

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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	
4308	Distributed GSM	Support	New	High	thoughts about incorporating credit / billing in D-GSM		12/04/2019 04:08 PM	
4612	OsmoMSC	Support	New	Normal	test handover on non-voice call conn (no CC transaction present)		06/14/2020 12:21 PM	
3863	OsmoBTS	Support	Stalled	Normal	setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocombb		12/01/2019 10:52 AM	
4080	rtl-sdr	Support	New	Normal	Receiving UTAs on 978 Mhz		07/02/2019 12:08 PM	
4471	OsmocomBB	Support	New	Normal	Received FTMTTOOL from phone, ramloader has aborted		03/29/2020 11:18 AM	
2622	OsmoBSC	Support	Stalled	High	Prepare automatic interop testing of OsmoBSC against NG40 core simulator + osmo-bts-virtual + mobile		09/04/2019 09:18 AM	Related to #2478,Related to #2558,Related to #2555
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
2764	SDR (Software Defined Radio)	Support	New	Normal	osmocombb_fft & siggen can't access the X display		12/15/2017 06:09 PM	
3819	gr-osmosdr	Support	New	Urgent	OSMO SDR blocks for GNUradio		02/28/2019 06:00 PM	
2677	libosmocore	Support	New	Normal	Make stat_item available over ctrl interface		09/04/2019 09:21 AM	Related to #2676
4135	Qualcomm Linux Modems by Quectel & Co	Support	New	Normal	how to use network inside ec20		07/31/2019 11:20 AM	
4737	Distributed GSM	Support	New	Low	How to configure Queries gsup.hlr.123456789.imsi, sip.voice.123.msisd, smpp.sms.123.msisd		08/31/2020 11:10 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
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	
1627	OsmocomBB	Support	Stalled	Low	DCS_8BIT and DCS_UCS2 encoding supprot		07/16/2018 06:53 PM	
6434	E1/T1 Hardware Interface (including icE1usb)	Support	New	Normal	D-channel do not recover after underrun		04/27/2024 09:03 PM	
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
4581	OsmocomBB	Support	New	Normal	compiler error assert.h no such file		06/05/2020 09:54 AM	

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2504	OsmoGSMTester	Support	New	Normal	check whether running osmo-* from docker images is feasible on osmo-gsm-tester		04/06/2020 11:28 AM	
1983	rtl-sdr	Support	New	Normal	Add welle.io and rtl_fm_streamer to rtl-sdr app list		06/03/2018 12:24 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	
5834	OsmoPCU	Feature	New	Normal	VTY option "two-phase-access" is misleading		12/19/2022 06:55 PM	
6243	Cellular Network Infrastructure	Feature	New	Low	vtv cfg: make changing startup defaults of applications backwards compatible		11/01/2023 07:06 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
4790	OsmoHNBGW	Feature	New	Low	Vodafone HSPA+ femtocell available in Deutschland		03/09/2024 07:08 PM	
1974	OsmoMSC	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
6348	OsmocomBB	Feature	New	Normal	virtphy: add Circuit Switched Data (CSD) support		01/26/2024 10:03 PM	Related to #6348
2801	linmodem	Feature	New	Normal	V.90 completion		01/01/2018 12:18 PM	
2000	libosmo-sccp + libosmo-sigtran	Feature	New	Low	use m3ua-testtool for the ASP-side verification		07/18/2019 05:42 AM	
5766	libosmo-abis	Feature	New	Low	use Linux kernel KCM for IPA header?		11/13/2022 08:15 AM	Related to #5766
2171	OP25	Feature	New	High	Use libfft3 for IFFT/FFT functions.		04/22/2017 04:14 PM	
1579	OsmoBTS	Feature	New	Low	Use epoll		01/15/2021 01:44 PM	
5435	OCTOI - Osmocom Community TDM over IP	Feature	New	Low	use DNS to resolve the server		04/05/2022 08:20 PM	
1518	UmTRX	Feature	New	Normal	Upper limit of the clock is too low		02/19/2016 10:52 PM	
5547	OsmoBSC	Feature	New	Low	upon emergency call, from the MSC-pool pick an MSC that allows emergency calling		04/25/2022 05:49 AM	
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
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	
2175	OP25	Feature	New	High	Update code for GNURadio 3.6 and later		04/22/2017 04:14 PM	
1902	OsmoBTS	Feature	New	Low	unify/refactor dynamic timeslot code		01/08/2020 10:56 PM	Related to #1902, Related to #3099
1926	OsmoBTS	Feature	New	Low	unify *_mgr code		07/18/2019 06:08 AM	
3845	libosmocore	Feature	New	Low	Unified logging in Gb NS / BSSGP code		03/16/2019 02:33 PM	
1517	UmTRX	Feature	New	Normal	U_FL (UMC) connectors are not reliable after few connections		02/19/2016 10:52 PM	
3596	gr-osmosdr	Feature	New	Normal	TX Tags		09/25/2018 04:01 PM	
5814	OsmoUPF	Feature	New	Normal	tunmap: more concisely match on GTP-U packets		12/06/2022 07:30 PM	

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4103	libosmocore	Feature	New	Low	TUAK support as per 3GPP TS 35.231		03/24/2021 12:33 PM	
4033	OsmoGGSN (former OpenGGSN)	Feature	New	Normal	ttn3-ggsn-test: Add tests to verify secondary pdp context management		05/30/2019 03:19 PM	
4990	OsmoBSC	Feature	New	Low	TTCN3 test for AMR MultiRate IEs in RR and RSL		07/02/2021 04:34 PM	
3670	Cellular Network Infrastructure	Feature	New	Low	TTCN-3 tests for statsd exporter code		09/04/2019 09:03 AM	
4189	OsmoBSC	Feature	New	Low	TTCN-3 tests for load-based hand-over in BSC		09/04/2019 09:10 AM	Related to #4189
3424	OsmocomBB SDR PHY	Feature	Stalled	Normal	Transceiver: implement automatic TX delay measurement		07/09/2023 07:46 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	
1516	UmTRX	Feature	New	Normal	There are no port to control external equipment like PA		02/19/2016 10:52 PM	
2318	OsmoGSMTester	Feature	New	Normal	testing sysmobts: skip copying of binaries when the same are already installed		06/07/2017 03:55 PM	
2225	OsmoGSMTester	Feature	New	Low	tester nitb: connect ctrl interface only once		05/15/2017 12:58 PM	
4418	OsmocomBB	Feature	New	Normal	test-sim: support all libosmocore algorithms (comp128 v1, v2, v3; MILENAGE)		02/26/2020 11:41 PM	
6242	Core testing infrastructure	Feature	New	Normal	Test eUPF against ttn3-upf-test setup		12/18/2023 11:33 AM	
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
3479	OsmoBSC	Feature	New	Normal	test "every single failure" in osmo-bsc FSMs		08/20/2018 11:15 AM	Related to #3479
2567	OsmoHLR	Feature	New	Low	tell the MSC(s) when subscriber data has changed		10/11/2017 01:50 AM	
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	
3732	OsmoHLR	Feature	New	Low	Support tacdb query in HLR		07/18/2019 06:12 AM	Related to #3732
5321	osmo-remsim	Feature	New	Low	support SAP of u-blox AT+USAPMODE		11/22/2021 10:37 AM	
5320	osmo-remsim	Feature	New	Low	support SAP of Telit AT#RSEN		11/22/2021 10:38 AM	
1571	OsmoBTS	Feature	New	Low	Support RTP multiplexing instead of per-call RTP streams		02/23/2016 03:32 PM	
2546	OsmoMGW	Feature	New	Low	support play-out/announcement endpoint type		10/06/2017 12:30 PM	
2651	OsmoMGW	Feature	New	Low	Support MGCP Piggybacking		11/18/2017 05:44 PM	
5156	OsmoBSC	Feature	New	Low	Support intraBSC handover between distinct BTS types		11/04/2021 06:27 PM	
4717	OsmoMSC	Feature	New	Normal	support Handover with changing codec		08/18/2020 05:14 PM	Related to #4717
3207	OsmoMGW	Feature	New	Low	Support for RTP Payload Format according to "ETSI TS 101 318"		04/24/2018 03:53 PM	
5256	OsmoBTS	Feature	New	High	support for random padding in LAPDm downlink messages		10/12/2021 11:17 AM	Related to #5256

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4979	OsmoBSC	Feature	New	Low	Support for parsing incoming BSSMAP LOAD INDICATION		01/27/2021 02:41 PM	Related to #4979,Related to #4980
5307	Ericsson RBS 6xxx	Feature	New	Normal	Support for Multiple Sectors at an RBS site.		11/13/2021 08:20 PM	
3606	OsmoSTP	Feature	New	Normal	Support for multiple NI (network indicator)		10/03/2018 08:58 AM	
4981	OsmoBSC	Feature	New	Low	Support for generating BSSMAP RESOURCE INDICATION		01/27/2021 03:02 PM	Related to #4982
4978	OsmoBSC	Feature	New	Low	Support for generating BSSMAP LOAD INDICATION		01/27/2021 02:40 PM	Related to #4979,Related to #4980
3607	OsmoSTP	Feature	New	Normal	Support for capability point codes		10/03/2018 08:58 AM	
3609	OsmoSTP	Feature	New	Low	Support for C-Link		10/03/2018 08:58 AM	
4982	OsmoMSC	Feature	New	Low	Support for BSSMAP RESOURCE INDICATION		01/27/2021 03:01 PM	Related to #4982
4473	OsmoBTS	Feature	New	Low	Support for broadcast of MOCN related SI21/22/23		03/29/2020 07:39 PM	Related to #4473
3469	OsmoMSC	Feature	New	Low	Support for "service category" in emergency calls		08/24/2018 12:48 PM	Related to #3470
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	
5427	OCTOI - Osmocom Community TDM over IP	Feature	New	Low	STUN/TURN/ICE for peer-to-peer connections		01/30/2022 10:43 AM	
18	OsmoNITB	Feature	New	Low	store last location identity to database		05/24/2018 01:15 PM	
4226	Retronetworking	Feature	New	Low	STM-1 / USB interface?		01/30/2022 10:14 AM	
6388	libosmocore	Feature	New	Normal	stats_reporter via osmo_io / io_uring?		03/02/2024 04:54 PM	Related to #6388
3445	OsmoMSC	Feature	Stalled	Normal	SS/USSD: clean up the local GSM 04.80 API		12/14/2018 01:57 PM	
3033	OsmoTRX	Feature	New	Low	Split wiki page into multiple smaller pages		03/05/2018 11:28 AM	
2186	libosmocore	Feature	New	Low	split libosmocrypto		10/05/2017 06:25 AM	
4489	IMSI Pseudonymization	Feature	New	Normal	Specification: mark mandatory parts / implementation details as such		04/16/2020 08:44 AM	
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	
1511	UmTRX	Feature	New	Normal	Solve Tx and Rx I/Q imbalance for wideband signals		02/19/2016 10:52 PM	
1587	OsmoSGSN	Feature	Stalled	Normal	SMS over GPRS support		11/25/2018 08:14 PM	Related to #3587
2799	linmodem	Feature	New	Normal	SIP client support		01/01/2020 08:05 PM	
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	
4433	OsmoGGSN (former OpenGGSN)	Feature	New	Normal	sgsnemu: Add support for IPv4v6 EUAs		03/04/2020 10:44 AM	
4458	Core testing infrastructure	Feature	New	Low	Set up a STF (Smartphone Testing Farm)		03/18/2020 02:44 PM	

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5771	Cellular Network Infrastructure	Feature	New	Normal	series of presentations about the individual CNI network elements		11/14/2022 07:25 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	
1570	OsmoBTS	Feature	New	Low	Select RTP payload identifier based on requested speech mode		02/23/2016 03:31 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
1598	Cellular Network Infrastructure	Feature	New	Low	Scripting language interface		12/10/2017 08:04 PM	
3595	gr-osmosdr	Feature	New	Normal	RX Tags		09/25/2018 04:01 PM	
4812	OsmoPCU	Feature	New	Low	RTTI (Reduced Transmission Time Interval) Support		10/16/2020 08:43 AM	
2405	OsmoPCU	Feature	New	Low	RLC/MAC encoding routines don't use bitvec L/H		07/29/2017 09:01 AM	
5768	Retronetworking	Feature	New	Normal	retronetworking logo / artwork		04/07/2024 10:40 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
2802	linmodem	Feature	New	Low	report the connected speed in "CONNECT" message		01/01/2018 12:18 PM	
1812	OsmoNITB	Feature	New	Normal	Report gsm0408_dispatch() failures to MS / UE		01/08/2020 10:56 PM	
2155	OP25	Feature	New	High	Replace FSK4 demodulation with IQ demodulator stage.		04/22/2017 04:16 PM	
2173	OP25	Feature	New	High	Remove dependency on ET++		04/22/2017 04:14 PM	
2378	OsmocomBB	Feature	New	Normal	Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git		10/24/2018 02:13 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	
6104	pySim	Feature	New	Low	reduce number of python dependencies		07/20/2023 04:28 PM	
3423	OsmocomBB SDR PHY	Feature	Stalled	Normal	Receiver: hard-coded GSM 05.02 channel configuration		07/09/2023 07:45 PM	
33	OsmoSGSN	Feature	New	Low	real LLC implementation with fragmentation and re-transmissions		11/09/2016 09:45 AM	
2390	OsmoMSC	Feature	New	Normal	re-add osmocom specific TLVs to SMPP messages		12/23/2017 05:48 PM	
2191	OsmoMSC	Feature	New	Normal	raw PDU mode for SMPP		12/23/2017 05:48 PM	
3097	OsmoBSC	Feature	New	Normal	ramping of "rxlev access min"		03/22/2018 11:51 AM	Related to #3097
4635	libosmo-sccp + libosmo-sigtran	Feature	New	Normal	quirks when initializing SS7 ASP		06/25/2020 04:46 PM	Related to #4635
5267	pySim	Feature	New	Normal	pySim-shell: Ability to deactivate entire applications on the card		10/14/2021 07:12 PM	Related to #5268
1643	OsmoHLR	Feature	New	Low	programmatic access to new asynchronous external HLR		12/10/2017 08:06 PM	Related to #1643,Blocks #1643

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2287	OsmoGSMTester	Feature	New	Low	processes launched by gsmtester: store command lines called next to stdout and stderr		05/23/2017 12:11 PM	
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	
6389	libosmocore	Feature	New	Low	port VTY over to osmo_io / io_uring		03/02/2024 04:55 PM	Related to #6389
4596	OsmocomTETRA	Feature	New	Normal	Port to GR3.8		01/08/2021 05:23 PM	
6390	libosmocore	Feature	New	Low	port CTRL over to osmo_io / io_uring		03/02/2024 06:45 PM	Related to #6390
5816	OsmoHNBGW	Feature	New	Low	Picocells available in R.U		03/09/2024 07:09 PM	
6395	OsmoHNBGW	Feature	New	Low	PFCP URR support in osmo-hnbgw		03/22/2024 08:08 AM	Related to #6395
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
4983	OsmoMSC	Feature	New	Low	PERFORM LOCATION REQUEST / RESPONSE		01/28/2021 11:44 AM	
1554	OsmoPCU	Feature	New	Normal	per-MS BSSGP flow control		02/23/2016 03:12 PM	Related to #1554
6367	pySim	Feature	New	Normal	PC/SC <-> Android OMAPI bridge for pySim and others		02/17/2024 01:34 PM	
2379	OsmocomBB	Feature	New	Normal	package as .deb		02/27/2020 02:39 PM	
2878	OsmoMSC	Feature	New	Low	OsmoMSC support for "Follow-on request/proceed"		01/26/2018 09:11 PM	
4477	IMSI Pseudonymization	Feature	New	Normal	OsmoHLR: send next pseudo IMSI via SMS		04/16/2020 08:45 AM	Blocks #4477,Blocks #4477
4403	IMSI Pseudonymization	Feature	Feedback	Normal	OsmoHLR: How to interface with SMS service?		04/16/2020 08:45 AM	Blocks #4477
4588	OsmoHLR	Feature	New	Low	OsmoHLR doesn't appear to have any statistics / counters		06/06/2020 09:44 AM	
3387	OsmocomBB	Feature	New	Low	osmocon: Use libosmocore logging system		10/05/2018 04:21 PM	
5641	OsmoCBC	Feature	New	Normal	OsmoCBC doesn't yet support reloading cells becoming operational with active messages		08/05/2022 05:10 PM	
2366	OsmoBTS	Feature	New	Low	OsmoBTS lacks EXTENDED BCCH support		07/15/2017 10:42 AM	Related to #1575,Related to #2014
4124	OsmoBSCNAT	Feature	New	Normal	OsmoBSCNAT : Write user manual		01/08/2020 10:56 PM	Related to #4124
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
3962	OsmoTRX	Feature	New	Low	osmo-trx: Use gcc attribute no_sanitize to run fine with ASan enabled		08/26/2019 02:04 PM	
4362	OsmoTRX	Feature	Stalled	Normal	osmo-trx-lms: Support multi-arfcn feature		09/30/2020 08:09 PM	Related to #4362,Related to #4362
2430	OsmoTRX	Feature	New	Low	osmo-trx support bladerf		02/14/2023 01:39 PM	Is duplicate of #2430,Is duplicate of #2430

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1686	osmo-sip-connector	Feature	New	Normal	osmo-sip-connector: Implement call holding on SIP		10/20/2020 08:36 AM	
1687	osmo-sip-connector	Feature	New	Low	osmo-sip-connector: Explore 3-way conference call		01/08/2020 10:56 PM	
5853	OsmoSGSN	Feature	New	Normal	osmo-sgsn: Rework to use libosmo-gprs		01/11/2023 03:14 PM	
1900	osmo-qcdiag	Feature	New	Normal	osmo-qcdiag: Add FUSE based access for EFS		01/11/2017 12:15 PM	
1901	osmo-qcdiag	Feature	New	Normal	osmo-qcdiag: Ability to read/write NV data		01/11/2017 12:15 PM	
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	
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
2197	OsmoGSMTester	Feature	Stalled	Normal	osmo-gsm-tester: use MNCC interface		11/30/2017 10:41 AM	Related to #2194,Is duplicate of #2197
2230	OsmoGSMTester	Feature	New	Normal	osmo-gsm-tester: arfcn as resource		12/14/2017 04:08 PM	Related to #2230
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
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
2374	OsmoGSMTester	Feature	New	Normal	osmo-gsm-tester: add test case: sms between MS with delivery report		08/10/2017 04:37 PM	
2311	OsmoGSMTester	Feature	New	Normal	osmo-gsm-tester: add test case: smpp: smpp_first feature		05/31/2017 04:21 PM	
2313	OsmoGSMTester	Feature	New	Normal	osmo-gsm-tester: add test case: smpp: imsi extension		05/31/2017 04:27 PM	
2314	OsmoGSMTester	Feature	New	Normal	osmo-gsm-tester: add test case: smpp: correct ESME routing		05/31/2017 04:29 PM	
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
2646	OsmoGSMTester	Feature	New	Normal	osmo-gsm-tester: Add osmo-sip-connector support		04/23/2018 10:40 AM	
2861	OsmoGSMTester	Feature	New	Normal	osmo-gsm-tester: Add 3g support for sysmocell-5k		12/02/2019 01:36 PM	Related to #2860
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
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
6407	osmo-ePDG - VoWifi Evolved Packet Data Gateway	Feature	New	Normal	osmo-epdg: Support Emergency services (no IMSI)		03/15/2024 06:43 PM	
6408	osmo-ePDG - VoWifi Evolved Packet Data Gateway	Feature	New	Normal	osmo-epdg: Support check IMEI		03/15/2024 06:45 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	

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61	OsmoBTS	Feature	New	Low	osmo-bts: split TRAU/RTP frame handling into separate process		06/13/2016 01:16 PM	
3329	OsmoBTS	Feature	New	Normal	osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED		06/08/2018 12:02 PM	Related to #3330
1771	OsmoBTS	Feature	New	Low	osmo-bts-trx: clarify check_transceiver_availability()		03/01/2018 11:17 PM	Related to #1770
1755	OsmoBTS	Feature	New	Low	osmo-bts-sysmo L1: unify hLayer3 handling		02/02/2017 04:00 PM	Related to #1755
3330	OsmoBSC	Feature	New	Normal	osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED		06/08/2018 12:14 PM	Related to #3330
3309	libosmocore	Feature	New	Normal	osmo_timer_* should use monotonic clock		05/31/2018 03:59 PM	Related to #3309
4762	osmo-sip-connector	Feature	New	Low	Osmo Analog Support		09/25/2020 07:31 AM	Related to #4763
2610	libosmocore	Feature	New	Low	optimize GnuTLS fallback		05/01/2018 04:07 PM	Related to #2610,Related to #3909
1832	Linux Kernel GTP-U	Feature	New	Normal	OpenvSwitch GTP-u patch for 2.5		10/27/2016 08:56 AM	
4682	OsmoBSC	Feature	New	Low	OM2000 MCTR Support for Ericsson RBS6000 / DUG 20		07/30/2020 06:51 AM	Precedes #4682
2468	OsmoGSMTester	Feature	New	Low	ofono: gobi modem doesn't support ofono SupplementaryServices interface		01/08/2020 10:51 PM	
2432	OsmoGSMTester	Feature	New	Low	ofono: Find out how to receive Status / Delivery report		01/08/2020 10:51 PM	
4242	BBS-Revival	Feature	New	Low	offer CCC event schedule (Fahrplan) as gopher service		10/28/2019 09:22 AM	
4986	OsmoBTS	Feature	New	Low	No TTCN3 tests of AMR rate/link adaptation		01/28/2021 01:36 PM	
4988	OsmoBTS	Feature	New	Low	No TTCN3 test for AMR TFO / DL CMR handling		01/28/2021 01:38 PM	
4987	OsmoBTS	Feature	New	Low	No TTCN3 test for AMR DTX FSMs		01/28/2021 01:37 PM	Related to #5474
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	
6344	libosmocore	Feature	New	Normal	New TS 24.008 Bearer Capability codec API		01/24/2024 11:19 PM	Related to #6344
5808	gr-osmosdr	Feature	New	Normal	New option, for selecting an input channel of a soapy_source_c		12/05/2022 11:45 AM	
2224	SDR (Software Defined Radio)	Feature	New	Normal	New Fospor Benchmark Performance		05/04/2017 01:23 PM	
3280	OsmocomBB	Feature	New	Low	Multiparty SS support in OsmocomBB		05/22/2018 07:40 AM	
1561	OsmoBTS	Feature	New	Low	Multi-TRX support (one osmo-bts process per TRX)		02/23/2016 03:18 PM	
3501	SIMtrace 2	Feature	New	Low	Multi-sim addon board idea		08/28/2018 03:00 PM	
4536	OsmoBSC	Feature	New	Normal	Multi BTS support within a single physical device		06/21/2020 01:10 PM	
4525	Cellular Modem Information	Feature	New	Normal	MTK		05/03/2020 03:57 PM	Is duplicate of #4525
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
1537	OsmoPCU	Feature	New	Low	Move the BSSGP handling to libosmocore		03/01/2018 11:17 PM	Related to #1537,Related to #2388
3688	OsmoSGSN	Feature	New	Low	move generic gtpub code to libosmocore		04/15/2019 07:29 AM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5434	OCTOI - Osmocom Community TDM over IP	Feature	Stalled	Normal	more statistics / counters		12/03/2023 11:17 AM	
2815	linmodem	Feature	New	Normal	modern ptmx / pty handling (UNIX 98)		01/01/2018 02:48 PM	
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
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
5812	OsmocomBB	Feature	New	Low	mobile: missing AMR support		12/06/2022 03:07 PM	Related to #5812
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
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
4638	Altair LTE Modems	Feature	New	Normal	Mikrotik R11e-4G mtd dump		06/13/2021 10:15 AM	
5722	Cellular Network Infrastructure	Feature	New	Low	Migrate jenkins build slaves from docker to podman		10/21/2022 08:29 PM	Related to #5722
3594	gr-osmosdr	Feature	New	Normal	Message Commands		09/25/2018 03:59 PM	
3344	OsmoTRX	Feature	New	Normal	merge ttsou/siggen		06/13/2018 07:26 PM	
3345	OsmoTRX	Feature	New	Low	merge ms branch		06/13/2018 07:16 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	
3755	OsmoMSC	Feature	New	Low	make retrieval of IMEISV configurable		05/07/2019 12:28 PM	Related to #3755
1613	OsmoBSC	Feature	New	Low	make BTS/TRX configuration changes without having to drop BTS OML link		12/10/2017 08:06 PM	
1858	OsmoBSC	Feature	New	Normal	make BSC also generate ALERTs		12/10/2017 07:59 PM	
6241	libosmo-sccp + libosmo-sigtran	Feature	New	Low	M3UA "Network Appearance" support		10/31/2023 03:00 PM	Related to #6241
3602	OsmoSTP	Feature	New	Low	M2UA support		09/30/2018 08:00 AM	
3603	OsmoSTP	Feature	New	Low	M2PA support		10/03/2018 08:58 AM	Related to #3603
2288	OsmoGSMTester	Feature	New	Low	logging: print in a short way which resource is being reserved and used		05/23/2017 02:25 PM	
39	OsmoBSC	Feature	New	Low	Logging filter on bts/trx or such		06/08/2020 07:07 PM	
5829	libosmocore	Feature	New	Low	log fallback for log_check_level(), log_parse_category()		12/13/2022 10:44 PM	
5489	linmodem	Feature	New	Low	linmodem mISDN integration		03/13/2022 09:35 PM	
1543	OsmoPCU	Feature	New	Normal	link/rate adaption as per spec		01/08/2020 10:43 PM	Related to #1543,Related to #1543
5167	Osmocom Analog	Feature	New	Low	LimeNet Micro		04/02/2023 08:57 AM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
2702	OsmoMGW	Feature	New	Low	libosmo-mgcp doesn't use osmo_sock_ API		12/03/2017 09:42 AM	
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	
1655	OsmoSGSN	Feature	Stalled	Normal	KPIs for OsmoSGSN		01/08/2020 10:49 PM	Related to #1652,Related to #1655,Related to #1655
6285	OsmoHNBGW	Feature	New	Low	IUFP needs not CRCX in loopback mode		12/04/2023 03:58 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	
2494	OsmoGGSN (former OpenGGSN)	Feature	New	Low	IPv6 support on the outer (transport) layer		02/06/2021 12:09 PM	
6354	osmo-ePDG - VoWifi Evolved Packet Data Gateway	Feature	New	Low	investigate UE behavior in terms of respecting ePDG configuration on USIM/ISIM		02/07/2024 04:10 PM	
3564	OsmoGSMTester	Feature	New	Normal	Investigate ofono and modems Cell Broadcast support		01/08/2020 10:42 PM	Related to #3564
3649	OsmoHLR	Feature	New	Low	Investigate LMDB as HLR data storage		10/12/2018 11:35 AM	Related to #3649
5013	Cellular Network Infrastructure	Feature	New	Low	investigate "vtysh" for Osmocom		02/06/2021 02:14 PM	Related to #5013
3987	libosmocore	Feature	New	Low	introduce libosmocore_init() to replace individual initialization calls		05/08/2019 03:03 PM	Related to #3987
2800	linmodem	Feature	New	Normal	Interop testing with real modems		01/01/2018 12:16 PM	
1603	OsmoMSC	Feature	New	Low	Interfacing the MSC with other networks: Roaming interfaces / MAP		07/18/2019 06:13 AM	
1588	OsmoSGSN	Feature	New	Normal	Inter-RAT hand-over		02/23/2016 03:46 PM	
5047	OsmoSDR	Feature	New	Normal	Inconsistencies between SDR's in bias-tee parameter		12/19/2021 01:17 PM	
6316	pySim	Feature	New	Normal	include test data in user manual		12/23/2023 03:10 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	
1997	OsmoHNBGW	Feature	New	Normal	Improve error check at compilation time		10/21/2021 04:28 PM	
5235	pySim	Feature	New	Low	import / export as eUICC profile package ASN.1		06/09/2023 04:55 PM	
5780	OsmoMSC	Feature	New	Normal	Implement/Support UUS1		01/24/2023 10:48 AM	
2580	OsmoMGW	Feature	New	Low	implement timeout/resend mechanism for mgcp_client		09/04/2019 09:26 AM	
6036	OsmoBTS	Feature	New	Normal	Implement ternary SID classification for HR1 uplink		05/17/2023 09:48 PM	Related to #6036,Related to #6036
4860	libosmo-abis	Feature	New	Low	Implement separation of line/TEI/datalinks in E1 pcap		11/04/2021 06:31 PM	
2009	libosmo-sccp + libosmo-sigtran	Feature	New	Low	Implement SCCP connection coupling ("proxy")		04/10/2017 12:09 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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
2712	libosmocore	Feature	New	Low	implement reproducible talloc context printout, i.e. without memory addresses		01/08/2020 10:21 PM	Related to #2781
1586	OsmoSGSN	Feature	New	Normal	Implement QoS profile support		02/23/2016 03:45 PM	
5838	OsmoGSMTester	Feature	New	Normal	Implement power switching for all BTSs		12/20/2022 05:30 PM	
2003	libosmo-sccp + libosmo-sigtran	Feature	New	Low	Implement M2UA support		04/10/2017 12:01 PM	
2006	libosmo-sccp + libosmo-sigtran	Feature	New	Low	Implement M2PA support		02/10/2024 01:17 PM	Related to #3603
2007	libosmo-sccp + libosmo-sigtran	Feature	New	Low	Implement GT based routing		04/10/2017 12:04 PM	
2008	libosmo-sccp + libosmo-sigtran	Feature	New	Low	Implement Global Title Translation		04/10/2017 12:05 PM	
2156	OP25	Feature	New	High	Implement forward error correction for HDU.		04/22/2017 04:16 PM	
2167	OP25	Feature	New	High	Implement Encryption/Decryption P25 blocks		04/22/2017 04:15 PM	
5648	libosmo-pfcp	Feature	New	Normal	implement common PFCP CPF client VTY config		08/17/2022 03:29 PM	Related to #5648
4277	Cellular Network Infrastructure	Feature	New	Low	implement an SMSC to work with OsmoMSC		11/22/2019 02:45 PM	
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	
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
5511	Retronetworking	Feature	New	Low	Idea: DAHDI backend for mISDN		09/18/2022 03:59 PM	
4882	OsmoHNBGW	Feature	New	Low	HSPA+ Picocell available in U.S		03/09/2024 07:08 PM	
6224	Retronetworking	Feature	Feedback	Normal	how to document the rescued EWSD		10/18/2023 04:51 PM	
5867	OsmoHNBGW	Feature	New	Normal	HNBGW_Tests.ttcn should do HNBAP UE Register and De-Register tests		01/21/2023 02:30 AM	
1872	libosmocore	Feature	New	Low	high-performance remote logging		03/24/2021 12:36 PM	
1515	UmTRX	Feature	New	Normal	Heat dissipation and mounting issue		02/19/2016 10:52 PM	
4488	OsmoPCU	Feature	New	Normal	have uplink/downlink tests for all CS/MCS		11/25/2020 07:28 PM	Related to #4488,Related to #4510
6315	pySim	Feature	New	Low	have test data for all supported files		12/23/2023 09:36 AM	
4900	OsmoGSMTester	Feature	New	Low	hardware and wiring verification / selftest		12/08/2020 11:03 AM	
3485	OsmoBSC	Feature	New	Low	handover to make room for a less capable subscriber		10/16/2018 01:16 PM	Related to #3485

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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
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
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	
3482	OsmoBSC	Feature	New	Low	handover decision: if a new call causes congestion that would trigger immedate re-assignment, assigning the other TCH kind from the start		10/16/2018 01:15 PM	Related to #3482
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
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
5930	OsmoPCU	Feature	New	Low	handle multiple BTSs with one PCU		03/03/2023 10:47 AM	
1667	OsmoNITB	Feature	New	Normal	Handle callref better		09/04/2019 09:31 AM	Related to #3294
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
4306	Distributed GSM	Feature	Stalled	Low	GSUP proxy cache: store data persistently		05/20/2020 09:18 PM	Precedes #4306
5504	OsmocomBB	Feature	New	Normal	GSM/GPRS coordination (RR/GRR)		05/23/2023 12:31 PM	Related to #5504
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
4580	SDR (Software Defined Radio)	Feature	New	Normal	gr-osmosdr compilation under GnuRadio 3.9.0		06/04/2020 01:13 AM	
5505	OsmocomBB	Feature	New	Normal	GPRS mobility (cell change) support		07/01/2022 06:24 AM	Related to #5505
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
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	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5487	OsmoSGSN	Feature	New	Low	get rid of osmo-iuh.git's iu_client API and absorb into OsmoSGSN		03/10/2022 06:05 PM	
1596	Cellular Network Infrastructure	Feature	New	Low	Generation of accounting/billing data		12/10/2017 08:03 PM	
1987	libosmocore	Feature	New	Normal	gcov code coverage test support		12/01/2019 01:42 PM	Related to #1987,Is duplicate of #1987
4893	osmo-gbproxy	Feature	New	Low	gbproxy2: Make feature bitmap configurable		12/08/2020 07:55 AM	Related to #4893
3142	Cellular Network Infrastructure	Feature	New	Low	Further simplification of "NITB like" setups		04/05/2018 08:09 PM	
2157	OP25	Feature	New	High	Fix "traffic" tab so it displays data for non-HDU data units		04/22/2017 04:16 PM	
6239	libosmo-sccp + libosmo-sigtran	Feature	New	Normal	finally deprecate libosmo-sccp (headers, static lib)		10/31/2023 07:31 PM	
4574	OsmoHNBGW	Feature	New	Low	Femtocell choice in 2020/06		03/09/2024 07:09 PM	
4813	OsmoPCU	Feature	New	Low	FANR (Fast ACK/NACK Reporting) support		10/16/2020 08:46 AM	
1590	Cellular Network Infrastructure	Feature	New	Low	Extension of Control Interface / external SNMP agent		07/18/2019 05:22 AM	
4590	libosmocore	Feature	New	Normal	Export talloc data as counters for better memory leakage monitoring in production		09/12/2022 03:53 PM	
4591	libosmocore	Feature	New	Normal	Export FSM states and statistics with counters		03/24/2021 12:34 PM	
5520	osmo-e1d	Feature	New	Low	exponential back-off on octoi client reconnect attempts		07/29/2023 07:30 AM	
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	
3687	OsmoMSC	Feature	New	Normal	Expand "show bsc" command		11/11/2018 09:50 PM	
5586	OsmoBSC	Feature	New	Normal	Ericsson RBS could recover Unlocked state without osmo-bsc restart		06/21/2022 10:23 PM	Related to #5983
1823	OsmoPCU	Feature	Stalled	Low	Ericsson PCU TRAU frame encoding/decoding		09/04/2019 09:26 AM	Related to #5198
1573	OsmoBTS	Feature	New	Low	ENHANCED MEASUREMENT REPORT		07/19/2021 04:13 PM	
1716	libosmocore	Feature	New	Normal	enhance unit test coverage		08/17/2016 03:57 PM	Related to #1987,Precedes #1717
5183	OsmoHLR	Feature	New	Low	EIR functionality		06/16/2021 06:22 AM	Related to #5183
1560	OsmoPCU	Feature	New	High	EDGE benchmarking / performance optimization / tuning		01/08/2020 10:31 PM	
5545	Retronetworking	Feature	New	Low	E1 support for dynamips		04/24/2022 09:56 AM	
4551	OsmoMGW	Feature	New	Normal	Dynamic/runtime allocation of new endpoints		05/14/2020 10:56 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	
4415	OsmoGGSN (former OpenGGSN)	Feature	New	Normal	Document in OsmoGGSN User Manual the IPv6 allocation process over GTP		02/25/2020 03:05 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5761	Core testing infrastructure	Feature	New	Normal	Develop TTCN-3 test suite for SGW		11/09/2022 09:49 PM	
5762	Core testing infrastructure	Feature	New	Normal	Develop TTCN-3 test suite for PGW		11/10/2022 06:38 PM	
4376	Cellular Network Infrastructure	Feature	New	Normal	Define distinct X timer numbers across all osmo programs		01/23/2020 09:21 PM	
5128	Core testing infrastructure	Feature	New	Low	dec_RlcmacDIctrlBlock: Get rid of annoying warning about remaining padding		12/09/2021 09:14 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	
2804	linmodem	Feature	New	Low	DAHDI interface		01/01/2018 12:27 PM	
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
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
5484	Open Source IMS Client	Feature	New	Normal	create setup for nested IPsec (doubango on top of StrongSWAN)		03/07/2022 11:19 AM	
5746	Retronetworking	Feature	New	Low	Create H.221 decoder		11/07/2022 10:55 PM	
2806	UUCP and UseNet	Feature	New	Low	Create Dockerfile and/or ansible playbook for UseNet node		01/01/2018 01:04 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	
2158	OP25	Feature	New	High	Create a shared library for decoding for WireShark and the decoder.		04/22/2017 04:16 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
2813	Z-Netz	Feature	New	Normal	Create + Document OpenXP setup on Linux		01/01/2018 01:41 PM	
2814	Z-Netz	Feature	New	Normal	Create + Document classic CrossPoint setup on DOS (dosemu)		01/01/2018 01:41 PM	
5446	Cellular Network Infrastructure	Feature	New	Normal	correlate git version to ttcn3 tests		02/07/2022 09:40 PM	Related to #5446
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
6303	OsmoPCU	Feature	New	Low	Convert pcuif to TLV to make backwards compatibility more feasible		02/15/2024 09:23 PM	
1903	OsmoPCU	Feature	New	Low	convert c++ -> c		03/23/2020 10:48 PM	
5543	Retronetworking	Feature	New	Normal	Contact manufacturers for leftover stock		06/27/2023 09:05 PM	
6402	libosmocore	Feature	New	Low	consider using IORING_RECVSEND_POLL_FIRST for our socket-reads		03/14/2024 08:21 AM	
1576	OsmoBTS	Feature	New	Low	consider using hLayer2 as a pointer storage		02/02/2017 04:11 PM	Related to #1755
4915	osmo-e1d	Feature	New	Low	consider a one-thread-per-line architecture		07/29/2023 07:31 AM	
5371	osmo-lab-rack	Feature	New	Low	component carrier USB-UART		12/23/2021 06:31 PM	
5370	osmo-lab-rack	Feature	New	Low	component carrier USB hub		12/23/2021 06:30 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1546	OsmoPCU	Feature	New	Low	closed loop uplink power control		09/30/2020 08:05 PM	
1692	OsmoBTS	Feature	New	Low	clock source monitoring		04/13/2016 09:49 AM	
5908	Cellular Network Infrastructure	Feature	New	Low	Cleanup license information throughout the projects		02/16/2023 11:02 AM	
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
3738	OsmoMSC	Feature	New	Normal	Clarify PS-part of struct vlr_subscr		12/19/2018 12:34 PM	
2462	OsmoBSC	Feature	New	Low	clarify lchan->encr.alg_id		08/24/2017 01:27 PM	Related to #2462
1814	Qualcomm Linux Modems by Quectel & Co	Feature	New	Low	check if qtools work		10/02/2016 04:08 AM	
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	
3988	OsmoMSC	Feature	New	Low	change the remaining DEBUGP() statements to LOG_MSC_A() / LOG_MSC_A_CAT()		05/08/2019 03:26 PM	
4846	OsmoPCU	Feature	New	Normal	change RBB received block bitmap into 1s when everything was acked		11/04/2020 02:29 AM	
5682	OsmoUPF	Feature	New	Low	cfg: separate PFCP Node ID from PFCP local address		09/17/2022 02:21 PM	Related to #5682
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
4196	OsmoMSC	Feature	New	Normal	CC Setup, Call Confirmed: decode and use the Supported Codec List IE		09/25/2019 05:27 PM	
5721	OsmoCBC	Feature	New	Normal	CBC messages Geographical Scope and CBS Index		10/19/2022 07:23 AM	
25	OsmoMSC	Feature	New	Low	Call HOLD / RETRIEVE support for internal MNCC		08/01/2019 03:06 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
5546	OCTOI - Osmocom Community TDM over IP	Feature	New	Normal	build frame relay "hub" similar to ISDN "hub"		04/24/2022 03:03 PM	
4504	OsmoTRX	Feature	New	Low	Buidl LimeSuite without GUI in osmocom feeds		09/30/2020 08:08 PM	
1600	OsmoBSC	Feature	New	Low	BSC: Make SI / rest octests more configurable		12/10/2017 08:04 PM	
3831	OsmoBSC	Feature	New	Low	BSC support for "network sharing" via MOCN		01/20/2021 10:03 AM	Related to #4473
6401	libosmocore	Feature	New	Low	benchmark batching io_uring operations		03/14/2024 08:10 AM	
6394	OsmoUPF	Feature	Stalled	Low	Basic URRL (Usage Reporting Rule) support for tunnel mapping		03/22/2024 08:08 AM	Related to #6395
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
5865	OsmoHLR	Feature	New	Low	Automate selection of LU Reject Cause		02/16/2023 10:36 AM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1837	OsmoBTS	Feature	New	Low	autogenerate dtx_dl_amr_fsm.*		03/01/2018 11:17 PM	
1530	OsmoPCU	Feature	New	Low	Assign same TFI number in downlink/uplink		01/26/2020 08:50 AM	
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	
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
4486	IMSI Pseudonymization	Feature	New	Normal	Applet: gracefully handle case where timer is set twice		04/16/2020 08:45 AM	
4479	IMSI Pseudonymization	Feature	New	Normal	Applet: change IMSI after receiving SMS		04/16/2020 08:45 AM	
4989	OsmoBTS	Feature	New	Low	AMR RATSCCH support		01/28/2021 01:41 PM	
4455	OP25	Feature	New	Normal	AMBE CODEC		03/28/2020 09:53 PM	
2798	linmodem	Feature	New	Normal	ALSA Soundcard Support		01/01/2018 12:02 PM	
2612	OsmoGSMTester	Feature	New	Low	Allow skipping pcaps by configuration if access to tcpdump is not wanted		04/06/2020 11:25 AM	
3470	OsmoMSC	Feature	New	Low	Allow sending "Emergency Number List IE" in LU ACCEPT		09/01/2018 08:18 PM	Related to #3470
4014	OsmoBTS	Feature	New	Low	Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX		05/21/2019 12:07 PM	
6000	OsmoMSC	Feature	New	Normal	Allow emergency calls without IMSI (using IMEI as MI)		04/12/2023 11:03 AM	Related to #6000
5813	OsmoHNBGW	Feature	New	Low	Alcatel-Lucent femtocells available in Europe		03/09/2024 07:09 PM	
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
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
2399	OsmoGSMTester	Feature	New	Normal	add tests for graceful restart of individual components		07/25/2017 12:02 AM	
2271	OsmoGSMTester	Feature	New	Low	add test names to pick to the -s cmdline option		05/18/2017 12:32 PM	
4806	osmo-ccid-firmware	Feature	New	Low	Add support of T=1?		10/15/2020 03:40 PM	
4128	OsmoHNBGW	Feature	New	Low	Add support of Huawei hNodeB protocol		07/24/2019 03:39 PM	
2707	OsmoGSMTester	Feature	New	Normal	Add support for verifying content of log files after test is run		12/04/2017 05:05 PM	
1555	OsmoPCU	Feature	New	Low	Add support for unacknowledged RLC Mode		01/22/2020 02:59 PM	
2166	OP25	Feature	New	High	Add support for Max's I/Q 455khz downconverter		04/22/2017 04:15 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
2391	OsmoMSC	Feature	New	Low	add osmocom specific TLVs to A-interface for BTS/TS and subscriber details		10/02/2018 03:40 PM	
3038	multi-voltage USB UART	Feature	New	Normal	Add mounting holes?		03/07/2018 02:12 AM	
5662	OsmoUPF	Feature	New	Normal	add Linux kernel options to manual		08/24/2022 03:13 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5323	Core testing infrastructure	Feature	New	Normal	Add docker image containing titan.core master		12/15/2021 04:43 PM	Related to #6187
3019	OsmoHLR	Feature	New	Low	add config for number of auth tuples returned		06/23/2018 06:58 PM	
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
2913	OsmocomBB	Feature	New	Low	Add a tool that decodes Cell Broadcasts (SMSCB)		09/29/2018 09:31 AM	Related to #3564
2160	OP25	Feature	New	High	Add "datascope" to usrp_p25_rx.py		04/22/2017 04:16 PM	
5372	osmo-lab-rack	Feature	New	Low	AC power supply		12/23/2021 06:33 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	
5395	OsmocomDECT	Feature	New	Normal	Support for LMX3161		01/09/2022 12:55 PM	
5483	Open Source IMS Client	Feature	New	Normal	SIM card interface for strongswan		03/07/2022 03:19 PM	
4961	osmo-gbproxy	Feature	New	Normal	gbproxy support for "network sharing" via MOCN		01/20/2021 08:38 PM	
3589	rtl-sdr	Bug	New	Normal	Zerocopy Buffers Unusable Outside Callback Without memcpy()		09/25/2018 12:58 PM	
2797	linmodem	Bug	New	Normal	X11 support is 16bit plane only		05/07/2022 11:34 PM	
2995	OsmocomBB	Bug	New	Normal	Wrong parsing of PAGING TYPE 3		02/24/2018 11:03 PM	Related to #2994
3724	osmo-sip-connector	Bug	New	Normal	Wrong media format used in SIP INVITE causes one-way audio		12/11/2018 02:57 PM	Related to #3724,Related to #5177
1898	OsmoBTS	Bug	Feedback	Low	Wrong handover detection with l1sap on wrong ss=0/ts=0		11/07/2017 09:54 PM	
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
6438	libosmocore	Bug	New	Normal	write_config_file() calls blocking sync()		04/26/2024 09:15 AM	
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
3126	SDR (Software Defined Radio)	Bug	New	Low	Windows 10 Pro 1709: crash of rtl_test.exe		03/30/2018 02:16 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	
5011	Core testing infrastructure	Bug	New	Normal	Warning about unrecognized escape sequence in Osmocom_CTRL_Types		02/05/2021 11:21 AM	
5029	libosmocore	Bug	New	Normal	vty: optional cases with multiple arguments is undefined behaviour		02/18/2021 05:44 PM	
6440	libosmocore	Bug	Feedback	Normal	VTY: 'write file' breaks 'show startup-config'		04/26/2024 04:23 AM	
6380	OsmoHNBGW	Bug	New	Normal	VTY transcript tests are broken [again]		02/28/2024 06:57 PM	
1768	OsmoSGSN	Bug	Stalled	Low	VTY show llc displays State TLLI Unassigned permanently		01/08/2020 10:52 PM	
4451	OsmoMSC	Bug	New	Normal	vty 'show stats level': different stats levels yield identical results		03/09/2020 10:10 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5304	OsmoHNBGW	Bug	New	Low	Verizon CDMA femtocell		03/09/2024 07:09 PM	
3224	OsmoSGSN	Bug	New	Normal	verify ciphering after UMTS AKA		01/08/2020 10:48 PM	Related to #3193,Related to #3224
4303	OsmoHLR	Bug	New	Low	various minor issues about evaluation of rc = db_subscr_get_by_*)		12/03/2019 11:02 PM	
1483	Mobile (in)Security	Bug	New	High	USSD state is not reset when switching cells		02/21/2016 04:34 PM	
6441	OsmoSGSN	Bug	New	Normal	use-after-free on RAU with invalid Old RAI		04/22/2024 01:23 PM	Related to #6441
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	
4749	OsmoGGSN (former OpenGGSN)	Bug	New	Normal	Unknown/Unimplemented PCO Protocol		02/09/2022 01:26 PM	
3531	OP25	Bug	New	Normal	Unknown status of the p25 wireshark plugin		10/06/2022 05:52 AM	
3741	osmo-sip-connector	Bug	New	Normal	Unknow call parameters shown in vty		12/28/2018 02:01 PM	
3817	SDR (Software Defined Radio)	Bug	New	Normal	Unable to use fospor display on Ubuntu 18.10		02/26/2019 06:56 PM	
2216	gr-osmosdr	Bug	New	Normal	uhd: LO offset doesn't seem to work properly		06/03/2018 12:08 PM	
4886	OsmoSGSN	Bug	New	Normal	UE does not connect data when moving from 2G->3G		12/04/2020 01:29 AM	
6411	Cellular Network Infrastructure	Bug	Stalled	Normal	ttn3: execute testsuites with a more realistic link performance		04/03/2024 06:25 PM	
6427	OsmoMSC	Bug	New	Normal	ttn3-msc-test: TC_mo_ussd_for_unknown_trans fails sporadically		04/02/2024 03:01 PM	Related to #6427
3731	OsmoMGW	Bug	New	Normal	TTCN3 TC_rtpem_selftest randomly fails		01/08/2020 10:18 PM	
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	
3940	OsmoSGSN	Bug	New	Normal	TTCN-3: lu: test UMTS Auth		04/24/2019 08:24 AM	
5393	OsmocomDECT	Bug	New	High	tipc problems while building on Ubuntu		01/09/2022 12:48 PM	
4538	OsmoBSC	Bug	New	Normal	timeslot_fsm.c: make the PDCH act/deact timeout configurable		05/09/2020 08:20 PM	Related to #4539
2292	Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall)	Bug	New	Normal	Time with community users during OsmoCon		05/25/2017 03:03 PM	
3243	OsmoBSC	Bug	New	Normal	there is MGW config for each separate 'msc', but the MGW settings are stored only once globally		05/07/2018 03:10 PM	
5985	Cellular Network Infrastructure	Bug	New	Normal	tests: not all Osmocom projects have @osmoappdesc.py@		03/29/2023 08:09 PM	
4240	OsmoMSC	Bug	In Progress	Normal	test: incoming call when already Paging		11/27/2019 11:09 PM	
5669	Cellular Network Infrastructure	Bug	New	Normal	Test .deb packages built by our OBS		09/21/2022 01:03 PM	Related to #5669,Related to #5669

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3401	OsmocomBB	Bug	New	Normal	target/firmware/l1ctl: both chan_nr and link_id are not set for L1CTL_DATA_CONF		07/16/2018 11:56 PM	
4863	OsmoMSC	Bug	New	Low	T3212 is unclear in config/vty		11/19/2020 06:10 PM	
2382	OsmoBSC	Bug	New	Normal	T3105 not consistently communicated to all BTS models		03/05/2018 07:02 PM	
4822	osmo-ccid-firmware	Bug	Stalled	Low	sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB		11/05/2021 05:19 PM	
5310	osmo-ccid-firmware	Bug	New	Normal	sysmoOCTSIM does not re-enumerate after unplug/replug the USB cable when PSU is connected		11/15/2021 05:13 PM	
57	OsmoBTS	Bug	New	Low	sysmobts L1 is not properly closed, DSP firmware reload is required		03/01/2018 11:16 PM	Related to #57
2437	OsmoHNBGW	Bug	New	Low	synchronize different asn1c APER forks		01/08/2020 10:56 PM	Related to #2435,Related to #2436,Related to #3862
5257	OsmoBTS	Bug	New	High	support random padding in SACCH downlink messages		10/12/2021 11:18 AM	Related to #5257
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
3689	OsmoSGSN	Bug	New	Normal	Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)		04/09/2019 11:21 AM	
38	OsmoNITB	Bug	New	Normal	subscr_update should sync database before dispatching the signal		03/05/2018 07:34 PM	
72	OsmoNITB	Bug	New	Low	struct gsm_call can leak..		05/09/2016 07:37 PM	
3812	libosmo-netif	Bug	Stalled	Normal	stream_test fails depending on where it is run		03/13/2019 04:15 PM	
5544	OCTOI - Osmocom Community TDM over IP	Bug	New	Normal	Strange HDLC frames in PPP when using mISDN/pppd/capiplugin against Portmaster3		04/23/2022 01:50 PM	
2839	Cellular Network Infrastructure	Bug	New	Low	statistics split between 2G and 3G		07/18/2019 05:22 AM	
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
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	
6321	OsmoMSC	Bug	New	Low	SMS not delivered from corrupted SMS database		01/02/2024 01:07 PM	
5392	OsmocomDECT	Bug	New	High	Sliding collision errors		01/09/2022 12:44 PM	
6029	Core testing infrastructure	Bug	New	Normal	Single TTCN3 BSC handover test fails		10/18/2023 05:31 PM	
5738	Misc Hardware Projects	Bug	New	Normal	Sim 800L module Connectivity		11/02/2022 06:55 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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
2694	OsmocomBB	Bug	New	Normal	SIGSEGV in lapdm code		11/30/2017 08:45 AM	Related to #2694
5672	Misc Hardware Projects	Bug	New	Normal	sfp-experimenter / voltage swing of LVDS driver insufficient for SFP spec		09/02/2022 03:27 PM	
4691	OsmoMSC	Bug	New	Low	setfault in osmo_sockaddr_str_is_set() via call_leg_ensure_ci()		02/06/2021 09:47 AM	
4310	osmo-sip-connector	Bug	New	Normal	sends BYE to self		01/09/2020 09:21 AM	
1482	Mobile (in)Security	Bug	New	Normal	Sending the TMSI of the old/previous network		02/21/2016 04:35 PM	
5190	OsmoBSC	Bug	New	Low	segfault with osmo-e1d		09/15/2021 09:34 AM	
4158	OsmoHNBGW	Bug	New	Normal	segfault when paging, in a situation with duplicate CID in hnb register requests		05/13/2021 12:01 PM	Related to #4162
4825	OsmoSGSN	Bug	New	Normal	security command is missing sometimes		10/22/2020 02:40 AM	
5822	OsmocomBB	Bug	New	Normal	SE K2x0i: missing RF and AFC params		12/15/2022 11:36 PM	
4925	libosmo-sccp + libosmo-sigtran	Bug	New	Normal	SCTP multihoming / ABORT between osmo-msc and osmo-stp		01/04/2021 11:32 AM	Related to #4926
37	OsmoNITB	Bug	New	Normal	RTP Proxy dealing with SSRC change and sequence numbers		03/05/2018 07:34 PM	
5120	rtl-sdr	Bug	New	Normal	rtlsdr_demod_write_reg failed with -9		04/18/2021 08:55 PM	
2607	rtl-sdr	Bug	New	Normal	rtl-sdr gnuradio cfile is outdated		06/03/2018 12:23 PM	
6329	rtl-sdr	Bug	New	Normal	rtl_sdr does not have correct rpath set on OSX build		01/12/2024 09:57 PM	
4720	rtl-sdr	Bug	New	Normal	rtl_power reports invalid values		08/19/2020 02:47 PM	
3058	OsmoBTS	Bug	New	Low	RSL SACCH FILLING are per TRX, not BTS scope		03/11/2018 08:55 PM	
4884	OsmoBSC	Bug	New	Normal	RLL_REL_IND is recieved after RF_CHAN_REL		12/02/2020 11:51 AM	
2603	OsmoPCU	Bug	New	Low	Review the various incomplete and never merged changes in radisys branch		01/08/2020 10:44 PM	Related to #1775
2305	OsmoSGSN	Bug	New	Normal	review 'laforge/santos' branch and check if there are pending fixes		01/08/2020 10:56 PM	
2803	linmodem	Bug	New	Low	return ERROR for unsupported AT commands		01/01/2018 12:19 PM	
3141	OsmoTRX	Bug	New	Normal	Refactor / clean up TRX CTRL / DATA interfaces implementation		04/05/2018 05:46 PM	
3422	OsmocomBB SDR PHY	Bug	Stalled	Normal	Receiver: sample / burst buffering problem		07/09/2023 07:39 PM	
3425	OsmocomBB SDR PHY	Bug	Stalled	Normal	Receiver: missing AGC (Automatic Gain Control)		07/09/2023 07:44 PM	
1481	Mobile (in)Security	Bug	New	High	Random LAPDm MAC-block padding is not deployed yet		02/21/2016 04:34 PM	Related to #5256,Related to #5257
1477	Mobile (in)Security	Bug	New	High	RACH flood DoS		02/21/2016 04:34 PM	
3849	OsmoMGW	Bug	New	Normal	race condition problem in rtp flow tests of the ttcn3 testsuite		09/04/2019 09:26 AM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5008	gr-osmosdr	Bug	New	Normal	Quoted whitespace parsing problem in source_impl::source_impl		02/04/2021 02:16 AM	
6312	OsmoHLR	Bug	New	Normal	Querying HLR for MSISDN-to-IMSI mapping is too cumbersome and inefficient		12/21/2023 06:52 AM	Related to #6312
6314	pySim	Bug	New	Low	pySim-trace doesn't support ARA-M		12/23/2023 09:36 AM	
3775	OsmoTRX	Bug	Stalled	Normal	properly debug limesdr usb and limesdr mini clocking requirements and osmo-trx support		09/30/2020 08:09 PM	Blocks #3341,Blocks #3342,Blocks #3775
5425	gr-osmosdr	Bug	New	High	Problem receiving samples using dual receivers with BladeRF		01/29/2022 04:22 AM	
6032	rtl-sdr	Bug	New	Normal	Poor APRS demodulation using RTL_FM on RaspberryPI or on old PC		05/15/2023 12:14 PM	
5460	gr-osmosdr	Bug	New	Normal	Please use double for ppm with fcdp/pp		02/17/2022 10:43 PM	
5445	gr-osmosdr	Bug	New	Normal	Please switch to the gr-funcube		02/15/2022 11:56 PM	
5031	OsmoSDR	Bug	New	Normal	Please switch to gr-funcube		06/17/2021 09:23 AM	
4513	rtl-sdr	Bug	New	Normal	PKG information broken		04/26/2020 03:21 PM	

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