

## all-by-project

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
<b>cellmgr-ng (1)</b>									
1664	cellmgr-ng		Bug	New	Normal	m3ua connection should make non-blocking connect	zecke	03/17/2016 10:37 AM	
<b>Cellular Modem Information (1)</b>									
3658	Cellular Modem Information		Feature	New	Normal	Create a "osmocom-bb-host-latest" docker container		10/16/2018 02:11 PM	Related to #3658
<b>Cellular Network Infrastructure (69)</b>									
4139	Cellular Network Infrastructure		Bug	New	Normal	"make pdf" target exists, but does nothing	osmith	08/02/2019 08:42 AM	
3794	Cellular Network Infrastructure		Bug	In Progress	High	'make install' overwrites \$prefix/etc/osmocom/*.cfg	osmith	07/30/2019 08:50 AM	
3477	Cellular Network Infrastructure		Feature	New	Normal	add a wiki page explaining interconnection between components across several machines		09/04/2019 09:21 AM	
4063	Cellular Network Infrastructure		Feature	New	Normal	Add current version information to the VTY reference manuals		06/19/2019 09:51 AM	
2451	Cellular Network Infrastructure		Feature	New	Low	Add static builds to jenkins jobs	osmith	09/30/2018 08:18 AM	
2728	Cellular Network Infrastructure		Bug	Stalled	Normal	Align better with 48.103 for AoIP user plane (AMR marker bit for frame following ONSET)		09/04/2019 09:34 AM	Related to #3798
4227	Cellular Network Infrastructure		Bug	In Progress	High	all package builds for Debian testing and unstable fail	laforge	10/15/2019 11:42 AM	
2599	Cellular Network Infrastructure		Feature	New	Low	automatically determine unit test coverage		09/30/2018 08:20 AM	Is duplicate of #1987
3167	Cellular Network Infrastructure		Bug	New	Low	Build osmo-*-master docker containers with address sanitizer	osmith	07/18/2019 05:22 AM	Related to #3167
3229	Cellular Network Infrastructure		Feature	New	Low	build-system: jenkins.sh: Improve debian package generation test coverage during gerrit submission	sysmocom	05/08/2019 02:36 PM	Related to #3228
1863	Cellular Network Infrastructure		Feature	New	Low	check max_power_red vty command	osmith	09/30/2018 11:47 AM	
2011	Cellular Network Infrastructure		Feature	New	Low	clean-up / merge IPA (and IPA CCM) code of libosmocore, libosmo-abis, libosmo-netif, openbsc, etc.		04/15/2017 12:54 PM	
3541	Cellular Network Infrastructure		Bug	New	Normal	Conflicting Debian packages: python3-osmopy-utils and osmocom-nitb	osmith	09/30/2018 11:53 AM	Related to #3541
3567	Cellular Network Infrastructure		Bug	New	Low	coverity: move the secret token out of \$HOME/osmo-ci/..	lynxis	07/18/2019 05:22 AM	
4246	Cellular Network Infrastructure		Bug	New	Low	Debian testing/unstable fails to build osmocom due to python-nwdiag -> python3-nwdiag transitio	osmith	11/05/2019 02:01 AM	

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4109	Cellular Network Infrastructure		Feature	New	Low	debian-repo-install-test: start a virtual MS and perform a LU	osmith	07/16/2019 12:36 PM	Related to #4109
3628	Cellular Network Infrastructure		Feature	New	Low	document nanoBTS calibration procedure using ipaccess-config tool	laforge	01/14/2019 03:36 PM	Related to #3628
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	
1652	Cellular Network Infrastructure		Bug	New	Normal	Expose statistics / KPIs programmatically		03/10/2017 09:35 PM	Related to #1652,Related to #1652,Related to #1652,Related to #1766
1590	Cellular Network Infrastructure		Feature	New	Low	Extension of Control Interface / external SNMP agent		07/18/2019 05:22 AM	
3694	Cellular Network Infrastructure		Bug	New	Low	Fix lintian warnings in .deb packages		07/18/2019 05:20 AM	Related to #3699
3142	Cellular Network Infrastructure		Feature	New	Low	Further simplification of "NITB like" setups	Osmocom CNI Developers	04/05/2018 08:09 PM	
4123	Cellular Network Infrastructure		Bug	Stalled	Normal	gcc & LTO related issues	Hoernchen	07/22/2019 04:46 PM	Related to #4123,Related to #4123,Related to #4123,Related to #4123
3227	Cellular Network Infrastructure		Feature	New	Normal	general idea: separate GSUP spec document	roh	07/17/2019 07:50 PM	Is duplicate of #3227
3386	Cellular Network Infrastructure		Feature	New	Normal	Generate man pages at build time from adoc files	osmith	11/15/2018 09:42 AM	Precedes #3386
1596	Cellular Network Infrastructure		Feature	New	Low	Generation of accounting/billing data		12/10/2017 08:03 PM	
2604	Cellular Network Infrastructure		Feature	In Progress	High	GSUP-to-DIAMETER converter / IWF	laforge	08/29/2019 03:10 PM	
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
4132	Cellular Network Infrastructure		Feature	New	Low	idea: osmo-gsm-manuals: use asciidoctor-pdf instead of a2x	osmith	07/29/2019 07:38 AM	
4198	Cellular Network Infrastructure		Support	New	Low	Ignoring TX data, transceiver offline.		09/13/2019 05:46 PM	
3714	Cellular Network Infrastructure		Feature	New	Low	implement Internal Handover With MSC Support		05/08/2019 11:57 AM	Related to #3714
4069	Cellular Network Infrastructure		Bug	New	Normal	Implement IPA PING/PONG mechanism everywhere	Hoernchen	06/21/2019 02:44 PM	Related to #4072

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3382	Cellular Network Infrastructure		Bug	New	Normal	Investigate and fix lintian issues listed by Debian Lintian Report	osmith	09/01/2018 08:40 PM	
3725	Cellular Network Infrastructure		Bug	Stalled	Normal	Jenkins isn't using the credentials store for uploading to rita.osmocom.org	osmith	02/01/2019 10:39 AM	Related to #3725,Related to #3725,Related to #3726,Related to #3772
3192	Cellular Network Infrastructure		Bug	New	Normal	meas_vis: use the lchan identity as primary key, not the IMSI	laforge	05/08/2019 02:37 PM	Related to #3192,Related to #3192
3699	Cellular Network Infrastructure		Feature	New	Normal	merge Debian patches	Hoernchen	07/16/2019 08:00 PM	Related to #3699,Related to #3753
2819	Cellular Network Infrastructure		Feature	New	Low	migrate to python3		07/18/2019 05:22 AM	
1612	Cellular Network Infrastructure		Bug	New	Low	more configuration consistency checking	sysmocom	09/30/2018 11:48 AM	
3772	Cellular Network Infrastructure		Bug	In Progress	Normal	new build host toc-deb9build: failure to push manuals	laforge	02/01/2019 09:21 AM	Related to #3772
4141	Cellular Network Infrastructure		Bug	New	Normal	No osmux specific code in place during codec negotiation	sysmocom	08/05/2019 03:57 PM	
4108	Cellular Network Infrastructure		Bug	New	Low	osmo-ctrl2cgi, osmo-trap2cgi: missing default configs		07/16/2019 12:30 PM	Related to #4108
3982	Cellular Network Infrastructure		Feature	New	Low	osmo-depcheck.py: set dependency hashes on command line	osmith	05/08/2019 11:51 AM	
1921	Cellular Network Infrastructure		Bug	New	Normal	osmo-gsm-manuals: Purge-MS operation doc error?	daniel	03/16/2018 07:55 PM	
4131	Cellular Network Infrastructure		Bug	In Progress	Low	osmo-gsm-manuals: Use leveloffset attribute on common documents	osmith	08/02/2019 09:54 AM	Related to #4140
2791	Cellular Network Infrastructure		Bug	New	Normal	osmo-python-tests: osmo_ctrl.py: there is no argument to get the list of available stats	lynxis	05/08/2019 02:43 PM	
1967	Cellular Network Infrastructure		Bug	New	Low	osmo-sim-auth: NoneType exception with AUTN generated from OP	dexter	01/23/2019 02:57 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	07/05/2019 02:10 PM	
2537	Cellular Network Infrastructure		Feature	Stalled	Normal	package wireshark with osmocom patches	pespin	08/17/2018 09:15 AM	
1975	Cellular Network Infrastructure		Feature	New	Low	Redesigned configuration management / MIB	laforge	09/17/2019 05:51 PM	

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2554	Cellular Network Infrastructure		Feature	New	Low	Reference/Demo setup + documentation for use of OsmoBSC+OsmoBSCNAT with OSMUX	pespin	07/18/2019 05:22 AM	Related to #2553,Related to #2552,Related to #2551,Related to #2554
4044	Cellular Network Infrastructure		Feature	Stalled	Normal	regenerate vty reference during release process	osmith	07/16/2019 01:52 PM	Related to #4044,Related to #4053,Related to #4073
1719	Cellular Network Infrastructure		Support	Stalled	High	review different 'getting started' guides in the wiki and unify/update them	daniel	03/27/2018 01:40 PM	Related to #1719
2623	Cellular Network Infrastructure		Feature	New	Urgent	SCCP/M3UA: detect restart of osmo-msc and osmo-sgsn	laforge	07/18/2019 05:18 AM	Related to #3403
1598	Cellular Network Infrastructure		Feature	New	Low	Scripting language interface		12/10/2017 08:04 PM	
2558	Cellular Network Infrastructure		Feature	Stalled	Normal	Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances		09/04/2019 09:22 AM	Related to #2557,Related to #2556,Related to #2555,Related to #2558,Blocks #2893
3417	Cellular Network Infrastructure		Bug	New	Normal	show asciidoc counters does not show all the counters available		09/04/2019 09:21 AM	Related to #3417
4107	Cellular Network Infrastructure		Feature	New	Normal	Start systemd services as non-root user	osmith	07/15/2019 06:56 AM	Related to #4107
2839	Cellular Network Infrastructure		Bug	New	Low	statistics split between 2G and 3G		07/18/2019 05:22 AM	
2620	Cellular Network Infrastructure		Bug	New	Urgent	Testing NITB Migration Guide	roh	05/08/2019 02:40 PM	Related to #2620
4086	Cellular Network Infrastructure		Support	New	Normal	Testing the 3G Osmocom Network without a Femto Cell		07/10/2019 09:15 PM	
4006	Cellular Network Infrastructure		Feature	Feedback	Urgent	TRX protocol: wind of change	fixeria	08/06/2019 11:49 AM	Related to #4006,Related to #4006,Related to #4006,Related to #4081,Blocks #3428
4073	Cellular Network Infrastructure		Feature	New	Normal	try to get counter and vty reference information at compile time	Hoernchen	07/03/2019 12:20 AM	Related to #4073
3670	Cellular Network Infrastructure		Feature	New	Low	TTCN-3 tests for statsd exporter code		09/04/2019 09:03 AM	
3660	Cellular Network Infrastructure		Bug	New	Normal	TTCN3 Jenkins jobs leave Docker containers running when stopped	osmith	10/11/2019 01:04 PM	

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2531	Cellular Network Infrastructure		Feature	New	Low	tweak TODO-RELEASE and LIBVERSION comments to match latest osmo-mgw edits	pespin	05/04/2018 12:05 PM	Related to #2531
3753	Cellular Network Infrastructure		Bug	New	Low	Update .deb to use dh_missing	sysmocom	07/18/2019 05:22 AM	Related to #3753
3127	Cellular Network Infrastructure		Bug	New	High	update the [[Osmocom Network In The Box]] wiki page	daniel	05/08/2019 02:37 PM	
4040	Cellular Network Infrastructure		Feature	New	Low	Use "COPY --from" in Dockerfiles to avoid cloning from scratch again and again	sysmocom	06/04/2019 09:49 AM	
2385	Cellular Network Infrastructure		Feature	New	Low	validate debian rules/control as part of jenkins build testing	osmith	09/30/2018 08:16 AM	

### Core testing infrastructure (3)

4203	Core testing infrastructure		Bug	New	Normal	Make ttcn3-bts-test(-latest) artifacts smaller	sysmocom	09/13/2019 11:18 AM	
4212	Core testing infrastructure		Feature	Feedback	Normal	TTCN3 docker containers: tell glibc to print segfault output to stderr	sysmocom	11/13/2019 04:09 PM	
4176	Core testing infrastructure		Bug	Feedback	Normal	ttcn3-sgsn: Sporadic failures since lu support introduced	laforge	08/27/2019 05:32 PM	

### E1/T1 Hardware Interface (8)

2484	E1/T1 Hardware Interface		Feature	Stalled	Low	Architecture of USB E1/T1/J1 adapter	laforge	05/30/2018 03:03 PM	Related to #3242,Related to #3237
3237	E1/T1 Hardware Interface		Feature	New	Normal	Come up with GPS-DO design for E1 Interface	vogelchr	06/01/2018 09:50 PM	Related to #3237,Related to #3272,Related to #3967
3967	E1/T1 Hardware Interface		Feature	New	Normal	design a custom board for the ICE40 E1 adapter		04/30/2019 09:34 AM	Related to #3967
3968	E1/T1 Hardware Interface		Feature	New	Normal	find enclosure for ICE40 E1 board		04/30/2019 09:41 AM	
3966	E1/T1 Hardware Interface		Feature	In Progress	Normal	finish the USB-E1 ICE40 prototype	tnt	04/30/2019 08:49 AM	
3965	E1/T1 Hardware Interface		Feature	In Progress	Normal	ICE40 based USB E1 adapter	tnt	04/30/2019 08:48 AM	Related to #3965,Related to #3965,Related to #3965
3260	E1/T1 Hardware Interface		Bug	New	High	Implement libosmo-abis input for new E1 interface	laforge	07/18/2019 05:34 AM	Related to #3965,Related to #3260
3272	E1/T1 Hardware Interface		Feature	New	Normal	next-generation osmo-e1-xcvr board	vogelchr	09/10/2018 11:22 AM	Related to #3272

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2805	FidoNet		Bug	New	Low	Create reproducible / semi-automatic way to create FidoNet node on Linux		07/18/2019 05:34 AM	
<b>gr-gsm (9)</b>									
3459	gr-gsm		Bug	New	High	apps/grgsm_trx: AssertionError: packet_info.packet_count == (seq_to_ack & 0xffff)	ptrkrysik	08/10/2018 07:58 AM	
3458	gr-gsm		Bug	Feedback	High	apps/grgsm_trx: [ERROR] [STREAMER] recv packet demuxer unexpected sid 0xXX		09/21/2018 10:12 AM	Related to #3692
4068	gr-gsm		Feature	New	Normal	Implement a GNU Radio block for frequency hopping	ptrkrysik	06/21/2019 11:40 AM	
3662	gr-gsm		Bug	New	Normal	not building on OSX 10.13.4		10/29/2018 08:52 AM	
3460	gr-gsm		Feature	New	Low	python/trx/radio_if.py: (re)implement 'dict_toggle_sign' block in C++		08/09/2018 08:18 PM	
3423	gr-gsm		Feature	Stalled	Normal	Receiver: hard-coded GSM 05.02 channel configuration	ptrkrysik	02/06/2019 10:00 AM	
3425	gr-gsm		Bug	New	Normal	Receiver: missing AGC (Automatic Gain Control)		07/26/2018 08:25 PM	
3422	gr-gsm		Bug	New	Normal	Receiver: sample / burst buffering problem	ptrkrysik	07/27/2018 07:56 PM	
3424	gr-gsm		Feature	New	Normal	Transceiver: implement automatic TX delay measurement	ptrkrysik	07/26/2018 08:22 PM	
<b>gr-osmosdr (19)</b>									
3512	gr-osmosdr		Support	New	Normal	Bug #3462 on Arch Linux; gr-osmosdr install fails	horiz0n	01/26/2019 06:10 PM	
3663	gr-osmosdr		Bug	New	Normal	Can't compile gr-osmosdr on macOS Mojave		10/19/2018 02:37 PM	
3855	gr-osmosdr		Bug	New	Normal	Cannot build gr-osmosdr with Gnuradio 3.8	horiz0n	09/28/2019 06:49 AM	
3734	gr-osmosdr		Bug	New	High	Cannot compile gr-osmocom		12/16/2018 12:22 AM	
3882	gr-osmosdr		Bug	New	Normal	Cannot compile gr-osmosdr!	horiz0n	07/18/2019 05:35 AM	
2824	gr-osmosdr		Bug	New	High	Corrupted double-linked for Raspbian Stretch when running osmoccom_fft (and any other program using osmosdr.source)		06/03/2018 12:08 PM	
3240	gr-osmosdr		Bug	New	Normal	Expose airspy gain setting in gr-osmosdr block		06/03/2018 12:08 PM	
3462	gr-osmosdr		Bug	New	Normal	gr-osmosdr installation bladerf conversion errors	horiz0n	07/18/2019 05:35 AM	
3414	gr-osmosdr		Feature	New	Normal	Include Airspy serial number in connection string.	horiz0n	07/24/2018 04:52 AM	
3594	gr-osmosdr		Feature	New	Normal	Message Commands		09/25/2018 03:59 PM	
3802	gr-osmosdr		Feature	New	Normal	New release	horiz0n	02/15/2019 07:22 AM	
3819	gr-osmosdr		Support	New	Urgent	OSMO SDR blocks for GNUradio		02/28/2019 06:00 PM	
3593	gr-osmosdr		Bug	New	Low	rtl: 'len' argument ignored in librtlsdr callback	horiz0n	07/18/2019 05:35 AM	
3592	gr-osmosdr		Bug	New	Normal	rtl: Race Conditions	horiz0n	07/18/2019 05:35 AM	
3597	gr-osmosdr		Feature	New	Low	rtl: send final samples when device is lost	horiz0n	07/18/2019 05:35 AM	
3595	gr-osmosdr		Feature	New	Normal	RX Tags		09/25/2018 04:01 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3596	gr-osmosdr		Feature	New	Normal	TX Tags		09/25/2018 04:01 PM	
2216	gr-osmosdr		Bug	New	Normal	uhd: LO offset doesn't seem to work properly		06/03/2018 12:08 PM	
4098	gr-osmosdr		Bug	New	Normal	[BladeRF micro] Arguments set in osmocom Sink and Source are not passed to libbladerf	horiz0n	07/18/2019 05:35 AM	
<b>GSM Audio Pocket Knife (2)</b>									
3398	GSM Audio Pocket Knife		Bug	New	Normal	build: configure fails if (optional) libalsa wasn't found	fixeria	07/16/2018 08:45 PM	
2514	GSM Audio Pocket Knife		Bug	Stalled	Normal	GSM HR encoding result does not match the reference	fixeria	04/03/2019 08:37 AM	
<b>libosmo-abis (4)</b>									
3622	libosmo-abis		Bug	New	Normal	Clear API mess in sign_link_up callback	pespin	10/02/2018 07:34 PM	
4248	libosmo-abis		Bug	In Progress	High	debian nightly packages without dahdi support	laforge	11/11/2019 04:15 PM	
2571	libosmo-abis		Bug	New	Low	libosmo-abis API documentation missing (doxygen)	daniel	08/08/2018 11:20 AM	
2717	libosmo-abis		Bug	New	Low	libosmo-abis doesn't use ipa_ccm_make_id_resp()		12/06/2017 05:47 PM	
<b>libosmo-netif (4)</b>									
2440	libosmo-netif		Bug	New	Normal	Osmux: Improve lost packet recreation mechanism	pespin	08/14/2017 05:27 PM	Blocks #2439
3006	libosmo-netif		Bug	New	Low	Osmux: improvements on lost/dropped RTP packets		09/30/2018 08:34 AM	
2439	libosmo-netif		Bug	New	Normal	Osmux: overwrite duplicated RTP packets instead of dropping them	pespin	08/17/2017 07:10 AM	Blocks #2439
3812	libosmo-netif		Bug	Stalled	Normal	stream_test fails depending on where it is run		03/13/2019 04:15 PM	
<b>libosmo-ranap (2)</b>									
3420	libosmo-ranap		Bug	Stalled	Normal	ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address	osmith	10/29/2018 02:28 PM	
4143	libosmo-ranap		Feature	New	Normal	Security Mode Command needs distinct UEA1 and UEA2 options		08/06/2019 12:58 PM	Blocks #4144
<b>libosmo-sccp + libosmo-sigtran (14)</b>									
3921	libosmo-sccp + libosmo-sigtran		Bug	New	Normal	high local reference numbers get cut off		04/12/2019 01:23 PM	
2008	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement Global Title Translation		04/10/2017 12:05 PM	
2007	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement GT based routing		04/10/2017 12:04 PM	
4072	libosmo-sccp + libosmo-sigtran		Bug	New	Normal	Implement IPA PING/PONG mechanism in libosmo-sigtran +	Hoernchen	06/21/2019 02:51 PM	Related to #4072

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2006	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement M2PA support		04/10/2017 12:04 PM	
2003	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement M2UA support		04/10/2017 12:01 PM	
2009	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement SCCP connection coupling ("proxy")		04/10/2017 12:09 PM	
2002	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement xUA traffic modes for load-balance and broadcast		04/10/2017 12:00 PM	
2013	libosmo-sccp + libosmo-sigtran		Bug	New	Low	OAP (Osmo Auth Protocol) missing from IPA support in libosmo-sigtran	neels	09/16/2018 10:35 AM	Related to #1843,Related to #2013,Related to #2554
2601	libosmo-sccp + libosmo-sigtran		Feature	New	Low	osmo-msc still needs libosmo-sccp-dev for SCCP CAUSE definitions	laforge	10/28/2017 09:49 PM	
3871	libosmo-sccp + libosmo-sigtran		Bug	Stalled	High	osmo_scu_prim conn_id should be scoped per-user and direction, and should not correlate with the local-reference spoken on the SCCP wire	osmith	07/18/2019 09:33 AM	Related to #3871,Related to #3871,Blocks #3872
2259	libosmo-sccp + libosmo-sigtran		Bug	New	Normal	problem with local reference	laforge	07/19/2017 04:25 PM	
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	
2000	libosmo-sccp + libosmo-sigtran		Feature	New	Low	use m3ua-testtool for the ASP-side verification		07/18/2019 05:42 AM	

### libosmocore (38)

1982	libosmocore		Bug	New	High	LAPD: segfault in lapd_est_req function		07/18/2019 05:49 AM	Related to #1982
4265	libosmocore		Bug	New	Normal	--enable-embedded doesn't work as expected		11/12/2019 11:18 AM	
1910	libosmocore		Feature	Stalled	Normal	add v4 encryption support		01/22/2018 10:35 AM	Related to #1910
3521	libosmocore		Feature	New	Normal	core/utills: engineering notation helpers	fixeria	09/04/2018 08:32 PM	
2688	libosmocore		Bug	New	Normal	CTRL iface: make rate_ctr request parser more strict		11/29/2017 01:40 PM	
4053	libosmocore	libosmoctrl	Feature	New	Normal	CTRL: Add CTRL cmd introspection to print documentation	Hoernchen	06/14/2019 08:23 PM	Related to #4053
2676	libosmocore		Support	In Progress	Normal	Document stat_item	daniel	03/19/2018 04:52 PM	Related to #2676
1716	libosmocore		Feature	New	Normal	enhance unit test coverage		08/17/2016 03:57 PM	Related to #1987,Precedes #1717
1987	libosmocore		Feature	New	Normal	gcov code coverage test support		03/17/2017 01:05 PM	Related to #1987,Is duplicate of #1987



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3693	libosmcore		Bug	In Progress	Low	gsm_04_08.h: numerous packed structs with sub-byte ints lack the order-swap shims for big endian		11/19/2018 02:05 PM	
1872	libosmcore		Feature	New	Low	high-performance remote logging		10/05/2017 06:27 AM	
2905	libosmcore	libosmogsm	Feature	Feedback	Normal	implement proper/generic mandatory IE validation	fixeria	09/26/2018 11:03 PM	
2712	libosmcore	libosmcore	Feature	New	Normal	implement reproducible talloc context printout, i.e. without memory addresses	Hoernchen	07/11/2019 03:54 PM	Related to #2781
3987	libosmcore	libosmcore	Feature	New	Low	introduce libosmcore_init() to replace individual initialization calls		05/08/2019 03:03 PM	Related to #3987
4074	libosmcore	libosmogsm	Bug	New	Normal	LAPD timers completely broken	Osmocom CNI Developers	06/21/2019 04:12 PM	Related to #4074
1761	libosmcore		Bug	New	Normal	LAPD: segfault when bootstrapping Nokia InSite	laforge	05/08/2019 03:07 PM	Related to #1760,Related to #1761,Related to #3975
3626	libosmcore	libosmogsm	Bug	New	Low	LAPDm code pulls both 'l1h' and 'l2h' of msgb	fixeria	11/27/2018 09:43 PM	
1938	libosmcore		Bug	New	Low	lapd_core human readable connection IDs in debug log	dexter	05/17/2018 02:02 PM	
3522	libosmcore	libosmocoding	Feature	New	Low	libosmocoding: move TCH ordering functions to libosmocodec and share them	fixeria	09/04/2018 08:49 PM	
4028	libosmcore		Bug	New	Normal	libosmcore build job hangs indefinitely / port 42000 already used	osmith	07/18/2019 05:50 AM	
2677	libosmcore		Support	New	Normal	Make stat_item available over ctrl interface		09/04/2019 09:21 AM	Related to #2676
3388	libosmcore	libosmogb	Bug	New	Normal	NS-RESET / NS-UNBLOCK / NS-BLOCK are not specified over IP/UDP	laforge	02/23/2019 02:37 PM	Related to #3388
2610	libosmcore		Feature	New	Low	optimize GnuTLS fallback		05/01/2018 04:07 PM	Related to #2610,Related to #3909
3722	libosmcore	libosmcore	Bug	Feedback	Normal	osmo_clock_gettime broke build on MacOS	pespin	09/20/2019 10:38 AM	
4149	libosmcore		Bug	New	Normal	osmo_fsm allows event names to have spaces in them	laforge	08/24/2019 12:31 PM	
3983	libosmcore		Bug	New	Normal	osmo_fsm_inst_change_parent() forgets to talloc reparent		05/08/2019 08:00 AM	
4095	libosmcore		Bug	New	High	osmo_get_rand_id() can fail under debian jessie	osmith	07/18/2019 05:50 AM	
3909	libosmcore		Bug	New	Normal	osmo_get_rand_id() fails in containerised environment		04/07/2019 04:05 PM	Related to #3909
3309	libosmcore		Feature	New	Normal	osmo_timer_* should use monotonic clock		05/31/2018 03:59 PM	Related to #3309
2682	libosmcore		Feature	New	Normal	replace legacy counters with rate_ctr		09/04/2019 09:21 AM	
1762	libosmcore		Bug	New	Normal	Review LAPD code for race conditions regarding state, particularly in RELEASE		07/03/2016 08:44 PM	Related to #1760,Related to #1761,Related to #1982

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3867	libosmcore		Bug	New	Normal	Some older Osmocom program releases don't build against current master libosmo*	osmith	03/28/2019 04:30 PM	Related to #3867
2186	libosmcore		Feature	New	Low	split libosmcrypto		10/05/2017 06:25 AM	
4104	libosmcore		Bug	New	Normal	support for KASME generation	laforge	07/12/2019 10:15 AM	Related to #4105
4105	libosmcore		Feature	New	Normal	Support for LTE key derivation functions	laforge	07/13/2019 02:07 AM	Related to #4105
4103	libosmcore		Feature	New	Low	TUAK support as per 3GPP TS 35.231		07/12/2019 09:55 AM	
3845	libosmcore	libosmogb	Feature	New	Low	Unified logging in Gb NS / BSSGP code		03/16/2019 02:33 PM	
2475	libosmcore	libosmogsm	Feature	Feedback	Low	XOR authentication not implemented		11/07/2019 02:40 PM	Related to #2475

### linmodem (9)

2798	linmodem		Feature	New	Normal	ALSA Soundcard Support		01/01/2018 12:02 PM	
2804	linmodem		Feature	New	Low	DAHDI interface		01/01/2018 12:27 PM	
2800	linmodem		Feature	New	Normal	Interop testing with real modems		01/01/2018 12:16 PM	
2815	linmodem		Feature	New	Normal	modern ptx / pty handling (UNIX 98)		01/01/2018 02:48 PM	
2802	linmodem		Feature	New	Low	report the connected speed in "CONNECT" message		01/01/2018 12:18 PM	
2803	linmodem		Bug	New	Low	return ERROR for unsupported AT commands		01/01/2018 12:19 PM	
2799	linmodem		Feature	New	Normal	SIP client support		01/01/2018 12:04 PM	
2801	linmodem		Feature	New	Normal	V.90 completion		01/01/2018 12:18 PM	
2797	linmodem		Bug	New	Normal	X11 support is 16bit plane only		01/01/2018 02:48 PM	

### Linux Kernel GTP-U (4)

1952	Linux Kernel GTP-U		Bug	New	Normal	IPv6 support for inner (user) IP layer missing		02/18/2017 12:29 PM	
1953	Linux Kernel GTP-U		Bug	New	Normal	IPv6 support for outer (transport) IP layer missing		02/19/2017 04:45 PM	
1832	Linux Kernel GTP-U		Feature	New	Normal	OpenvSwitch GTP-u patch for 2.5		10/27/2016 08:56 AM	
1943	Linux Kernel GTP-U		Feature	New	High	test setup for Linux kernel GTP-U tunneling module	laforge	05/30/2018 02:56 PM	

### m.2 (NGFF) WWAN modem USB breakout board (1)

4241	m.2 (NGFF) WWAN modem USB breakout board		Bug	In Progress	Normal	measure insertion loss for two alternatives of RF adapter on VNA up to 3GHz	roh	10/25/2019 04:26 PM	
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### Misc Hardware Projects (1)

3566	Misc Hardware Projects		Feature	In Progress	Low	build charger for gsm-r toys	roh	09/30/2018 08:39 AM	
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### Miscellaneous Projects (4)

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3870	Miscellaneous Projects		Feature	In Progress	Normal	jenkins job generating tarballs of all tagged releases	osmith	07/16/2019 07:49 AM	Related to #4084
64	Miscellaneous Projects		Bug	New	Normal	osmo-bts-amp: 2.2uF capacitors next to PA need to be 0603, not 0805	tnt	02/21/2016 04:48 PM	
3847	Miscellaneous Projects		Feature	New	Normal	Osmocom logo with/for black background	tsaitgaist	03/18/2019 08:54 AM	Blocks #3848
3848	Miscellaneous Projects		Feature	In Progress	Normal	Osmocom stickers wih black background / non-rectangular outline	maiike	09/04/2019 09:28 AM	Blocks #3848
<b>Mobile (in)Security (7)</b>									
1480	Mobile (in)Security	MS (Mobile Station)	Bug	New	High	A5/3 is not deployed in GSM networks		02/21/2016 04:34 PM	
1478	Mobile (in)Security	Um (MS-BTS) interface	Bug	New	High	IMSI DETACH DoS		09/02/2019 09:00 AM	
1479	Mobile (in)Security	MS (Mobile Station)	Bug	New	Normal	MTK stack unable to send MO-SMS on TCH/F		04/03/2019 09:01 AM	
1477	Mobile (in)Security	Um (MS-BTS) interface	Bug	New	High	RACH flood DoS		02/21/2016 04:34 PM	
1481	Mobile (in)Security	BTS (Base Transceiver Station)	Bug	New	High	Random LAPDm MAC-block padding is not deployed yet		02/21/2016 04:34 PM	
1482	Mobile (in)Security	MS (Mobile Station)	Bug	New	Normal	Sending the TMSI of the old/previous network		02/21/2016 04:35 PM	
1483	Mobile (in)Security	MS (Mobile Station)	Bug	New	High	USSD state is not reset when switching cells		02/21/2016 04:34 PM	
<b>multi-voltage USB UART (1)</b>									
3038	multi-voltage USB UART		Feature	New	Normal	Add mounting holes?		03/07/2018 02:12 AM	
<b>OP25 (19)</b>									
2160	OP25		Feature	New	High	Add "datascope" to usrp_p25_rx.py		04/22/2017 04:16 PM	
2166	OP25		Feature	New	High	Add support for Max's I/Q 455khz downconverter		04/22/2017 04:15 PM	
3776	OP25		Bug	New	Normal	Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS		07/05/2019 07:12 PM	
2158	OP25		Feature	New	High	Create a shared library for decoding for WireShark and the decoder.		04/22/2017 04:16 PM	
2169	OP25		Bug	New	High	First-cut of trunking support		04/22/2017 04:15 PM	
2157	OP25		Feature	New	High	Fix "traffic" tab so it displays data for non-HDU data units		04/22/2017 04:16 PM	
2162	OP25		Bug	New	High	Fix bit-ordering in output for VC55.		04/22/2017 04:15 PM	
2172	OP25		Bug	New	High	HDU often missing in captures		04/22/2017 04:14 PM	
2167	OP25		Feature	New	High	Implement Encryption/Decryption P25 blocks		04/22/2017 04:15 PM	
2156	OP25		Feature	New	High	Implement forward error correction for HDU.		04/22/2017 04:16 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
2168	OP25		Bug	New	High	Implement Forward error correction for LDU1/2		04/22/2017 04:15 PM	
2170	OP25		Bug	New	High	Implement forward error-correction code, remove IT++ dependency		04/22/2017 04:14 PM	
4225	OP25		Support	New	Normal	Missing rules in cmake lists?	2CS350	10/12/2019 02:49 PM	
4130	OP25		Bug	New	Normal	OP25 User Interface		07/26/2019 02:36 AM	
2173	OP25		Feature	New	High	Remove dependency on ET++		04/22/2017 04:14 PM	
2155	OP25		Feature	New	High	Replace FSK4 demodulation with IQ demodulator stage.		04/22/2017 04:16 PM	
3531	OP25		Bug	New	Normal	Unknown status of the p25 wireshark plugin		09/07/2018 02:46 PM	
2175	OP25		Feature	New	High	Update code for GNURadio 3.6 and later	stevie	04/22/2017 04:14 PM	
2171	OP25		Feature	New	High	Use libfftw3 for IFFT/FFT functions.		04/22/2017 04:14 PM	
<b>OpenBSC (4)</b>									
65	OpenBSC	osmo-bts-amp	Bug	New	Low	MIC29301-5.0 is a TO220-5 footprint part	mschramm	05/08/2019 03:10 PM	
2363	OpenBSC		Support	New	High	migrate important branches from openbsc.git to new osmo-{msc,bsc,mgw,sgsn}.git	Osmocom CNI Developers	09/12/2018 02:41 PM	
4094	OpenBSC		Bug	New	Normal	multiple crashes due to connection failures / drops		07/09/2019 07:41 PM	Related to #4094
4112	OpenBSC		Bug	New	Normal	OpenBSC fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)	Hoernchen	07/18/2019 05:25 AM	Related to #4113,Related to #4123
<b>osmo-clock-gen (1)</b>									
4064	osmo-clock-gen		Support	In Progress	Normal	bom / parts order / production of 3 clock-gen v2 prototypes	mschramm	08/04/2019 08:37 PM	
<b>osmo-fl2k (4)</b>									
4174	osmo-fl2k		Bug	New	Normal	After the latest commits, the fl2k tools do not exit on first SIGINT		08/25/2019 04:57 PM	
3202	osmo-fl2k		Feature	New	Low	create debian packaging for osmo-fl2k (and make it part of nightly builds?)	osmith	09/30/2018 08:40 AM	
3203	osmo-fl2k		Feature	New	Normal	have jenkins build verification job	osmith	07/24/2019 09:09 AM	
3210	osmo-fl2k		Feature	New	Low	man pages	steve-m	04/24/2018 08:55 PM	
<b>osmo-qcdiag (7)</b>									
1908	osmo-qcdiag		Feature	New	Normal	add VTY interface to osmo-qcdiag	laforge	01/12/2017 01:15 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	
1907	osmo-qcdiag		Bug	New	Normal	osmo-qcdiag detects CRC errors relatively often		01/23/2017 01:47 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1901	osmo-qcdiag		Feature	New	Normal	osmo-qcdiag: Ability to read/write NV data		01/11/2017 12:15 PM	
1900	osmo-qcdiag		Feature	New	Normal	osmo-qcdiag: Add FUSE based access for EFS		01/11/2017 12:15 PM	
1899	osmo-qcdiag		Bug	New	Normal	osmo-qcdiag: DIAG based pcap tracing (DPL) not working		01/11/2017 12:15 PM	
1906	osmo-qcdiag		Bug	New	Normal	wireshark: fix decoding of (E)GPRS RLC/MAC frames	laforge	05/19/2019 07:48 AM	
<b>osmo-remsim (13)</b>									
4249	osmo-remsim		Feature	New	Normal	ability to explicitly provision an "empty SIM card slot" to a modem	laforge	11/07/2019 02:21 PM	
3889	osmo-remsim	tests	Bug	In Progress	Urgent	adjust TTCN3 remsim testsuite to latest code	laforge	05/08/2019 03:30 PM	
3886	osmo-remsim	remsim-server	Feature	New	Normal	expose ICCID or even IMSI of all cards on remsim-server	laforge	05/08/2019 03:31 PM	Precedes #3886
4021	osmo-remsim	tests	Support	New	High	long-term end-to-end osmo-remsim test setup	roh	10/18/2019 02:51 PM	
3883	osmo-remsim		Bug	New	Urgent	osmo-remsim user manual lacks examples	laforge	07/16/2019 02:43 PM	
4097	osmo-remsim		Bug	Feedback	Urgent	osmo-remsim-bankd leaking memory	roh	09/18/2019 06:25 PM	Related to #4097,Related to #4119
4119	osmo-remsim	remsim-client	Bug	Feedback	Normal	osmo-remsim-client-st2 leaking memory	roh	09/18/2019 06:24 PM	Related to #4119
4250	osmo-remsim	remsim-bankd	Bug	New	Normal	osmo-remsim-bankd requires unreleased libosmocore patch	laforge	11/07/2019 02:23 PM	
3884	osmo-remsim	remsim-bankd	Feature	New	Normal	redesign bankd thread architecture	laforge	05/08/2019 03:31 PM	Precedes #3885,Precedes #3886
3919	osmo-remsim	remsim-client	Feature	New	Normal	remsim-client ifd_handler for PC/SC integration	laforge	05/08/2019 03:30 PM	
3887	osmo-remsim	remsim-client	Feature	New	Low	remsim-client: allow for local handling of APDUs	laforge	05/08/2019 03:30 PM	
3885	osmo-remsim		Feature	New	Normal	remsim-server should expose status information	laforge	04/01/2019 07:23 PM	Precedes #3885
4205	osmo-remsim	tests	Bug	New	Normal	ttn3-remsim-test only shows results for bankd	laforge	09/13/2019 12:04 PM	
<b>osmo-sip-connector (10)</b>									
4197	osmo-sip-connector		Bug	Feedback	Normal	"running broken" if configured IP is not assigned at startup	lynxis	09/15/2019 11:16 PM	
3763	osmo-sip-connector		Bug	New	Normal	Implement correct handling for call answered elsewhere		01/22/2019 01:03 PM	
1679	osmo-sip-connector		Feature	Stalled	High	osmo-sip-connector: Add stats for call handling	osmith	09/04/2019 09:32 AM	Related to #3636
1687	osmo-sip-connector		Feature	New	Low	osmo-sip-connector: Explore 3-way conference call	sysmocom	09/04/2019 09:31 AM	
1686	osmo-sip-connector		Feature	New	Normal	osmo-sip-connector: Implement call holding on SIP	sysmocom	09/04/2019 09:31 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1683	osmo-sip-connector		Bug	In Progress	Urgent	osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc	neels	11/07/2019 11:56 PM	Related to #1683,Related to #1683,Related to #1683,Related to #1683,Related to #3650
1685	osmo-sip-connector		Feature	In Progress	Normal	osmo-sip-connector: Review and define log statements and which info to include	osmith	09/04/2019 09:31 AM	
3518	osmo-sip-connector		Bug	In Progress	Normal	Rapid SETUP followed DISC results in lingering B-leg	keith	04/24/2019 08:39 AM	
3741	osmo-sip-connector		Bug	New	Normal	Unknow call parameters shown in vty		12/28/2018 02:01 PM	
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

### OsmoBSC (88)

3737	OsmoBSC		Bug	New	Low	abort because unused lchan has non-null conn pointer, after AMR config error		05/08/2019 03:35 PM	
1946	OsmoBSC		Feature	New	Normal	Add checks to the BSC VTY to prevent configurations known to not work	sysmocom	08/17/2017 06:51 AM	Related to #1614
2548	OsmoBSC		Feature	New	High	Add support for E1/T1 based BTSs to OsmoBSC	laforge	09/04/2019 09:07 AM	Related to #2547,Related to #3965,Related to #2548
1857	OsmoBSC	A-bis OML	Feature	New	Normal	aggregate and report OML ALERT messages received from BTSs		12/10/2017 08:16 PM	Related to #1615,Related to #1605
4002	OsmoBSC		Bug	In Progress	Normal	AMR defaults to bandwidth-efficient mode	laforge	05/15/2019 12:59 PM	Related to #4002,Related to #4002
3787	OsmoBSC		Bug	New	Low	Assignment Request modifies conn->codec_list before the Assignment is successful	dexter	05/08/2019 03:38 PM	
3786	OsmoBSC		Bug	New	Low	Assignment Request modifies conn->lcls state before the Assignment is successful	dexter	05/08/2019 03:37 PM	
2893	OsmoBSC		Feature	Stalled	Low	automatic simulator for large LU load		09/04/2019 09:23 AM	Related to #2722,Related to #2591,Blocks #2893,Blocks #2893
1614	OsmoBSC		Bug	Stalled	Normal	better identification of BTS model / capabilities to BSC	dexter	05/17/2018 01:59 PM	Related to #1614,Related to #2316,Related to #2317,Related to #3799,Related to #3938

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4166	OsmoBSC		Bug	New	Normal	BORKEN Error / broken lchan / WAIT_ACTIV_ACK: Timeout		08/22/2019 11:30 AM	
3831	OsmoBSC		Feature	New	Low	BSC support for "network sharing"		03/08/2019 10:27 PM	
1600	OsmoBSC		Feature	New	Low	BSC: Make SI / rest octests more configurable		12/10/2017 08:04 PM	
3690	OsmoBSC		Bug	In Progress	Normal	BSC_Tests.TC_dyn_pdch_osmo_act_deact failure: Unexpected TS Mode: "NONE mode"		11/13/2018 02:31 PM	
4264	OsmoBSC	Handover	Bug	New	Normal	BSC_Tests.TC_ho_neighbor_config_1 test failures	neels	11/12/2019 10:48 AM	
3679	OsmoBSC		Bug	Feedback	Normal	bsc_vty.c iterates trx to regen sysinfo manually, skips bcch_change_mark bump	laforge	10/31/2018 01:00 AM	
2899	OsmoBSC		Bug	New	Low	channel attributes are sent to BTS even for NONE channels	osmith	09/30/2018 10:42 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	
2462	OsmoBSC		Feature	New	Low	clarify lchan->encr.alg_id		08/24/2017 01:27 PM	Related to #2462
3841	OsmoBSC		Bug	New	Low	cosmetic: tearing down the old lchan after inter-BSC handover always goes through RELEASE_AFTER_ERROR (instead of normal release)	neels	05/08/2019 05:43 PM	
3454	OsmoBSC	A interface	Feature	New	Low	disable/constrain/hide "multiple msc" concept	sysmocom	08/08/2018 02:22 PM	
2722	OsmoBSC		Feature	New	High	document RACH tuning parameters more thoroughly, give explanations	daniel	08/02/2018 09:46 AM	Related to #2591,Related to #1611,Related to #2592,Related to #2722
2781	OsmoBSC		Feature	New	Normal	Extend OsmBSC TTCN-3 test coverage regarding resource leaks		07/18/2019 05:04 AM	Related to #2781
3833	OsmoBSC		Bug	Feedback	Normal	Fix storage location of AMR S15-S0 bits	dexter	07/29/2019 02:02 PM	
3638	OsmoBSC	Handover	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
3637	OsmoBSC		Bug	Feedback	Normal	handover decision 2: properly check available codecs	neels	10/09/2018 09:45 AM	Related to #3637,Related to #3637
3486	OsmoBSC	Handover	Feature	New	Low	handover decision: congestion: figure out the tradeoff: re-assign within same cell vs. handover to another cell		10/16/2018 01:16 PM	Related to #3486,Related to #3638
3482	OsmoBSC	Handover	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

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3483	OsmoBSC	Handover	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
3484	OsmoBSC	Handover	Feature	New	Low	handover decision: if rxlev is ok but rxqual is bad, move to different timeslot with same TCH kind to avoid interference		10/16/2018 01:30 PM	
3480	OsmoBSC	Handover	Feature	New	Normal	handover from TCH/F to TCH/H to reduce load		10/16/2018 01:15 PM	Related to #3480,Related to #3481
3481	OsmoBSC	Handover	Feature	New	Normal	handover from TCH/H to TCH/F to reduce load		10/16/2018 01:15 PM	Related to #3481,Related to #3481
3485	OsmoBSC	Handover	Feature	New	Low	handover to make room for a less capable subscriber		10/16/2018 01:16 PM	Related to #3485
3277	OsmoBSC		Feature	New	Low	handover: for intra-cell HO, use RR Assignment Command, not RR Handover Command	neels	11/19/2018 04:27 PM	Is duplicate of #3277
2964	OsmoBSC		Bug	In Progress	Normal	handover_decision_2: measurement report number compared to lchan->meas_rep_last_seen_nr often overflows to zero (255 range) and hence an old report may be seen as new every once per 255 cycle	neels	10/10/2018 12:27 PM	Related to #1606
3002	OsmoBSC	Handover	Bug	New	Normal	HO2: handover decision for dynamic timeslots	neels	10/16/2018 01:15 PM	Related to #1606,Related to #1608,Blocks #3002
2918	OsmoBSC		Feature	New	Normal	Implement a function to properly test connection clearing in MSC_ConnectionHandler.ttcn (BSC-Tests)	Hoernchen	06/19/2019 08:35 AM	
4070	OsmoBSC	A-bis RSL	Bug	New	Normal	Implement IPA PING/PONG mechanism on RSL and OML	Hoernchen	06/21/2019 02:47 PM	
2724	OsmoBSC		Feature	New	Normal	Improve default timers	laforge	01/04/2018 11:06 AM	Related to #2724
3744	OsmoBSC		Bug	New	Normal	include/osmocom/bsc/gsm_data.h: OSMO_ASSERT(conn->lchan); failed in conn_get_bts()		12/30/2018 10:39 AM	
3656	OsmoBSC	Handover	Feature	New	Normal	inter-BSC handover outgoing: compose Cell Identifier List from several ARFCN+BSIC	neels	06/10/2019 10:07 PM	Related to #3656
3682	OsmoBSC	A interface	Feature	New	Normal	Intra-domain connection of OsmoBSC to multiple MSCs		09/04/2019 09:01 AM	
34	OsmoBSC	A-bis OML	Bug	New	Normal	ipaccess init code needs proper state machines		12/10/2017 08:16 PM	Related to #34
68	OsmoBSC		Bug	New	Low	ipaccess-config should work with -u ID -o IP -r BTS_IP		12/10/2017 07:52 PM	
73	OsmoBSC		Bug	New	Low	Kill the paging_init_if_needed method in paging.c		12/10/2017 07:53 PM	



#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3659	OsmoBSC	RTP/Media	Bug	Stalled	High	LCLS directly between BTSs	Hoernchen	05/15/2019 01:40 PM	Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783
1605	OsmoBSC		Feature	New	Low	logging / ring buffer for ALERT messages from A-bis OML from the BTS side	osmith	09/30/2018 10:49 AM	Related to #1605
3642	OsmoBSC		Bug	New	Low	logging filter imsi leaks bsc_subscr references		10/09/2018 10:04 PM	
39	OsmoBSC		Feature	New	Low	Logging filter on bts/trx or such		03/01/2018 11:16 PM	
1858	OsmoBSC		Feature	New	Normal	make BSC also generate ALERTs		12/10/2017 07:59 PM	
1613	OsmoBSC		Feature	New	Low	make BTS/TRX configuration changes without having to drop BTS OML link		12/10/2017 08:06 PM	
1866	OsmoBSC	A-bis RSL	Feature	New	Normal	Make use of RSL RF RESOURCE INDICATION (interference measurements)		12/10/2017 08:15 PM	Related to #1569
3814	OsmoBSC	ip.access BTS	Bug	New	Normal	MS Power Control Problem with Osmo-BSC and nanoBTS		02/24/2019 01:15 AM	
3865	OsmoBSC	ip.access BTS	Bug	New	Normal	nanoBTS: GPRS not working anymore, modems unable to attach in osmo-gsm-tester	osmith	07/18/2019 05:03 AM	Is duplicate of #3865
69	OsmoBSC		Bug	New	Low	No timers for various calls		12/10/2017 07:53 PM	
2969	OsmoBSC		Feature	New	Low	obtain and store subscriber identity	neels	01/03/2019 06:03 PM	Related to #2969
3739	OsmoBSC		Feature	New	Normal	on osmo-bsc startup, sanity check codec-, pchan-types and AMR rates configuration		12/20/2018 01:31 AM	
3975	OsmoBSC		Bug	New	Normal	osmo-bsc crash during startup with nokia insite	laforge	07/18/2019 06:00 AM	Related to #3975
3357	OsmoBSC		Bug	New	Normal	osmo-bsc doesn't perform RSL MODE MODIFY on ASSIGNMENT if channel is compatible.	dexter	10/02/2018 02:54 PM	Related to #3357
4113	OsmoBSC		Bug	New	High	osmo-bsc fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)	Hoernchen	07/19/2019 09:36 PM	Related to #4114,Related to #4115,Related to #4113,Related to #4116,Related to #4123
3476	OsmoBSC		Support	New	High	osmo-bsc manual needs to explain the AoIP config 'cs7 instance'		08/20/2018 09:06 AM	
4199	OsmoBSC		Bug	New	Normal	osmo-bsc.cfg: if 'amr tch-[fh] modes' are not in order, the config is ignored and osmo-bsc still starts		09/12/2019 12:52 AM	
3976	OsmoBSC	RTP/Media	Bug	New	Normal	osmo-bsc: heap-use-after-free upon MGW CRCX failure response	neels	05/06/2019 11:03 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3330	OsmoBSC	A-bis RSL	Feature	New	Normal	osmo-bsc: Implement IMMEDIATE ASSIGNMENT EXTENDED	sysmocom	06/08/2018 12:14 PM	Related to #3330
4078	OsmoBSC	Handover	Bug	In Progress	Normal	osmo-bsc: Sends duplicated BSSMAP Clear Request upon HO failure (TC_ho_out_fail_no_ho_detect)	neels	07/08/2019 04:53 PM	
3708	OsmoBSC	A-bis RSL	Bug	Feedback	Normal	osmo-bsc: Wrong handling of PDCH DEACT NACK	pespin	12/05/2018 04:19 PM	Related to #3708,Related to #3708
3806	OsmoBSC	A interface	Bug	In Progress	Normal	OsmoBSC accepts BSSAP with wrong length field		09/04/2019 09:26 AM	Related to #3806
3000	OsmoBSC	A-bis OML	Bug	New	Normal	OsmoBSC issues "RSL Connect" command too early -> race conditions		02/25/2018 12:32 PM	Related to #2470,Related to #4179
3020	OsmoBSC	PCU Interface	Bug	New	Normal	OsmoBSC PCU socket interface not yet tested by BSC_Tests.ttcn	laforge	05/21/2019 06:29 PM	
2767	OsmoBSC	A interface	Bug	New	High	OsmoBSC user manual doesn't specify how to configure M3UA link (asp/as)	daniel	03/16/2018 07:52 PM	
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
4193	OsmoBSC		Bug	New	Normal	osmux reference pdf has auto-generated plot not displayed in pdf	pespin	10/16/2019 01:05 PM	
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
2470	OsmoBSC	A-bis OML	Feature	New	Normal	Proper OML MO (managed object) using osmo_fsm		12/10/2017 08:16 PM	Related to #34,Related to #2470,Related to #3782
3097	OsmoBSC		Feature	New	Normal	ramping of "rxlev access min"		03/22/2018 11:51 AM	Related to #3097
2389	OsmoBSC	Siemens BTS	Feature	New	Normal	re-add siemens MRPCI message, dropped during MSCSPLIT	laforge	05/08/2019 05:45 PM	Related to #2257,Related to #2548
3190	OsmoBSC		Bug	New	Normal	RSL DELETE INDication not implemented	osmith	07/18/2019 05:42 AM	
3474	OsmoBSC		Bug	New	Normal	SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx		08/20/2018 01:02 AM	
3586	OsmoBSC		Feature	New	Normal	support LCLS for inter-BSC handover	neels	01/17/2019 04:18 PM	Related to #3586,Related to #3659
2382	OsmoBSC		Bug	New	Normal	T3105 not consistently communicated to all BTS models		03/05/2018 07:02 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4244	OsmoBSC	A-bis RSL	Bug	Feedback	Normal	Take MS power class into account to calculate appropriate MS Power level	pespin	11/12/2019 04:59 PM	Related to #4244,Related to #4244
3479	OsmoBSC		Feature	New	Normal	test "every single failure" in osmo-bsc FSMs		08/20/2018 11:15 AM	Related to #3479
4010	OsmoBSC		Feature	New	Low	Test RSL CHAN ACT related details for different scenarios	laforge	05/21/2019 09:02 PM	Related to #4010,Related to #4010
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	
4189	OsmoBSC		Feature	New	Low	TTCN-3 tests for load-based hand-over in BSC		09/04/2019 09:10 AM	Related to #4189
3505	OsmoBSC		Feature	New	Normal	ttcn3: test inter-BSC HO with encryption enabled	neels	08/28/2018 06:38 PM	Related to #3505
2949	OsmoBSC		Feature	New	Normal	use RR Assignment for Handover within a cell		02/16/2018 02:52 PM	Related to #3357,Is duplicate of #3277
3716	OsmoBSC	A interface	Bug	Stalled	Low	Use SACCH for MO/MT SMS signalling during a voice call	fixeria	05/08/2019 03:35 PM	
1601	OsmoBSC		Feature	In Progress	Normal	VTY parameters become active when?		12/10/2017 08:04 PM	Related to #1601
<b>OsmoBSCNAT (2)</b>									
4124	OsmoBSCNAT		Feature	New	Normal	OsmoBSCNAT : Write user manual	sysmocom	07/22/2019 09:02 AM	Related to #4124
2545	OsmoBSCNAT		Feature	New	Low	OsmoBSCNAT misses 3GPP AoIP		05/30/2018 02:14 PM	
<b>OsmoBTS (86)</b>									
1979	OsmoBTS		Bug	New	Normal	Priority of SAPI=0/SAPI=3 on SABM	sysmocom	05/08/2019 06:12 PM	
3032	OsmoBTS	osmo-bts-trx	Bug	New	High	(Wrong?) measurement of both RSSI and ToA on TCH channels	tnt	11/26/2018 02:32 PM	Related to #2977,Related to #3032
2675	OsmoBTS		Bug	New	Low	/usr/bin/lc15bts-mgr can't find GPS 3D fix to for calibration	pespin	02/13/2018 03:34 PM	
1744	OsmoBTS		Bug	New	Low	1-way voice between sysmobts and nanobts if DTX is enabled		07/18/2019 06:08 AM	Related to #1562
4014	OsmoBTS		Feature	New	Low	Allow multiple [virtual] BTS instances on same [SDR] hardware that supports multiple TRX		05/21/2019 12:07 PM	
1618	OsmoBTS		Bug	New	Low	AMR adaption loop doesn't use C/I thresholds, only BER		07/18/2019 06:08 AM	Related to #4006
1837	OsmoBTS		Feature	New	Low	autogenerate dtx_dl_amr_fsm.*		03/01/2018 11:17 PM	
3789	OsmoBTS	Abis	Bug	Stalled	Normal	BTS permits OPSTART of MO without attributes	laforge	02/23/2019 02:33 PM	Related to #3789,Related to #3789
3568	OsmoBTS	osmo-bts-sysmo	Bug	Stalled	High	CBCH on SDCCH/8 not working for osmo-bts-sysmo	laforge	01/14/2019 03:29 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4008	OsmoBTS		Bug	New	Normal	Channel Activation starts SACCH too early in Asynchronous Handover		07/18/2019 05:15 AM	Related to #4008,Related to #4010
4009	OsmoBTS		Bug	New	Normal	Channel Activation starts SACCH too early in Synchronous Handover		07/18/2019 05:15 AM	Related to #4009,Related to #4010
1572	OsmoBTS		Feature	New	Low	Circuit Switched Data Support		02/23/2016 03:34 PM	
1692	OsmoBTS		Feature	New	Low	clock source monitoring		04/13/2016 09:49 AM	
1576	OsmoBTS	osmo-bts-sysmo	Feature	New	Low	consider using hLayer2 as a pointer storage	Osmocom CNI Developers	02/02/2017 04:11 PM	Related to #1755
1575	OsmoBTS		Bug	Stalled	Normal	Correctly handle BS_AG_BLK_RES (AGCH/PCH split in DL CCCH)		09/04/2019 09:15 AM	Related to #1575,Related to #1575
1852	OsmoBTS	osmo-bts-trx	Feature	New	Normal	DTX support for osmo-bts-trx		02/08/2017 04:09 PM	Is duplicate of #1750
1750	OsmoBTS		Bug	Stalled	Low	DTXu/DTXd support for osmo-bts-trx		03/01/2018 11:17 PM	Related to #1562,Related to #1563,Is duplicate of #1750,Blocks #1750
1573	OsmoBTS		Feature	New	Low	ENHANCED MEASUREMENT REPORT		02/23/2016 03:36 PM	
3751	OsmoBTS	osmo-bts-oc2g	Support	New	High	Ensure BTS Tests.ttcn results of OC-2G resemble what we know/expect from osmo-bts-{sysmo,trx}	pespin	07/18/2019 06:05 AM	
3155	OsmoBTS		Feature	In Progress	Urgent	execute BTS_Tests.ttcn with real (C123) phone hardware in LTHW setup	pespin	04/15/2019 05:15 PM	Related to #3353,Related to #3155
3780	OsmoBTS		Bug	New	Normal	existing test suite doesn't catch wrong measurement processing	Hoernchen	07/12/2019 04:27 PM	
2557	OsmoBTS		Feature	New	Low	extend osmo-bts-virtual + GSMTAP with voice frame (TCH) support	laforge	07/18/2019 06:08 AM	Related to #2556,Related to #2557
3750	OsmoBTS		Feature	In Progress	Normal	Extension of BTS_Tests.ttcn test coverage	Hoernchen	11/16/2019 07:49 PM	Related to #4008,Related to #4009,Related to #4011,Related to #3750,Related to #4023,Related to #4031,Related to #4035,Related to #3750
3506	OsmoBTS	osmo-bts-trx	Bug	Feedback	High	FACCH LAPDm sequence error (state LAPD_STATE_MF_EST)	fixeria	04/04/2019 06:35 PM	Related to #3906

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3803	OsmoBTS		Bug	In Progress	Normal	fix frame number calculation in scheduler_trx	dexter	10/29/2019 08:34 AM	Related to #3803,Related to #3803,Related to #3803
1851	OsmoBTS	osmo-bts-trx	Feature	In Progress	Normal	generalize power control and TA loop code	pespin	11/14/2019 04:55 PM	Related to #1851,Related to #1851,Related to #1851,Related to #4213,Related to #4244
2906	OsmoBTS		Bug	New	Normal	gsm_pchan2chan_nr asserts GSM_PCHAN_CCCH: lchan_nr == 0	pespin	04/04/2018 08:43 AM	
2356	OsmoBTS		Feature	In Progress	Low	have per-SAPI logging in OsmoBTS DL1P / DL1C	osmith	09/27/2019 01:36 PM	Related to #2355
3428	OsmoBTS	osmo-bts-trx	Feature	Stalled	High	Implement handling of NOPE / IDLE indications from Transceiver	fixeria	10/03/2019 05:27 PM	Related to #3428,Related to #3428,Related to #3665,Related to #3428,Blocks #3428,Blocks #2975
1751	OsmoBTS		Bug	New	Low	incompatibility between LCR and DTX		06/14/2016 04:39 PM	
3572	OsmoBTS	osmo-bts-trx	Bug	New	Normal	Incorrect TDMA frame number calculation on TCH channels	sysmocom	05/08/2019 06:08 PM	Related to #3803
1674	OsmoBTS		Bug	New	Low	Kill duplication between l1_if.c and sysmbots_ctrl.c		07/18/2019 06:08 AM	
1950	OsmoBTS	osmo-bts-litecell15	Bug	Stalled	High	LC15: BTS does not send L2 fill frame	pespin	07/18/2019 05:56 AM	
3510	OsmoBTS	osmo-bts-trx	Bug	New	Normal	Make sure the ECU (Error Concealment Unit) is working correctly	tnt	05/15/2019 03:48 PM	
4023	OsmoBTS	PCU Interface	Bug	Stalled	Normal	Missing coverage of PCU interface in osmo-bts		11/16/2019 08:04 PM	Related to #4023
1568	OsmoBTS		Feature	New	Low	Move various code bits to libosmocore	fixeria	07/18/2019 06:08 AM	
1577	OsmoBTS	osmo-bts-sysmo	Bug	New	Normal	mph_send_config_logchpar doesn't update encryption config		02/23/2016 03:39 PM	
4213	OsmoBTS	osmo-bts-trx	Support	Feedback	High	ms-power-control	pespin	11/05/2019 01:42 PM	Related to #4213,Related to #4244
1561	OsmoBTS		Feature	New	Low	Multi-TRX support (one osmo-bts process per TRX)		02/23/2016 03:18 PM	
3782	OsmoBTS		Bug	New	Normal	OML bringup fails for osmo-bts-oc2g on high latency links	dexter	03/26/2019 08:26 AM	Related to #3782,Related to #3782,Related to #3789,Related to #4031

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4031	OsmoBTS	Abis	Bug	New	Normal	OML part of BTS has no TTCN-3 tests		09/04/2019 09:04 AM	Related to #4031,Related to #4031
4082	OsmoBTS		Bug	New	Normal	OML: Unknown/unhandled PCHAN type: 0 NONE		11/17/2019 09:18 PM	
2355	OsmoBTS		Bug	New	Low	optimize log output of phy specific code		09/04/2019 09:26 AM	Related to #2355
3370	OsmoBTS	osmo-bts-trx	Bug	Feedback	Low	osmo-bts "substituting all-zero burst" and osmo-pcu "Link quality (0dB) left window [5, 8], modifying uplink CS levels: CS-2 -> CS-1"	lynxis	10/03/2019 05:34 PM	Related to #3428
3052	OsmoBTS	osmo-bts-sysmo	Bug	Stalled	Normal	osmo-bts-sysmo fails to detect RACH bursts from osmocombb	laforge	03/14/2018 05:42 AM	
2674	OsmoBTS	osmo-bts-sysmo	Bug	New	Low	osmo-bts-sysmo GPRS failing if running without "-M"	pespin	07/18/2019 06:08 AM	
1755	OsmoBTS		Feature	New	Low	osmo-bts-sysmo L1: unify hLayer3 handling	Osmocom CNI Developers	02/02/2017 04:00 PM	Related to #1755
1804	OsmoBTS		Bug	Stalled	Low	osmo-bts-sysmo, osmo-bts-litecell15: L1 phy unusable after PCU disconnects	sysmocom	05/30/2017 03:35 PM	Related to #57
2560	OsmoBTS		Bug	Stalled	Low	osmo-bts-trx crash with sigabrt	lynxis	05/17/2018 11:33 AM	
1771	OsmoBTS		Feature	New	Low	osmo-bts-trx: clarify check_transceiver_availability()		03/01/2018 11:17 PM	Related to #1770
3612	OsmoBTS	osmo-bts-trx	Bug	Stalled	Normal	osmo-bts-trx: heap-use-after-free in e1inp_sign_link_destroy	pespin	10/03/2018 12:54 PM	Related to #4094
2979	OsmoBTS	osmo-bts-virtual	Bug	Stalled	Low	osmo-bts-virtual reports bogus measurement values	laforge	07/18/2019 06:06 AM	
2942	OsmoBTS		Bug	New	Low	osmo-bts-virtual+virtphy+mobile paging for SMS delivery fails		02/13/2018 05:05 PM	
3329	OsmoBTS		Feature	New	Normal	osmo-bts: Implement IMMEDIATE ASSIGNMENT EXTENDED	sysmocom	06/08/2018 12:02 PM	Related to #3330
61	OsmoBTS		Feature	New	Low	osmo-bts: split TRAU/RTP frame handling into separate process		06/13/2016 01:16 PM	
2978	OsmoBTS		Bug	Stalled	High	OsmoBTS rxlev/rxqual SUB computation completely broken [AMR DTX]	dexter	09/03/2018 07:44 AM	Related to #2978
2975	OsmoBTS	osmo-bts-trx	Bug	Stalled	Normal	OsmoBTS doesn't generate measurement indications in absence of uplink bursts	dexter	11/17/2019 03:41 PM	Related to #2965,Related to #2975,Related to #2977,Related to #3665,Blocks #2975
3056	OsmoBTS		Bug	New	Low	OsmoBTS doesn't implement SACCH Repetition Order (SRO)		07/18/2019 06:08 AM	
3791	OsmoBTS	Abis	Bug	New	Low	OsmoBTS doesn't include the "IPA Destination IP Address" attribute in "IPA RSL Connect ACK"	laforge	02/07/2019 07:46 PM	Related to #3791

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3792	OsmoBTS	Abis	Bug	New	Normal	OsmoBTS doesn't include the "Starting Time" attribute in "Set BTS Attributes ACK"	osmith	07/18/2019 06:05 AM	
3796	OsmoBTS	Abis	Bug	New	Low	OsmoBTS doesn't send proper cause values in NACK		07/18/2019 06:04 AM	Related to #3796
2974	OsmoBTS		Bug	New	Low	OsmoBTS doesn't use the "Diagnostics" part of the RSL Cause IE		07/18/2019 05:48 AM	
2366	OsmoBTS		Feature	New	Low	OsmoBTS lacks EXTENDED BCCH support		07/15/2017 10:42 AM	Related to #1575,Related to #2014
2977	OsmoBTS		Feature	In Progress	Normal	OsmoBTS measurement processing at L1SAP too complex / pass measurements along with data	dexter	11/11/2019 01:27 PM	Related to #2977,Related to #2977,Related to #3530,Related to #3428,Related to #3395,Related to #2977,Related to #3803
2987	OsmoBTS	osmo-bts-trx	Bug	Stalled	High	OsmoBTS RxQual/RxLev averaging broken if bursts are missign	dexter	11/05/2018 12:57 PM	Related to #2975,Related to #2978,Related to #2987,Related to #3665
2364	OsmoBTS		Bug	New	Low	OsmoBTS sends SI1 even if it is not specified/needed		07/15/2017 10:06 AM	
3299	OsmoBTS		Bug	Stalled	Normal	osmo_ortp: scheduler is not started	dexter	06/25/2018 08:02 PM	
2469	OsmoBTS		Feature	New	Low	Proper OML MO (managed object) using osmo_fsm		07/18/2019 06:08 AM	Related to #3782,Related to #3789,Related to #3788,Related to #3785,Related to #3790,Related to #3791,Related to #3795,Related to #3796
4179	OsmoBTS		Bug	New	Normal	Race condition: OsmoBTS sends empty INFO_ind to PCU socket, if not all SI arrived from BSC via RSL	osmith	09/04/2019 09:29 AM	Related to #4179,Related to #4179
1569	OsmoBTS		Feature	New	Low	Report RF interference levels as part of RF RESOURCE INDICATION		09/04/2019 09:26 AM	Related to #1569,Related to #2735,Related to #3750,Related to #4006
1578	OsmoBTS		Bug	New	Low	RSL MODE MODIFY can change multi-rate config, but not encryption parameters	osmith	09/30/2018 11:14 AM	
3058	OsmoBTS		Bug	New	Low	RSL SACCH FILLING are per TRX, not BTS scope		03/11/2018 08:55 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1570	OsmoBTS		Feature	New	Low	Select RTP payload identifier based on requested speech mode		02/23/2016 03:31 PM	
3863	OsmoBTS		Support	In Progress	Urgent	setup testing of osmo-bts-oc2g on real hardware with ttcn3 and osmocon/osmocom-bb	dexter	07/18/2019 06:04 AM	
3569	OsmoBTS		Bug	Stalled	Normal	Some phones don't receive SMS CB	laforge	01/14/2019 03:32 PM	
3703	OsmoBTS		Bug	New	Normal	sporadic failures of TC_tch_sign_l2_fill_frame test case		11/22/2018 02:58 PM	
3478	OsmoBTS		Bug	New	Normal	struct member lchan->meas.bts_tx_pwr is never set	dexter	08/20/2018 09:51 AM	
1571	OsmoBTS		Feature	New	Low	Support RTP multiplexing instead of per-call RTP streams		02/23/2016 03:32 PM	
57	OsmoBTS	osmo-bts-sysmo	Bug	New	Low	sysmobts L1 is not properly closed, DSP firmware reload is required		03/01/2018 11:16 PM	Related to #57
3665	OsmoBTS		Bug	Stalled	Normal	TTCN3 BTS_Tests last SACCH burst received too late -> wrong fake uplink measurement report	pespin	10/25/2018 09:35 AM	Related to #3665, Related to #3665, Related to #3665
1926	OsmoBTS		Feature	New	Low	unify *_mgr code		07/18/2019 06:08 AM	
1902	OsmoBTS		Feature	New	Low	unify/refactor dynamic timeslot code	sysmocom	07/18/2019 06:08 AM	Related to #1902, Related to #3099
3036	OsmoBTS		Feature	New	Normal	update vty reference -- and make it so that it can be done without manual edits	neels	03/19/2018 12:11 AM	
1579	OsmoBTS		Feature	New	Low	Use epoll		02/23/2016 03:41 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	
1898	OsmoBTS		Bug	Feedback	Low	Wrong handover detection with l1sap on wrong ss=0/ts=0		11/07/2017 09:54 PM	

#### OsmoCBC (4)

2393	OsmoCBC		Feature	In Progress	High	Implement Cell Broadcast Centre	laforge	07/18/2019 08:50 PM	Related to #6, Related to #2392, Related to #2393
3978	OsmoCBC		Bug	In Progress	High	SABP encoding/decoding routines	laforge	09/23/2019 04:46 AM	
3977	OsmoCBC		Feature	New	High	SABP stream delineation routines	laforge	09/23/2019 04:49 AM	Related to #3979
3979	OsmoCBC		Bug	In Progress	High	TTCN3 SABP support	laforge	09/23/2019 04:45 AM	Related to #3979, Related to #3979

#### Osmocom Analog (1)

3672	Osmocom Analog		Feature	New	Normal	Custom announcement and tones		10/25/2018 05:10 PM	
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#### Osmocom Conferences (OsmoDevCon + OsmoCon) (4)

11/18/2019



#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
2179	Osmocom Conferences (OsmoDevCon + OsmoCon)		Bug	New	Normal	no sign about OsmoCon outside of venue		04/24/2017 07:10 PM	
3201	Osmocom Conferences (OsmoDevCon + OsmoCon)		Bug	New	Normal	OsmoDevCon: Add one more rectangular table		04/23/2018 07:00 PM	
3200	Osmocom Conferences (OsmoDevCon + OsmoCon)		Bug	New	Normal	OsmoDevCon: Use loudspeakers even at IN-Berlin		04/23/2018 06:53 PM	
2292	Osmocom Conferences (OsmoDevCon + OsmoCon)		Bug	New	Normal	Time with community users during OsmoCon		05/25/2017 03:03 PM	

### Osmocom.org Servers (33)

3276	Osmocom.org Servers		Bug	New	Low	502 during cgit rendering of large repo / increase proxy timeout	laforge	05/17/2018 12:28 PM	
2681	Osmocom.org Servers		Bug	New	Normal	bogus user accounts + spam		11/23/2017 06:59 PM	
2492	Osmocom.org Servers		Bug	Stalled	Normal	build-2 has early/buggy Ryzen 7 core	laforge	09/06/2017 09:42 AM	
2578	Osmocom.org Servers		Feature	New	Low	DNSSEC setup for osmocom.org	laforge	10/17/2017 11:59 AM	Related to #2578
3071	Osmocom.org Servers		Bug	New	Normal	docker-in-lxc setup results in high lxcfs CPU load	laforge	03/17/2018 12:24 PM	
2579	Osmocom.org Servers		Feature	New	Low	Enable DANE for osmocom.org	laforge	10/17/2017 12:00 PM	Related to #2578
3291	Osmocom.org Servers		Feature	New	Low	gerrit - redmine integration		05/25/2018 04:34 PM	
3354	Osmocom.org Servers		Bug	New	Normal	Gerrit: wrong redirect URL after signing in		06/18/2018 09:20 PM	
4083	Osmocom.org Servers		Bug	New	Normal	git.osmocom.org: error: garbage at end of loose object	sysmocom	10/21/2019 12:15 PM	
3123	Osmocom.org Servers		Feature	New	Low	have dns zone in git.osmocom.org	laforge	03/28/2018 05:11 PM	Related to #3123
3322	Osmocom.org Servers		Feature	New	Normal	Header image needed for our OpenCollective site	tsaitgaist	06/06/2018 08:30 PM	
3471	Osmocom.org Servers		Bug	New	Normal	host2.osmocom.org not starting all services on reboot.	laforge	08/18/2018 01:50 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3308	Osmocom.org Servers		Bug	New	Normal	jenkins: master-asn1c build: "error: 'param' undeclared"		08/20/2018 04:09 PM	
1984	Osmocom.org Servers		Feature	New	Normal	make list archives more readable/accessible		03/15/2017 11:20 AM	
1673	Osmocom.org Servers		Feature	New	Normal	Make the old trac sqlite3 pages available	zecke	03/25/2016 12:34 PM	
4243	Osmocom.org Servers		Bug	New	Normal	master-simtrace2 failed to build from October 19 onwards: \$WORKSPACE environment missing	osmith	10/30/2019 08:29 AM	
3087	Osmocom.org Servers		Feature	New	Low	migrate dect.osmocom.org to new server	laforge	10/07/2018 01:52 PM	Related to #3087
2830	Osmocom.org Servers		Feature	New	Low	migrate dect.osmocom.org to redmine	zecke	10/07/2018 01:39 PM	Related to #3087
2831	Osmocom.org Servers		Feature	Stalled	Low	migrate dedected.org to osmocom.org	laforge	10/07/2018 03:25 PM	
3084	Osmocom.org Servers		Feature	New	Low	migrate dns to new server	laforge	03/28/2018 05:11 PM	Related to #3123
3257	Osmocom.org Servers		Feature	New	Low	migrate ftp to new server	laforge	05/10/2018 09:34 PM	
3307	Osmocom.org Servers		Feature	In Progress	Normal	migrate mail.osmocom.org / lists.osmocom.org to container on host2	laforge	10/07/2018 01:35 PM	Related to #3305
3080	Osmocom.org Servers		Feature	Stalled	Low	migrate nginx dispatcher to new server	laforge	05/13/2018 10:03 PM	
3303	Osmocom.org Servers		Feature	New	High	migrate openmoko.org into "archive mode" and remove dedicated server for it	laforge	10/07/2018 03:27 PM	Related to #3303
3258	Osmocom.org Servers		Feature	In Progress	Low	migrate to mailman3 + HyperKitty	laforge	10/07/2018 01:36 PM	Related to #3258
3076	Osmocom.org Servers		Feature	Stalled	Normal	migrate to new (2018-03) server "host2.osmocom.org"	laforge	05/29/2018 11:24 PM	
3083	Osmocom.org Servers		Feature	New	Normal	migrate trac to new server?	laforge	06/13/2018 09:55 AM	
3631	Osmocom.org Servers		Feature	In Progress	Normal	migrate/upgrade openmoko.org mediawiki to osmocom-host2	laforge	10/07/2018 09:29 AM	
2636	Osmocom.org Servers		Feature	New	Low	publish HTML versions of osmo-gsm-manuals		09/04/2019 09:21 AM	
2015	Osmocom.org Servers	redmine	Bug	Stalled	Normal	redmine/gerrit authentication expires too often/frequently	zecke	03/27/2018 01:44 PM	
3736	Osmocom.org Servers		Bug	In Progress	Normal	sporadic segmentation faults on jenkins build slave		12/16/2018 04:08 PM	
2945	Osmocom.org Servers	jenkins	Feature	New	Normal	Use "--config-cache" configure option to speed up builds	zecke	02/14/2018 09:50 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3085	Osmocom.org Servers		Feature	In Progress	Low	where to migrate openmoko-backup?	laforge	08/08/2018 10:38 AM	Related to #3303,Related to #3304,Related to #3305
<b>OsmocomBB (35)</b>									
1462	OsmocomBB	OsmocomBB Layer 1 (Coding)	Bug	New	High	../src/utlis.c:182:7: error: only weak aliases are supported in this configuration		02/21/2016 04:48 PM	
2913	OsmocomBB		Feature	New	Low	Add a tool that decodes Cell Broadcasts (SMSCB)		09/29/2018 09:31 AM	Related to #3564
2409	OsmocomBB		Feature	Stalled	High	Add GPRS support to virt_phy and L1CTL	laforge	07/04/2018 12:48 PM	
1458	OsmocomBB	OsmocomBB Layer 1 (Coding)	Bug	New	High	AGC broken (strong cell cannot be synced	tnt	07/18/2019 06:10 AM	Related to #3582
2690	OsmocomBB		Bug	New	Normal	ASAN issue on shutdown/no shutdown SYSINFO access		11/29/2017 09:33 AM	
1990	OsmocomBB	OsmocomBB HW Drivers	Bug	Feedback	Normal	bb nand flash	yangkokk	07/10/2017 10:22 PM	
1916	OsmocomBB		Bug	New	Normal	building GNU ARM toolchain with gcc-4.8 fails on modern texinfo		10/16/2017 02:14 PM	
1627	OsmocomBB	OsmocomBB Layer 3 (RR/MM/CC)	Support	Stalled	Low	DCS_8BIT and DCS_UCS2 encoding supprot		07/16/2018 06:53 PM	
4030	OsmocomBB		Feature	In Progress	Low	design breakout board for GTM900-B	mschramm	09/02/2019 09:34 PM	
3669	OsmocomBB		Bug	New	Normal	empty IMSI in vty		10/24/2018 04:15 PM	
2556	OsmocomBB		Feature	New	Low	Extend virt_phy and "mobile" with support for voice frames	laforge	05/10/2018 09:14 PM	Related to #2556,Related to #2556
3653	OsmocomBB	OsmocomBB HW Drivers	Bug	New	Normal	FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX		10/22/2018 02:37 PM	
2705	OsmocomBB		Bug	New	Normal	GSM48_MMR_NREG_REQ followed by GSM48_MMR_REG_REQ don't attach to the network		12/03/2017 09:50 PM	
1461	OsmocomBB	OsmocomBB Firmware	Feature	Feedback	High	include some version information / negotiation in the L1CTL protocol	fixeria	06/21/2019 11:56 AM	Related to #1461,Blocks #3400
3652	OsmocomBB	OsmocomBB mobile (host)	Bug	New	Normal	Incorrect IMEISV setting in mobile application		10/12/2018 08:20 PM	
3666	OsmocomBB	trxcon	Feature	New	Normal	Introduce VTY interface	fixeria	06/21/2019 11:56 AM	Related to #3667
3582	OsmocomBB	OsmocomBB Firmware	Feature	Stalled	Normal	Merge reading of factory RF calibration values	fixeria	03/17/2019 09:10 AM	Related to #3582,Related to #3582,Related to #3582,Related to #3801
3629	OsmocomBB		Bug	New	Normal	mobile aborting after 'test re-selection 1' on vty		10/04/2018 02:58 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3400	OsmocomBB	OsmocomBB mobile (host)	Feature	Stalled	Normal	mobile: implement GAPK based audio capture / playback (via ALSA)	fixeria	10/04/2018 09:11 PM	Blocks #3400
3399	OsmocomBB	OsmocomBB mobile (host)	Feature	Stalled	High	mobile: refactor / finish external MNCC handler implementation	fixeria	10/04/2018 09:07 PM	
1954	OsmocomBB		Bug	In Progress	Normal	Motorola C188 with Osmocombb firmwre(RAM version) can't scan out any base stations		07/10/2017 10:24 PM	
3280	OsmocomBB		Feature	New	Low	Multiparty SS support in OsmocomBB		05/22/2018 07:40 AM	

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