

## 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	
6193	Retronetworking	Support	New	Low	Replace "event rack" PM3 power supply	laforge	09/27/2023 12:19 PM	
4080	rtl-sdr	Support	New	Normal	Receiving UTAs on 978 Mhz		07/02/2019 12:08 PM	
4471	OsmocomBB	Support	New	Normal	Received FTMT00L from phone, ramloader has aborted		03/29/2020 11:18 AM	
2764	SDR (Software Defined Radio)	Support	New	Normal	osmocom_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	
4225	OP25	Support	New	Normal	Missing rules in cmake lists?	2CS350	10/12/2019 02:49 PM	
2677	libosmocore	Support	New	Normal	Make stat_item available over ctrl interface		09/04/2019 09:21 AM	Related to #2676
4593	OP25	Support	New	Normal	Link to samples on the wiki is dead	matt	06/07/2020 06:53 PM	
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.msisdn, smpp.sms.123.msisdn		08/31/2020 11:10 AM	
4621	OsmoBSC	Support	New	Normal	feedback: osmo-bsc modifies the LAI in LU Accept messages, and the MM info data	neels	02/06/2021 09:50 AM	
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	
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	
2504	OsmoGSMTester	Support	New	Normal	check whether running osmo-* from docker images is feasible on osmo-gsm-tester		04/06/2020 11:28 AM	
3512	gr-osmosdr	Support	New	Normal	Bug #3462 on Arch Linux; gr-osmosdr install fails	horiz0n	01/26/2019 06:10 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	
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	

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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
6416	E1/T1 Hardware Interface (including icE1usb)	Support	Feedback	Normal	Serial debug tty port speed	plassberg	05/01/2024 07:13 AM	
6153	OsmoHNodeB	Support	Feedback	Normal	List of supported FemtoCell	Kira	08/28/2023 02:24 PM	
4333	Cellular Network Infrastructure	Support	Feedback	Normal	GSUP binary compatibility: add GSUP protocol version IE?		12/16/2019 01:56 PM	Related to #4333,Related to #4333,Related to #4333
4534	Ericsson RBS 6xxx	Support	Stalled	Normal	Take pictures of RBS6k gear for documentation	roh	05/20/2020 03:19 PM	
3863	OsmoBTS	Support	Stalled	Normal	setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb		12/01/2019 10:52 AM	
2497	OsmoGSMTester	Support	Stalled	Normal	Set up SIM cards with auth algo other than comp128v1	daniel	10/15/2019 11:44 AM	Related to #2475
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
1627	OsmocomBB	Support	Stalled	Low	DCS_8BIT and DCS_UCS2 encoding supprot		07/16/2018 06:53 PM	
4365	OsmoTRX	Support	Stalled	Normal	Create testsuite to test osmo-bts-trx+osmo-trx under high channel load	dexter	09/03/2020 10:33 AM	Related to #4366
5045	Cellular Network Infrastructure	Feature	New	Normal	write libversion "major" on build files automatically based on LIBVERSION	pespin	02/24/2021 01:14 PM	
6218	Retronetworking	Feature	New	Normal	write article/report on EWSD rescue for IGHFT / Fernmeldemuseum Dresden	laforge	10/17/2023 02:11 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	
6194	Retronetworking	Feature	New	Low	wiki page on MultiTech MT5600-BL	laforge	09/27/2023 12:46 PM	
6195	Retronetworking	Feature	New	Low	Wiki page on Cisco *WIC-* line cards for 26xx/28xx series	laforge	10/08/2023 07:33 AM	
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	vty 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

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6348	OsmocomBB	Feature	New	Normal	virtphy: add Circuit Switched Data (CSD) support		01/26/2024 10:03 PM	Related to #6348
6392	Osmocom Conferences (OsmoDevCon, OsmoCon, OsmoDevCall)	Feature	New	Normal	video recording / c3voc at OsmoDevCon 2024	laforge	03/06/2024 12:08 PM	
3165	OsmoMSC	Feature	New	Low	Verify LU Request's LAI	osmith	07/18/2019 05:48 AM	Related to #3164
2801	linmodem	Feature	New	Normal	V.90 completion		01/01/2018 12:18 PM	
5143	Osmocom Analog	Feature	New	Low	Using ADALM PLUTO SDR with osmocom-analog	jolly	05/05/2021 05:01 PM	
5012	osmo-uecups	Feature	New	Low	use osmo-uecups from GGSN_Tests.ttcn	pespin	02/06/2021 10:02 AM	Related to #5012
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 libfftw3 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	
4103	libosmocore	Feature	New	Low	TUAK support as per 3GPP TS 35.231		03/24/2021 12:33 PM	
3505	OsmoBSC	Feature	New	Normal	ttcn3: test inter-BSC HO with encryption enabled	neels	08/28/2018 06:38 PM	Related to #3505
4033	OsmoGGSN (former OpenGGSN)	Feature	New	Normal	ttcn3-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	

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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
3666	OsmocomBB	Feature	New	Normal	trxcon: Introduce VTY interface	fixeria	02/26/2020 02:43 PM	Related to #3667
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	
5633	osmo-clock-gen	Feature	New	Normal	towards a first osmo-clock-gen production batch	laforge	07/26/2022 12:39 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	
5127	pySim	Feature	New	Normal	tool for "re-formatting" [systemcom] cards in tester	laforge	10/14/2021 07:16 PM	Related to #5127
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	
4010	OsmoBSC	Feature	New	Low	Test RSL CHAN ACT related details for different scenarios	neels	02/06/2021 10:04 AM	Related to #4010,Related to #4010
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	
6242	Core testing infrastructure	Feature	New	Normal	Test eUPF against ttcn3-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	
5279	OsmoMGW	Feature	New	Normal	systemd service / unit for multiple osmo-mgw on one machine	osmith	10/25/2021 11:41 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	

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2651	OsmoMGW	Feature	New	Low	Support MGCP Piggybacking		11/18/2017 05:44 PM	
3586	OsmoBSC	Feature	New	Normal	support LCLS for inter-BSC handover	neels	01/17/2019 04:18 PM	Related to #3586,Related to #3659
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
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
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
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	
4105	libosmocore	Feature	New	Normal	Support for LTE key derivation functions	laforge	07/13/2019 02:07 AM	Related to #4105
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	
1509	UmTRX	Feature	New	Normal	Store calibration values in EEPROM	ipse	02/21/2016 04:47 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
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	

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4495	IMSI Pseudonymization	Feature	New	Normal	Specification: More references	neels	05/27/2020 01:11 PM	
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	
4493	IMSI Pseudonymization	Feature	New	Normal	Specification: Cover 2G, 3G and 4G separately	neels	05/27/2020 01:11 PM	
4494	IMSI Pseudonymization	Feature	New	Normal	Specification: Add bibliography	neels	05/27/2020 01:11 PM	
1457	SIMtrace 2	Feature	New	Low	Spacing between JTAG and JP1/JP2	mschramm	09/13/2018 07:07 PM	
1511	UmTRX	Feature	New	Normal	Solve Tx and Rx I/Q imbalance for wideband signals		02/19/2016 10:52 PM	
2799	linmodem	Feature	New	Normal	SIP client support		01/01/2020 08:05 PM	
5805	SIMtrace 2	Feature	New	Normal	SIM Trace 2 Build for Windows	jelson_simEng	04/02/2023 09:56 AM	
5481	Open Source IMS Client	Feature	New	Urgent	SIM card interface for doubango	laforge	03/25/2022 11:00 AM	Related to #5482
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	
5291	rtl-sdr	Feature	New	Normal	Ship the udev rules upstream	steve-m	11/05/2021 11:04 AM	
4433	OsmoGGSN (former OpenGGSN)	Feature	New	Normal	sgsnemu: Add support for IPv4v6 EUAs		03/04/2020 10:44 AM	
4341	BBS-Revival	Feature	New	Normal	setup for telnet access to legacy BBS software which doesn't have telnet/tcp support	laforge	10/03/2022 12:09 PM	
4458	Core testing infrastructure	Feature	New	Low	Set up a STF (Smartphone Testing Farm)		03/18/2020 02:44 PM	
5885	OCTOI - Osmocom Community TDM over IP	Feature	New	Low	set up a second GPS03 + icE1usb setup	laforge	01/31/2023 08:05 PM	Related to #5885
1527	OsmoPCU	Feature	New	Low	Set correct values of the puncturing scheme and the retransmission flag	pespin	02/08/2021 07:10 PM	
5771	Cellular Network Infrastructure	Feature	New	Normal	series of presentations about the individual CN1 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	
1598	Cellular Network Infrastructure	Feature	New	Low	Scripting language interface		12/10/2017 08:04 PM	
2623	Cellular Network Infrastructure	Feature	New	High	SCCP/M3UA: detect restart of osmo-msc and osmo-sgsn	neels	02/07/2021 12:55 PM	Related to #3403,Related to #4701
6244	Retronetworking	Feature	New	Low	scan more/all EWS(O) documentation laforge has	laforge	11/01/2023 09:50 PM	

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3977	OsmoCBC	Feature	New	High	SABP stream delineation routines	laforge	09/23/2019 04:49 AM	Related to #3979,Related to #4944
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	
3597	gr-osmosdr	Feature	New	Low	rtl: send final samples when device is lost	horiz0n	07/18/2019 05:35 AM	
5710	E1/T1 Hardware Interface (including icE1usb)	Feature	New	Normal	rs422: Merge as much of the gateway in master as possible	tnt	10/13/2022 06:53 PM	Related to #5710
5709	E1/T1 Hardware Interface (including icE1usb)	Feature	New	Normal	rs422: Merge as much of the firmware into master to avoid separate branch	tnt	10/13/2022 06:49 PM	Related to #5709
2405	OsmoPCU	Feature	New	Low	RLC/MAC encoding routines don't use bitvec L/H		07/29/2017 09:01 AM	
3315	rtl-sdr	Feature	New	Normal	review and possibly apply patches from debian package	steve-m	06/03/2018 01:17 PM	
5768	Retronetworking	Feature	New	Normal	retronetworking logo / artwork		04/07/2024 10:40 PM	
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	
3885	osmo-remsim	Feature	New	Normal	remsim-server should expose status information	laforge	04/01/2019 07:23 PM	Precedes #3885
3887	osmo-remsim	Feature	New	Low	remsim-client: allow for local handling of APDUs	laforge	12/03/2019 12:20 AM	
5859	OsmoTRX	Feature	New	Normal	remove non-neon and non-sse support	Hoernchen	01/16/2023 10:17 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	
2554	Cellular Network Infrastructure	Feature	New	Low	Reference/Demo setup + documentation for use of OsmoBSC+OsmoBSCNAT with OSMUX	pespin	06/08/2020 07:07 PM	Related to #2553,Related to #2552,Related to #2551,Related to #2554
6104	pySim	Feature	New	Low	reduce number of python dependencies		07/20/2023 04:28 PM	
1975	Cellular Network Infrastructure	Feature	New	Low	Redesigned configuration management / MIB	laforge	02/16/2021 05:59 PM	
3884	osmo-remsim	Feature	New	Normal	redesign bankd thread architecture	laforge	05/08/2019 03:31 PM	Related to #5527,Precedes #3885,Precedes #3886
33	OsmoSGSN	Feature	New	Low	real LLC implementation with fragmentation and re-transmissions		11/09/2016 09:45 AM	

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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
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
5976	pySim	Feature	New	Low	pySim-prog: do not program linked files multiple times	dexter	03/27/2023 04:05 PM	
6219	Retronetworking	Feature	New	Normal	Publish pics/videos for EWSD rescue/move	laforge	10/17/2023 02:10 PM	
6319	Osmo-CC	Feature	New	Normal	protocol version should have a defined end marker	neels	01/10/2024 01:31 PM	
1643	OsmoHLR	Feature	New	Low	programmatic access to new asynchronous external HLR		12/10/2017 08:06 PM	Related to #1643,Blocks #1643
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
6150	OsmoPCU	Feature	New	Normal	PCUIF: Use unique identifiers instead of the TLLI as msg_id.	dexter	10/24/2023 03:15 PM	
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	
4091	Cellular Network Infrastructure	Feature	New	Normal	Osmux: Make sure all handover types work fine if a call leg is using Osmux between BSC and MSC.	pespin	06/08/2020 07:08 PM	
4092	OsmoMGW	Feature	New	Normal	Osmux: Support dynamic allocation of osmux sockets	pespin	08/10/2022 07:50 AM	Related to #4092
2878	OsmoMSC	Feature	New	Low	OsmoMSC support for "Follow-on request/proceed"		01/26/2018 09:11 PM	
2788	OsmoMSC	Feature	New	Normal	OsmoMSC should handle CM Service Abort message	neels	01/04/2018 10:37 AM	



#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4477	IMSI Pseudonymization	Feature	New	Normal	OsmoHLR: send next pseudo IMSI via SMS		04/16/2020 08:45 AM	Blocks #4477,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 libosmocom logging system		10/05/2018 04:21 PM	
6327	Cellular Network Infrastructure	Feature	New	Low	Osmocom-build-tags-against-master job builds very basic configurations	osmith	01/11/2024 08:17 PM	
3847	Miscellaneous Projects	Feature	New	Normal	Osmocom logo with/for black background	tsaitgaist	12/10/2019 11:53 AM	
4971	Osmocom Analog	Feature	New	Low	OsmoCC Socket Documentation	jolly	10/18/2023 02:49 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
3962	OsmoTRX	Feature	New	Low	osmo-trx: Use gcc attribute no_sanitize to run fine with ASan enabled		08/26/2019 02:04 PM	
5228	OsmoTRX	Feature	New	Low	osmo-trx: Missing unit tests for computeCI() and computeEdgeCI()	Hoernchen	11/07/2022 06:23 PM	
2430	OsmoTRX	Feature	New	Low	osmo-trx support bladerf		02/14/2023 01:39 PM	Is duplicate of #2430,Is duplicate of #2430
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	
5827	OsmoPCU	Feature	New	Normal	osmo-pcu: Hardcoded limit of maximum number of 8 TRX per BTS	pespin	12/16/2022 11:55 AM	
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	
4065	OsmoMSC	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
2601	libosmo-sccp + libosmo-sigtran	Feature	New	Low	osmo-msc still needs libosmo-sccp-dev for SCCP CAUSE definitions	laforge	02/13/2021 06:07 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
4406	OsmoGSMTester	Feature	New	Low	osmo-gsm-tester: Support setting auth_algo milenage or similar on osmocom software and filling HLR parameters like OPC	pespin	03/31/2023 03:26 PM	Related to #4407

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4502	OsmoGSMTester	Feature	New	Low	osmo-gsm-tester: support gpio controlled step attenuators of the LTHW main unit	pespin	03/31/2023 03:28 PM	
3234	OsmoGSMTester	Feature	New	Low	osmo-gsm-tester: poll the python-smpplib socket using non-busy approach	pespin	03/31/2023 03:28 PM	Related to #2512
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
4808	OsmoGSMTester	Feature	New	Low	osmo-gsm-tester: Add test setup to verify baseband frequency hopping	pespin	03/31/2023 03:25 PM	
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	
2860	OsmoGSMTester	Feature	New	Low	osmo-gsm-tester: Add 3g support with nano3G board	pespin	03/31/2023 03:26 PM	Related to #2860
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
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	
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
3872	OsmoBSC	Feature	New	Normal	osmo_scu_prim.conn_id should be picked from a distinct number space for outgoing and incoming N-CONNECT	osmith	03/28/2019 08:06 PM	Blocks #3872

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4762	osmo-sip-connector	Feature	New	Low	Osmo Analog Support		09/25/2020 07:31 AM	Related to #4763
5507	libosmocore	Feature	New	Normal	Optimize reset time after SGSN is restarted	lynxis	03/31/2022 12:33 PM	
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
3802	gr-osmosdr	Feature	New	Normal	New release	horiz0n	02/15/2019 07:22 AM	
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
1568	OsmoBTS	Feature	New	Low	Move various code bits to libosmocore	fixeria	07/18/2019 06:08 AM	
1506	UmTRX	Feature	New	Normal	Move to the latest stable UHD	ipse	02/21/2016 04:47 PM	
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	
2815	linmodem	Feature	New	Normal	modern ptmx / pty handling (UNIX 98)		01/01/2018 02:48 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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
5025	OsmoBTS	Feature	New	Normal	Missing TTCN-3 coverage for the Timing Advance loop	fixeria	07/02/2021 04:28 PM	
6051	OsmoHNBGW	Feature	New	Low	misnomer in internal SCCP functions	neels	07/06/2023 08:26 PM	
4638	Altair LTE Modems	Feature	New	Normal	Mikrotik R11e-4G mtd dump		06/13/2021 10:15 AM	
3371	SIMtrace 2	Feature	New	Normal	migrate to use arm-none-eabi build of libosmocore.git	laforge	08/09/2018 12:14 PM	
4840	Core testing infrastructure	Feature	New	Low	migrate osmo-gsm-tester docker images to registry.osmocom.org	pespin	11/02/2020 05:13 PM	Related to #4840
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	
3210	osmo-fl2k	Feature	New	Low	man pages	steve-m	04/24/2018 08:55 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	
5614	osmo-remsim	Feature	New	Normal	log also application-level errors	laforge	07/11/2022 08:09 PM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3747	UmTRX	Feature	New	Normal	LMS6002D RX Gain Control	ipse	01/08/2019 09:46 AM	
1504	UmTRX	Feature	New	Normal	LMS6002 phase error increases when Rx is enabled and varies with temperature	ttsou	02/19/2016 10:52 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	
3522	libosmocore	Feature	New	Low	libosmocoding: move TCH ordering functions to libosmocodec and share them	fixeria	09/04/2018 08:49 PM	
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	
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	
4498	osmo-uecups	Feature	New	Normal	IPv6 neighbor discovery	laforge	04/17/2020 08:33 AM	
6137	OsmoHNBGW	Feature	New	Normal	ip.access Nano3G	lynxis	10/21/2023 07:24 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
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
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	
3656	OsmoBSC	Feature	New	Normal	inter-BSC handover outgoing: compose Cell Identifier List from several ARFCN+BSIC	neels	06/08/2020 07:08 PM	Related to #3656
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	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4678	osmo-clock-gen	Feature	New	Low	Increase mounting hole size to support M3 screws	mschramm	07/25/2020 08:43 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	
1460	SIMtrace 2	Feature	New	Normal	include some version information / negotiation in the USB protocol	laforge	12/06/2019 01:39 PM	Related to #1461,Related to #4041
3414	gr-osmosdr	Feature	New	Normal	Include Airspy serial number in connection string.	horiz0n	07/24/2018 04:52 AM	
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	
2724	OsmoBSC	Feature	New	Normal	Improve default timers	laforge	01/04/2018 11:06 AM	Related to #2724
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	
1507	UmTRX	Feature	New	High	Implement UmSEL tuner control	ipse	02/21/2016 04:47 PM	
1508	UmTRX	Feature	New	High	Implement UmSEL diversity switch control	ipse	02/21/2016 04:47 PM	
5283	OsmoTRX	Feature	New	Normal	Implement TRXDv2 support	fixeria	10/27/2021 10:35 PM	Related to #5283
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	
2394	OsmoHNBGW	Feature	New	Low	Implement SABP (Service Area Broadcast Protocol)	laforge	12/30/2020 01:19 AM	Related to #2392,Related to #3979
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3714	Cellular Network Infrastructure	Feature	New	Low	implement Internal Handover With MSC Support	neels	02/06/2021 02:04 PM	Related to #3714
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	
4496	osmo-uecups	Feature	New	Low	implement filters for sharing as single tun device between multiple bearers	laforge	04/17/2020 08:31 AM	
6086	pySim	Feature	New	Low	implement features of sysmo-{usim, isim}-tool	laforge	07/13/2023 04:09 AM	
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.tcn (BSC-Tests)		01/08/2020 10:21 PM	
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	
4810	osmo-clock-conv	Feature	New	Normal	horizontal DC input on rear side of PCB	mschramm	10/15/2020 10:53 PM	
5867	OsmoHNBGW	Feature	New	Normal	HNBGW_Tests.tcn should do HNBAP UE Register and De-Register tests		01/21/2023 02:30 AM	
5904	OsmoHNBGW	Feature	New	Normal	HNBAP Register Request handling does checks that seem to make no sense	neels	09/01/2023 05:00 AM	
2840	OsmoHLR	Feature	New	Low	HLR should allow 2g-only or 3g-only subscribers	neels	10/28/2020 09:22 PM	
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
2356	OsmoBTS	Feature	New	Low	have per-SAPI logging in OsmoBTS DL1P / DL1C	osmith	03/19/2020 08:06 PM	Related to #2355
2584	Cellular Network Infrastructure	Feature	New	Low	Have "osmo-network-check" to verify "Network In The Box" setup	neels	10/05/2018 04:20 PM	Related to #2618
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
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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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	
3483	OsmoBSC	Feature	New	Normal	handover decision: if rxlev is ok but rxqual is bad, move from TCH/H to TCH/F	neels	10/16/2018 01:53 PM	Related to #3483
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
2795	OsmoMSC	Feature	New	Normal	Handle UTRAN_CLSM_CHG in MSC	neels	04/30/2018 12:06 PM	Related to #3043
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
6445	libosmocore	Feature	New	Normal	GSMTAP version 3		05/04/2024 02:13 PM	
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	
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	



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1596	Cellular Network Infrastructure	Feature	New	Low	Generation of accounting/billing data		12/10/2017 08:03 PM	
3386	Cellular Network Infrastructure	Feature	New	Low	Generate man pages at build time from adoc files	osmith	05/11/2023 11:24 AM	Precedes #3386
1558	OsmoPCU	Feature	New	Low	Generate BSSGP LLC Discarded messages on TBF/MS free	osmith	02/13/2021 05:44 PM	Related to #4847
3227	Cellular Network Infrastructure	Feature	New	Normal	general idea: separate GSUP spec document	roh	12/01/2019 09:26 AM	Is duplicate of #3227
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
4521	osmo-gbproxy	Feature	New	Normal	gbproxy: Redundancy between NS-VCs (SGSN Side)	laforge	01/19/2021 05:24 PM	Related to #4959
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	
5730	OsmoMGW	Feature	New	Low	Fax over GSM support	manawyrn	10/16/2023 08:53 PM	Precedes #5730
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	
3886	osmo-remsim	Feature	New	Normal	expose ICCID or even IMSI of all cards on remsim-server	laforge	05/08/2019 03:31 PM	Precedes #3886
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	
4356	libosmo-sccp + libosmo-sigtran	Feature	New	Low	execute sccp_demo_user server+client against each other in some test suite	pespin	01/10/2020 12:23 PM	Related to #4356
5855	Retronetworking	Feature	New	Normal	Establishing a German non-profit for retronetworking	laforge	01/13/2023 11:59 AM	
5586	OsmoBSC	Feature	New	Normal	Ericsson RBS could recover Unlocked state without osmo-bsc restart		06/21/2022 10:23 PM	Related to #5983
5442	OCTOI - Osmocom Community TDM over IP	Feature	New	Normal	ensure sequence number covers longer duration than default PRI LOS timer	laforge	02/06/2022 08:16 AM	

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5002	M.2 (NGFF) WWAN modem USB breakout board	Feature	New	Normal	Ensure current return paths via M.2 connector are sufficient	mschramm	03/23/2021 06:48 PM	
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	
3628	Cellular Network Infrastructure	Feature	New	Low	document nanoBTS calibration procedure using ipaccess-config tool	fixeria	02/06/2021 02:03 PM	Related to #3628
4415	OsmoGGSN (former OpenGGSN)	Feature	New	Normal	Document in OsmoGGSN User Manual the IPv6 allocation process over GTP		02/25/2020 03:05 PM	
5740	OsmoBSC	Feature	New	Low	Disallow unworkable AMR modes.	keith	11/08/2022 05:15 PM	
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	
3636	OsmoMSC	Feature	New	Normal	detailed call statistics (with rate counters)	osmith	10/08/2018 11:14 AM	Related to #3636
3285	OsmoPCU	Feature	New	Normal	design + implement tools to analyze inter-PCU cell changes	daniel	02/06/2021 11:12 AM	Related to #3284
6237	Retronetworking	Feature	New	Low	Design + Build PCBA for NE555 based fake fan rpm sensor	laforge	10/30/2023 01:38 AM	
4376	Cellular Network Infrastructure	Feature	New	Normal	Define distinct X timer numbers across all osmo programs		01/23/2020 09:21 PM	
6265	pySim	Feature	New	Normal	decode numeric SW in case of errors	dexter	12/11/2023 01:01 PM	
5128	Core testing infrastructure	Feature	New	Low	dec_RlcMacDlCtrlBlock: Get rid of annoying warning about remaining padding		12/09/2021 09:14 PM	
4109	Cellular Network Infrastructure	Feature	New	Low	debian-repo-install-test: start a virtual MS and perform a LU	osmith	11/29/2019 10:39 AM	Related to #4109
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	
3672	Osmocom Analog	Feature	New	Normal	Custom announcement and tones	jolly	02/01/2021 10:25 AM	

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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	
5466	OsmocomBB	Feature	New	Normal	CP2102N evaluation for burst_ind baudrate	laforge	02/22/2022 07:17 PM	
5446	Cellular Network Infrastructure	Feature	New	Normal	correlate git version to ttcn3 tests		02/07/2022 09:40 PM	Related to #5446
3521	libosmocore	Feature	New	Normal	core/utlis: engineering notation helpers	fixeria	09/04/2018 08:32 PM	
4336	OsmoMSC	Feature	New	Normal	Convert vlr_lu_fsm.c to use osmo_tdef (and drop vlr_timer())		01/02/2020 05:32 PM	Related to #4337
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	
6085	OsmoHNBGW	Feature	New	Low	context_map_sccp.c parrots states/events that the SCCP-SCOC FSM already handles	neels	10/18/2023 03:31 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	
1623	OsmoSMSC	Feature	New	Normal	Configure delivery report for the SMPP delivery links	zecke	02/24/2016 01:49 PM	
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	
1510	UmTRX	Feature	New	High	Complete UHD integration	ipse	02/21/2016 04:47 PM	

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6245	OCTOI - Osmocom Community TDM over IP	Feature	New	Low	co-locate cisco 2811 ITP/STP in data center	laforge	11/06/2023 01:46 PM	
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
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
1911	SIMtrace 2	Feature	New	Normal	check if we can have an enclosed version of simtrace v2	tsaitgaist	09/13/2018 12:40 PM	
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	
5403	OsmoMSC	Feature	New	Normal	Can't connect Call from 2G to 4G network	laforge	01/14/2022 10:41 PM	
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	Buid! 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

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5758	OsmoDia2GSUP	Feature	New	Normal	bring osmo_dia2gsup to production quality	lynxis	03/30/2023 08:13 PM	
5436	OCTOI - Osmocom Community TDM over IP	Feature	New	Low	BRI variant of OCTOI protocol	laforge	01/30/2023 06:49 PM	Related to #5436
5437	OCTOI - Osmocom Community TDM over IP	Feature	New	Low	brainstorm about making protocol even more efficient	laforge	01/30/2022 01:45 PM	
6401	libosmocore	Feature	New	Low	benchmark batching io_uring operations		03/14/2024 08:10 AM	
5865	OsmoHLR	Feature	New	Low	Automate selection of LU Reject Cause		02/16/2023 10:36 AM	
1837	OsmoBTS	Feature	New	Low	autogenerate dtx_dl_amr_fsm.*		03/01/2018 11:17 PM	
5429	OCTOI - Osmocom Community TDM over IP	Feature	New	Normal	authentication in TDMoIP protocol	laforge	11/07/2022 05:29 PM	
1530	OsmoPCU	Feature	New	Low	Assign same TFI number in downlink/uplink		01/26/2020 08:50 AM	
5947	Retrocomputing	Feature	New	Low	Assemble PC104-SVGA	laforge	03/15/2023 09:29 AM	
5936	Retrocomputing	Feature	New	Low	Assemble netpi-ide	laforge	03/02/2023 09:25 PM	
5940	Retrocomputing	Feature	New	Low	Assemble LPT_Capture	laforge	03/15/2023 09:06 AM	
5932	Retrocomputing	Feature	New	Low	assemble ISA-USB	laforge	03/02/2023 09:25 PM	
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	

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