update wiki for macos build | steve-m | 05/01/2023 02:38 AM | |
| 6005 | rtl-sdr | | Bug | New | Normal | rtl-test and rtl-sdr exit code=-5 when running on Windows 10 WSL and Ubuntu | steve-m | 10/18/2023 05:45 PM | |
| 5922 | rtl-sdr | | Bug | New | Normal | rtl_sdr bytes_to_read wraparound for n > 2**31 | steve-m | 03/20/2023 10:16 AM | |
| 5291 | rtl-sdr | | Feature | New | Normal | Ship the udev rules upstream | steve-m | 11/05/2021 11:04 AM | |
| 5220 | rtl-sdr | | Bug | New | Normal | Undefined reference to libusb_dev_mem_free | steve-m | 08/31/2021 09:21 AM | |
| 5120 | rtl-sdr | | Bug | New | Normal | rtlsdr_demod_write_reg failed with -9 | | 04/18/2021 08:55 PM | |
| 4758 | rtl-sdr | | Bug | New | Normal | rtl_tcp no longer works on macos 10.15 via macports | steve-m | 04/30/2023 11:59 AM | |
| 4720 | rtl-sdr | | Bug | New | Normal | rtl_power reports invalid values | | 08/19/2020 02:47 PM | |
| 4513 | rtl-sdr | | Bug | New | Normal | PKG information broken | | 04/26/2020 03:21 PM | |
| 4427 | rtl-sdr | | Bug | New | Normal | docker + rtl_sdr issue | | 02/29/2020 01:16 PM | |
| 4367 | rtl-sdr | | Support | New | Normal | "Communications Toolbox Support Package for RTL-SDR Radio" from "Mathworks Matlab" appears to be with broken links? | steve-m | 01/21/2020 08:52 PM | |
| 4080 | rtl-sdr | | Support | New | Normal | Receiving UTAs on 978 Mhz | | 07/02/2019 12:08 PM | |
| 3797 | rtl-sdr | | Bug | New | Normal | Exits with "Bus error" | | 02/12/2019 02:28 PM | |
| 3591 | rtl-sdr | | Bug | New | Normal | No Way To Detect Occasional Failed Bulk Transfers | | 09/25/2018 01:29 PM | |
| 3590 | rtl-sdr | | Bug | New | Normal | Key Functions Missing Documentation | | 09/25/2018 01:04 PM | |
| 3589 | rtl-sdr | | Bug | New | Normal | Zerocopy Buffers Unusable Outside Callback Without memcpy() | | 09/25/2018 12:58 PM | |
| 3588 | rtl-sdr | | Bug | New | Normal | Error Values Inconsistent | | 09/25/2018 12:47 PM | |
| 3315 | rtl-sdr | | Feature | New | Normal | review and possibly apply patches from debian package | steve-m | 06/03/2018 01:17 PM | |
| 2607 | rtl-sdr | | Bug | New | Normal | rtl-sdr gnuradio cfile is outdated | | 06/03/2018 12:23 PM | |
| 1983 | rtl-sdr | | Support | New | Normal | Add welle.io and rtl_fm_streamer to rtl-sdr app list | | 06/03/2018 12:24 PM | |

Retronetworking (19)

| | | | | | | | | | |
|------|-----------------|--|---------|-----|--------|-------------------------------------------------------------------------|---------|---------------------|--|
| 6219 | Retronetworking | | Feature | New | Normal | Publish pics/videos for EWSD rescue/move | laforge | 10/17/2023 02:10 PM | |
| 6218 | Retronetworking | | Feature | New | Normal | write article/report on EWSD rescue for IGHFT / Fernmeldemuseum Dresden | laforge | 10/17/2023 02:11 PM | |
| 5855 | Retronetworking | | Feature | New | Normal | Establishing a German non-profit for retronetworking | laforge | 01/13/2023 11:59 AM | |
| 5768 | Retronetworking | | Feature | New | Normal | retronetworking logo / artwork | | 04/07/2024 10:40 PM | |
| 5681 | Retronetworking | | Bug | New | Normal | Figure out suitable connectors for EKSOS | laforge | 07/31/2023 10:22 AM | |
| 5543 | Retronetworking | | Feature | New | Normal | Contact manufacturers for leftover stock | | 06/27/2023 09:05 PM | |

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|------|-----------------|----------|---------|-------------|----------|-----------------------------------------------------------|----------|---------------------|----------------|
| 6224 | Retronetworking | | Feature | Feedback | Normal | how to document the rescued EWSD | | 10/18/2023 04:51 PM | |
| 6244 | Retronetworking | | Feature | New | Low | scan more/all EWS(O) documentation laforge has | laforge | 11/01/2023 09:50 PM | |
| 6237 | Retronetworking | | Feature | New | Low | Design + Build PCBA for NE555 based fake fan rpm sensor | laforge | 10/30/2023 01:38 AM | |
| 6195 | Retronetworking | | Feature | New | Low | Wiki page on Cisco *WIC-* line cards for 26xx/28xx series | laforge | 10/08/2023 07:33 AM | |
| 6194 | Retronetworking | | Feature | New | Low | wiki page on MultiTech MT5600-BL | laforge | 09/27/2023 12:46 PM | |
| 6193 | Retronetworking | | Support | New | Low | Replace "event rack" PM3 power supply | laforge | 09/27/2023 12:19 PM | |
| 5746 | Retronetworking | | Feature | New | Low | Create H.221 decoder | | 11/07/2022 10:55 PM | |
| 5545 | Retronetworking | | Feature | New | Low | E1 support for dynamips | | 04/24/2022 09:56 AM | |
| 5512 | Retronetworking | | Bug | New | Low | Idea: L1OIP driver for DAHDI | | 04/03/2022 11:46 AM | |
| 5511 | Retronetworking | | Feature | New | Low | Idea: DAHDI backend for miSDN | | 09/18/2022 03:59 PM | |
| 4226 | Retronetworking | | Feature | New | Low | STM-1 / USB interface? | | 01/30/2022 10:14 AM | |
| 5488 | Retronetworking | | Feature | In Progress | Low | create DAHDI mirror sniffer | laforge | 11/07/2022 06:04 PM | |
| 5463 | Retronetworking | | Feature | In Progress | Low | X.21 hardware interface | vogelchr | 03/04/2023 02:37 PM | |

Retrocomputing (8)

| | | | | | | | | | |
|------|----------------|--|---------|-------------|--------|------------------------------------|---------|---------------------|--|
| 5938 | Retrocomputing | | Feature | In Progress | Normal | assemble "fake parallel printer" | laforge | 09/13/2023 09:32 AM | |
| 5947 | Retrocomputing | | Feature | New | Low | Assemble PC104-SVGA | laforge | 03/15/2023 09:29 AM | |
| 5940 | Retrocomputing | | Feature | New | Low | Assemble LPT_Capture | laforge | 03/15/2023 09:06 AM | |
| 5936 | Retrocomputing | | Feature | New | Low | Assemble netpi-ide | laforge | 03/02/2023 09:25 PM | |
| 5932 | Retrocomputing | | Feature | New | Low | assemble ISA-USB | laforge | 03/02/2023 09:25 PM | |
| 5939 | Retrocomputing | | Bug | In Progress | Low | Assemble GraphicGremlin / isavideo | laforge | 03/15/2023 09:06 AM | |
| 5934 | Retrocomputing | | Feature | In Progress | Low | Assemble Pico-GUS | laforge | 03/06/2023 04:25 PM | |
| 5933 | Retrocomputing | | Feature | In Progress | Low | Assemble XT-CF-Lite v4.1 | laforge | 03/20/2023 09:54 AM | |

Qualcomm Linux Modems by Quectel & Co (5)

| | | | | | | | | | |
|------|---------------------------------------|--|---------|-----|--------|----------------------------------------------------------|--|---------------------|--|
| 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 | |
| 4135 | Qualcomm Linux Modems by Quectel & Co | | Support | New | Normal | how to use network inside ec20 | | 07/31/2019 11:20 AM | |
| 1815 | Qualcomm Linux Modems by Quectel & Co | | Feature | New | Normal | tool for building binary ipk from .list/.control | | 10/02/2016 05:06 AM | |

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|-------------------|---------------------------------------|-----------------|---------|-------------|----------|-------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 1813 | Qualcomm Linux Modems by Quectel & Co | | Bug | New | Normal | cat /dev/snd/* causes kernel oops | | 09/30/2016 04:00 PM | |
| 1814 | Qualcomm Linux Modems by Quectel & Co | | Feature | New | Low | check if qtools work | | 10/02/2016 04:08 AM | |
| pySim (29) | | | | | | | | | |
| 4383 | pySim | | Bug | Stalled | High | Jenkins build verification is non-deterministic | dexter | 04/06/2021 04:58 PM | Related to #4384,Related to #5127 |
| 6418 | pySim | | Bug | New | Normal | osmo-smdpp docs | | 03/25/2024 05:54 PM | |
| 6398 | pySim | | Bug | New | Normal | Add helper for SwMatchError | | 03/09/2024 09:34 PM | |
| 6367 | pySim | | Feature | New | Normal | PC/SC <-> Android OMAPI bridge for pySim and others | | 02/17/2024 01:34 PM | |
| 6316 | pySim | pySim-shell | Feature | New | Normal | include test data in user manual | | 12/23/2023 03:10 PM | |
| 6265 | pySim | pySim-prog | Feature | New | Normal | decode numeric SW in case of errors | dexter | 12/11/2023 01:01 PM | |
| 5878 | pySim | | Bug | New | Normal | pySim shell: version fails with DistributionNotFound | fixeria | 10/06/2023 09:03 AM | |
| 5550 | pySim | | Bug | New | Normal | EF.ARR file decoding would need to be context dependent | chrysn | 06/24/2022 08:50 AM | |
| 5268 | pySim | | Feature | New | Normal | pySim-shell: GlobalPlatform SCP02 support | laforge | 10/14/2021 07:12 PM | Related to #5268 |
| 5267 | pySim | | Feature | New | Normal | pySim-shell: Ability to deactivate entire applications on the card | | 10/14/2021 07:12 PM | Related to #5268 |
| 5127 | pySim | | Feature | New | Normal | tool for "re-formatting" [sysmocom] cards in tester | laforge | 10/14/2021 07:16 PM | Related to #5127 |
| 6119 | pySim | | Bug | In Progress | Normal | aram_get_config runs into an exception on a sysmocomSJA2 | laforge | 12/05/2023 05:26 PM | |
| 6089 | pySim | pySim-shell | Feature | Feedback | Normal | log the current file / operation during execeution of a script | laforge | 11/27/2023 04:37 PM | |
| 6317 | pySim | | Bug | Stalled | Normal | data driven tests for TLV decoders | laforge | 02/15/2024 09:21 PM | |
| 5714 | pySim | pySim libraries | Bug | Stalled | Normal | update_record_decoded does not use real record length when writing EF.MSISDN | dexter | 09/17/2023 09:46 AM | |
| 5630 | pySim | | Bug | Stalled | Normal | pySim-trace doesn't support decoding classic SIM cards (TS 11.11 / TS 51.011) | laforge | 07/24/2022 11:06 AM | |
| 4384 | pySim | | Feature | Stalled | Normal | Jenkins program-read verification on daily (or weekly) basis | dexter | 03/27/2023 04:13 PM | Related to #4384 |
| 6340 | pySim | osmo-smdpp | Bug | New | Low | exception when using osmo-smdpp with python 3.9 | laforge | 02/15/2024 09:29 PM | |
| 6322 | pySim | | Bug | New | Low | ATR type annotation | | 01/03/2024 09:55 PM | |
| 6315 | pySim | pySim libraries | Feature | New | Low | have test data for all supported files | | 12/23/2023 09:36 AM | |

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|------|---------|-----------------|---------|-------------|----------|-----------------------------------------------------------------------------------|----------|---------------------|------------------|
| 6314 | pySim | pySim-trace | Bug | New | Low | pySim-trace doesn't support ARA-M | | 12/23/2023 09:36 AM | |
| 6120 | pySim | | Bug | New | Low | select MF raise an exception after selecting ADF.ARA-M | dexter | 12/18/2023 10:30 AM | Related to #6120 |
| 6104 | pySim | pySim libraries | Feature | New | Low | reduce number of python dependencies | | 07/20/2023 04:28 PM | |
| 6092 | pySim | pySim-shell | Feature | New | Low | "export" suport for ARA-M | dexter | 10/31/2023 06:40 PM | |
| 6086 | pySim | | Feature | New | Low | implement features of sysmo-{usim,isim}-tool | laforge | 07/13/2023 04:09 AM | |
| 5976 | pySim | | Feature | New | Low | pySim-prog: do not program linked files multiple times | dexter | 03/27/2023 04:05 PM | |
| 5235 | pySim | | Feature | New | Low | import / export as eUICC profile package ASN.1 | | 06/09/2023 04:55 PM | |
| 1919 | pySim | | Bug | New | Low | issue with grcardsim from Greencard (grcard.cn) | | 08/17/2017 06:45 AM | |
| 6211 | pySim | pySim-shell | Feature | In Progress | Low | decode security attributes _compact_ in human-readable way, like we decode EF.ARR | dexter | 12/15/2023 07:22 AM | Related to #6211 |

OsmoUPF (5)

| | | | | | | | | | |
|------|---------|--|---------|-------------|--------|---------------------------------------------------------------|--|---------------------|------------------|
| 5814 | OsmoUPF | | Feature | New | Normal | tunmap: more concisely match on GTP-U packets | | 12/06/2022 07:30 PM | |
| 5662 | OsmoUPF | | Feature | New | Normal | add Linux kernel options to manual | | 08/24/2022 03:13 PM | |
| 5900 | OsmoUPF | | Feature | In Progress | Normal | make sure chain ids used in the tunmap nft ruleset are unused | | 02/09/2023 05:34 PM | |
| 5682 | OsmoUPF | | Feature | New | Low | cfg: separate PFCP Node ID from PFCP local address | | 09/17/2022 02:21 PM | Related to #5682 |
| 6394 | OsmoUPF | | Feature | Stalled | Low | Basic URR (Usage Reporting Rule) support for tunnel mapping | | 03/22/2024 08:08 AM | Related to #6395 |

OsmoTRX (31)

| | | | | | | | | | |
|------|---------|---------------|---------|-------------|--------|------------------------------------------------------------------------------------------------------------|-----------|---------------------|------------------------------------------------|
| 4622 | OsmoTRX | UHD | Bug | New | High | Lots of "dumping STALE burst in TRX->SDR interface" messages in osmo-trx after osmo-bts-trx proper restart | Hoernchen | 07/06/2020 11:57 AM | |
| 5516 | OsmoTRX | | Feature | In Progress | High | BladeRF 2.0 Support | Hoernchen | 02/14/2023 02:59 PM | Is duplicate of #2430 |
| 3341 | OsmoTRX | LimeSDR | Bug | Stalled | High | osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini | | 09/30/2020 08:08 PM | Related to #3341,Related to #3861,Blocks #3341 |
| 6231 | OsmoTRX | | Feature | New | Normal | add support / calibration values for AntSDR E200 | roh | 10/21/2023 03:25 PM | |
| 5859 | OsmoTRX | | Feature | New | Normal | remove non-neon and non-sse support | Hoernchen | 01/16/2023 10:17 PM | |
| 5283 | OsmoTRX | TRX Interface | Feature | New | Normal | Implement TRXDv2 support | fixeria | 10/27/2021 10:35 PM | Related to #5283 |
| 5178 | OsmoTRX | | Bug | New | Normal | LimeNET Micro clock error | Hoernchen | 09/15/2021 09:42 AM | |
| 5050 | OsmoTRX | | Bug | New | Normal | How can I solve limesdr mini clock problem with osmocom ? | | 02/27/2021 01:55 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|----------|---------|----------|----------|----------------------------------------------------------------------------------------------|-----------|---------------------|---------------------------------------------------------------------|
| 4637 | OsmoTRX | LimeSDR | Bug | New | Normal | limesdr usb gain setting changes break gsm phasenoise constraints | | 06/29/2020 04:43 PM | |
| 4469 | OsmoTRX | | Bug | New | Normal | osmo-trx-uhd is sending UDP packets to port 49600 at various addresses on startup | laforge | 06/13/2020 06:07 PM | |
| 4366 | OsmoTRX | LimeSDR | Bug | New | Normal | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load (w/ RACH correlation) | pespin | 01/15/2020 01:59 PM | Related to #4366 |
| 3981 | OsmoTRX | LimeSDR | Bug | New | Normal | osmo-trx-lms: Overruns appear from time to time | | 09/30/2020 08:08 PM | Related to #3981 |
| 3949 | OsmoTRX | LimeSDR | Bug | New | Normal | osmo-trx-lms: improve runtime gain setting (missing calibration) | | 09/30/2020 08:08 PM | Related to #4468 |
| 3344 | OsmoTRX | | Feature | New | Normal | merge ttsou/siggen | | 06/13/2018 07:26 PM | |
| 3141 | OsmoTRX | | Bug | New | Normal | Refactor / clean up TRX CTRL / DATA interfaces implementation | | 04/05/2018 05:46 PM | |
| 3067 | OsmoTRX | | Bug | New | Normal | osmo-trx usrp b100 time out and packet loss between host and device | ttsou | 03/15/2018 06:36 PM | |
| 3061 | OsmoTRX | | Bug | New | Normal | OsmoTRX ARM chroot build jobs failing due to proot bug | pespin | 12/02/2019 04:54 PM | Related to #3766,Related to #4301 |
| 4468 | OsmoTRX | | Bug | Feedback | Normal | "RSSI offset" default of 0 is not useful | Hoernchen | 10/14/2020 02:40 PM | Related to #4468,Related to #4468,Related to #4583 |
| 4365 | OsmoTRX | LimeSDR | Support | Stalled | Normal | Create testsuite to test osmo-bts-trx+osmo-trx under high channel load | dexter | 09/03/2020 10:33 AM | Related to #4366 |
| 4362 | OsmoTRX | LimeSDR | Feature | Stalled | Normal | osmo-trx-lms: Support multi-arfcn feature | | 09/30/2020 08:09 PM | Related to #4362,Related to #4362 |
| 3775 | OsmoTRX | LimeSDR | Bug | Stalled | Normal | properly debug limesdr usb and limesdr mini clocking requirements and osmo-trx support | | 09/30/2020 08:09 PM | Blocks #3341,Blocks #3342,Blocks #3775 |
| 3342 | OsmoTRX | LimeSDR | Bug | Stalled | Normal | osmo-trx-lms: low tx output power level | Hoernchen | 04/06/2022 09:25 AM | Related to #3342,Blocks #3342 |
| 3054 | OsmoTRX | | Feature | Stalled | Normal | Extended (11-bit) RACH support in OsmoTRX | tnt | 02/03/2019 11:45 AM | Related to #1854,Related to #3054,Related to #3054,Related to #4006 |
| 5228 | OsmoTRX | | Feature | New | Low | osmo-trx: Missing unit tests for computeCI() and computeEdgeCI() | Hoernchen | 11/07/2022 06:23 PM | |
| 4504 | OsmoTRX | | Feature | New | Low | Buidl LimeSuite without GUI in osmocom feeds | | 09/30/2020 08:08 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|-----------------|---------|---------|----------|----------------------------------------------------------------------------|----------|---------------------|---------------------------------------------|
| 3970 | OsmoTRX | USRP1 (libusrp) | Bug | New | Low | libusrp fails to compile 1/4 of times in jenkins with PARALLEL_MAKE set | | 01/08/2020 10:56 PM | Is duplicate of #3970 |
| 3962 | OsmoTRX | | Feature | New | Low | osmo-trx: Use gcc attribute no_sanitize to run fine with ASan enabled | | 08/26/2019 02:04 PM | |
| 3345 | OsmoTRX | | Feature | New | Low | merge ms branch | | 06/13/2018 07:16 PM | |
| 3033 | OsmoTRX | | Feature | New | Low | Split wiki page into multiple smaller pages | | 03/05/2018 11:28 AM | |
| 2430 | OsmoTRX | | Feature | New | Low | osmo-trx support bladerf | | 02/14/2023 01:39 PM | Is duplicate of #2430,Is duplicate of #2430 |
| 3222 | OsmoTRX | | Bug | Stalled | Low | include (tested) example config files for usrp1, uhd/b200 as well as umtrx | tnt | 10/20/2018 07:27 PM | |

OsmoSTP (9)

| | | | | | | | | | |
|------|---------|--|---------|-----|--------|---------------------------------------------|--------|---------------------|------------------|
| 4274 | OsmoSTP | | Bug | New | Normal | AS Name isn't displayed | | 03/14/2024 10:33 AM | |
| 3607 | OsmoSTP | | Feature | New | Normal | Support for capability point codes | | 10/03/2018 08:58 AM | |
| 3606 | OsmoSTP | | Feature | New | Normal | Support for multiple NI (network indicator) | | 10/03/2018 08:58 AM | |
| 3605 | OsmoSTP | | Feature | New | Normal | Global Title Translation | | 07/18/2019 05:15 AM | |
| 3604 | OsmoSTP | | Feature | New | Normal | Global Title Routing | | 07/18/2019 05:15 AM | |
| 4275 | OsmoSTP | | Feature | New | Low | Add TTCN3 STP_Tests_IPA.TC_tmt_broadcast | pespin | 12/01/2019 11:04 AM | |
| 3609 | OsmoSTP | | Feature | New | Low | Support for C-Link | | 10/03/2018 08:58 AM | |
| 3603 | OsmoSTP | | Feature | New | Low | M2PA support | | 10/03/2018 08:58 AM | Related to #3603 |
| 3602 | OsmoSTP | | Feature | New | Low | M2UA support | | 09/30/2018 08:00 AM | |

OsmoSMSC (3)

| | | | | | | | | | |
|------|----------|--|---------|-----|--------|------------------------------------------------------------------------------------------|-------|---------------------|--|
| 1690 | OsmoSMSC | | Bug | New | Normal | Insert: Generate message ID (e.g. UUID) | zecke | 04/06/2016 12:26 PM | |
| 1689 | OsmoSMSC | | Feature | New | Normal | insert: Change destination number based on criteria similiar to route handling on output | zecke | 04/06/2016 12:18 PM | |
| 1623 | OsmoSMSC | | Feature | New | Normal | Configure delivery report for the SMPP delivery links | zecke | 02/24/2016 01:49 PM | |

OsmoSGSN (65)

| | | | | | | | | | |
|------|----------|----------------|---------|-----|------|------------------------------------------------------------------|--------|---------------------|-----------------------------------|
| 6294 | OsmoSGSN | | Feature | New | High | Support GN/Gp interoperation procedures between SGSN and MME | daniel | 04/22/2024 06:04 PM | Related to #6294,Related to #6439 |
| 4605 | OsmoSGSN | | Bug | New | High | GMM_ATTACH_REQ_FSM: Event E_AUTH_RESP_RECV_SUCCESS not permitted | lynxis | 06/13/2020 06:16 PM | Related to #4605 |
| 4222 | OsmoSGSN | | Bug | New | High | Implement PS Paging for the Routing Areas | | 10/03/2020 02:20 PM | Related to #4222 |
| 2955 | OsmoSGSN | GSUP interface | Bug | New | High | No GMM ATTACH REJECT on GSUP UpdateLocation Error | lynxis | 09/10/2019 07:39 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|----------|--------------|---------|-------------|----------|------------------------------------------------------------------------------------------|----------|---------------------|---------------------------------------------------------------------|
| 5880 | OsmoSGSN | | Bug | In Progress | High | User Manual sections 11.1.1-2 document non-existing (removed?) VTY commands | lynxis | 03/28/2023 02:45 PM | |
| 5349 | OsmoSGSN | | Bug | In Progress | High | Message for non-existing SNDCP Entity | | 07/17/2023 04:42 PM | |
| 6442 | OsmoSGSN | | Bug | New | Normal | SGSN does not answer to first GMM ATTACH REQUEST | | 04/24/2024 05:48 PM | |
| 6441 | OsmoSGSN | | Bug | New | Normal | use-after-free on RAU with invalid Old RAI | | 04/22/2024 01:23 PM | Related to #6441 |
| 6295 | OsmoSGSN | | Bug | New | Normal | TMSI realloc complete leads to SecurityModeReject | osmith | 12/07/2023 03:15 PM | |
| 6139 | OsmoSGSN | | Feature | New | Normal | test mobility between GERAN (OsmoPCU) and EUTRAN (Open5GS) end to end on real hardware | dexter | 04/02/2024 09:38 AM | |
| 5853 | OsmoSGSN | | Feature | New | Normal | osmo-sgsn: Rework to use libosmo-gprs | | 01/11/2023 03:14 PM | |
| 5852 | OsmoSGSN | Gb interface | Bug | New | Normal | osmo-sgsn: Keep TLLI<->NSEI+BVC1 relation knowledge in BSSGP layer | | 01/11/2023 03:08 PM | |
| 5851 | OsmoSGSN | | Bug | New | Normal | check if rate ctr GMM_CTR_PKTS_UDATA_IN is correct increased in sgsn_gtp_data_req() func | | 01/10/2023 06:40 PM | |
| 5509 | OsmoSGSN | | Bug | New | Normal | llc/pdu lifetime: add vty config option to define default lifetime | | 03/31/2022 04:11 PM | |
| 5398 | OsmoSGSN | | Bug | New | Normal | Null pointer access at "uctx" in ranap_iu_tx | pespin | 01/10/2022 01:14 PM | |
| 5154 | OsmoSGSN | | Bug | New | Normal | OsmoSGSN doesn't trigger 3G paging if downlink GTP traffic arrives after long break | | 05/13/2021 12:28 PM | Related to #5154 |
| 4886 | OsmoSGSN | | Bug | New | Normal | UE does not connect data when moving from 2G->3G | | 12/04/2020 01:29 AM | |
| 4825 | OsmoSGSN | | Bug | New | Normal | security command is missing sometimes | | 10/22/2020 02:40 AM | |
| 4604 | OsmoSGSN | | Bug | New | Normal | Lots of "Unusual event" | lynxis | 06/13/2020 06:19 PM | Related to #4604,Related to #4604,Related to #4604,Related to #4604 |
| 4599 | OsmoSGSN | | Bug | New | Normal | counter group sgsn:pdpctx already exists for index X, instead using Y | | 09/09/2020 10:05 AM | Related to #4604 |
| 3964 | OsmoSGSN | | Bug | New | Normal | SIGSEGV in sndcp_sm_deactivate_ind() | | 10/10/2019 07:11 PM | Related to #3964,Related to #4221,Related to #4602 |
| 3940 | OsmoSGSN | Iu interface | Bug | New | Normal | TTCN-3: Iu: test UMTS Auth | | 04/24/2019 08:24 AM | |
| 3939 | OsmoSGSN | | Bug | New | Normal | TTCN: do a GMM Attach Request when in GMM Connected and have a PDP Request | | 04/24/2019 08:25 AM | |
| 3936 | OsmoSGSN | Iu interface | Bug | New | Normal | Iu: first GMM Service Request does not find a MM ctx | | 05/07/2019 01:37 PM | Related to #3936 |
| 3923 | OsmoSGSN | Iu interface | Bug | New | Normal | Iu: Respond to SecurityCommandReject messages | | 04/24/2019 08:26 AM | Related to #3923 |
| 3696 | OsmoSGSN | | Bug | New | Normal | Intermittent Connection Drop | | 01/08/2020 10:48 PM | |
| 3689 | OsmoSGSN | | Bug | New | Normal | Support Cisco GGSN (Cisco 7200 with IOS 12.4.x) | | 04/09/2019 11:21 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|----------|----------------|---------|-------------|----------|--------------------------------------------------------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------|
| 3403 | OsmoSGSN | lu interface | Bug | New | Normal | osmo-sgsn doesn not connect properly with via SCCP when restarted | lynxis | 02/07/2021 12:57 PM | Related to #3403 |
| 3224 | OsmoSGSN | lu interface | Bug | New | Normal | verify ciphering after UMTS AKA | | 01/08/2020 10:48 PM | Related to #3193,Related to #3224 |
| 2962 | OsmoSGSN | | Bug | New | Normal | Missing TTCN-3 test cases | | 01/08/2020 10:47 PM | |
| 2960 | OsmoSGSN | | Bug | New | Normal | OsmoSGSN confirms PDP CTX ACT to MS/Gb despite missing conditional IEs on GTP | | 01/08/2020 10:48 PM | |
| 2957 | OsmoSGSN | GSUP interface | Bug | New | Normal | No timeout during GSUP PURGE MS to HLR | | 01/08/2020 10:47 PM | |
| 2953 | OsmoSGSN | GSUP interface | Bug | New | Normal | No timeout waiting for UpdateLocation Response on GSUP | | 01/08/2020 10:47 PM | Related to #2952 |
| 2305 | OsmoSGSN | | Bug | New | Normal | review 'laforge/santos' branch and check if there are pending fixes | | 01/08/2020 10:56 PM | |
| 1818 | OsmoSGSN | lu interface | Bug | New | Normal | luPS: CN should lu Release in certain situations | | 01/08/2020 10:47 PM | Related to #1818,Related to #3302,Related to #3908 |
| 1588 | OsmoSGSN | | Feature | New | Normal | Inter-RAT hand-over | | 02/23/2016 03:46 PM | |
| 1586 | OsmoSGSN | | Feature | New | Normal | Implement QoS profile support | | 02/23/2016 03:45 PM | |
| 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 |
| 44 | OsmoSGSN | | Bug | New | Normal | TLLI clash possible | pespin | 02/06/2021 01:31 PM | |
| 3937 | OsmoSGSN | lu interface | Bug | In Progress | Normal | lu: verify handling of GMM Service Request (data)when no PDP Context present. | | 05/21/2019 10:28 AM | Related to #3937 |
| 3920 | OsmoSGSN | lu interface | 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 |
| 3356 | OsmoSGSN | GSUP interface | Bug | In Progress | Normal | OsmoSGSN doesn't provide unique IDTAG_SERNR in IPA CCM | osmith | 04/09/2019 11:22 AM | Related to #3356,Related to #3356,Related to #3644 |
| 2501 | OsmoSGSN | | Bug | In Progress | Normal | suspected problem with unanswered neighbor solicitation | osmith | 09/11/2019 12:58 PM | |
| 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 | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|----------|----------------|---------|----------|----------|-----------------------------------------------------------------------------------|----------|---------------------|------------------------------------------------------------------------------|
| 6439 | OsmoSGSN | | Bug | Feedback | Normal | ttn3-sgsn-test: SGSN_Tests.TC_attach_rau_a_b crashes osmo-sgsn | fixeria | 04/21/2024 02:07 PM | Related to #6439,Related to #6441 |
| 4602 | OsmoSGSN | | Bug | Feedback | Normal | SGSN crash with "Assert failed mm->gb.llme == NULL gprs_sgsn.c:358" | lynxis | 02/26/2021 07:34 PM | Related to #4604,Related to #4605,Related to #4602 |
| 4601 | OsmoSGSN | | Bug | Feedback | Normal | gmm_fsm{Registered.SUSPENDED}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted | lynxis | 06/08/2020 06:11 PM | Related to #4604 |
| 4600 | OsmoSGSN | | Bug | Feedback | Normal | gmm_fsm{CommonProcedureInitiated}: Event E_GMM_COMMON_PROC_INIT_REQ not permitted | lynxis | 06/08/2020 06:08 PM | Related to #4604 |
| 2951 | OsmoSGSN | | Bug | Feedback | Normal | OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero | osmith | 09/11/2019 12:24 PM | |
| 1942 | OsmoSGSN | | Bug | Feedback | Normal | Gb: implement paging in case of MM state == STANDBY && rx DL PDU | | 01/08/2020 10:48 PM | Related to #1942,Related to #4222 |
| 5759 | OsmoSGSN | | Feature | Stalled | Normal | Support for Mobility between SGSN (2G/3G) and S-GW (4G) | dexter | 12/07/2023 12:40 PM | Related to #5759 |
| 2958 | OsmoSGSN | | Bug | Stalled | Normal | OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST | | 01/08/2020 10:49 PM | Related to #2958,Related to #4221 |
| 1794 | OsmoSGSN | | Bug | Stalled | Normal | support random IV for GEA (via XID) | | 03/01/2018 11:17 PM | Related to #1910,Related to #1672,Related to #2843,Blocks #1794,Blocks #1582 |
| 1655 | OsmoSGSN | | Feature | Stalled | Normal | KPIs for OsmoSGSN | | 01/08/2020 10:49 PM | Related to #1652,Related to #1655,Related to #1655 |
| 1587 | OsmoSGSN | GSUP interface | Feature | Stalled | Normal | SMS over GPRS support | | 11/25/2018 08:14 PM | Related to #3587 |
| 6176 | OsmoSGSN | | Bug | New | Low | build failure (dependency / concurrency issue) | | 09/13/2023 03:14 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 | |
| 4631 | OsmoSGSN | | Bug | New | Low | packet/byte counters don't work for 3G | | 06/24/2020 06:58 AM | |
| 3688 | OsmoSGSN | | Feature | New | Low | move generic gtpub code to libosmocore | | 04/15/2019 07:29 AM | |
| 2959 | OsmoSGSN | GTP interface | Bug | New | Low | OsmoSGSN puts bogus LAC/RAC in GTP Create PDP CTX ACT REQ | osmith | 09/30/2018 11:41 AM | |
| 2692 | OsmoSGSN | | Bug | New | Low | HLR string in CDR and VTY is empty | pespin | 09/30/2018 11:39 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---------------------|----------|----------|---------|-------------|----------|---------------------------------------------------------------------------------|----------|---------------------|---------------------------------------------------------|
| 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 |
| 33 | OsmoSGSN | | Feature | New | Low | real LLC implementation with fragmentation and re-transmissions | | 11/09/2016 09:45 AM | |
| 6197 | OsmoSGSN | | Bug | Feedback | Low | "Cannot handle SM for unknown MM CTX" | fixeria | 03/10/2024 06:23 PM | |
| 1768 | OsmoSGSN | | Bug | Stalled | Low | VTY show llc displays State TLLI Unassigned permanently | | 01/08/2020 10:52 PM | |
| OsmoSDR (3) | | | | | | | | | |
| 5117 | OsmoSDR | | Bug | New | Normal | Error building gr-osmosdr with libhackrf | | 04/15/2021 07:56 AM | |
| 5047 | OsmoSDR | | Feature | New | Normal | Inconsistencies between SDR's in bias-tee parameter | | 12/19/2021 01:17 PM | |
| 5031 | OsmoSDR | | Bug | New | Normal | Please switch to gr-funcube | | 06/17/2021 09:23 AM | |
| OsmoPCU (71) | | | | | | | | | |
| 6436 | OsmoPCU | | Bug | New | High | high cpu usage, entire BTS unresponsive after some hours | keith | 04/13/2024 04:32 PM | |
| 1925 | OsmoPCU | | Bug | New | High | Fix padding for MCS8 transition | | 01/08/2020 10:31 PM | |
| 1560 | OsmoPCU | | Feature | New | High | EDGE benchmarking / performance optimization / tuning | | 01/08/2020 10:31 PM | |
| 1766 | OsmoPCU | | Bug | In Progress | High | KPIs for OsmoPCU: EGPRS | | 01/22/2020 02:06 PM | Related to #1766,Related to #1766 |
| 4879 | OsmoPCU | | Bug | Stalled | High | endless pdch.cpp:809 Got CS-N RLC block: R=0, SI=0, TFI=0, CPS=0, RSB=0, rc=264 | fixeria | 07/28/2023 02:46 PM | |
| 3928 | OsmoPCU | | Bug | Stalled | High | Missing PCU_Tests.ttcn for various timers / time-outs | pespin | 11/15/2021 05:46 PM | Related to #5033 |
| 3926 | OsmoPCU | | Bug | Stalled | High | Missing PCU_Tests.ttcn DL TBF tests | pespin | 03/01/2021 11:06 AM | |
| 2400 | OsmoPCU | | Bug | Stalled | High | transmit SI13 on PACCH during long TBFs | fixeria | 05/12/2020 12:19 PM | Related to #2400,Related to #3472,Related to #4506 |
| 1759 | OsmoPCU | | Bug | Stalled | High | Wrong calculation of DL window size for DL assignment | | 01/22/2020 04:01 PM | Related to #1533,Related to #1524 |
| 6150 | OsmoPCU | | Feature | New | Normal | PCUIF: Use unique identifiers instead of the TLLI as msg_id. | dexter | 10/24/2023 03:15 PM | |
| 6118 | OsmoPCU | | Bug | New | Normal | osmo-pcu assigns multi-slot TBFs over PACCH to MS with unknwon ms_class | pespin | 09/22/2023 02:33 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|----------|---------|--------|----------|--------------------------------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------------------|
| 6015 | OsmoPCU | | Bug | New | Normal | osmo-pcu (with ericsson RBS) is unable to keep TRAU frames in sync | dexter | 12/23/2023 01:12 AM | |
| 5844 | OsmoPCU | | Bug | New | Normal | pcu: ns: ip-sns: 2 local binds with a single remote is invalid | | 12/22/2022 09:59 PM | |
| 5834 | OsmoPCU | | Feature | New | Normal | VTY option "two-phase-access" is misleading | | 12/19/2022 06:55 PM | |
| 5827 | OsmoPCU | | Feature | New | Normal | osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS | pespin | 12/16/2022 11:55 AM | |
| 5309 | OsmoPCU | | Bug | New | Normal | osmo-pcu: Support rejecting multiple TBFs upon tx of Packet Access Reject | pespin | 11/15/2021 06:29 PM | |
| 5300 | OsmoPCU | | Bug | New | Normal | osmo-pcu: SUSPEND-NACK not implemented | | 03/31/2022 02:59 PM | |
| 5227 | OsmoPCU | | Bug | New | Normal | osmo-pcu: Attempt recovery of TBF when one of its assigned PDCH TS becomes disabled | pespin | 10/18/2021 10:12 AM | |
| 5122 | OsmoPCU | | Feature | New | Normal | Choose SBA allocation offset based on AGCH queue load in the BTS | pespin | 04/20/2021 12:51 PM | Related to #5122 |
| 4967 | OsmoPCU | | Feature | New | Normal | osmo-pcu: Avoid sending new DL EGPRS blocks to MS announcing MS_OUT_OF_MEMORY | | 01/21/2021 02:26 PM | |
| 4966 | OsmoPCU | | Bug | New | Normal | osmo-pcu: gprs+egprs multiplex: Allow selecting original 8-PSK dl block during retransmission for GMSK-required DL block | | 01/26/2021 01:07 PM | Related to #4966 |
| 4869 | OsmoPCU | | Bug | New | Normal | wireshark: Support dissecting LLC frames on top of RLCMAC (E)GPRS data blocks | | 06/26/2023 11:03 AM | Related to #5367 |
| 4847 | OsmoPCU | | Bug | New | Normal | fix LLC-DISCARD behaviour | | 11/04/2020 02:37 AM | Related to #4847 |
| 4846 | OsmoPCU | | Feature | New | Normal | change RBB received block bitmap into 1s when everything was acked | | 11/04/2020 02:29 AM | |
| 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 |
| 4019 | OsmoPCU | | Bug | New | Normal | implement a command to show all informations from the bts | | 11/25/2020 07:33 PM | |
| 4018 | OsmoPCU | | Bug | New | Normal | investigate ordering of includes paths | | 05/23/2019 10:59 AM | |
| 3929 | OsmoPCU | | Bug | New | Normal | Missing PCU_Tests.ttcn link adaptation tests | pespin | 06/17/2020 08:32 AM | Related to #3929 |
| 3285 | OsmoPCU | | Feature | New | Normal | design + implement tools to analyze inter-PCU cell changes | daniel | 02/06/2021 11:12 AM | Related to #3284 |
| 3284 | OsmoPCU | | Bug | New | Normal | GPRS cell re-selection appears sticky in packet transfer / packet idle mode | | 01/08/2020 10:45 PM | Related to #2400,Related to #3284 |
| 2383 | OsmoPCU | | Bug | New | Normal | incompatibility with some SGSNs during P-TMSI allocation | laforge | 07/04/2018 12:50 PM | |
| 1624 | OsmoPCU | | Bug | New | Normal | add CRBB support to write_packet_ack_nack_desc_egprs | | 10/20/2020 08:37 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|----------|---------|----------|----------|--------------------------------------------------------------------------|----------|---------------------|------------------------------------------------------------------------------------------------------------------------|
| 1554 | OsmoPCU | | Feature | New | Normal | per-MS BSSGP flow control | | 02/23/2016 03:12 PM | Related to #1554 |
| 1550 | OsmoPCU | | Bug | New | Normal | Cell reselection under network control | | 02/23/2016 03:06 PM | |
| 1549 | OsmoPCU | | Feature | New | Normal | DRX support for GPRS | | 02/04/2017 08:11 AM | Related to #1942 |
| 1547 | OsmoPCU | | Feature | New | Normal | downlink power control on PDTCH | | 02/23/2016 03:04 PM | |
| 1543 | OsmoPCU | | Feature | New | Normal | link/rate adaption as per spec | | 01/08/2020 10:43 PM | Related to #1543,Related to #1543 |
| 4856 | OsmoPCU | | Bug | Feedback | Normal | PCU is running but has no NS connection and does not retry. | keith | 10/18/2021 10:02 AM | |
| 4845 | OsmoPCU | | Bug | Feedback | Normal | only send content resolution if it's needed | lynxis | 07/28/2023 02:45 PM | |
| 4844 | OsmoPCU | | Bug | Feedback | Normal | do not resent DL assignment on RACH | lynxis | 07/28/2023 02:44 PM | |
| 1524 | OsmoPCU | | Bug | Feedback | Normal | PACCH on the wrong timeslot | roh | 10/19/2021 11:50 AM | Related to #1524,Related to #1524,Related to #1524,Related to #2709,Related to #1524,Related to #1524,Related to #3014 |
| 5696 | OsmoPCU | | Bug | Stalled | Normal | RLC/MAC: poll timeout when assigning a multi-slot DL TBF | fixeria | 10/05/2022 11:01 AM | |
| 4947 | OsmoPCU | | Bug | Stalled | Normal | osmo-pcu: Handling for Pkt Resource Req using Global TFI not implemented | pespin | 12/22/2022 01:04 PM | |
| 4867 | OsmoPCU | | Bug | Stalled | Normal | Cinterion BGS2T failing to attach (no Attach Complete ever sent) | pespin | 11/30/2020 09:48 AM | |
| 4452 | OsmoPCU | | Bug | Stalled | Normal | manual testing of osmo-pcu | | 07/28/2023 02:48 PM | |
| 1838 | OsmoPCU | | Bug | Stalled | Normal | Nokia E52 doest reply to PUAN message properly | | 10/29/2017 06:47 PM | |
| 1545 | OsmoPCU | | Feature | Stalled | Normal | continuous timing advance loop using PTCCCH | fixeria | 03/24/2020 09:49 PM | Related to #1545,Related to #4102,Related to #4500,Blocks #1545 |
| 1526 | OsmoPCU | | Feature | Stalled | Normal | Acquire/update timing advance (TA) | fixeria | 03/25/2021 12:04 PM | Related to #1545,Related to #1531,Related to #1524,Related to #3472,Related to #2977 |
| 6303 | OsmoPCU | | Feature | New | Low | Convert pcuif to TLV to make backwards compatibility more feasible | | 02/15/2024 09:23 PM | |
| 5930 | OsmoPCU | | Feature | New | Low | handle multiple BTSs with one PCU | | 03/03/2023 10:47 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|----------------------|----------|----------|---------|----------|----------|----------------------------------------------------------------------------------------------------------------|----------|---------------------|------------------------------------|
| 5833 | OsmoPCU | | Feature | New | Low | A "meas-feed" for osmo-pcu | keith | 12/18/2022 06:42 PM | |
| 5212 | OsmoPCU | | Bug | New | Low | apparently T3193 is by default not set to its defined default value | pespin | 11/15/2021 07:13 PM | |
| 5149 | OsmoPCU | | Bug | New | Low | osmo-pcu fails to allocate all DL-TBF possible slots under specific scenario | pespin | 09/15/2021 09:49 AM | |
| 4813 | OsmoPCU | | Feature | New | Low | FANR (Fast ACK/NACK Reporting) support | | 10/16/2020 08:46 AM | |
| 4812 | OsmoPCU | | Feature | New | Low | RTTI (Reduced Transmission Time Interval) Support | | 10/16/2020 08:43 AM | |
| 2603 | OsmoPCU | | Bug | New | Low | Review the various incomplete and never merged changes in radisy branch | | 01/08/2020 10:44 PM | Related to #1775 |
| 2405 | OsmoPCU | | Feature | New | Low | RLC/MAC encoding routines don't use bitvec L/H | | 07/29/2017 09:01 AM | |
| 1903 | OsmoPCU | | Feature | New | Low | convert c++ -> c | | 03/23/2020 10:48 PM | |
| 1558 | OsmoPCU | | Feature | New | Low | Generate BSSGP LLC Discarded messages on TBF/MS free | osmith | 02/13/2021 05:44 PM | Related to #4847 |
| 1555 | OsmoPCU | | Feature | New | Low | Add support for unacknowledged RLC Mode | | 01/22/2020 02:59 PM | |
| 1546 | OsmoPCU | | Feature | New | Low | closed loop uplink power control | | 09/30/2020 08:05 PM | |
| 1537 | OsmoPCU | | Feature | New | Low | Move the BSSGP handling to libosmocore | | 03/01/2018 11:17 PM | Related to #1537, Related to #2388 |
| 1532 | OsmoPCU | | Bug | New | Low | Increased number of poll timeouts on shared PDCHs | pespin | 02/08/2021 05:22 PM | Related to #1524 |
| 1530 | OsmoPCU | | Feature | New | Low | Assign same TFI number in downlink/uplink | | 01/26/2020 08:50 AM | |
| 1528 | OsmoPCU | | Bug | New | Low | Find a real fix for EGPRS_AckNack_w_len_t decoding | pespin | 02/06/2021 01:04 PM | |
| 1527 | OsmoPCU | | Feature | New | Low | Set correct values of the puncturing scheme and the retransmission flag | pespin | 02/08/2021 07:10 PM | |
| 2404 | OsmoPCU | | Bug | Feedback | Low | PAGING-PS doesn't use QoS parameters from BSSGP | osmith | 09/10/2019 11:54 AM | |
| 1640 | OsmoPCU | | Bug | Feedback | Low | Missing release field/length in MS RA capability container | | 10/20/2020 09:19 AM | |
| 1533 | OsmoPCU | | Feature | Feedback | Low | Separate the window handling from the TBF more clearly | zecke | 07/21/2017 02:46 PM | Related to #1533 |
| 1831 | OsmoPCU | | Bug | Stalled | Low | No handling for padding octets(LI 127) for EGPRS. row 3rd of Table 10.4.14a.1 TS 44.060 version 7.27.0 Release | pespin | 10/20/2020 08:39 AM | |
| 1823 | OsmoPCU | | Feature | Stalled | Low | Ericsson PCU TRAU frame encoding/decoding | | 09/04/2019 09:26 AM | Related to #5198 |
| OsmoNITB (21) | | | | | | | | | |
| 2438 | OsmoNITB | | Bug | New | Normal | MS not registered from osmocom PoV, but registered from ofono PoV | | 08/14/2017 09:36 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|----------------------|----------|--------------------|---------|----------|----------|---------------------------------------------------------------------------------------------------------|-----------|---------------------|-----------------------------------|
| 2414 | OsmoNITB | | Bug | New | Normal | SMSC: deliverSM message with no user_message_reference | | 08/15/2017 05:53 PM | Related to #2413,Related to #2414 |
| 1955 | OsmoNITB | | Bug | New | Normal | Investigate "Bad signalling message" error | | 03/05/2018 07:33 PM | |
| 1904 | OsmoNITB | | Bug | New | Normal | get rid of deprecated functions | | 03/05/2018 07:33 PM | |
| 1829 | OsmoNITB | | Bug | New | Normal | Fix warnings introduced by ctrl constify | | 03/05/2018 07:34 PM | |
| 1812 | OsmoNITB | | Feature | New | Normal | Report gsm0408_dispatch() failures to MS / UE | | 01/08/2020 10:56 PM | |
| 1667 | OsmoNITB | osmo-sip-connector | Feature | New | Normal | Handle callref better | | 09/04/2019 09:31 AM | Related to #3294 |
| 54 | OsmoNITB | | Bug | New | Normal | osmo-nitb keeps rtp-proxy socket open in case no DLCX_IND is sent | | 03/05/2018 07:34 PM | |
| 48 | OsmoNITB | | Bug | New | Normal | Periodic timer and paging | | 03/05/2018 07:34 PM | |
| 38 | OsmoNITB | | Bug | New | Normal | subscr_update should sync database before dispatching the signal | | 03/05/2018 07:34 PM | |
| 37 | OsmoNITB | | Bug | New | Normal | RTP Proxy dealing with SSRC change and sequence numbers | | 03/05/2018 07:34 PM | |
| 2691 | OsmoNITB | | Bug | Feedback | Normal | Old TMSI paged after LU | | 05/17/2018 11:47 AM | |
| 4642 | OsmoNITB | | Bug | New | Low | Attempting to set illegal id for FSM instance of type 'OM2000-MO' | | 07/03/2020 06:40 PM | |
| 2433 | OsmoNITB | | Bug | New | Low | Drop MGCP_DUMMY_LOAD frames and use proper Osmux Dummy frames | pespin | 08/21/2017 02:23 PM | |
| 72 | OsmoNITB | | Bug | New | Low | struct gsm_call can leak.. | | 05/09/2016 07:37 PM | |
| 70 | OsmoNITB | | Bug | New | Low | nitb crashes in the rtp_proxy when a phone on a MT-call sends a 'CONNECT' before the CRCX ACK came back | | 05/09/2016 07:37 PM | |
| 28 | OsmoNITB | | Bug | New | Low | Old siemens phones cannot make voice calls (04.08 channel mode) | | 03/05/2018 07:36 PM | |
| 21 | OsmoNITB | | Bug | New | Low | we don't see CHANnel ReQireD from motorola EZX phones at call setup | | 03/05/2018 07:36 PM | |
| 18 | OsmoNITB | | Feature | New | Low | store last location identity to database | | 05/24/2018 01:15 PM | |
| 1725 | OsmoNITB | | Bug | Stalled | Low | iPhone6 network selection issue with GSM1900 | | 03/05/2018 07:35 PM | |
| 1671 | OsmoNITB | | Bug | Stalled | Low | Combined 850/1800 NITB not seen by Option Icon2 stick | | 03/05/2018 07:35 PM | |
| OsmoMSC (102) | | | | | | | | | |
| 5559 | OsmoMSC | SMS | Bug | Stalled | Urgent | OsmoMSC at 100% CPU and unresponsive for up to several minutes! | laforge | 08/04/2022 08:14 AM | Related to #5563 |
| 5057 | OsmoMSC | SMPP Interface | Bug | New | High | Can only send a maximum of 15 SMPP messages? | Hoernchen | 09/15/2021 09:53 AM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|----------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------------|----------|---------------------|---------------------------------------------------------------------|
| 4830 | OsmoMSC | VLR | Bug | In Progress | High | LU reject when no authentication data in HLR but "authentication optional" | neels | 10/10/2022 02:03 PM | |
| 5564 | OsmoMSC | SMS | Bug | Stalled | High | blocking database I/O by SMS database | laforge | 05/16/2022 08:20 PM | Related to #5564,Related to #5566,Related to #5564 |
| 5563 | OsmoMSC | SMS | Bug | Stalled | High | OsmoMSC sometimes stalls for dozens of seconds in a production deployment | laforge | 08/04/2022 08:15 AM | Related to #5564,Related to #5563,Related to #5566 |
| 3294 | OsmoMSC | | Bug | Stalled | High | transaction: refactor callref allocation | neels | 12/16/2019 02:37 PM | Related to #3294,Related to #3294,Related to #4333,Related to #4854 |
| 6427 | OsmoMSC | | Bug | New | Normal | ttn3-msc-test: TC_mo_ussd_for_unknown_trans fails sporadically | | 04/02/2024 03:01 PM | Related to #6427 |
| 6330 | OsmoMSC | Call Control | Bug | New | Normal | Incorrect handling of V.120 data calls | | 01/18/2024 03:02 PM | Related to #6344 |
| 6009 | OsmoMSC | | Bug | New | Normal | omo-msc: lots of tlv_parse() calls in src/libmsc/gsm_04_08.c have no return code checked for errors | | 04/19/2023 03:19 PM | |
| 6000 | OsmoMSC | | Feature | New | Normal | Allow emergency calls without IMSI (using IMEI as MI) | | 04/12/2023 11:03 AM | Related to #6000 |
| 5780 | OsmoMSC | | Feature | New | Normal | Implement/Support UUS1 | | 01/24/2023 10:48 AM | |
| 5699 | OsmoMSC | | Bug | New | Normal | MNCC_RTP_CREATE is not sent in a call waiting scenario | | 10/10/2022 06:46 PM | |
| 5403 | OsmoMSC | SGs Interface | Feature | New | Normal | Can't connect Call from 2G to 4G network | laforge | 01/14/2022 10:41 PM | |
| 5340 | OsmoMSC | | Bug | New | Normal | ttn3-msc-test: more memory leaks | fixeria | 05/15/2022 04:47 PM | |
| 5197 | OsmoMSC | | Bug | New | Normal | msc_i Unimplemented msg type: HANDOVER PERFORMED | neels | 08/23/2022 04:05 PM | |
| 5196 | OsmoMSC | | Bug | New | Normal | Verify several "event not permitted" log lines in unit tests | neels | 08/23/2022 04:08 PM | |
| 4972 | OsmoMSC | MNCC Interface | Bug | New | Normal | manual: the MNCC protocol is outdated (RTP) | | 01/24/2021 05:58 PM | |
| 4784 | OsmoMSC | Call Control | Bug | New | Normal | wrong cause code (resources unavailable) in MO-to-MT call without response | neels | 10/08/2020 02:35 PM | |
| 4764 | OsmoMSC | | Bug | New | Normal | make sure Assignment times out, always | | 09/23/2020 02:08 PM | |
| 4717 | OsmoMSC | | Feature | New | Normal | support Handover with changing codec | | 08/18/2020 05:14 PM | Related to #4717 |
| 4660 | OsmoMSC | | Bug | New | Normal | GSM AUTH failure: mismatching sres - with module TRM-5 ext | | 07/12/2020 08:01 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|---------------------|---------|--------|----------|----------------------------------------------------------------------------------------------------|----------|---------------------|-----------------------|
| 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 |
| 4612 | OsmoMSC | | Support | New | Normal | test handover on non-voice call conn (no CC transaction present) | | 06/14/2020 12:21 PM | |
| 4557 | OsmoMSC | | Bug | New | Normal | normal BSSMAP Clear Command from MSC contains cause == 0 meaning "Radio interface message failure" | | 05/20/2020 07:17 PM | |
| 4451 | OsmoMSC | | Bug | New | Normal | vty 'show stats level': different stats levels yield identical results | | 03/09/2020 10:10 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 | |
| 4337 | OsmoMSC | Mobility Management | Bug | New | Normal | osmo-msc: Don't send LU-Reject after LU-Accept if no TMSI Realloc Complete is received | | 01/07/2021 06:22 PM | Related to #4337 |
| 4336 | OsmoMSC | VLR | 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 |
| 4196 | OsmoMSC | | Feature | New | Normal | CC Setup, Call Confirmed: decode and use the Supported Codec List IE | | 09/25/2019 05:27 PM | |
| 4065 | OsmoMSC | MGCP towards MGW | Feature | New | Normal | osmo-msc: Support instructing MSC_MGW to use Osmux between 2 endp/call-leg of same voice call | pespin | 06/19/2019 04:54 PM | Related to #4065 |
| 4017 | OsmoMSC | | Bug | New | Normal | MSC fails to handle calls | | 05/29/2019 04:56 PM | |
| 3992 | OsmoMSC | | Bug | New | Normal | inter-MSC handover for signalling-only? | | 05/09/2019 11:39 AM | |
| 3880 | OsmoMSC | SMS | Bug | New | Normal | GSUP MT-ForwardSM Message Reference - wrong value in a response | | 04/01/2019 07:47 AM | |
| 3829 | OsmoMSC | | Bug | New | Normal | osmo-msc expects aoip TLV in Assignement Complete messages from BSC | | 03/07/2019 08:30 PM | |
| 3738 | OsmoMSC | | Feature | New | Normal | Clarify PS-part of struct vlr_subscr | | 12/19/2018 12:34 PM | |
| 3687 | OsmoMSC | | Feature | New | Normal | Expand "show bsc" command | | 11/11/2018 09:50 PM | |
| 3636 | OsmoMSC | | Feature | New | Normal | detailed call statistics (with rate counters) | osmith | 10/08/2018 11:14 AM | Related to #3636 |
| 3110 | OsmoMSC | | Bug | New | Normal | Test and possibly fix ID Request after Auth failure | neels | 09/30/2018 11:36 AM | |
| 3069 | OsmoMSC | | Feature | New | Normal | investigate multiple CM Service Request on the same conn | neels | 10/28/2020 08:36 PM | Is duplicate of #3069 |
| 2943 | OsmoMSC | MGCP towards MGW | Bug | New | Normal | Errors in MGCP do not propagate back to MNCC gsm_subscriber_conn state machine | | 09/04/2019 09:21 AM | |
| 2928 | OsmoMSC | | Bug | New | Normal | OsmoMSC doesn't do BSSMAP ASSIGNMENT if no MNCC_RTP_CREATE is received | | 02/11/2018 05:38 PM | |
| 2916 | OsmoMSC | | Bug | New | Normal | asan failure on debian unstable in msc_vlr_test_gsm_ciph | | 02/09/2018 04:20 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|-----------------------|---------|-------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|---------------------------------------------------------------------|
| 2895 | OsmoMSC | | Bug | New | Normal | OsmoMSC excessively uses LU Reject Cause 22 (congestion) | osmith | 07/18/2019 05:41 AM | |
| 2883 | OsmoMSC | | Bug | New | Normal | GSUP encoding of MSISDN is wrong | | 10/20/2020 08:41 AM | Related to #4324,Related to #4333 |
| 2877 | OsmoMSC | | Bug | New | Normal | OsmoMSC fails on bearer capability without octet 3a | osmith | 07/18/2019 05:45 AM | |
| 2846 | OsmoMSC | | Bug | New | Normal | MSC doesn't close SCCP/BSSAP connection on CM SERV REQ tht cannot be parsed | osmith | 07/18/2019 05:44 AM | |
| 2795 | OsmoMSC | | Feature | New | Normal | Handle UTRAN_CLSM_CHG in MSC | neels | 04/30/2018 12:06 PM | Related to #3043 |
| 2788 | OsmoMSC | | Feature | New | Normal | OsmoMSC should handle CM Service Abort message | neels | 01/04/2018 10:37 AM | |
| 2390 | OsmoMSC | SMPP Interface | Feature | New | Normal | re-add osmocomb specific TLVs to SMPP messages | | 12/23/2017 05:48 PM | |
| 2191 | OsmoMSC | SMPP Interface | Feature | New | Normal | raw PDU mode for SMPP | | 12/23/2017 05:48 PM | |
| 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 |
| 41 | OsmoMSC | Call Control | Bug | New | Normal | Numbering Plan in OsmoMSC | | 06/23/2018 07:37 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 |
| 6152 | OsmoMSC | Call Control | Bug | In Progress | Normal | built-in MNCC: forward the @Low layer compatibility I@ IE to the called subscriber | jolly | 12/20/2023 12:52 PM | Related to #6152 |
| 4721 | OsmoMSC | | Bug | In Progress | Normal | osmo-msc creates evil-twin entries in the VLR when an already attached IMSI does a LU by an unknown TMSI (was: MSC_Tests.TC_lu_by_tmsi_noauth_unknown fails sporadically locally) | neels | 03/26/2024 03:02 AM | Related to #4721 |
| 4240 | OsmoMSC | | Bug | In Progress | Normal | test: incoming call when already Paging | | 11/27/2019 11:09 PM | |
| 4200 | OsmoMSC | | Feature | In Progress | Normal | Work around nano3G-S16 requiring RAB ID to be below 16 | efistokl | 09/14/2019 09:48 AM | |
| 6426 | OsmoMSC | | Bug | Feedback | Normal | ttcn3-msc-test: TC_mm_id_resp_no_identity fails sporadically | fixeria | 04/03/2024 06:49 PM | Related to #6426,Related to #6427 |
| 6217 | OsmoMSC | | Bug | Feedback | Normal | Bearer Capability mismatch in MT SETUP | neels | 10/10/2023 10:17 PM | |
| 6151 | OsmoMSC | Call Control | Feature | Feedback | Normal | osmo-msc: Ability to configure (VTY) the AMR(-WB) formats used in RAB-Assignment-Req | neels | 08/30/2023 08:16 PM | |
| 4167 | OsmoMSC | | Bug | Feedback | Normal | Event VLR_ULA_E_ID_IMEISV not permitted | osmith | 09/04/2019 08:13 PM | |
| 2872 | OsmoMSC | A interface (general) | Bug | Feedback | Normal | OsmoMSC doesn't check if CIPHER MODE COMPLETE contains cipher that matches REQUEST | neels | 07/29/2019 01:15 PM | |
| 3735 | OsmoMSC | | Bug | Stalled | Normal | call arriving during another call has no voice | neels | 06/18/2019 09:18 PM | |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|---------------------|---------|---------|----------|----------------------------------------------------------------------------------------------------------|----------|---------------------|--------------------------------------------------------------------------------------------------------------------|
| 3620 | OsmoMSC | | Feature | Stalled | Normal | Implement TTCN-3 testsuite for Inter-MSC HO | neels | 09/04/2019 09:08 AM | |
| 3445 | OsmoMSC | SS/USSD | Feature | Stalled | Normal | SS/USSD: clean up the local GSM 04.80 API | | 12/14/2018 01:57 PM | |
| 2851 | OsmoMSC | | Bug | Stalled | Normal | a_iface.c:534 Unhandled SIGTRAN primitive: 3:2 | | 07/18/2019 05:45 AM | |
| 2487 | OsmoMSC | | Feature | Stalled | Normal | MSC side of LCLS (local call local switching) as per the 3GPP specs | keith | 10/17/2022 04:31 AM | Related to #1602,Related to #3659,Related to #3691,Related to #3618,Related to #3294,Related to #5712,Blocks #2487 |
| 6321 | OsmoMSC | | Bug | New | Low | SMS not delivered from corrupted SMS database | | 01/02/2024 01:07 PM | |
| 5491 | OsmoMSC | | Bug | New | Low | MT CSFB calls fail (only) first time after Airplane mode toggle (probably on first attach to EUTRAN too) | keith | 03/19/2022 09:37 PM | |
| 4983 | OsmoMSC | | Feature | New | Low | PERFORM LOCATION REQUEST / RESPONSE | | 01/28/2021 11:44 AM | |
| 4982 | OsmoMSC | | Feature | New | Low | Support for BSSMAP RESOURCE INDICATION | | 01/27/2021 03:01 PM | Related to #4982 |
| 4980 | OsmoMSC | | Feature | New | Low | Implement routing of BSSMAP LOAD INDICATION in OsmoMSC | | 01/27/2021 02:43 PM | Related to #4980,Related to #4980 |
| 4863 | OsmoMSC | | Bug | New | Low | T3212 is unclear in config/vty | | 11/19/2020 06:10 PM | |
| 4691 | OsmoMSC | MGCP towards MGW | Bug | New | Low | setfault in osmo_sockaddr_str_is_set() via call_leg_ensure_ci() | | 02/06/2021 09:47 AM | |
| 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 | |
| 4004 | OsmoMSC | Mobility Management | Bug | New | Low | lu_fsm_priv.rej_cause is never used | neels | 11/21/2023 02:37 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 | |
| 3755 | OsmoMSC | | Feature | New | Low | make retrieval of IMEISV configurable | | 05/07/2019 12:28 PM | Related to #3755 |
| 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 |
| 3470 | OsmoMSC | Mobility Management | Feature | New | Low | Allow sending "Emergency Number List IE" in LU ACCEPT | | 09/01/2018 08:18 PM | Related to #3470 |
| 3469 | OsmoMSC | Call Control | Feature | New | Low | Support for "service category" in emergency calls | | 08/24/2018 12:48 PM | Related to #3470 |
| 3169 | OsmoMSC | SMPP Interface | Bug | New | Low | OsmoMSC rejects SMPP messages with empty SMS | | 01/08/2020 10:56 PM | |
| 3165 | OsmoMSC | | Feature | New | Low | Verify LU Request's LAI | osmith | 07/18/2019 05:48 AM | Related to #3164 |
| 3163 | OsmoMSC | | Bug | New | Low | RANAP: reject Level 3 Complete from cells with invalid LAI | osmith | 07/18/2019 05:47 AM | Related to #3162,Related to #3163 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|---------------------|---------|-----------------------|---------|-------------|----------|-------------------------------------------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 3125 | OsmoMSC | | Bug | New | Low | testcase for fixed "osmo-msc crashes while handling a call" | neels | 06/23/2018 07:26 PM | Related to #3122,Related to #2880 |
| 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 |
| 2884 | OsmoMSC | | Bug | New | Low | Call Control timers are very long and not configurable | | 01/08/2020 10:56 PM | |
| 2878 | OsmoMSC | | Feature | New | Low | OsmoMSC support for "Follow-on request/proceed" | | 01/26/2018 09:11 PM | |
| 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 |
| 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 |
| 2669 | OsmoMSC | A interface (general) | Bug | New | Low | osm-msc doesn't clean up BSC state | osmith | 09/30/2018 11:37 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 | |
| 2373 | OsmoMSC | | Bug | New | Low | SMS sent to old Nokia 1100: "message 0x332/1" causes CP-ERROR, and SMS is received 5 or more times | | 08/03/2018 05:22 PM | |
| 1974 | OsmoMSC | VLR | Feature | New | Low | VLR: high water mark on subscriber storage | | 05/15/2022 01:45 PM | Related to #1973 |
| 1973 | OsmoMSC | | Feature | New | Low | VLR: efficient subscriber lookup | | 07/18/2019 06:15 AM | Related to #1973 |
| 1603 | OsmoMSC | | Feature | New | Low | Interfacing the MSC with other networks: Roaming interfaces / MAP | | 07/18/2019 06:13 AM | |
| 25 | OsmoMSC | Call Control | Feature | New | Low | Call HOLD / RETRIEVE support for internal MNCC | | 08/01/2019 03:06 PM | |
| 6207 | OsmoMSC | | Bug | Feedback | Low | "MO SMS without prior CM Service Request" for every SMS in 4G | dexter | 02/13/2024 12:26 AM | Related to #6358 |
| 3164 | OsmoMSC | | Bug | Feedback | Low | invalid LAI in level 3 complete: unify BSSMAP and RANAP verification | neels | 07/29/2019 01:34 PM | Related to #3162,Related to #3163,Related to #3164 |
| 5568 | OsmoMSC | SMPP Interface | Bug | Stalled | Low | SMPP socket doesn't use TCP_NODELAY | osmith | 10/31/2023 09:36 AM | |
| 1597 | OsmoMSC | | Feature | Stalled | Low | External interface for USSD | fixeria | 11/27/2018 11:08 PM | Related to #1597,Related to #3433 |
| OsmoMGW (42) | | | | | | | | | |
| 6424 | OsmoMGW | | Bug | In Progress | High | TC_one_crcx_loopback_rtp_implicit consistently failing in master, but passes on latest | neels | 03/27/2024 08:17 PM | |
| 6297 | OsmoMGW | | Bug | New | Normal | octet-align=0 is the RFC 6871 specified default to use when omitted; but osmo-mgw assumes don't-care when omitted | | 12/12/2023 02:12 AM | Is duplicate of #5726 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|----------|---------|-------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|----------------------------------------------------|
| 6293 | OsmoMGW | | Bug | New | Normal | osmo-mgw "decides" for a codec during MGCP handling; instead it should handle all configured payload type numbers as they arrive in RTP | | 12/07/2023 05:52 AM | Related to #6293,Related to #6293,Blocks #6136 |
| 6196 | OsmoMGW | | Bug | New | Normal | Codec negotiation failure false positives | dexter | 12/07/2023 06:25 AM | Related to #6293 |
| 5726 | OsmoMGW | | Bug | New | Normal | AMR octet-align in SDP: lack of 'octet-align' fmp should imply octet-align=0, and the presence or absence of this fmp should not have an effect | | 12/12/2023 01:51 AM | Is duplicate of #5726 |
| 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 |
| 5313 | OsmoMGW | | Bug | New | Normal | libosmo-mgcp-client-dbg specific package not generated for debian | | 11/16/2021 03:57 PM | |
| 5279 | OsmoMGW | | Feature | New | Normal | systemd service / unit for multiple osmo-mgw on one machine | osmith | 10/25/2021 11:41 AM | |
| 4554 | OsmoMGW | | Bug | New | Normal | Clean up stale endpoints after OsmoBSC crash | | 05/16/2020 08:52 PM | |
| 4552 | OsmoMGW | | Bug | New | Normal | ip-probing issue with BTS connection - no rebinding to a correct IP address | | 05/14/2020 11:18 PM | |
| 4551 | OsmoMGW | | Feature | New | Normal | Dynamic/runtime allocation of new endpoints | | 05/14/2020 10:56 PM | |
| 4447 | OsmoMGW | | Bug | New | Normal | DSCP value should be a 6 bit field | osmith | 03/09/2020 04:50 PM | Related to #4447 |
| 4432 | OsmoMGW | | Bug | New | Normal | for 'domain *', mgw should echo the domain of the MGCP client | | 03/04/2020 12:39 AM | |
| 4153 | OsmoMGW | | Bug | New | Normal | 3G voice broken with ALu 9361 femto | | 04/25/2022 05:43 PM | |
| 4092 | OsmoMGW | | Feature | New | Normal | Osmux: Support dynamic allocation of osmux sockets | pespin | 08/10/2022 07:50 AM | Related to #4092 |
| 3980 | OsmoMGW | | Bug | New | Normal | Clear Command before CRCX OK may leak MGW endpoint | | 05/06/2019 10:11 PM | |
| 3849 | OsmoMGW | | Bug | New | Normal | race condition problem in rtp flow tests of the ttcn3 testsuite | | 09/04/2019 09:26 AM | |
| 3731 | OsmoMGW | | Bug | New | Normal | TTCN3 TC_rtpem_selftest randomly fails | | 01/08/2020 10:18 PM | |
| 3442 | OsmoMGW | | Bug | New | Normal | fix int mgcp_codec_decide() in mgcp_codec.c | | 09/04/2019 09:26 AM | |
| 2650 | OsmoMGW | | Bug | New | Normal | how can osmo-mgw send a dummy RTP packet before CRCX ACK? | | 06/08/2020 07:08 PM | Related to #4005 |
| 2523 | OsmoMGW | | Feature | New | Normal | transcoding: remove "not yet implemented" from MNCC manual once transcoding is in place | daniel | 03/16/2018 07:54 PM | |
| 6387 | OsmoMGW | | Feature | In Progress | Normal | osmo_io / io_uring support for RTP/RTCP | laforge | 03/26/2024 06:45 PM | Related to #6387 |
| 6171 | OsmoMGW | | Feature | In Progress | Normal | mgcp-client API: there should be a separate mgcp_codec_param for each codec in mgcp_msg.codecs[] | dexter | 11/01/2023 04:15 PM | Related to #6171 |

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|---------|--------------|---------|-------------|----------|-----------------------------------------------------------------------------------|-----------|---------------------|------------------------------------------------|
| 5214 | OsmoMGW | | Feature | In Progress | Normal | osmo-mgw multithreading | Hoernchen | 08/31/2021 09:20 AM | |
| 6136 | OsmoMGW | | Feature | Stalled | Normal | libosmo-mgcp-client should ignore unknown codecs in SDP | jolly | 12/07/2023 06:27 AM | Related to #6136,Related to #6177,Blocks #6136 |
| 4005 | OsmoMGW | libosmo-mgcp | Bug | Stalled | Normal | TTCN3 crashes when receiving an RTP MGCP_DUMMY_LOAD from osmo-mgw during CRCX | dexter | 06/14/2021 08:31 AM | Related to #4005 |
| 6060 | OsmoMGW | | Bug | New | Low | osmo-mgw: Implement MGCP RestartInProgress (RSIP) | jolly | 10/18/2023 04:59 PM | |
| 5730 | OsmoMGW | | Feature | New | Low | Fax over GSM support | manawyrm | 10/16/2023 08:53 PM | Precedes #5730 |
| 5044 | OsmoMGW | | Bug | New | Low | potential null pointer dereferences | pespin | 02/24/2021 11:48 AM | |
| 4745 | OsmoMGW | | Bug | New | Low | osmo-mgw: Wrong IP address returned in SDP "o=" section | | 10/05/2022 11:00 AM | |
| 4150 | OsmoMGW | | Feature | New | Low | dead code / If an MDCX omits SDP, all codec config might be cleared | | 08/13/2019 11:01 PM | |
| 3822 | OsmoMGW | | Bug | New | Low | conn mode "sendonly" behaves identically to "sendrecv" | | 03/04/2019 09:34 PM | |
| 3443 | OsmoMGW | | Bug | New | Low | Check audio-payload options in osmo-mgw VTY | | 03/15/2020 08:43 AM | |
| 3207 | OsmoMGW | | Feature | New | Low | Support for RTP Payload Format according to "ETSI TS 101 318" | | 04/24/2018 03:53 PM | |
| 2702 | OsmoMGW | | Feature | New | Low | libosmo-mgcp doesn't use osmo_sock_API | | 12/03/2017 09:42 AM | |
| 2651 | OsmoMGW | | Feature | New | Low | Support MGCP Piggybacking | | 11/18/2017 05:44 PM | |
| 2580 | OsmoMGW | | Feature | New | Low | implement timeout/resend mechanism for mgcp_client | | 09/04/2019 09:26 AM | |
| 2546 | OsmoMGW | | Feature | New | Low | support play-out/announcement endpoint type | | 10/06/2017 12:30 PM | |
| 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 | |
| 4535 | OsmoMGW | | Feature | In Progress | Low | Develop "E1/Abis generator" | laforge | 01/02/2022 01:57 PM | Precedes #2547 |
| 3352 | OsmoMGW | | Feature | Feedback | Low | osmo-mgw does not allow multiple codecs in LCO | neels | 01/08/2020 10:25 PM | |
| 4841 | OsmoMGW | | Feature | Stalled | Low | TC_e1_crcx_and_dlcx_ep does not pass - move the IPA code out of libosmo-abis | dexter | 10/11/2021 10:10 AM | Related to #4841,Related to #4841 |

OsmoHNodeB (1)

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|------|------------|--|---------|----------|--------|-----------------------------|------|---------------------|--|
| 6153 | OsmoHNodeB | | Support | Feedback | Normal | List of supported FemtoCell | Kira | 08/28/2023 02:24 PM | |
|------|------------|--|---------|----------|--------|-----------------------------|------|---------------------|--|

OsmoHNBGW (36)

| # | Project | Category | Tracker | Status | Priority | Subject | Assignee | Updated | Related issues |
|------|-----------|----------|---------|--------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|----------------|
| 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 | |

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