

## all-by-project

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
<b>Altair LTE Modems (1)</b>									
4638	Altair LTE Modems		Feature	New	Normal	Mikrotik R11e-4G mtd dump		07/02/2020 06:43 AM	
<b>Cellular Modem Information (2)</b>									
3658	Cellular Modem Information		Feature	New	Low	Create a "osmocom-bb-host-latest" docker container		12/01/2019 09:07 AM	Related to #3658
4525	Cellular Modem Information		Feature	New	Normal	MTK		05/03/2020 03:57 PM	Is duplicate of #4525
<b>Cellular Network Infrastructure (59)</b>									
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
5043	Cellular Network Infrastructure		Bug	New	Normal	CNI overview diagram lacks osmo-cbc and osmo-smlc	steviehs	02/23/2021 05:32 PM	
3567	Cellular Network Infrastructure		Bug	New	Low	coverity: move the secret token out of \$HOME/osmo-ci/.../	lynxis	07/18/2019 05:22 AM	
5041	Cellular Network Infrastructure		Bug	In Progress	Normal	Ensure VTY reference is automatically generated / updated	laforge	02/23/2021 04:47 PM	
3694	Cellular Network Infrastructure		Bug	New	Low	Fix lintian warnings in .deb packages		07/18/2019 05:20 AM	Related to #3699
4069	Cellular Network Infrastructure		Bug	New	Low	Implement IPA PING/PONG mechanism everywhere	osmith	02/06/2021 02:27 PM	Related to #4072
3382	Cellular Network Infrastructure		Bug	New	Low	Investigate and fix lintian issues listed by Debian Lintian Report	osmith	12/01/2019 09:27 AM	
3725	Cellular Network Infrastructure		Bug	Stalled	Normal	Jenkins isn't using the credentials store for uploading to rita.osmocom.org	osmith	02/06/2021 02:15 PM	Related to #3725, Related to #3725, Related to #3726, Related to #3772
3192	Cellular Network Infrastructure		Bug	New	Low	meas_vis: use the lchan identity as primary key, not the IMSI	laforge	12/01/2019 09:20 AM	Related to #3192, Related to #3192
1612	Cellular Network Infrastructure		Bug	New	Low	more configuration consistency checking	sysmocom	09/30/2018 11:48 AM	
4141	Cellular Network Infrastructure		Bug	New	Normal	No osmux specific code in place during codec negotiation	sysmocom	08/05/2019 03:57 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4108	Cellular Network Infrastructure		Bug	New	Low	osmo-ctrl2cgi, osmo-trap2cgi: missing default configs		07/16/2019 12:30 PM	Related to #4108
4131	Cellular Network Infrastructure		Bug	Stalled	Low	osmo-gsm-manuals: Use leveloffset attribute on common documents	osmith	12/01/2019 09:48 AM	Related to #4140
3417	Cellular Network Infrastructure		Bug	New	Normal	show asciidoc counters does not show all the counters available	osmith	12/01/2019 09:28 AM	Related to #3417,Related to #4848
2839	Cellular Network Infrastructure		Bug	New	Low	statistics split between 2G and 3G		07/18/2019 05:22 AM	
3660	Cellular Network Infrastructure		Bug	Stalled	Normal	TTCN3 Jenkins jobs leave Docker containers running when stopped	osmith	12/01/2019 09:31 AM	
4572	Cellular Network Infrastructure		Bug	New	Normal	ttcn3-remsim-test: runs forever	laforge	02/06/2021 01:45 PM	
3753	Cellular Network Infrastructure		Bug	New	Low	Update .deb to use dh_missing	osmith	02/06/2021 02:04 PM	Related to #3753
4883	Cellular Network Infrastructure		Bug	New	Normal	update OsmoNITB migration guide	neels	12/01/2020 08:32 AM	
4821	Cellular Network Infrastructure		Bug	New	Normal	Update working dir in systemd unit files	osmith	02/06/2021 09:12 AM	Related to #4821,Related to #4821,Related to #4821
4578	Cellular Network Infrastructure		Bug	New	High	Updated slides / presentations / videos on setting up Osmocom CNI	laforge	02/13/2021 05:35 PM	
3477	Cellular Network Infrastructure		Feature	New	Low	add a wiki page explaining interconnection between components across several machines	osmith	12/01/2019 09:29 AM	
4063	Cellular Network Infrastructure		Feature	New	Normal	Add current version information to the VTY reference manuals	osmith	12/01/2019 09:32 AM	
4587	Cellular Network Infrastructure		Feature	New	Low	Add port numbers to /etc/services during installation		06/08/2020 10:28 AM	Related to #5013
2451	Cellular Network Infrastructure		Feature	New	Low	Add static builds to jenkins jobs	osmith	09/30/2018 08:18 AM	
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
2011	Cellular Network Infrastructure		Feature	New	Low	clean-up / merge IPA (and IPA CCM) code of libosmocom, libosmo-abis, libosmo-netif, openbsc, etc.		04/15/2017 12:54 PM	Related to #4841
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
4376	Cellular Network Infrastructure		Feature	New	Normal	Define distinct X timer numbers across all osmo programs		01/23/2020 09:21 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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
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	
1590	Cellular Network Infrastructure		Feature	New	Low	Extension of Control Interface / external SNMP agent		07/18/2019 05:22 AM	
3142	Cellular Network Infrastructure		Feature	New	Low	Further simplification of "NITB like" setups	Osmocom CNI Developers	04/05/2018 08:09 PM	
3227	Cellular Network Infrastructure		Feature	New	Normal	general idea: separate GSUP spec document	roh	12/01/2019 09:26 AM	Is duplicate of #3227
3386	Cellular Network Infrastructure		Feature	New	Low	Generate man pages at build time from adoc files	osmith	05/12/2020 12:19 PM	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	Stalled	High	GSUP-to-DIAMETER converter / IWF	laforge	02/29/2020 11:27 AM	
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	04/03/2020 07:50 AM	
4277	Cellular Network Infrastructure		Feature	New	Low	implement an SMSC to work with OsmoMSC		11/22/2019 02:45 PM	
3714	Cellular Network Infrastructure		Feature	New	Low	implement Internal Handover With MSC Support	neels	02/06/2021 02:04 PM	Related to #3714
5013	Cellular Network Infrastructure		Feature	New	Low	investigate "vtysh" for Osmocom		02/06/2021 02:14 PM	Related to #5013
3699	Cellular Network Infrastructure		Feature	Stalled	Low	merge Debian patches	Hoernchen	01/08/2020 10:24 PM	Related to #3699,Related to #3753
3982	Cellular Network Infrastructure		Feature	New	Low	osmo-depcheck.py: set dependency hashes on command line	osmith	05/08/2019 11:51 AM	
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	
2537	Cellular Network Infrastructure		Feature	Feedback	Normal	package wireshark with osmocom patches	pespin	12/02/2019 09:13 AM	
1975	Cellular Network Infrastructure		Feature	New	Low	Redesigned configuration management / MIB	laforge	02/16/2021 05:59 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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
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
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
1598	Cellular Network Infrastructure		Feature	New	Low	Scripting language interface		12/10/2017 08:04 PM	
2558	Cellular Network Infrastructure		Feature	Stalled	Normal	Scripts to manage thousands of "mobile" and hundreds of osmo-bts-virtual instances		06/08/2020 07:07 PM	Related to #2557,Related to #2556,Related to #2555,Related to #2558,Blocks #2893
4107	Cellular Network Infrastructure		Feature	New	High	Start systemd services as non-root user	osmith	02/08/2021 11:35 AM	Related to #4107,Related to #4821,Related to #4107
4006	Cellular Network Infrastructure		Feature	In Progress	Normal	TRX protocol: wind of change	fixeria	02/17/2021 02:09 PM	Related to #4006,Related to #4006,Related to #4006,Related to #4081,Related to #4658,Related to #4941
4073	Cellular Network Infrastructure		Feature	Stalled	Low	try to get counter and vty reference information at compile time	Hoernchen	02/06/2021 02:17 PM	Related to #4073,Related to #4848
3670	Cellular Network Infrastructure		Feature	New	Low	TTCN-3 tests for statsd exporter code		09/04/2019 09:03 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
2385	Cellular Network Infrastructure		Feature	New	Normal	validate debian rules/control as part of jenkins build testing	osmith	02/06/2021 01:58 PM	
5045	Cellular Network Infrastructure		Feature	New	Normal	write libversion "major" on build files automatically based on LIBVERSION	pespin	02/24/2021 01:14 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

### Core testing infrastructure (9)

4789	Core testing infrastructure		Bug	New	High	no gerrit verifications on a 32bit architecture	osmith	02/06/2021 02:19 PM	Related to #4789,Related to #4789
4576	Core testing infrastructure		Bug	Stalled	High	ttn3-hlr-tests need to route multicast traffic between ttn3-hlr-test and osmo-hlr-master containers	neels	10/28/2020 09:48 PM	
5011	Core testing infrastructure		Bug	New	Normal	Warning about unrecognized escape sequence in Osmocom_CTRL_Types		02/05/2021 11:21 AM	
5049	Core testing infrastructure		Feature	In Progress	Normal	Enable ttn3 centos latest tests	osmith	03/04/2021 02:10 PM	
4692	Core testing infrastructure		Feature	In Progress	Normal	finally implement testing of the actual voice audio path	laforge	08/06/2020 08:42 PM	
4969	Core testing infrastructure		Feature	In Progress	Low	Migrate docker containers from debian 9 (stretch) to 10 (buster)	osmith	01/22/2021 11:09 AM	
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
4458	Core testing infrastructure		Feature	New	Low	Set up a STF (Smartphone Testing Farm)		03/18/2020 02:44 PM	
4704	Core testing infrastructure		Feature	New	Low	since a recent docker-playground commit "bsc: Store osmo-bts-omldummy logs out of docker container", the log output of the test is relatively large	pespin	08/12/2020 10:04 PM	

### Distributed GSM (10)

4319	Distributed GSM		Bug	In Progress	High	determine auc_3g_ind from actual source_name of a request, not from the GSUP client conn	neels	05/06/2020 12:54 AM	Related to #4319
4268	Distributed GSM		Bug	In Progress	Normal	duplicate SMS when SMPP handler sends back to the originating MSC	neels	06/08/2020 03:11 PM	
4705	Distributed GSM		Bug	New	Normal	osmo-hlr user manual: explain the mslookup domain suffix "mdns.osmocom.org", it has no mention in the user manual		08/13/2020 12:54 AM	
4706	Distributed GSM		Bug	New	Normal	osmo-mslookup-client is installed by 'make install' in osmo-hlr, but apparently is not packaged in debian		08/27/2020 06:16 AM	Related to #4732

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4306	Distributed GSM		Feature	Stalled	Low	GSUP proxy cache: store data persistently		05/20/2020 09:18 PM	Precedes #4306
4305	Distributed GSM		Feature	Stalled	Low	GSUP proxy: cache auth tuples to re-use / fall back to simpler auth methods		04/28/2020 02:37 PM	Precedes #4306
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
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	
4732	Distributed GSM		Support	New	Normal	osmo-mslookup-client cmdline tool in Distributed GSM / Multicast MS Lookup		08/27/2020 04:08 PM	Related to #4732, Related to #4732
4308	Distributed GSM		Support	New	High	thoughts about incorporating credit / billing in D-GSM		12/04/2019 04:08 PM	

### E1/T1 Hardware Interface (including icE1usb) (6)

4675	E1/T1 Hardware Interface (including icE1usb)	firmware	Feature	In Progress	Normal	Add + document vendor specific control commands	laforge	12/17/2020 06:21 PM	Blocks #4675
4910	E1/T1 Hardware Interface (including icE1usb)		Feature	New	Low	Automatically set the A / alarm bits in Tx if no signal on Rx	tnt	12/16/2020 08:20 PM	
4923	E1/T1 Hardware Interface (including icE1usb)	DAHDI driver	Feature	Stalled	Normal	DAHDI driver for icE1usb	laforge	02/06/2021 09:08 AM	
4673	E1/T1 Hardware Interface (including icE1usb)	firmware	Feature	New	Low	expose the GPS UART as CDC device	laforge	07/21/2020 02:25 PM	Blocks #4673
4672	E1/T1 Hardware Interface (including icE1usb)	firmware	Feature	New	High	firmware support for the GPSDO function	tnt	07/21/2020 02:23 PM	Blocks #4672
4914	E1/T1 Hardware Interface (including icE1usb)	firmware	Feature	New	Normal	support for second E1 line in firmware	tnt	12/17/2020 05:57 PM	

### Ericsson RBS 6xxx (2)

4859	Ericsson RBS 6xxx		Bug	New	Normal	DUG20 + RUS 01 = Admin: Locked, Power off		11/23/2020 07:22 PM	
------	-------------------	--	-----	-----	--------	---	--	---------------------	--

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4534	Ericsson RBS 6xxx		Support	Stalled	Normal	Take pictures of RBS6k gear for documentation	roh	05/20/2020 03:19 PM	
<b>FidoNet (1)</b>									
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 (10)</b>									
3459	gr-gsm		Bug	New	High	apps/grgsm_trx: AssertionError: packe t_info.packet_count == (seq_to_ack & 0xff)	ptrkrysik	08/10/2018 07:58 AM	
3458	gr-gsm		Bug	Feedback	High	apps/grgsm_trx: [ERROR] [STREAMER] rcv packet demuxer unexpected sid 0xXX		09/21/2018 10:12 AM	Related to #3692
3662	gr-gsm		Bug	New	Normal	not building on OSX 10.13.4		10/29/2018 08:52 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	
5038	gr-gsm		Bug	New	Low	Warnings in cmake.log and make.log		02/21/2021 08:14 PM	
4068	gr-gsm		Feature	New	Normal	Implement a GNU Radio block for frequency hopping	ptrkrysik	06/21/2019 11:40 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	
3424	gr-gsm		Feature	New	Normal	Transceiver: implement automatic TX delay measurement	ptrkrysik	07/26/2018 08:22 PM	
<b>gr-osmosdr (26)</b>									
3663	gr-osmosdr		Bug	New	Normal	Can't compile gr-osmosdr on macOS Mojave		10/19/2018 02:37 PM	
4325	gr-osmosdr		Bug	New	Normal	can't open hackrf_sink with device index		12/13/2019 09:18 AM	
3855	gr-osmosdr		Bug	New	Normal	Cannot build gr-osmosdr with Gnuradio 3.8	horiz0n	07/13/2020 10:05 PM	
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	
4484	gr-osmosdr		Bug	New	Normal	CMakeFiles.txt		04/06/2020 05:19 PM	
4359	gr-osmosdr		Bug	New	Normal	Compiling from Git Bramcj gr3.8 fails		01/12/2020 05:08 PM	
2824	gr-osmosdr		Bug	New	High	Corrupted double-linked for Raspbian Stretch when running osmocom_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	
4950	gr-osmosdr		Bug	New	Normal	gr-osmosdr doesn't find iqbalance during build		02/22/2021 02:46 AM	
3462	gr-osmosdr		Bug	New	Normal	gr-osmosdr installation bladerf conversion errors	horiz0n	07/18/2019 05:35 AM	
5008	gr-osmosdr		Bug	New	Normal	Quoted whitespace parsing problem in source_impl::source_impl		02/04/2021 02:16 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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	
2216	gr-osmosdr		Bug	New	Normal	uhd: LO offset doesn't seem to work properly		06/03/2018 12:08 PM	
4942	gr-osmosdr		Bug	New	Normal	XTRX: Unable to compile due to error	RFNOD	01/12/2021 08:29 PM	
4098	gr-osmosdr		Bug	New	Normal	[BladeRF micro] Arguments set in osmocomb Sink and Source are not passed to libbladerf	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	
5021	gr-osmosdr		Feature	New	Normal	Please add support for gnuradio-3.9		02/18/2021 12:08 PM	
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	
3596	gr-osmosdr		Feature	New	Normal	TX Tags		09/25/2018 04:01 PM	
3512	gr-osmosdr		Support	New	Normal	Bug #3462 on Arch Linux; gr-osmosdr install fails	horiz0n	01/26/2019 06:10 PM	
3819	gr-osmosdr		Support	New	Urgent	OSMO SDR blocks for GNUradio		02/28/2019 06:00 PM	

### GSM Audio Pocket Knife (2)

3398	GSM Audio Pocket Knife		Bug	New	Low	build: configure fails if (optional) libalsa wasn't found	fixeria	12/01/2019 10:08 AM	
2514	GSM Audio Pocket Knife		Bug	Stalled	Normal	GSM HR encoding result does not match the reference	fixeria	04/03/2019 08:37 AM	

### IMSI Pseudonymization (15)

4480	IMSI Pseudonymization	Applet	Bug	New	Normal	Applet/OsmoMSC: fix or workaround for OsmoMSC only paging attached MS		04/16/2020 08:45 AM	Related to #4480
4417	IMSI Pseudonymization	Applet	Bug	New	Normal	Applet: LU counter should only increase on successful location update		04/16/2020 08:45 AM	Related to #4478
4479	IMSI Pseudonymization	Applet	Feature	New	Normal	Applet: change IMSI after receiving SMS		04/16/2020 08:45 AM	
4486	IMSI Pseudonymization	Applet	Feature	New	Normal	Applet: gracefully handle case where timer is set twice		04/16/2020 08:45 AM	
4478	IMSI Pseudonymization	Applet	Feature	New	Normal	Applet: proper warning after too many LU with same IMSI		04/16/2020 08:45 AM	Related to #4478



#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4481	IMSI Pseudonymization	Applet	Feature	New	Low	Applet: test various REFRESH qualifiers to possibly shorten the time for changing the IMSI		04/16/2020 08:45 AM	
4403	IMSI Pseudonymization	OsmoHLR	Feature	Feedback	Normal	OsmoHLR: How to interface with SMS service?		04/16/2020 08:45 AM	Blocks #4477
4477	IMSI Pseudonymization	OsmoHLR	Feature	New	Normal	OsmoHLR: send next pseudo IMSI via SMS		04/16/2020 08:45 AM	Blocks #4477, Blocks #4477
4476	IMSI Pseudonymization	OsmoHLR	Feature	Stalled	Normal	OsmoHLR: support IMSI pseudo in location update	neels	05/27/2020 01:11 PM	Blocks #4477
4404	IMSI Pseudonymization		Feature	Stalled	Normal	Research: Make sure that we can silently detach the IMSI		04/15/2020 10:06 AM	Related to #4404, Related to #4480
4494	IMSI Pseudonymization	Specification	Feature	New	Normal	Specification: Add bibliography	neels	05/27/2020 01:11 PM	
4493	IMSI Pseudonymization	Specification	Feature	New	Normal	Specification: Cover 2G, 3G and 4G separately	neels	05/27/2020 01:11 PM	
4490	IMSI Pseudonymization	Specification	Feature	New	Normal	Specification: how would IMSI-pseudo interact within a combined (2G-4G)+5G network?		04/16/2020 08:44 AM	
4489	IMSI Pseudonymization	Specification	Feature	New	Normal	Specification: mark mandatory parts / implementation details as such		04/16/2020 08:44 AM	
4495	IMSI Pseudonymization	Specification	Feature	New	Normal	Specification: More references	neels	05/27/2020 01:11 PM	

#### libosmo-abis (5)

4464	libosmo-abis		Bug	In Progress	Normal	"osmo_rtp_socket_poll(): ERROR!" messages during normal osmo-bts usage	laforge	02/06/2021 02:27 PM	Related to #4467
3622	libosmo-abis		Bug	New	Normal	Clear API mess in sign_link_up callback	pespin	10/02/2018 07:34 PM	
2571	libosmo-abis		Bug	New	Low	libosmo-abis API documentation missing (doxygen)	osmith	02/06/2021 02:27 PM	
2717	libosmo-abis		Bug	New	Low	libosmo-abis doesn't use ipa_ccm_make_id_resp()		12/06/2017 05:47 PM	
4860	libosmo-abis		Feature	New	Normal	Implement separation of line/TEI/datalinks in E1 pcap	keith	11/12/2020 05:54 PM	

#### libosmo-netif (4)

2440	libosmo-netif		Bug	New	Normal	Osmux: Improve lost packet recreation mechanism		12/01/2019 10:11 AM	Blocks #2439
3006	libosmo-netif		Bug	New	Low	Osmux: improvements on lost/dropped RTP packets		09/30/2018 08:34 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
2439	libosmo-netif		Bug	New	Normal	Osmux: overwrite duplicated RTP packets instead of dropping them		12/01/2019 10:11 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 (1)</b>									
3420	libosmo-ranap		Bug	Stalled	Normal	ranap_transp_assoc_decode() decodes X.213 NSAP address headers as IP address	osmith	02/06/2021 04:22 PM	
<b>libosmo-sccp + libosmo-sigtran (20)</b>									
4457	libosmo-sccp + libosmo-sigtran		Bug	New	Normal	editing the SCCP address book (global-title) on a running instance may crash the application		03/17/2020 11:17 PM	
3921	libosmo-sccp + libosmo-sigtran		Bug	New	Normal	high local reference numbers get cut off		04/12/2019 01:23 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
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
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	
4925	libosmo-sccp + libosmo-sigtran		Bug	New	Normal	SCTP multihoming / ABORT between osmo-msc and osmo-stp		01/04/2021 11:32 AM	Related to #4926
4607	libosmo-sccp + libosmo-sigtran		Bug	New	Low	unable to remove a remote IP address of an ASP	pespin	06/10/2020 12:48 PM	
4608	libosmo-sccp + libosmo-sigtran		Feature	New	Low	"action" commands to interactively shutdown/re-enable/restart sigtran connections	laforge	06/10/2020 01:12 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
2008	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement Global Title Translation		04/10/2017 12:05 PM	
2007	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement GT based routing		04/10/2017 12:04 PM	
2006	libosmo-sccp + libosmo-sigtran		Feature	New	Low	Implement M2PA support		04/10/2017 12:04 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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	
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	
4635	libosmo-sccp + libosmo-sigtran		Feature	New	Normal	quirks when initializing SS7 ASP		06/25/2020 04:46 PM	Related to #4635
4372	libosmo-sccp + libosmo-sigtran		Feature	New	Normal	Replace osmo_sccp_timer_val with osmo_tdef		01/21/2020 02:30 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	
<b>libosmocore (64)</b>									
4700	libosmocore		Bug	Feedback	Normal	'socket' C test fails when there is no IPv6	neels	08/25/2020 02:14 PM	
4265	libosmocore		Bug	New	Normal	--enable-embedded doesn't work as expected		11/12/2019 11:18 AM	
4388	libosmocore	libosmocore	Bug	New	High	bitvec: bitvec_read_field() can never return negative value on error		02/18/2020 11:02 PM	
4885	libosmocore		Bug	New	Normal	configure doesn't check for python3		12/02/2020 03:36 AM	
2688	libosmocore		Bug	New	Normal	CTRL iface: make rate_ctr request parser more strict		11/29/2017 01:40 PM	Related to #4443
4443	libosmocore	libosmoctrl	Bug	New	Normal	CTRL interface blocks wildcard in rate_ctr		03/08/2020 01:06 PM	Related to #4443,Related to #4443
4783	libosmocore		Bug	New	Low	doxygen: duplicate 'ports.h' warning		10/07/2020 01:29 PM	
4908	libosmocore		Bug	New	Normal	Errors compiling with -std=c++14		03/01/2021 03:38 PM	
4746	libosmocore	libosmogb	Bug	New	Normal	gb: NS2: implement a NSE based logfilter		11/14/2020 08:42 AM	
4803	libosmocore	libosmogb	Bug	In Progress	Urgent	gprs_ns2: rework logging of Rx/Tx messages using ll_str()	lynxis	01/20/2021 11:48 AM	
4842	libosmocore	libosmogb	Bug	New	Normal	gsm0408 test fails on several architectures	neels	11/14/2020 08:42 AM	
3693	libosmocore		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	
4993	libosmocore	libosmogsm	Bug	New	Low	gsm_septets2octets: warning: use of NULL 'rdata' where non-null expected [CWE-690] [-Wanalyzer-null-argument]	fixeria	01/29/2021 08:49 PM	
4074	libosmocore	libosmogsm	Bug	New	High	LAPD timers completely broken	Osmocom CNI Developers	01/30/2021 09:58 PM	Related to #4074,Related to #4487

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3626	libosmcore	libosmogsm	Bug	New	Low	LAPDm code pulls both 'l1h' and 'l2h' of msgb	fixeria	11/27/2018 09:43 PM	
4731	libosmcore	libosmogsm	Bug	Stalled	Normal	LAPDm does not implement SAPI priorities between data link layers	fixeria	08/28/2020 11:21 AM	Related to #4731,Related to #4731
4304	libosmcore	libosmogsm	Bug	New	Low	missing unit tests for many gsm48_{encode,decode} functions		12/04/2019 01:50 PM	
3388	libosmcore	libosmogb	Bug	New	Low	NS-RESET / NS-UNBLOCK / NS-BLOCK are not specified over IP/UDP		12/01/2019 10:17 AM	Related to #3388
5035	libosmcore	libosmogb	Bug	New	Normal	ns2: add a vty to drop a sns connection		02/19/2021 12:20 PM	
5015	libosmcore	libosmogb	Bug	New	Normal	ns2: add consistency check for ns configuration as callback		02/09/2021 04:22 PM	
5036	libosmcore	libosmogb	Bug	In Progress	High	ns2: add support for BSS SNS procedures (e.g. adding a bind to a SNS on the BSS)	lynxis	03/04/2021 10:29 AM	
5028	libosmcore		Bug	New	Normal	ns2: add uptime for NSE & NSVC		02/16/2021 08:59 PM	
4855	libosmcore	libosmogb	Bug	New	Normal	ns2: Better formatting for show ns	daniel	11/19/2020 02:21 AM	
5048	libosmcore	libosmogb	Bug	New	Normal	ns2: BSS SNS: testcase add bind, update weight before answering the procedure	lynxis	03/04/2021 10:28 AM	
5026	libosmcore		Bug	New	Normal	ns2: ensure link states are logged		02/16/2021 09:30 AM	
4939	libosmcore		Bug	In Progress	High	ns2: implement block and unblock	lynxis	02/19/2021 12:52 PM	
5039	libosmcore	libosmogb	Bug	New	Normal	ns2: sns: write a test to check 48.016 7.4b.1.1: when all signalling NSVC fails, reset the SNS fsm to do a SIZE		02/22/2021 02:59 PM	
5016	libosmcore		Bug	New	Normal	ns2: what happens when a dynamic NSE is present, but the user tries to configure it via vty		02/09/2021 04:34 PM	
5006	libosmcore	libosmogb	Bug	New	Normal	NS2: Wrong state for NSVC that never comes up	lynxis	02/12/2021 12:48 PM	Related to #5006
4149	libosmcore		Bug	New	Normal	osmo_fsm allows event names to have spaces in them	laforge	12/01/2019 10:28 AM	
3983	libosmcore		Bug	New	Normal	osmo_fsm_inst_change_parent() forgets to talloc reparent		05/08/2019 08:00 AM	
3909	libosmcore		Bug	New	Normal	osmo_get_rand_id() fails in containerised environment		04/07/2019 04:05 PM	Related to #3909
1762	libosmcore		Bug	New	Normal	Review LAPD code for race conditions regarding state, particularly in RELEASE	laforge	12/21/2020 04:51 PM	Related to #1760,Related to #1761,Related to #1982,Related to #2694
3867	libosmcore		Bug	New	Low	Some older Osmocom program releases don't build against current master libosmo*	osmith	03/15/2020 08:36 AM	Related to #3867
4104	libosmcore		Bug	New	Normal	support for KASME generation	laforge	07/12/2019 10:15 AM	Related to #4105

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4508	libosmcore	libosmocoding	Bug	New	High	Viterbi Conv decoder performance	Hoernchen	01/12/2021 05:11 PM	
5029	libosmcore	libosmovty	Bug	New	Normal	vty: optional cases with multiple arguments is undefined behaviour		02/18/2021 05:44 PM	
4797	libosmcore	libosmogb	Bug	Feedback	Normal	vty: the output of 'show ns' command is confusing	fixeria	10/23/2020 05:35 PM	
4727	libosmcore		Feature	Stalled	Normal	Add more distro/platform/archs to jenkins CI	osmith	02/06/2021 09:40 AM	
5032	libosmcore		Feature	Feedback	Normal	Add VTY option to write TID in log line prefix	pespin	02/18/2021 05:40 PM	Related to #5032
4311	libosmcore		Feature	Stalled	Normal	blocking stderr output inhibits the program?	laforge	02/07/2021 11:02 PM	
3521	libosmcore		Feature	New	Normal	core/utls: engineering notation helpers	fixeria	09/04/2018 08:32 PM	
4053	libosmcore	libosmoctrl	Feature	New	Low	CTRL: Add CTRL cmd introspection to print documentation		01/08/2020 10:21 PM	Related to #4053,Related to #4443
1716	libosmcore		Feature	New	Normal	enhance unit test coverage		08/17/2016 03:57 PM	Related to #1987,Precedents #1717
4591	libosmcore		Feature	New	Normal	Export FSM states and statistics with counters		06/07/2020 08:08 PM	
4590	libosmcore		Feature	New	Normal	Export talloc data as counters for better memory leakage monitoring in production		06/07/2020 02:28 AM	
1987	libosmcore		Feature	New	Normal	gcov code coverage test support		12/01/2019 01:42 PM	Related to #1987,Is duplicate of #1987
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	laforge	12/08/2020 12:31 PM	
2712	libosmcore	libosmcore	Feature	New	Low	implement reproducible talloc context printout, i.e. without memory addresses		01/08/2020 10:21 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
3522	libosmcore	libosmocoding	Feature	New	Low	libosmocoding: move TCH ordering functions to libosmocodec and share them	fixeria	09/04/2018 08:49 PM	
5034	libosmcore		Feature	Stalled	Low	logging: Enable category name instead of hex val by default	pespin	03/01/2021 10:57 AM	
4998	libosmcore	libosmogb	Feature	New	Normal	ns2: packet/byte counters rx/tx per NSE, not just per NSVC		01/31/2021 08:58 AM	
2610	libosmcore		Feature	New	Low	optimize GnuTLS fallback		05/01/2018 04:07 PM	Related to #2610,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	
2186	libosmcore		Feature	New	Low	split libosmcrypto		10/05/2017 06:25 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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	
4609	libosmcore		Feature	New	Low	VTY commands for uptime, PID and for terminating process	osmith	02/06/2021 09:50 AM	
2676	libosmcore		Support	Stalled	Normal	Document stat_item	daniel	05/12/2020 12:00 PM	Related to #2676
2677	libosmcore		Support	New	Normal	Make stat_item available over ctrl interface		09/04/2019 09:21 AM	Related to #2676

#### linmodem (9)

2803	linmodem		Bug	New	Low	return ERROR for unsupported AT commands		01/01/2018 12:19 PM	
2797	linmodem		Bug	New	Normal	X11 support is 16bit plane only		01/01/2018 02:48 PM	
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 ptmx / 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	
2799	linmodem		Feature	New	Normal	SIP client support		01/01/2020 08:05 PM	
2801	linmodem		Feature	New	Normal	V.90 completion		01/01/2018 12:18 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	Low	test setup for Linux kernel GTP-U tunneling module	osmith	02/06/2021 12:17 PM	Related to #3208, Related to #5012

#### M.2 (NGFF) WWAN modem USB breakout board (5)

4782	M.2 (NGFF) WWAN modem USB breakout board		Bug	In Progress	Normal	ngff-breakout doesn't work for RM500Q	mschramm	02/01/2021 01:22 PM	
------	--	--	-----	-------------	--------	---------------------------------------	----------	---------------------	--

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
5000	M.2 (NGFF) WWAN modem USB breakout board		Bug	New	Normal	SMA placement and count	mschramm	02/01/2021 08:03 PM	
5001	M.2 (NGFF) WWAN modem USB breakout board		Bug	New	Low	W_DISABLE should be pulled high to 3.3V	mschramm	02/01/2021 11:12 PM	
4909	M.2 (NGFF) WWAN modem USB breakout board		Feature	New	Normal	DC for 5V Input		12/15/2020 10:03 PM	
5002	M.2 (NGFF) WWAN modem USB breakout board		Feature	New	Normal	Ensure current return paths via M.2 connector are sufficient	mschramm	02/05/2021 11:27 PM	

#### Misc Hardware Projects (1)

3566	Misc Hardware Projects		Feature	Stalled	Low	build charger for gsm-r toys	laforge	12/01/2019 10:30 AM	
------	---------------------------	--	---------	---------	-----	------------------------------	---------	---------------------	--

#### Miscellaneous Projects (2)

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	12/10/2019 11:53 AM	

#### Mobile (in)Security (7)

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	

#### multivoltage USB UART (1)

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3038	multi-voltage USB UART		Feature	New	Normal	Add mounting holes?		03/07/2018 02:12 AM	
<b>OP25 (21)</b>									
3776	OP25		Bug	New	Normal	Build fail using gcc version 7.3.0 Ubuntu 18.04.1 LTS		07/05/2019 07:12 PM	
2169	OP25		Bug	New	High	First-cut of trunking support		04/22/2017 04:15 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	
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	
4130	OP25		Bug	New	Normal	OP25 User Interface		07/26/2019 02:36 AM	
3531	OP25		Bug	New	Normal	Unknown status of the p25 wireshark plugin		06/07/2020 06:40 PM	
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	
4455	OP25		Feature	New	Normal	AMBE CODEC		03/28/2020 09:53 PM	
2158	OP25		Feature	New	High	Create a shared library for decoding for WireShark and the decoder.		04/22/2017 04:16 PM	
2157	OP25		Feature	New	High	Fix "traffic" tab so it displays data for non-HDU data units		04/22/2017 04:16 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	
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	
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	
4593	OP25		Support	New	Normal	Link to samples on the wiki is dead	matt	06/07/2020 06:53 PM	
4225	OP25		Support	New	Normal	Missing rules in cmake lists?	2CS350	10/12/2019 02:49 PM	
<b>OpenBSC (1)</b>									
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	
<b>osmo-ccid-firmware (4)</b>									
4776	osmo-ccid-firmware		Bug	New	Normal	Reader does not answer to GET CLOCK FREQUENCIES command	Hoernchen	10/03/2020 07:31 PM	
4777	osmo-ccid-firmware		Bug	New	Normal	Reader does not answer to GET DATA RATES command	Hoernchen	10/14/2020 02:36 PM	



#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4822	osmo-ccid-firmware		Bug	New	Normal	sysmoOCTSIM with osmo-ccid-firmware sometimes fails to enumerate on USB		10/20/2020 07:53 PM	
4806	osmo-ccid-firmware		Feature	New	Low	Add support of T=1?		10/15/2020 03:40 PM	
<b>osmo-clock-conv (2)</b>									
4809	osmo-clock-conv		Feature	New	Low	alignment of DC barrel with face plate	laforge	10/16/2020 05:29 PM	Related to #4814
4810	osmo-clock-conv		Feature	New	Normal	horizontal DC input on rear side of PCB	mschramm	10/15/2020 10:53 PM	
<b>osmo-clock-gen (4)</b>									
4814	osmo-clock-gen		Bug	New	Low	alignment of DC barrel with face plate	mschramm	10/16/2020 05:30 PM	Related to #4814
4857	osmo-clock-gen		Bug	In Progress	Normal	FLV9001IDBVR no longer in stock ag digikey	mschramm	11/11/2020 03:28 PM	
4431	osmo-clock-gen		Bug	In Progress	Normal	TC1 (TC2050) pin 4 should connect to VDD network, not VDD_3V3	laforge	07/20/2020 10:42 PM	
4678	osmo-clock-gen		Feature	New	Low	Increase mounting hole size to support M3 screws	mschramm	07/25/2020 08:43 PM	
<b>osmo-e1d (3)</b>									
4916	osmo-e1d		Bug	New	Normal	USB unplug / replug renders e1d unusable	laforge	12/18/2020 10:28 AM	
4915	osmo-e1d		Feature	New	Normal	consider a one-thread-per-line architecture		12/18/2020 10:22 AM	
4917	osmo-e1d		Feature	In Progress	Normal	reporting of alarms/errors known to the icE1usb	laforge	12/19/2020 04:44 PM	
<b>osmo-fl2k (3)</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	
3210	osmo-fl2k		Feature	New	Low	man pages	steve-m	04/24/2018 08:55 PM	
<b>osmo-gbproxy (20)</b>									
5040	osmo-gbproxy		Bug	New	High	Block all BSS-NSVC if no SGSNs are available	daniel	02/23/2021 11:00 AM	
4952	osmo-gbproxy		Bug	New	High	Fix NRI routing in case SGSN is down	daniel	02/19/2021 01:13 PM	Related to #4952, Related to #4952
4891	osmo-gbproxy		Bug	In Progress	Urgent	gbproxy2: Implement processing of BVC-Flow-Control via BVC FSM	laforge	12/12/2020 06:15 PM	Related to #4891

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4897	osmo-gbproxy		Bug	New	Normal	gbproxy2: Re-introduce handling of NS_AFF_CAUSE_FAILURE	daniel	12/08/2020 08:02 AM	Related to #4897, Related to #4952
4894	osmo-gbproxy		Bug	New	Low	gbproxy2: Revisit information storage	daniel	02/06/2021 11:12 AM	Related to #4894
4892	osmo-gbproxy		Bug	New	Normal	gbproxy2: Route BSSGP-STATUS based on "Erroneous PDU IE"	daniel	01/25/2021 11:34 AM	Related to #4892
4874	osmo-gbproxy		Bug	In Progress	High	gbproxy: memory leak related to FR	daniel	02/05/2021 08:12 PM	
4889	osmo-gbproxy		Bug	In Progress	Normal	implement truncating of BSSGP STATUS when exceeding the FR MTU	daniel	02/12/2021 04:16 AM	Related to #4889
4968	osmo-gbproxy		Bug	New	Normal	Multiple TTCN3 tests only expect one SGSN		01/25/2021 09:34 AM	Related to #4968
4876	osmo-gbproxy		Bug	Feedback	Urgent	proper naming / identification of NS-VC FSMs	laforge	01/17/2021 07:29 PM	
4960	osmo-gbproxy		Bug	New	High	VTY doesn't show BVCs getting blocked on transport network failure	daniel	01/19/2021 08:34 PM	
4961	osmo-gbproxy		Feature	New	Normal	gbproxy support for "network sharing" via MOCN		01/20/2021 08:38 PM	
4523	osmo-gbproxy		Feature	New	Normal	Complete osmo-gbproxy user manual	daniel	11/16/2020 06:10 PM	
4893	osmo-gbproxy		Feature	New	Low	gbproxy2: Make feature bitmap configurable		12/08/2020 07:55 AM	Related to #4893
4520	osmo-gbproxy		Feature	In Progress	Normal	gbproxy: Redundancy between NS-VCs (BSS Side)	lynxis	02/19/2021 04:50 PM	Related to #4520
4521	osmo-gbproxy		Feature	New	Normal	gbproxy: Redundancy between NS-VCs (SGSN Side)	laforge	01/19/2021 05:24 PM	Related to #4959
4522	osmo-gbproxy		Feature	New	High	gbproxy: Redundancy within proxy pair	daniel	02/22/2021 03:53 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4472	osmo-gbproxy		Feature	In Progress	High	Intra-domain connection of OsmoGBPROXY to multiple SGSNs (pooling)	daniel	02/12/2021 10:06 PM	Related to #4472,Related to #4897,Related to #4896,Related to #4895,Related to #4894,Related to #4893,Related to #4892,Related to #4891,Related to #4890,Related to #4889,Related to #4951,Related to #4954
4951	osmo-gbproxy		Feature	In Progress	Urgent	more TTCN3 tests for SGSN pooling	laforge	01/17/2021 04:39 PM	Related to #4951,Related to #4952
4877	osmo-gbproxy		Feature	New	High	show frame relay DLC state	lynxis	02/19/2021 12:52 PM	
<b>osmo-pcap (1)</b>									
4317	osmo-pcap		Bug	New	Low	external tests not enabled in jenkins.sh		12/10/2019 02:42 PM	
<b>osmo-qcdiag (8)</b>									
4781	osmo-qcdiag		Bug	New	High	get hoernchen/gsmstap branch merged	Hoernchen	10/06/2020 03:18 PM	
1907	osmo-qcdiag		Bug	New	Normal	osmo-qcdiag detects CRC errors relatively often		01/23/2017 01:47 AM	
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	Feedback	Normal	wireshark: fix decoding of (E)GPRS RLC/MAC frames	Hoernchen	02/08/2021 08:07 PM	
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	
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	
<b>osmo-remsim (6)</b>									
4409	osmo-remsim	remsim-client	Bug	Stalled	Low	osmo-remsim-client-st2 (or firmware?) gets stuck on PTS	Hoernchen	02/06/2021 08:55 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4249	osmo-remsim		Feature	New	Normal	ability to explicitly provision an "empty SIM card slot" to a modem	laforge	12/03/2019 12:15 AM	
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
3884	osmo-remsim	remsim-bankd	Feature	New	Normal	redesign bankd thread architecture	laforge	05/08/2019 03:31 PM	Precedes #3885,Precedes #3886
3887	osmo-remsim	remsim-client	Feature	New	Low	remsim-client: allow for local handling of APDUs	laforge	12/03/2019 12:20 AM	
3885	osmo-remsim		Feature	New	Normal	remsim-server should expose status information	laforge	04/01/2019 07:23 PM	Precedes #3885

### osmo-sip-connector (12)

3763	osmo-sip-connector		Bug	New	Normal	Implement correct handling for call answered elsewhere		01/22/2019 01:03 PM	
4352	osmo-sip-connector		Bug	New	Normal	Need to handle 401 Unauthorized		01/09/2020 02:03 PM	
1683	osmo-sip-connector		Bug	Stalled	Low	osmo-sip-connector: Implement codec selection / move codec selection to osmo-msc	neels	09/23/2020 02:02 PM	Related to #1683,Related to #1683,Related to #1683,Related to #1683,Related to #3650
3518	osmo-sip-connector		Bug	In Progress	Normal	Rapid SETUP followed DISC results in lingering B-leg	keith	04/24/2019 08:39 AM	
4310	osmo-sip-connector		Bug	New	Normal	sends BYE to self		01/09/2020 09:21 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
4762	osmo-sip-connector		Feature	New	Low	Osmo Analog Support		09/25/2020 07:31 AM	Related to #4763
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		01/08/2020 10:56 PM	
1686	osmo-sip-connector		Feature	New	Normal	osmo-sip-connector: Implement call holding on SIP		10/20/2020 08:36 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1685	osmo-sip-connect or		Feature	In Progress	Normal	osmo-sip-connector: Review and define log statements and which info to include	osmith	09/04/2019 09:31 AM	
<b>osmo-uecups (3)</b>									
4496	osmo-uecups		Feature	New	Low	implement filters for sharing as single tun device between multiple bearers	laforge	04/17/2020 08:31 AM	
4498	osmo-uecups		Feature	New	Normal	IPv6 neighbor discovery	laforge	04/17/2020 08:33 AM	
5012	osmo-uecups		Feature	New	Low	use osmo-uecups from GGSN_Tests.ttcn	pespin	02/06/2021 10:02 AM	Related to #5012
<b>OsmoBSC (103)</b>									
4614	OsmoBSC	Ericsson BTS	Bug	Stalled	Low	"bogus channel load sample" when using BS-11, Nokia or Ericsson BTS	laforge	02/13/2021 05:34 PM	
4975	OsmoBSC		Bug	Stalled	Normal	A5/2 is preferred over A5/1, despite its lower security!	osmith	02/08/2021 10:23 AM	
3737	OsmoBSC		Bug	New	Low	abort because unused lchan has non-null conn pointer, after AMR config error		05/08/2019 03:35 PM	
3787	OsmoBSC		Bug	New	Low	Assignment Request modifies conn->codec_list before the Assignment is successful		01/08/2020 10:25 PM	Related to #3833
3786	OsmoBSC		Bug	New	Low	Assignment Request modifies conn->lcls state before the Assignment is successful		01/08/2020 10:25 PM	
1614	OsmoBSC		Bug	Stalled	Normal	better identification of BTS model / capabilities to BSC		05/12/2020 12:11 PM	Related to #1614, Related to #2316, Related to #2317, Related to #3799, Related to #3938
4872	OsmoBSC		Bug	New	Normal	BSC reports "abis_rsl.c:143 (bts=2, trx=0, ts=0, pchan_from_config=CCCH+SDCCH4, state=NOT_INITIALIZED) Abis RSL rx CCHAN: mismatching chan_nr=0x90"	pespin	11/28/2020 12:46 AM	
4930	OsmoBSC		Bug	New	Normal	bsc: cbc: vty: "no remote-ip" in cbc > client		12/31/2020 10:42 PM	
4670	OsmoBSC	Ericsson BTS	Bug	New	Normal	CF / Calendar Time Request: MO object should not generate any message	laforge	07/19/2020 02:03 PM	Related to #4670
2899	OsmoBSC		Bug	New	Low	channel attributes are sent to BTS even for NONE channels	osmith	09/30/2018 10:42 AM	
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	
3833	OsmoBSC		Bug	New	Low	Fix storage location of AMR S15-S0 bits	neels	10/28/2020 09:12 PM	Related to #3833

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4647	OsmoBSC		Bug	New	Low	Getting attributes from BTS0 type nokia_site is not supported.		07/04/2020 09:05 AM	
4858	OsmoBSC		Bug	New	Normal	handover CHANnel ACTIVation: BSC sends timing advance for lchan activation in a different cell		11/10/2020 05:41 PM	
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
2964	OsmoBSC		Bug	New	Low	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	12/16/2019 03:02 PM	Related to #1606
3002	OsmoBSC	Handover	Bug	New	Normal	HO2: handover decision for dynamic timeslots	neels	10/28/2020 08:46 PM	Related to #1606,Related to #1608,Blocks #3002
4070	OsmoBSC	A-bis RSL	Bug	Stalled	Normal	Implement IPA PING/PONG mechanism on RSL and OML	osmith	09/30/2020 08:13 PM	
4560	OsmoBSC		Bug	New	Normal	inter-BSC HO: target cell fails when there is no TCH, only dynamic TCH/F_PDCH timeslots	neels	05/20/2020 09:00 PM	
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	
3642	OsmoBSC		Bug	New	Low	logging filter imsi leaks bsc_subscr references		10/09/2018 10:04 PM	
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
5018	OsmoBSC		Bug	New	High	neighbor config broken: need separate neighbor section, but 'write file' puts the config back inline	neels	02/11/2021 10:04 AM	
69	OsmoBSC		Bug	New	Low	No timers for various calls		12/10/2017 07:53 PM	
4649	OsmoBSC	Ericsson BTS	Bug	New	Low	OM2K SI5ter: abis_rsl.c:1237 (bts=0,trx=0) ERROR REPORT (cause=Service or Option not available [ 3f ])	laforge	07/04/2020 07:13 PM	
4645	OsmoBSC	Ericsson BTS	Bug	New	Normal	OM2K: "Sequence Error" due to too early initialization of RSL during BTS start	laforge	07/04/2020 07:24 PM	
4643	OsmoBSC	Ericsson BTS	Bug	New	Normal	OM2K: 'MO object should not generate any message'	laforge	07/03/2020 06:38 PM	Related to #4670
4589	OsmoBSC		Bug	New	Normal	osmo-bsc crashes with "lchan allocation failed in state WAIT_RF_RELEASE_ACK: Timeout"		06/06/2020 10:40 PM	
3357	OsmoBSC		Bug	New	Low	osmo-bsc doesn't perform RSL MODE MODIFY on ASSIGNMENT if channel is compatible.	sysmocom	05/12/2020 12:14 PM	Related to #3357

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4832	OsmoBSC		Bug	Stalled	Low	osmo-bsc hard-releases lchan if no MSC is found	neels	02/06/2021 09:28 AM	Related to #4832,Related to #4832
4919	OsmoBSC		Bug	In Progress	Normal	osmo-bsc master fails to bring up Ericsson RBS	laforge	12/20/2020 10:22 PM	
4848	OsmoBSC		Bug	New	Normal	osmo-bsc user manual shows tables with per-bts counters three (!) times	daniel	11/04/2020 04:14 PM	Related to #4848,Related to #4848
4881	OsmoBSC	Ericsson BTS	Bug	Feedback	Normal	osmo-bsc with unixsocket to osmo-el2tpd fails to bring up rbs6k (dug20+rrus12)	firs	01/01/2021 10:10 AM	
3806	OsmoBSC	A interface	Bug	Stalled	Normal	OsmoBSC accepts BSSAP with wrong length field		08/28/2020 08:15 PM	Related to #3806
4553	OsmoBSC	A interface	Bug	New	Normal	OsmoBSC doesn't handle RESET IP RESOURCE BSSMAP message		05/16/2020 07:44 PM	
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	
4766	OsmoBSC	PCU Interface	Bug	New	Normal	pcu interface: add app info request		09/26/2020 10:21 PM	
4768	OsmoBSC	PCU Interface	Bug	New	Normal	pcu interface: add missing field ts, trx on rach indication	lynxis	09/30/2020 08:10 PM	
4767	OsmoBSC	PCU Interface	Bug	New	Normal	pcu interface: add suspend request support		09/29/2020 04:40 PM	
4683	OsmoBSC	Ericsson BTS	Bug	New	Normal	properly report OM2000 bring-up problems	laforge	07/30/2020 06:50 AM	Related to #4683
5037	OsmoBSC		Bug	In Progress	Low	rbs2000 Remote Transcoder Failure	keith	02/22/2021 11:00 AM	
4884	OsmoBSC		Bug	New	Normal	RLL_REL_IND is recieved after RF_CHAN_REL		12/02/2020 11:51 AM	
3474	OsmoBSC		Bug	Feedback	Normal	SDCCH not released if Radio Link Failure / Sending Connection Failure: cause = 0x001 Experienced in osmo-bsc and osmo-bts-trx	ron.menez@entropysolutio n.com	10/05/2020 09:33 PM	
2382	OsmoBSC		Bug	New	Normal	T3105 not consistently communicated to all BTS models		03/05/2018 07:02 PM	
3243	OsmoBSC		Bug	New	Normal	there is MGW config for each separate 'msc', but the MGW settings are stored only once globally		05/07/2018 03:10 PM	
4538	OsmoBSC		Bug	New	Normal	timeslot_fsm.c: make the PDCH act/deact timeout configurable		05/09/2020 08:20 PM	Related to #4539
4393	OsmoBSC		Feature	New	Low	Circuit Switched Data (CSD) Support		02/13/2020 07:55 PM	Related to #4393,Related to #4394,Related to #4395

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4549	OsmoBSC		Feature	Feedback	Normal	Emergency Call Priority / Pre-Emption	dexter	10/21/2020 04:07 PM	Related to #4549,Related to #4819
4650	OsmoBSC	Ericsson BTS	Feature	New	Normal	Add BIG FAT error message in case OM2000 BTS fail to start up	laforge	07/04/2020 07:30 PM	
1946	OsmoBSC		Feature	New	Low	Add checks to the BSC VTY to prevent configurations known to not work	sysmocom	10/20/2020 08:40 AM	Related to #1614
4541	OsmoBSC		Feature	New	Normal	add ttcn3 tests for situations of Abis latency spikes, where chan act/deact ACK messages arrive late		05/09/2020 09:00 PM	Related to #4541
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
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
3831	OsmoBSC		Feature	New	Low	BSC support for "network sharing" via MOCN		01/20/2021 10:03 AM	Related to #4473
1600	OsmoBSC		Feature	New	Low	BSC: Make SI / rest octests more configurable		12/10/2017 08:04 PM	
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
2781	OsmoBSC		Feature	New	Normal	Extend OsmBSC TTCN-3 test coverage regarding resource leaks		06/08/2020 07:08 PM	Related to #2781
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
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
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	



#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3659	OsmoBSC	RTP/Media	Feature	Stalled	High	handover during LCLS directly between BTSs	dexter	09/30/2020 12:54 PM	Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3659,Related to #3783
3480	OsmoBSC	Handover	Feature	New	Normal	handover from TCH/F to TCH/H to reduce load		06/08/2020 07:08 PM	Related to #3480,Related to #3481
3481	OsmoBSC	Handover	Feature	New	Normal	handover from TCH/H to TCH/F to reduce load		06/08/2020 07:08 PM	Related to #3481,Related to #3481
3485	OsmoBSC	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	06/21/2020 03:02 PM	Is duplicate of #3277
2918	OsmoBSC		Feature	New	Low	Implement a function to properly test connection clearing in MSC_ConnectionHandler.ttcn (BSC-Tests)		01/08/2020 10:21 PM	
4922	OsmoBSC		Feature	New	Normal	Implement MS Power Control		12/24/2020 05:17 PM	
2724	OsmoBSC		Feature	New	Normal	Improve default timers	laforge	01/04/2018 11:06 AM	Related to #2724
3656	OsmoBSC	Handover	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
1605	OsmoBSC		Feature	In Progress	Low	logging / ring buffer for ALERT messages from A-bis OML from the BTS side	osmith	03/27/2020 09:40 AM	Related to #1605
39	OsmoBSC		Feature	New	Low	Logging filter on bts/trx or such		06/08/2020 07:07 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
4536	OsmoBSC		Feature	New	Normal	Multi BTS support within a single physical device		06/21/2020 01:10 PM	
4682	OsmoBSC	Ericsson BTS	Feature	New	Low	OM2000 MCTR Support for Ericsson RBS6000 / DUG 20		07/30/2020 06:51 AM	Precedes #4682

#	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
4537	OsmoBSC		Feature	In Progress	Normal	OsmoBSC needs strategies to recover broken lchans (lchan state BORKEN)		05/20/2020 10:39 PM	Related to #4537,Related to #4540,Related to #4541
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
3097	OsmoBSC		Feature	New	Normal	ramping of "rxlev access min"		03/22/2018 11:51 AM	Related to #3097
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	
4978	OsmoBSC		Feature	New	Low	Support for generating BSSMAP LOAD INDICATION		01/27/2021 02:40 PM	Related to #4979,Related to #4980
4981	OsmoBSC		Feature	New	Low	Support for generating BSSMAP RESOURCE INDICATION		01/27/2021 03:02 PM	Related to #4982
4979	OsmoBSC		Feature	New	Low	Support for parsing incoming BSSMAP LOAD INDICATION		01/27/2021 02:41 PM	Related to #4979,Related to #4980
4716	OsmoBSC		Feature	Stalled	Normal	support handover between different codec types, like TCH/F FR1 <--> TCH/H HR1	neels	10/28/2020 08:22 PM	Related to #4717
3586	OsmoBSC		Feature	New	Normal	support LCLS for inter-BSC handover	neels	01/17/2019 04:18 PM	Related to #3586,Related to #3659
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	neels	02/06/2021 10:04 AM	Related to #4010,Related to #4010
4189	OsmoBSC		Feature	New	Low	TTCN-3 tests for load-based hand-over in BSC		09/04/2019 09:10 AM	Related to #4189
4990	OsmoBSC	A-bis RSL	Feature	New	Low	TTCN3 test for AMR MultiRate IEs in RR and RSL		01/28/2021 01:43 PM	
3505	OsmoBSC		Feature	New	Normal	ttn3: 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,ls duplicate of #3277

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4940	OsmoBSC		Feature	New	High	VAMOS support in OsmoBSC	neels	01/12/2021 05:56 PM	Related to #4941
4852	OsmoBSC		Feature	New	Low	VGCS/VBS support in osm-bsc		11/05/2020 02:54 PM	Related to #4852,Related to #4853,Related to #4854
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	
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
<b>OsmoBSCNAT (2)</b>									
4124	OsmoBSCNAT		Feature	New	Normal	OsmoBSCNAT : Write user manual		01/08/2020 10:56 PM	Related to #4124
2545	OsmoBSCNAT		Feature	New	Low	OsmoBSCNAT misses 3GPP AoIP		06/08/2020 07:07 PM	
<b>OsmoBTS (89)</b>									
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
4579	OsmoBTS		Bug	New	Normal	add IPv6 support		02/12/2021 12:26 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
4984	OsmoBTS	osmo-bts-trx	Bug	New	Normal	AMR Rate Adaptation uses BER instead of C/I thresholds		01/28/2021 01:33 PM	
4985	OsmoBTS		Bug	New	Normal	AMR RTP CMR of downlink frames not used to influence CMC		01/28/2021 01:35 PM	
4467	OsmoBTS	osmo-bts-trx	Bug	In Progress	Urgent	bad voice quality in current osmo-bts-trx master		06/13/2020 05:57 PM	Related to #4467,Related to #4467,Related to #4467,Related to #4468
4799	OsmoBTS		Bug	Stalled	Normal	Both TC_meas_res_sign_tchh and TC_meas_res_sign_tchh_toa256 are failing	fixeria	02/19/2021 07:33 AM	
3789	OsmoBTS	Abis	Bug	Stalled	Normal	BTS permits OPSTART of MO without attributes	pespin	09/30/2020 07:58 PM	Related to #3789,Related to #3789

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4801	OsmoBTS	osmo-bts-trx	Bug	Stalled	Normal	BTS_Tests.TC_tch_sign_l2_fill_frame_dtxd fails	fixeria	11/09/2020 07:58 AM	Related to #4801
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	
4008	OsmoBTS		Bug	In Progress	High	Channel Activation starts SACCH too early in Asynchronous Handover		01/27/2021 07:40 PM	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
1575	OsmoBTS		Bug	Stalled	Normal	Correctly handle BS_AG_BLKES_RES (AGCH/PCH split in DL CCCH)		09/04/2019 09:15 AM	Related to #1575,Related to #1575
4771	OsmoBTS		Bug	New	High	Don't log NOTICE messages on missing uplink bursts	fixeria	10/01/2020 12:27 PM	
3780	OsmoBTS		Bug	New	Low	existing test suite doesn't catch wrong measurement processing	dexter	10/26/2020 09:56 PM	
3506	OsmoBTS	osmo-bts-trx	Bug	New	High	FACCH LAPDm sequence error (state LAPD_STATE_MF_EST)	sysmocom	03/20/2020 10:14 PM	Related to #3906,Related to #4466
2906	OsmoBTS		Bug	New	Normal	gsm_pchan2chan_nr asserts GSM_PCHAN_CCCH: lchan_nr == 0	pespin	09/16/2020 12:19 PM	
1751	OsmoBTS		Bug	New	Low	incompatibility between LCR and DTX		06/14/2016 04:39 PM	
1674	OsmoBTS		Bug	New	Low	Kill duplication between l1_if.c and sysmbots_ctrl.c		07/18/2019 06:08 AM	
4474	OsmoBTS		Bug	In Progress	Normal	l1fwd (-remote) tried to read eeprom locally	keith	05/08/2020 10:58 AM	
4023	OsmoBTS	PCU Interface	Bug	Stalled	Normal	Missing coverage of PCU interface in osmo-bts		11/18/2019 08:24 AM	Related to #4023
1577	OsmoBTS	osmo-bts-sysmo	Bug	New	Normal	mph_send_config_logchpar doesn't update encryption config		02/23/2016 03:39 PM	
3782	OsmoBTS		Bug	New	Low	OML bringup fails for osmo-bts-oc2g on high latency links		01/08/2020 10:27 PM	Related to #3782,Related to #3782,Related to #3789,Related to #4031
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		11/18/2019 10:09 AM	
2355	OsmoBTS		Bug	New	Low	optimize log output of phy specific code		09/04/2019 09:26 AM	Related to #2355

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4446	OsmoBTS		Bug	New	Low	osmo-bts doesn't actually ever connect() its RTP/UDP sockets	pespin	02/13/2021 05:37 PM	Related to #4446
2674	OsmoBTS	osmo-bts-sysmo	Bug	New	Low	osmo-bts-sysmo GPRS failing if running without "-M"	pespin	07/18/2019 06:08 AM	
4757	OsmoBTS		Bug	Feedback	Normal	osmo-bts-sysmo-remote for L1 forwarding not operational	keith	10/22/2020 06:36 PM	
4364	OsmoBTS	osmo-bts-trx	Bug	New	Normal	osmo-bts-trx configured with 2 TRX and osmo-trx with 1 TRX -> bad behavior	pespin	07/06/2020 07:16 PM	
4823	OsmoBTS	osmo-bts-trx	Bug	Stalled	Normal	osmo-bts-trx sends dummy bursts (instead of BFI) in the absence of RTP frames	fixeria	02/17/2021 02:16 PM	
4592	OsmoBTS	osmo-bts-trx	Bug	Stalled	Low	osmo-bts-trx: make sure that handover detection works	fixeria	06/21/2020 03:10 PM	Related to #4592
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	
4500	OsmoBTS	osmo-bts-sysmo	Bug	Stalled	Normal	osmo-bts-{sysmo,oc2g,litecell15}: PTCCH/U is not enabled on PDCH timeslots	fixeria	06/25/2020 04:48 PM	Related to #4500,Related to #4500,Related to #4501
4630	OsmoBTS		Bug	New	Normal	osmo-bts: GSMTAP DL (tx) messages use hardcoded signal level 0		06/23/2020 04:01 PM	
3056	OsmoBTS		Bug	New	Low	OsmoBTS doesn't implement SACCH Repetition Order (SRO)		07/18/2019 06:08 AM	
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	

...