

## all-by-project

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
<b>Z-Netz (5)</b>									
2814	Z-Netz		Feature	New	Normal	Create + Document classic CrossPoint setup on DOS (dosemu)		01/01/2018 01:41 PM	
2813	Z-Netz		Feature	New	Normal	Create + Document OpenXP setup on Linux		01/01/2018 01:41 PM	
2809	Z-Netz		Bug	New	Normal	Build ZConnect <-> UseNet gateway		01/01/2018 01:33 PM	
2808	Z-Netz		Bug	New	Normal	Create + Document VM/emulation setup for running ZERBERUS		01/01/2018 01:09 PM	
2807	Z-Netz		Bug	New	Normal	Obtain ZERBERUS software build[s] and manual[s]	laforge	01/01/2018 01:08 PM	
<b>UUCP and UseNet (1)</b>									
2806	UUCP and UseNet		Feature	New	Low	Create Dockerfile and/or ansible playbook for UseNet node		01/01/2018 01:04 PM	
<b>UmTRX (13)</b>									
3747	UmTRX	FPGA	Feature	New	Normal	LMS6002D RX Gain Control	ipse	01/08/2019 09:46 AM	
1518	UmTRX	Hardware	Feature	New	Normal	Upper limit of the clock is too low	Andrey	02/19/2016 10:52 PM	
1517	UmTRX	Hardware	Feature	New	Normal	U_FL (UMC) connectors are not reliable after few connections	Andrey	02/19/2016 10:52 PM	
1516	UmTRX	Hardware	Feature	New	Normal	There are no port to control external equipment like PA	Andrey	02/19/2016 10:52 PM	
1515	UmTRX	Hardware	Feature	New	Normal	Heat dissipation and mounting issue	Andrey	02/19/2016 10:52 PM	
1511	UmTRX	FPGA	Feature	New	Normal	Solve Tx and Rx I/Q imbalance for wideband signals		02/19/2016 10:52 PM	
1510	UmTRX	Host	Feature	New	High	Complete UHD integration	ipse	02/21/2016 04:47 PM	
1509	UmTRX	ZPU	Feature	New	Normal	Store calibration values in EEPROM	ipse	02/21/2016 04:47 PM	
1508	UmTRX	FPGA	Feature	New	High	Implement UmSEL diversity switch control	ipse	02/21/2016 04:47 PM	
1507	UmTRX	FPGA	Feature	New	High	Implement UmSEL tuner control	ipse	02/21/2016 04:47 PM	
1506	UmTRX	FPGA	Feature	New	Normal	Move to the latest stable UHD	ipse	02/21/2016 04:47 PM	
1505	UmTRX	Hardware	Bug	New	High	OHM4 footprint incorrect		02/19/2016 10:52 PM	
1504	UmTRX	Hardware	Feature	New	Normal	LMS6002 phase error increases when Rx is enabled and varies with temperature	ttsou	02/19/2016 10:52 PM	
<b>testproject (1)</b>									
3958	testproject		Bug	New	Normal	./mobile select ARFCN		04/25/2019 09:49 AM	
<b>SIMtrace 2 (21)</b>									

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4251	SIMtrace 2		Bug	New	Urgent	simtrace2 firmware can get OOM / talloc unable to allocate buffer for APDU	tsaitgaist	11/07/2019 02:34 PM	
4118	SIMtrace 2	hardware	Bug	New	Normal	VCC_PHONE strong pull on SIMtrace board	tsaitgaist	07/18/2019 11:54 AM	
4087	SIMtrace 2	firmware	Bug	New	Normal	remove bogus targets from build process and ftp dir	tsaitgaist	07/04/2019 08:56 AM	
4042	SIMtrace 2	firmware	Feature	New	Normal	provide command line interface on CDC-ACM device		06/04/2019 04:07 PM	
4041	SIMtrace 2	firmware	Bug	New	Normal	implement SIMTRACE_CMD_BD_BOARD_INFO	tsaitgaist	08/06/2019 02:12 PM	Related to #4041
3815	SIMtrace 2	firmware	Bug	New	Normal	simtrace2 fails USB-IF CH9 test	tsaitgaist	02/23/2019 03:10 PM	
3723	SIMtrace 2	host software	Bug	New	Low	better error message when starting second remsim	tsaitgaist	12/09/2018 04:16 PM	
3712	SIMtrace 2		Bug	New	Low	TRACE_FATAL not printing	tsaitgaist	11/27/2018 10:57 AM	
3711	SIMtrace 2	hardware	Feature	New	Normal	Add screw holes for permanent installations		11/27/2018 02:04 AM	
3683	SIMtrace 2	firmware	Bug	New	Low	no reset after DFU flash	tsaitgaist	11/06/2018 04:37 PM	
3501	SIMtrace 2	hardware	Feature	New	Low	Multi-sim addon board idea	sysmocom hardware team	08/28/2018 03:00 PM	
3379	SIMtrace 2		Bug	Stalled	High	documentation on how to use SIMtrace2	tsaitgaist	10/25/2018 09:12 AM	
3371	SIMtrace 2	firmware	Feature	New	Normal	migrate to use arm-none-eabi build of libosmocom.git	laforge	08/09/2018 12:14 PM	
1912	SIMtrace 2	hardware	Feature	Stalled	Normal	do proper re-layout of the board	mschramm	09/14/2018 06:54 PM	
1911	SIMtrace 2	hardware	Feature	New	Normal	check if we can have an enclosed version of simtrace v2	tsaitgaist	09/13/2018 12:40 PM	
1706	SIMtrace 2	hardware	Feature	In Progress	Normal	Hardware / Circuit board update for SAM3S based SIMtrace2	mschramm	09/24/2018 10:27 PM	Related to #1706
1705	SIMtrace 2	firmware	Bug	Stalled	High	re-integrate tracing + card reader modes into SIMtrace2 firmware (SAM3S)	tsaitgaist	08/13/2018 04:54 PM	Related to #1705
1704	SIMtrace 2	firmware	Bug	In Progress	Normal	test/port card emulation firmware for SAM3S based SIMtrace2	tsaitgaist	10/25/2018 09:14 AM	Related to #1705
1463	SIMtrace 2	hardware	Feature	New	Low	Add VCC current sensing circuit for SPA & DPA attacks	laforge	08/27/2018 07:05 AM	Related to #1706
1460	SIMtrace 2	firmware	Feature	New	Low	include some version information / negotiation in the USB protocol	tsaitgaist	08/09/2018 12:14 PM	Related to #1461, Related to #4041
1457	SIMtrace 2	hardware	Feature	New	Low	Spacing between JTAG and JP1/JP2	mschramm	09/13/2018 07:07 PM	

### SIMtrace (3)

2614	SIMtrace	SIMtrace firmware	Bug	New	Normal	simtrace_hdr randomly appears in APDU payload	lukash	11/03/2017 08:54 AM	
1724	SIMtrace		Feature	New	Low	extend wireshark dissector for SIM/USIM traces		08/17/2016 03:57 PM	
1459	SIMtrace		Bug	New	Low	send a flag tagging the ATR from the card	laforge	05/09/2016 07:48 PM	

### SDR (Software Defined Radio) (6)

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3817	SDR (Software Defined Radio)		Bug	New	Normal	Unable to use fosphor display on Ubuntu 18.10		02/26/2019 06:56 PM	
3126	SDR (Software Defined Radio)		Bug	New	Low	Windows 10 Pro 1709: crash of rtl_test.exe		03/30/2018 02:16 PM	
2764	SDR (Software Defined Radio)		Support	New	Normal	osmocom_fft & siggen can't access the X display		12/15/2017 06:09 PM	
2224	SDR (Software Defined Radio)		Feature	New	Normal	New Fosphor Benchmark Performance		05/04/2017 01:23 PM	
1678	SDR (Software Defined Radio)		Bug	New	Normal	Use -undefined dynamic_lookup when using Python and building on Mac OS X		03/30/2016 11:25 PM	
1474	SDR (Software Defined Radio)		Bug	New	High	USB Claim Interface Error	steve-m	02/20/2016 08:23 PM	

### rtl-sdr (10)

4101	rtl-sdr		Bug	New	Normal	Memory leak in the rtl_sdr_open routine of librtlsdr	perceval62	07/11/2019 05:39 PM	
4080	rtl-sdr		Support	New	Normal	Receiving UTAs on 978 Mhz		07/02/2019 12:08 PM	
3797	rtl-sdr		Bug	New	Normal	Exits with "Bus error"		02/12/2019 02:28 PM	
3591	rtl-sdr		Bug	New	Normal	No Way To Detect Occasional Failed Bulk Transfers		09/25/2018 01:29 PM	
3590	rtl-sdr		Bug	New	Normal	Key Functions Missing Documentation		09/25/2018 01:04 PM	
3589	rtl-sdr		Bug	New	Normal	Zerocopy Buffers Unusable Outside Callback Without memcpy()		09/25/2018 12:58 PM	
3588	rtl-sdr		Bug	New	Normal	Error Values Inconsistent		09/25/2018 12:47 PM	
3315	rtl-sdr		Feature	New	Normal	review and possibly apply patches from debian package	steve-m	06/03/2018 01:17 PM	
2607	rtl-sdr		Bug	New	Normal	rtl-sdr gnuradio cfile is outdated		06/03/2018 12:23 PM	
1983	rtl-sdr		Support	New	Normal	Add welle.io and rtl_fm_streamer to rtl-sdr app list		06/03/2018 12:24 PM	

### Retro-Networking / BBS-Revival (5)

4242	Retro-Networking / BBS-Revival	content	Feature	New	Low	offer CCC event schedule (Fahrplan) as gopher service		10/28/2019 09:22 AM	
4226	Retro-Networking / BBS-Revival		Feature	New	Low	STM-1 / USB interface?		10/14/2019 08:19 PM	
2812	Retro-Networking / BBS-Revival	hardware	Feature	In Progress	Normal	Build mixed ISDN / analog telephone network		10/04/2019 07:40 AM	
2811	Retro-Networking / BBS-Revival	hardware	Bug	In Progress	Normal	collect ISDN cards / adapters		10/10/2019 07:29 PM	
2810	Retro-Networking / BBS-Revival	hardware	Feature	In Progress	Normal	collect analog modems		10/10/2019 07:29 PM	

### Qualcomm Linux Modems by Quectel & Co (5)

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4206	Qualcomm Linux Modems by Quectel & Co		Support	New	Urgent	Unbrick cpe router without web ui interface and terminal		09/16/2019 10:41 AM	
4135	Qualcomm Linux Modems by Quectel & Co		Support	New	Normal	how to use network inside ec20		07/31/2019 11:20 AM	
1815	Qualcomm Linux Modems by Quectel & Co		Feature	New	Normal	tool for building binary ipk from .list/control		10/02/2016 05:06 AM	
1814	Qualcomm Linux Modems by Quectel & Co		Feature	New	Low	check if qtools work		10/02/2016 04:08 AM	
1813	Qualcomm Linux Modems by Quectel & Co		Bug	New	Normal	cat /dev/snd/* causes kernel oops		09/30/2016 04:00 PM	

### pySim (3)

3376	pySim		Bug	In Progress	Normal	create test scripts to verify pysim-prog ans sysmo-usim-tool with jenkins	lynxis	08/27/2018 08:43 AM	Related to #3377
1919	pySim		Bug	New	Low	issue with grcardsim from Greencard (grcard.cn)		08/17/2017 06:45 AM	
1722	pySim		Feature	New	High	Improve pySim usability		08/17/2016 03:57 PM	

### OsmoTRX (21)

4207	OsmoTRX		Bug	New	Normal	multi-arfcn not working properly	pespin	09/16/2019 05:27 PM	
4182	OsmoTRX	UHD	Bug	Feedback	High	osmo-trx build failures on obs	pespin	10/01/2019 02:19 PM	
4136	OsmoTRX	LimeSDR	Bug	Feedback	Normal	osmo-trx-lms: makes kernel eat all system memory when run under realtime priority	pespin	08/26/2019 08:57 AM	
3981	OsmoTRX	LimeSDR	Bug	New	Normal	osmo-trx-lms: Overruns appear from time to time	pespin	07/30/2019 04:17 PM	Related to #3981
3970	OsmoTRX	USRP1 (libusrp)	Bug	New	Low	libusrp fails to compile 1/4 of times in jenkins with PARALLEL_MAKE set	sysmocom	08/09/2019 12:27 PM	Is duplicate of #3970
3962	OsmoTRX		Feature	New	Low	osmo-trx: Use gcc attribute no_sanitize to run fine with ASan enabled		08/26/2019 02:04 PM	
3949	OsmoTRX	LimeSDR	Bug	New	Normal	osmo-trx-lms: improve runtime gain setting (missing calibration)		04/23/2019 08:32 AM	
3775	OsmoTRX	LimeSDR	Bug	In Progress	Normal	properly debug limesdr usb and limesdr mini clocking requirements and osmo-trx support	roh	06/27/2019 05:37 PM	Blocks #3341,Blocks #3342,Blocks #3775
3515	OsmoTRX		Bug	In Progress	High	license confusion in OsmoTRX	ipse	07/29/2019 01:25 PM	

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3346	OsmoTRX	LimeSDR	Bug	In Progress	Normal	osmo-trx-lms: Multi channel support: "R_CTL_LPF range limit reached"	pespin	08/14/2019 10:38 AM	Related to #3346,Related to #4151
3345	OsmoTRX		Feature	New	Low	merge ms branch		06/13/2018 07:16 PM	
3344	OsmoTRX		Feature	New	Normal	merge ttsou/siggen		06/13/2018 07:26 PM	
3342	OsmoTRX	LimeSDR	Bug	In Progress	Normal	osmo-trx-lms: low tx output power level	roh	10/01/2019 04:04 PM	Related to #3342,Blocks #3342
3341	OsmoTRX	LimeSDR	Bug	In Progress	High	osmo-trx-lms RF Envelope FAIL on LimeSDR, but not on LimeSDR-mini	roh	10/04/2019 04:40 PM	Related to #3341,Related to #3861,Blocks #3341
3222	OsmoTRX		Bug	Stalled	Low	include (tested) example config files for usrp1, uhd/b200 as well as umtrx	tnt	10/20/2018 07:27 PM	
3141	OsmoTRX		Bug	New	Normal	Refactor / clean up TRX CTRL / DATA interfaces implementation		04/05/2018 05:46 PM	
3067	OsmoTRX		Bug	New	Normal	osmo-trx usrp b100 time out and packet loss between host and device	ttsou	03/15/2018 06:36 PM	
3061	OsmoTRX		Bug	New	Normal	OsmoTRX ARM chroot build jobs failing due to proot bug	pespin	03/13/2018 11:50 AM	Related to #3766
3054	OsmoTRX		Feature	Stalled	Normal	Extended (11-bit) RACH support in OsmoTRX	tnt	02/03/2019 11:45 AM	Related to #1854,Related to #3054,Related to #3054,Related to #4006
3033	OsmoTRX		Feature	New	Low	Split wiki page into multiple smaller pages		03/05/2018 11:28 AM	
2430	OsmoTRX		Feature	New	Low	osmo-trx support bladerf		02/23/2018 05:14 PM	

### OsmoSTP (15)

4271	OsmoSTP		Bug	In Progress	Normal	sctp-role and role seem to interfere	laforge	11/19/2019 12:34 AM	
4270	OsmoSTP		Bug	In Progress	Normal	ASP role is saved as uppercase but only lowercase gets parsed	laforge	11/19/2019 12:40 AM	
4269	OsmoSTP		Support	In Progress	Normal	default value for sctp-role	laforge	11/19/2019 12:35 AM	
4239	OsmoSTP		Bug	New	Low	osmo-stp allows RKM de-registration of routing key that never was registered via RKM	laforge	10/21/2019 12:55 PM	
4238	OsmoSTP		Bug	In Progress	Low	osmo-stp allows RKM de-registration for active ASP	laforge	11/05/2019 04:26 PM	
3838	OsmoSTP		Bug	Feedback	Normal	connecting two BSCs to OsmoSTP will both end up with the same routing key	laforge	03/21/2019 02:17 AM	
3609	OsmoSTP		Feature	New	Low	Support for C-Link		10/03/2018 08:58 AM	
3607	OsmoSTP		Feature	New	Normal	Support for capability point codes		10/03/2018 08:58 AM	

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3606	OsmoSTP		Feature	New	Normal	Support for multiple NI (network indicator)		10/03/2018 08:58 AM	
3605	OsmoSTP		Feature	New	Normal	Global Title Translation		07/18/2019 05:15 AM	
3604	OsmoSTP		Feature	New	Normal	Global Title Routing		07/18/2019 05:15 AM	
3603	OsmoSTP		Feature	New	Low	M2PA support		10/03/2018 08:58 AM	
3602	OsmoSTP		Feature	New	Low	M2UA support		09/30/2018 08:00 AM	
2888	OsmoSTP		Bug	New	Normal	OsmoSTP has no TTCN-3 testsuite	laforge	11/12/2019 11:59 AM	
2324	OsmoSTP		Feature	Feedback	Normal	allow to bind to a configured IP address	neels	11/07/2019 07:11 PM	

### OsmoSMSC (3)

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

### OsmoSGSN (53)

4245	OsmoSGSN	Gb interface	Bug	Feedback	High	osmo-sgsn hitting assert during osmo-gsm-tester ping.py test	pespin	11/08/2019 06:31 PM	Related to #4245,Related to #4245
4222	OsmoSGSN		Bug	New	High	Implement PS Paging for the Routing Areas		10/08/2019 04:30 PM	
4221	OsmoSGSN		Bug	New	Normal	create ttcn testcase for T3350 in combination with a PDP context		10/08/2019 04:21 PM	Related to #4221
4116	OsmoSGSN		Bug	New	Normal	osmo-sgsn fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)	Hoernchen	07/18/2019 05:25 AM	Related to #4116,Related to #4123
3964	OsmoSGSN		Bug	New	Normal	SIGSEGV in sndcp_sm_deactivate_ind()		10/10/2019 07:11 PM	Related to #3964,Related to #4221
3957	OsmoSGSN		Bug	Feedback	Normal	ABORT from gprs_sndcp_comp_free()	pespin	11/08/2019 06:31 PM	Related to #3964,Related to #4245
3954	OsmoSGSN		Bug	In Progress	Normal	OsmoSGSN XID code uses hard-coded N201-I / N201-U instead of per-SAPI defaults as per spec	laforge	04/24/2019 08:18 AM	
3940	OsmoSGSN	lu interface	Bug	New	Normal	TTCN-3: lu: test UMTS Auth		04/24/2019 08:24 AM	
3939	OsmoSGSN		Bug	New	Normal	TTCN: do a GMM Attach Request when in GMM Connected and have a PDP Request		04/24/2019 08:25 AM	
3937	OsmoSGSN	lu interface	Bug	In Progress	Normal	lu: verify handling of GMM Service Request (data)when no PDP Context present.		05/21/2019 10:28 AM	Related to #3937
3936	OsmoSGSN	lu interface	Bug	New	Normal	lu: first GMM Service Request does not find a MM ctx		05/07/2019 01:37 PM	Related to #3936
3923	OsmoSGSN	lu interface	Bug	New	Normal	lu: Respond to SecurityCommandReject messages		04/24/2019 08:26 AM	Related to #3923

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3920	OsmoSGSN	lu interface	Support	In Progress	Normal	PCAPs files of 3G PS for Osmocom network and Commercial one		04/18/2019 02:03 PM	Related to #3920,Related to #3936,Related to #3923,Related to #3937,Related to #3922
3727	OsmoSGSN		Bug	In Progress	High	SGSN segfaults on network type change	lynxis	09/15/2019 11:18 PM	Related to #3995,Related to #3727
3696	OsmoSGSN		Bug	New	Normal	Intermittent Connection Drop	lynxis	05/08/2019 12:14 PM	
3689	OsmoSGSN		Bug	New	Normal	Support Cisco GGSN (Cisco 7200 with IOS 12.4.x)		04/09/2019 11:21 AM	
3688	OsmoSGSN		Feature	New	Low	move generic gtpub code to libosmocore		04/15/2019 07:29 AM	
3466	OsmoSGSN	osmo-gbproxy	Bug	Feedback	Low	gprs_gb_parse_dtap does not handle "DEACT PDP ACK"	lynxis	04/18/2019 11:54 AM	
3426	OsmoSGSN		Bug	In Progress	Normal	gprs_llc_process_xid_ind() does not echo L3_PAR, breaks PDP activation for Motorola KRZR	keith	05/01/2019 02:21 PM	
3403	OsmoSGSN	lu interface	Bug	New	Normal	osmo-sgsn doesn not connect properly with via SCCP when restarted	lynxis	04/15/2019 07:29 AM	Related to #3403
3373	OsmoSGSN		Feature	Stalled	Normal	Support for SNS auto-configuration (SIZE / SNS-CONFIG procedure)	laforge	08/14/2018 07:59 PM	Related to #3373,Related to #3388,Related to #3617
3356	OsmoSGSN	GSUP interface	Bug	In Progress	Normal	OsmoSGSN doesn't provide unique IDTAG_SERNR in IPA CCM	osmith	04/09/2019 11:22 AM	Related to #3356,Related to #3356,Related to #3644
3224	OsmoSGSN	lu interface	Bug	New	Normal	verify ciphering after UMTS AKA	lynxis	04/15/2019 07:30 AM	Related to #3193,Related to #3224
3178	OsmoSGSN		Bug	Feedback	Normal	gbproxy: failed to parse invalid BSSGP-UNITDATA message	pespin	09/27/2018 08:53 AM	
3177	OsmoSGSN	osmo-gbproxy	Bug	New	Low	gbproxy: gprs_gb_parse_dtap doesn't handle AUTH & CIPHER REQUEST messages	pespin	05/27/2019 09:18 AM	Related to #1959
2962	OsmoSGSN		Bug	New	Normal	Missing TTCN-3 test cases	lynxis	05/30/2018 02:19 PM	
2960	OsmoSGSN		Bug	New	Normal	OsmoSGSN confirms PDP CTX ACT to MS/Gb despite missing conditional IEs on GTP	lynxis	04/15/2019 07:37 AM	
2959	OsmoSGSN	GTP interface	Bug	New	Low	OsmoSGSN puts bogus LAC/RAC in GTP Create PDP CTX ACT REQ	osmith	09/30/2018 11:41 AM	
2958	OsmoSGSN		Bug	Stalled	Normal	OsmoSGSN doesn't authenticate on second/further ATTACH REQUEST	lynxis	07/18/2019 05:11 AM	Related to #2958
2957	OsmoSGSN	GSUP interface	Bug	New	Normal	No timeout during GSUP PURGE MS to HLR	lynxis	04/15/2019 07:36 AM	

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2955	OsmoSGSN	GSUP interface	Bug	New	High	No GMM ATTACH REJECT on GSUP UpdateLocation Error	lynxis	09/10/2019 07:39 PM	
2953	OsmoSGSN	GSUP interface	Bug	New	Normal	No timeout waiting for UpdateLocation Response on GSUP	lynxis	05/17/2018 01:57 PM	Related to #2952
2951	OsmoSGSN		Bug	Feedback	Normal	OsmoSGSN Accepts two MO L3 Messages with N(U) set to zero	osmith	09/11/2019 12:24 PM	
2692	OsmoSGSN		Bug	New	Low	HLR string in CDR and VTY is empty	pespin	09/30/2018 11:39 AM	
2577	OsmoSGSN		Bug	New	Normal	Ensure meaningful default loglevels.	lynxis	04/15/2019 07:34 AM	
2501	OsmoSGSN		Bug	In Progress	Normal	suspected problem with unanswered neighbor solicitation	osmith	09/11/2019 12:58 PM	
2305	OsmoSGSN		Bug	New	Normal	review 'laforge/santos' branch and check if there are pending fixes	sysmocom	05/29/2017 04:37 PM	
1947	OsmoSGSN		Bug	New	Normal	GPRS Attach reject for Apple/Android mobile	laforge	04/13/2019 11:21 AM	
1942	OsmoSGSN		Bug	Feedback	Normal	Gb: implement paging in case of MM state == STANDBY && rx DL PDU	lynxis	10/08/2019 04:24 PM	
1881	OsmoSGSN		Bug	In Progress	Normal	don't send PDP CTX DEACT ACK to MS when destroying PDP ctx indepent from MS requests	lynxis	04/15/2019 07:32 AM	
1818	OsmoSGSN	lu interface	Bug	New	Normal	luPS: CN should lu Release in certain situations	lynxis	05/03/2019 12:00 AM	Related to #1818,Related to #3302,Related to #3908
1794	OsmoSGSN		Bug	Stalled	Normal	support random IV for GEA (via XID)		03/01/2018 11:17 PM	Related to #1910,Related to #1672,Related to #2843,Blocks #1794,Blocks #1582
1768	OsmoSGSN		Bug	Stalled	Low	VTY show llc displays State TLLI Unassigned permanently	lynxis	04/15/2019 07:32 AM	
1720	OsmoSGSN		Feature	In Progress	High	extend/complete OsmoSGSN user manual	daniel	07/26/2019 10:10 AM	
1655	OsmoSGSN		Feature	Stalled	Normal	KPIs for OsmoSGSN	lynxis	10/29/2017 06:25 PM	Related to #1652,Related to #1655,Related to #1655
1588	OsmoSGSN		Feature	New	Normal	Inter-RAT hand-over		02/23/2016 03:46 PM	
1587	OsmoSGSN	GSUP interface	Feature	Stalled	Normal	SMS over GPRS support		11/25/2018 08:14 PM	Related to #3587
1586	OsmoSGSN		Feature	New	Normal	Implement QoS profile support		02/23/2016 03:45 PM	
1585	OsmoSGSN		Feature	New	Low	Gn interface for inter-SGSN MM Context transfer		06/23/2018 07:40 PM	Is duplicate of #1585



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1583	OsmoSGSN		Feature	New	Normal	Gs interface (BSSMAP+) between SGSN and MSC/VLR		04/14/2019 05:12 AM	Related to #1583,Related to #1583
67	OsmoSGSN	osmo-gbproxy	Bug	New	Low	gb_proxy keeps stale PTP-BVCI <-> NSVCI mappings	laforge	12/10/2017 08:09 PM	
44	OsmoSGSN		Bug	New	Normal	TLLI clash possible	sysmocom	08/17/2017 06:55 AM	
33	OsmoSGSN		Feature	New	Low	real LLC implementation with fragmentation and re-transmissions		11/09/2016 09:45 AM	
<b>OsmoPCU (71)</b>									
4019	OsmoPCU		Bug	New	Normal	imlement a command to show all informations from the bts		05/23/2019 03:08 PM	
4018	OsmoPCU		Bug	New	Normal	investigate ordering of includes paths		05/23/2019 10:59 AM	
3929	OsmoPCU		Bug	New	Normal	Missing PCU_Tests.ttcn link adaptation tests	lynxis	10/04/2019 08:15 PM	Related to #3929
3928	OsmoPCU		Bug	In Progress	High	Missing PCU_Tests.ttcn for various timers / time-outs	pespin	10/07/2019 09:47 AM	
3927	OsmoPCU		Bug	Stalled	High	Missing PCU_Tests.ttcn Paging tests	osmith	10/14/2019 07:11 AM	
3926	OsmoPCU		Bug	New	High	Missing PCU_Tests.ttcn DL TBF tests	lynxis	04/15/2019 07:55 AM	
3925	OsmoPCU		Bug	New	High	Missing PCU_Tests.ttcn UL TBF tests	osmith	09/05/2019 05:08 PM	Related to #3925,Related to #4180
3879	OsmoPCU		Bug	New	Normal	TC_sns_1c1u_so_bvc_reset has never passed on jenkins	laforge	03/30/2019 11:13 AM	
3834	OsmoPCU		Bug	New	Normal	MS set_mode()/set_current_cs_*) inconsistent results	lynxis	04/15/2019 07:48 AM	Related to #3834,Related to #3834,Related to #3834
3499	OsmoPCU		Bug	New	Normal	pcu is logging "Allocating DL TBF: MS_CLASS=0/0" ; TLV parsing code commented?	lynxis	04/15/2019 07:48 AM	Related to #3499
3472	OsmoPCU		Bug	New	Low	GPRS connection is in a state where pdp-context is active, but data TX cannot initiate from Network side.	lynxis	04/15/2019 07:52 AM	Related to #3472
3395	OsmoPCU		Bug	Feedback	Urgent	Uplink CS/MCS control is broken osmo-pcu is used with osmo-bts-trx/osmo-trx	lynxis	10/04/2019 08:35 PM	Related to #3395,Related to #3395,Related to #3395,Related to #3834,Related to #3395,Related to #3929
3285	OsmoPCU		Feature	New	Normal	design + implement tools to analyze inter-PCU cell changes	laforge	08/01/2018 11:04 AM	Related to #3284

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3284	OsmoPCU		Bug	New	Normal	GPRS cell re-selection appears sticky in packet transfer / packet idle mode	lynxis	04/15/2019 07:49 AM	Related to #2400,Related to #3284
2709	OsmoPCU		Feature	New	Low	use osmo_fsm for TBF		03/03/2018 09:41 PM	Related to #2407,Related to #2709
2603	OsmoPCU		Bug	New	Normal	Review the various incomplete and never merged changes in radisys branch	lynxis	09/04/2019 09:15 AM	Related to #1775
2455	OsmoPCU		Bug	New	Normal	MS will not be able to use data service if we let the MS idle about 30 seconds after PDP context activated	lynxis	04/15/2019 07:49 AM	Related to #3678
2406	OsmoPCU		Bug	In Progress	Low	CS-PAGING not implemented	osmith	09/24/2019 12:22 PM	
2405	OsmoPCU		Feature	New	Low	RLC/MAC encoding routines don't use bitvec L/H		07/29/2017 09:01 AM	
2404	OsmoPCU		Bug	Feedback	Low	PAGING-PS doesn't use QoS parameters from BSSGP	osmith	09/10/2019 11:54 AM	
2403	OsmoPCU		Bug	New	Low	PS-PAGING and CS-PAGING not implemented on PTP-BVCI	osmith	09/10/2019 11:56 AM	
2400	OsmoPCU		Bug	Stalled	High	transmit SI13 on PACCH during long TBFs	osmith	10/04/2019 10:39 PM	Related to #2400
2384	OsmoPCU		Bug	New	Low	NSVCI=0 seems to cause problems	laforge	07/25/2017 05:50 PM	Related to #2384,Related to #4111
2383	OsmoPCU		Bug	New	Normal	incompatibility with some SGSNs during P-TMSI allocation	laforge	07/04/2018 12:50 PM	
2282	OsmoPCU		Feature	In Progress	High	uplink multi-slot allocations	lynxis	07/11/2019 05:11 PM	Related to #1775
1940	OsmoPCU		Bug	Stalled	High	implement T3141 - Timeout after Send Immediate assign for TBF	pespin	10/08/2019 11:44 AM	
1939	OsmoPCU		Bug	Feedback	High	implement packet idle/transfer mode including T3192	lynxis	09/26/2019 12:51 PM	
1925	OsmoPCU		Bug	New	High	Fix padding for MCS8 transition	lynxis	04/15/2019 07:45 AM	
1903	OsmoPCU		Feature	New	Low	convert c++ -> c		07/10/2017 10:35 PM	
1838	OsmoPCU		Bug	Stalled	Normal	Nokia E52 doest reply to PUAN message properly		10/29/2017 06:47 PM	
1833	OsmoPCU		Bug	Feedback	High	UPLINK MCS gets reduced from MCS9->MCS6 when good radio condition exists	lynxis	09/27/2019 04:10 AM	Related to #3395
1831	OsmoPCU		Bug	Stalled	Normal	No handling for padding octets(LI 127) for EGPRS. row 3rd of Table 10.4.14a.1 TS 44.060 version 7.27.0 Release	sysmocom	04/15/2019 07:46 AM	
1823	OsmoPCU		Feature	Stalled	Low	Ericsson PCU TRAU frame encoding/decoding		09/04/2019 09:26 AM	
1792	OsmoPCU		Bug	Stalled	High	2 MS tests: Issue with TS allocation for DL in PCU	sysmocom	08/17/2017 06:53 AM	
1780	OsmoPCU		Feature	New	Low	Investigate requirements for EC-GS-IoT support	laforge	07/23/2016 06:47 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1775	OsmoPCU		Bug	Stalled	Normal	LC15: No PDCH allocation across two TRX	lynxis	04/15/2019 07:49 AM	Related to #1775,Related to #1648,Related to #1775,Related to #1775
1766	OsmoPCU		Bug	In Progress	High	KPIs for OsmoPCU: EGPRS		10/29/2017 06:47 PM	Related to #1766,Related to #1766
1759	OsmoPCU		Bug	Stalled	High	Wrong calculation of DL window size for DL assignment	lynxis	04/15/2019 07:46 AM	Related to #1533,Related to #1524
1756	OsmoPCU		Bug	New	Low	regression: "tbf: Add state WAIT_ASSIGN"	sysmocom	03/03/2018 09:45 PM	Related to #1756
1742	OsmoPCU		Bug	New	High	Regression in egprs patch series	lynxis	04/15/2019 07:47 AM	Related to #1756,Related to #2820,Related to #2890
1640	OsmoPCU		Bug	Stalled	High	Missing release field/length in MS RA capability container	lynxis	04/15/2019 07:47 AM	
1625	OsmoPCU		Feature	New	Low	add loopback ping command to osmopcu		10/29/2017 06:43 PM	
1624	OsmoPCU		Bug	New	Normal	add CRBB support to write_packet_ack_nack_desc_egprs	sysmocom	07/04/2018 12:49 PM	
1560	OsmoPCU		Feature	New	High	EDGE benchmarking / performance optimization / tuning	lynxis	07/18/2019 05:13 AM	
1559	OsmoPCU		Feature	New	Low	EGPRS/GPRS multiplexing on single PDCH		02/23/2016 03:16 PM	
1558	OsmoPCU		Feature	New	Low	Generate BSSGP LLC Discarded messages on TBF/MS free	sysmocom	04/15/2019 07:52 AM	
1556	OsmoPCU		Feature	New	Normal	Inter-RAT hand-over		02/23/2016 03:13 PM	
1555	OsmoPCU		Feature	New	Low	Unacknowledged RLC Mode		02/23/2016 03:12 PM	
1554	OsmoPCU		Feature	New	Normal	per-MS BSSGP flow control		02/23/2016 03:12 PM	Related to #1554
1550	OsmoPCU		Bug	New	Normal	Cell reselection under network control		02/23/2016 03:06 PM	
1549	OsmoPCU		Feature	New	Normal	DRX support for GPRS		02/04/2017 08:11 AM	
1548	OsmoPCU		Bug	Stalled	High	11bit RACH support		10/04/2019 11:15 PM	Related to #1548,Related to #3054,Related to #3014,Is duplicate of #1548
1547	OsmoPCU		Feature	New	Normal	downlink power control on PDTCH		02/23/2016 03:04 PM	
1546	OsmoPCU		Feature	New	High	closed loop uplink power control	lynxis	04/18/2019 02:38 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1545	OsmoPCU		Feature	Stalled	Normal	continuous timing advance loop using PTCH	lynxis	10/05/2019 06:21 PM	Related to #1545,Related to #4102,Blocks #1545
1543	OsmoPCU		Feature	New	Normal	link/rate adaption as per spec	lynxis	04/15/2019 07:50 AM	Related to #1543,Related to #1543
1542	OsmoPCU		Bug	New	High	Post gsmtap/EGPRS patch to the wireshark project		07/18/2019 03:59 PM	
1541	OsmoPCU		Feature	Stalled	Low	Move TBF list from BTS to the TRX structure		03/01/2018 11:17 PM	Related to #1538
1539	OsmoPCU		Feature	Stalled	Low	Remove knowledge of the TBF from the PDCH object inside PCU		03/01/2018 11:17 PM	
1538	OsmoPCU		Bug	Feedback	Low	Refactor and remove the global BTS singleton	zecke	07/21/2017 02:46 PM	Related to #1538,Blocks #1538
1537	OsmoPCU		Feature	New	Low	Move the BSSGP handling to libosmocore		03/01/2018 11:17 PM	Related to #1537,Related to #2388
1536	OsmoPCU		Feature	New	Low	Implement adaptive CS selection	sysmocom	03/03/2018 09:45 PM	Related to #1536,Related to #1543
1533	OsmoPCU		Feature	Feedback	Low	Separate the window handling from the TBF more clearly	zecke	07/21/2017 02:46 PM	Related to #1533
1532	OsmoPCU		Bug	New	Low	Increased number of poll timeouts on shared PDCHs	sysmocom	03/03/2018 09:45 PM	Related to #1524
1530	OsmoPCU		Feature	New	Low	Assign same TFI number in downlink/uplink		03/01/2018 11:16 PM	
1529	OsmoPCU		Feature	New	Low	Support MCS 5-9 in uplink	sysmocom	03/03/2018 09:45 PM	
1528	OsmoPCU		Bug	New	Low	Find a real fix for EGPRS_AckNack_w_len_t decoding	sysmocom	03/03/2018 09:45 PM	
1527	OsmoPCU		Feature	New	Low	Set correct values of the puncturing scheme and the retransmission flag	sysmocom	03/03/2018 09:45 PM	
1526	OsmoPCU		Feature	Stalled	Normal	Acquire/update timing advance (TA)	lynxis	04/15/2019 07:50 AM	Related to #1545,Related to #1531,Related to #1524,Related to #3472,Related to #2977
1525	OsmoPCU		Feature	New	Low	Use the Radio Access Capabilities that are being transferred via BSSGP (downlink)	lynxis	04/15/2019 07:52 AM	Related to #3499

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1524	OsmoPCU		Bug	Stalled	Normal	PACCH on the wrong timeslot	lynxis	09/04/2019 09:15 AM	Related to #1524,Related to #1524,Related to #1524,Related to #2709,Related to #1524,Related to #1524,Related to #3014
<b>OsmoNITB (23)</b>									
3278	OsmoNITB		Bug	New	Normal	Disconnected ESME socket leaves esme entry in smsc->esme_list		05/18/2018 12:04 AM	
2938	OsmoNITB		Bug	New	Low	osmo-nitb version 1.0.0 in 'latest' constantly logs LIBDBI error		02/13/2018 11:00 AM	
2691	OsmoNITB		Bug	Feedback	Normal	Old TMSI paged after LU		05/17/2018 11:47 AM	
2595	OsmoNITB		Bug	New	Low	db: find the best way to allocate unused random extension and avoid infinite loop		03/05/2018 07:35 PM	
2438	OsmoNITB		Bug	New	Normal	MS not registered from osmocom PoV, but registered from ofono PoV		08/14/2017 09:36 AM	
2433	OsmoNITB		Bug	New	Low	Drop MGCP_DUMMY_LOAD frames and use proper Osmux Dummy frames	pespin	08/21/2017 02:23 PM	
2414	OsmoNITB		Bug	New	Normal	SMSC: deliverSM message with no user_message_reference		08/15/2017 05:53 PM	Related to #2413,Related to #2414
1955	OsmoNITB		Bug	New	Normal	Investigate "Bad signalling message" error		03/05/2018 07:33 PM	
1904	OsmoNITB		Bug	New	Normal	get rid of deprecated functions		03/05/2018 07:33 PM	
1829	OsmoNITB		Bug	New	Normal	Fix warnings introduced by ctrl constify		03/05/2018 07:34 PM	
1812	OsmoNITB		Feature	New	Normal	Report gsm0408_dispatch() failures to MS / UE	sysmocom	03/05/2018 07:34 PM	
1725	OsmoNITB		Bug	Stalled	Low	iPhone6 network selection issue with GSM1900		03/05/2018 07:35 PM	
1671	OsmoNITB		Bug	Stalled	Low	Combined 850/1800 NITB not seen by Option Icon2 stick		03/05/2018 07:35 PM	
1667	OsmoNITB	osmo-sip-connector	Feature	New	Normal	Handle callref better		09/04/2019 09:31 AM	Related to #3294
72	OsmoNITB		Bug	New	Low	struct gsm_call can leak..		05/09/2016 07:37 PM	
70	OsmoNITB		Bug	New	Low	nitb crashes in the rtp_proxy when a phone on a MT-call sends a 'CONNECT' before the CRCX ACK came back		05/09/2016 07:37 PM	
54	OsmoNITB		Bug	New	Normal	osmo-nitb keeps rtp-proxy socket open in case no DLCX_IND is sent		03/05/2018 07:34 PM	
48	OsmoNITB		Bug	New	Normal	Periodic timer and paging		03/05/2018 07:34 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
38	OsmoNITB		Bug	New	Normal	subscr_update should sync database before dispatching the signal		03/05/2018 07:34 PM	
37	OsmoNITB		Bug	New	Normal	RTP Proxy dealing with SSRC change and sequence numbers		03/05/2018 07:34 PM	
28	OsmoNITB		Bug	New	Low	Old siemens phones cannot make voice calls (04.08 channel mode)		03/05/2018 07:36 PM	
21	OsmoNITB		Bug	New	Low	we don't see CHANnel ReQireD from motorola EZX phones at call setup		03/05/2018 07:36 PM	
18	OsmoNITB		Feature	New	Low	store last location identity to database		05/24/2018 01:15 PM	
<b>OsmoMSC (73)</b>									
4240	OsmoMSC		Bug	New	Normal	test: incoming call when already Paging		10/21/2019 05:13 PM	
4200	OsmoMSC		Feature	In Progress	Normal	Work around nano3G-S16 requiring RAB ID to be below 16	efistokl	09/14/2019 09:48 AM	
4196	OsmoMSC		Feature	New	Normal	CC Setup, Call Confirmed: decode and use the Supported Codec List IE		09/25/2019 05:27 PM	
4191	OsmoMSC		Bug	Stalled	Normal	vlr.c:762 Trying to dispatch event 1 to non-existent FSM instance!	neels	10/01/2019 05:22 AM	
4169	OsmoMSC		Bug	In Progress	Normal	transition to state MSC_A_ST_RELEASING not permitted!		09/03/2019 12:23 AM	
4168	OsmoMSC		Bug	In Progress	Normal	RAN decode: BSSMAP: BSSMAP data truncated, discarding message	neels	09/02/2019 11:42 PM	
4167	OsmoMSC		Bug	Feedback	Normal	Event VLR_ULA_E_ID_IMEISV not permitted	osmith	09/04/2019 08:13 PM	
4144	OsmoMSC		Feature	Stalled	Normal	provide config to enable/disable UTRAN encryption		08/13/2019 02:57 PM	Blocks #4144
4122	OsmoMSC		Support	New	Normal	Moving to the smpp-config node and getting SMPP messages working		07/22/2019 02:07 PM	
4117	OsmoMSC	SGs Interface	Bug	New	Normal	osmo-msc crash when paging SGs after MME disconnects	dexter	08/01/2019 09:27 AM	
4115	OsmoMSC		Bug	New	Normal	osmo-msc fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)	Hoernchen	07/18/2019 05:25 AM	Related to #4115,Related to #4123
4065	OsmoMSC	MGCP towards MGW	Feature	New	Normal	osmo-msc: Support instructing MSC_MGW to use Osmux between 2 endp/call-leg of same voice call	pespin	06/19/2019 04:54 PM	Related to #4065
4038	OsmoMSC	luCS support	Feature	New	Normal	MSC_Tests_lu: BSC_ConnectionHandler.ttcn missing handling of RAB-AssignmentRequest	sysmocom	06/03/2019 02:54 PM	
4017	OsmoMSC		Bug	New	Normal	MSC fails to handle calls		05/29/2019 04:56 PM	
4004	OsmoMSC	Mobility Management	Bug	New	Low	lu_fsm_priv.rej_cause is never used	neels	05/16/2019 08:33 AM	
3992	OsmoMSC		Bug	New	Normal	inter-MSC handover for signalling-only?		05/09/2019 11:39 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3988	OsmoMSC		Feature	New	Low	change the remaining DEBUGP() statements to LOG_MSC_A() / LOG_MSC_A_CAT()		05/08/2019 03:26 PM	
3880	OsmoMSC	SMS	Bug	New	Normal	GSUP MT-ForwardSM Message Reference - wrong value in a response		04/01/2019 07:47 AM	
3829	OsmoMSC		Bug	New	Normal	osmo-msc expects aoip TLV in Assignment Complete messages from BSC		03/07/2019 08:30 PM	
3755	OsmoMSC		Feature	New	Low	make retrieval of IMEISV configurable		05/07/2019 12:28 PM	Related to #3755
3743	OsmoMSC		Bug	In Progress	Normal	subscriber re-assoc crashes osmo-msc		12/29/2018 01:14 AM	Is duplicate of #3742
3742	OsmoMSC		Bug	In Progress	Normal	libmsc/gsm_04_08.c: OSMO_ASSERT(!conn->vsub) failed in msc_vlr_subscr_assoc()		03/30/2019 05:50 PM	Is duplicate of #3742
3738	OsmoMSC		Feature	New	Normal	Clarify PS-part of struct vlr_subscr		12/19/2018 12:34 PM	
3735	OsmoMSC		Bug	Stalled	Normal	call arriving during another call has no voice	neels	06/18/2019 09:18 PM	
3687	OsmoMSC		Feature	New	Normal	Expand "show bsc" command		11/11/2018 09:50 PM	
3648	OsmoMSC		Feature	New	Low	persistent VLR (across re-starts of osmo-msc / across power outage)		07/18/2019 06:15 AM	Related to #3649
3636	OsmoMSC		Feature	New	Normal	detailed call statistics (with rate counters)	osmith	10/08/2018 11:14 AM	Related to #3636
3621	OsmoMSC	A interface (general)	Feature	New	Normal	TTCN-3 test suite for inter-BSC handover	neels	07/18/2019 05:04 AM	Related to #3621
3620	OsmoMSC		Feature	Stalled	Normal	Implement TTCN-3 testsuite for Inter-MSC HO	neels	09/04/2019 09:08 AM	
3470	OsmoMSC	Mobility Management	Feature	New	Low	Allow sending "Emergency Number List IE" in LU ACCEPT		09/01/2018 08:18 PM	Related to #3470
3469	OsmoMSC	Call Control	Feature	New	Low	Support for "service category" in emergency calls		08/24/2018 12:48 PM	Related to #3470
3445	OsmoMSC	SS/USSD	Feature	Stalled	Normal	SS/USSD: clean up the local GSM 04.80 API		12/14/2018 01:57 PM	
3294	OsmoMSC		Bug	Stalled	High	transaction: refactor callref allocation	neels	09/26/2019 06:50 PM	Related to #3294,Related to #3294
3169	OsmoMSC	SMPP Interface	Bug	New	Low	OsmoMSC rejects SMPP messages with empty SMS	sysmocom	04/14/2018 06:43 PM	
3165	OsmoMSC		Feature	New	Low	Verify LU Request's LAI	osmith	07/18/2019 05:48 AM	Related to #3164
3164	OsmoMSC		Bug	Feedback	Low	invalid LAI in level 3 complete: unify BSSMAP and RANAP verification	neels	07/29/2019 01:34 PM	Related to #3162,Related to #3163,Related to #3164
3163	OsmoMSC		Bug	New	Low	RANAP: reject Level 3 Complete from cells with invalid LAI	osmith	07/18/2019 05:47 AM	Related to #3162,Related to #3163
3156	OsmoMSC		Feature	New	Normal	make sure we handle N overlapping CM Service Requests properly		04/11/2018 11:50 AM	Is duplicate of #3069

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3125	OsmoMSC		Bug	New	Low	testcase for fixed "osmo-msc crashes while handling a call"	neels	06/23/2018 07:26 PM	Related to #3122,Related to #2880
3110	OsmoMSC		Bug	New	Normal	Test and possibly fix ID Request after Auth failure	neels	09/30/2018 11:36 AM	
3069	OsmoMSC		Feature	New	Normal	investigate multiple CM Service Request on the same conn	neels	05/09/2019 12:30 AM	Is duplicate of #3069
2943	OsmoMSC	MGCP towards MGW	Bug	New	Normal	Errors in MGCP do not propagate back to MNCC gsm_subscriber_conn state machine		09/04/2019 09:21 AM	
2933	OsmoMSC		Bug	New	Low	change of trans->bearer_cap (e.g. via MNCC) will not trigger BSSMAP ASSIGNMENT	sysmocom	02/12/2018 11:36 AM	Related to #2854
2931	OsmoMSC	SS/USSD	Feature	Stalled	Low	USSD test cases in TTCN-3	fixeria	08/14/2019 10:14 AM	Related to #1597
2928	OsmoMSC		Bug	New	Normal	OsmoMSC doesn't do BSSMAP ASSIGNMENT if no MNCC_RTP_CREATE is received	sysmocom	02/11/2018 05:38 PM	
2916	OsmoMSC		Bug	New	Normal	asan failure on debian unstable in msc_vlr_test_gsm_ciph		02/09/2018 04:20 PM	
2895	OsmoMSC		Bug	New	Normal	OsmoMSC excessively uses LU Reject Cause 22 (congestion)	osmith	07/18/2019 05:41 AM	
2884	OsmoMSC		Bug	New	Low	Call Control timers are very long and not configurable	sysmocom	01/27/2018 08:50 AM	
2883	OsmoMSC		Bug	New	Normal	GSUP encoding of MSISDN is wrong	sysmocom	08/08/2018 11:03 AM	
2878	OsmoMSC		Feature	New	Low	OsmoMSC support for "Follow-on request/proceed"		01/26/2018 09:11 PM	
2877	OsmoMSC		Bug	New	Normal	OsmoMSC fails on bearer capability without octet 3a	osmith	07/18/2019 05:45 AM	
2872	OsmoMSC	A interface (general)	Bug	Feedback	Normal	OsmoMSC doesn't check if CIPHER MODE COMPLETE contains cipher that matches REQUEST	neels	07/29/2019 01:15 PM	
2851	OsmoMSC		Bug	Stalled	Normal	a_iface.c:534 Unhandled SIGTRAN primitive: 3:2		07/18/2019 05:45 AM	
2846	OsmoMSC		Bug	New	Normal	MSC doesn't close SCCP/BSSAP connection on CM SERV REQ tht cannot be parsed	osmith	07/18/2019 05:44 AM	
2832	OsmoMSC		Feature	New	Low	MNCC doesn't include field for "supported codecs"		01/16/2018 07:00 AM	Related to #2832,Related to #1683
2795	OsmoMSC		Feature	New	Normal	Handle UTRAN_CLSM_CHG in MSC	neels	04/30/2018 12:06 PM	Related to #3043
2788	OsmoMSC		Feature	New	Normal	OsmoMSC should handle CM Service Abort message	neels	01/04/2018 10:37 AM	
2783	OsmoMSC	luCS support	Bug	In Progress	Low	it seems like OsmoMSC is forcing lu/UMTS to use encryption. why?	neels	07/31/2019 01:58 PM	
2698	OsmoMSC		Bug	New	High	Add more tests to jenkins job testing osmo-msc against NG40tester	daniel	08/02/2018 09:38 AM	Related to #2477
2669	OsmoMSC	A interface (general)	Bug	New	Low	osm-msc doesn't clean up BSC state	osmith	09/30/2018 11:37 AM	



#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
2487	OsmoMSC		Feature	Stalled	Normal	MSC side of LCLS (local call local switching) as per the 3GPP specs		09/04/2019 09:05 AM	Related to #1602,Related to #3659,Related to #3691,Related to #3618,Related to #3294
2391	OsmoMSC		Feature	New	Low	add osmocom specific TLVs to A-interface for BTS/TS and subscriber details		10/02/2018 03:40 PM	
2390	OsmoMSC	SMPP Interface	Feature	New	Normal	re-add osmocom specific TLVs to SMPP messages		12/23/2017 05:48 PM	
2373	OsmoMSC		Bug	New	Low	SMS sent to old Nokia 1100: "message 0x332/1" causes CP-ERROR, and SMS is received 5 or more times		08/03/2018 05:22 PM	
2191	OsmoMSC	SMPP Interface	Feature	New	Normal	raw PDU mode for SMPP		12/23/2017 05:48 PM	
1974	OsmoMSC		Feature	New	Low	VLR: high water mark on subscriber storage	Osmocom CNI Developers	07/18/2019 06:15 AM	Related to #1973
1973	OsmoMSC		Feature	New	Low	VLR: efficient subscriber lookup	Osmocom CNI Developers	07/18/2019 06:15 AM	Related to #1973
1862	OsmoMSC	luCS support	Feature	New	Low	luCS: postpone signalling until after ciphering	neels	05/30/2018 03:01 PM	
1603	OsmoMSC		Feature	New	Low	Interfacing the MSC with other networks: Roaming interfaces / MAP		07/18/2019 06:13 AM	
1599	OsmoMSC		Feature	New	Normal	Gs interface (BSSMAP+) between SGSN and MSC/VLR		10/29/2017 09:07 PM	Related to #1583,Related to #1747,Related to #1599
1597	OsmoMSC		Feature	Stalled	Low	External interface for USSD	fixeria	11/27/2018 11:08 PM	Related to #1597,Related to #3433
41	OsmoMSC	Call Control	Bug	New	Normal	Numbering Plan in OsmoMSC		06/23/2018 07:37 PM	
25	OsmoMSC	Call Control	Feature	New	Low	Call HOLD / RETRIEVE support for internal MNCC		08/01/2019 03:06 PM	
<b>OsmoMGW (29)</b>									
4153	OsmoMGW		Bug	New	Normal	3G voice broken with ALu 9361 femto		08/16/2019 10:45 AM	
4150	OsmoMGW		Feature	New	Low	dead code / If an MDCX omits SDP, all codec config might be cleared		08/13/2019 11:01 PM	
4092	OsmoMGW		Feature	New	Normal	Osmux: Support dynamic allocation of osmux sockets	pespin	07/05/2019 05:15 PM	Related to #4092
4079	OsmoMGW		Support	Feedback	Normal	Create Endpoint	Osmocorn	07/01/2019 02:27 PM	
4034	OsmoMGW		Bug	New	Normal	Bad default value for number of endpoints		05/31/2019 02:52 PM	
4005	OsmoMGW	libosmo-mgcp	Bug	New	Normal	TTCN3 crashes when receiving an RTP MGCP_DUMMY_LOAD from osmo-mgw during CRCX	sysmocom	05/16/2019 02:45 PM	Related to #4005

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3980	OsmoMGW		Bug	New	Normal	Clear Command before CRCX OK may leak MGW endpoint		05/06/2019 10:11 PM	
3849	OsmoMGW		Bug	New	Normal	race condition problem in rtp flow tests of the ttcn3 testsuite		09/04/2019 09:26 AM	
3822	OsmoMGW		Bug	New	Low	conn mode "sendonly" behaves identically to "sendrecv"		03/04/2019 09:34 PM	
3731	OsmoMGW		Bug	New	Normal	TTCN3 TC_rtpem_selftest randomly fails	daniel	12/13/2018 12:37 PM	
3511	OsmoMGW		Bug	In Progress	Normal	osmo-mgw does not forward RTP packets anymore		08/29/2018 04:33 PM	
3490	OsmoMGW		Feature	New	Normal	Add config option to allow arbitrary domain names in endpoints		08/20/2018 10:08 PM	Related to #3490
3443	OsmoMGW		Bug	New	Normal	Check audio-payload options in osmo-mgw VTY		08/02/2018 03:59 PM	
3442	OsmoMGW		Bug	New	Normal	fix int mgcp_codec_decide() in mgcp_codec.c		09/04/2019 09:26 AM	
3352	OsmoMGW		Feature	New	Low	osmo-mgw does not allow multiple codecs in LCO	dexter	06/23/2018 06:18 PM	
3207	OsmoMGW		Feature	New	Low	Support for RTP Payload Format according to "ETSI TS 101 318"		04/24/2018 03:53 PM	
2981	OsmoMGW		Bug	New	Normal	make check: mgcp test failed		02/22/2018 10:14 AM	Related to #2981,Related to #2982,Related to #2981
2702	OsmoMGW		Feature	New	Low	libosmo-mgcp doesn't use osmo_sock_API		12/03/2017 09:42 AM	
2659	OsmoMGW		Feature	New	High	prepare osmo-mgw architecture for other endpoint types	laforge	09/04/2019 09:06 AM	Related to #3260,Related to #2659
2651	OsmoMGW		Feature	New	Low	Support MGCP Piggybacking		11/18/2017 05:44 PM	
2650	OsmoMGW		Bug	New	Normal	how can osmo-mgw send a dummy RTP packet before CRCX ACK?	dexter	05/16/2019 02:39 PM	Related to #4005
2580	OsmoMGW		Feature	New	Low	implement timeout/resend mechanism for mgcp_client		09/04/2019 09:26 AM	
2547	OsmoMGW		Feature	New	High	Add E1/T1 endpoint type to osmo-mgw	laforge	09/04/2019 09:06 AM	Related to #2547,Related to #3965,Related to #2659
2546	OsmoMGW		Feature	New	Low	support play-out/announcement endpoint type		10/06/2017 12:30 PM	
2523	OsmoMGW		Feature	New	Normal	transcoding: remove "not yet implemented" from MNCC manual once transcoding is in place	daniel	03/16/2018 07:54 PM	
2459	OsmoMGW		Feature	New	Normal	remove nano3G luUP "Initialization ACK" hack when luUP proxy is in place		05/30/2018 02:59 PM	Related to #3411,Precedes #2459
2411	OsmoMGW		Feature	New	Low	No support for RTP dynamic payload types - AMR/HR/EFR payload types are hardcoded		03/05/2018 07:04 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
1937	OsmoMGW		Feature	New	Normal	Implement way how to handle luUP on RTP endpoints	laforge	10/17/2018 10:14 AM	Related to #3411,Precedes #2459,Precedes #1937
1936	OsmoMGW		Feature	Stalled	Normal	Implementation of luUP SMpSDU mode	laforge	10/17/2018 10:14 AM	Precedes #1937
<b>OsmoHNBGW (11)</b>									
4162	OsmoHNBGW		Bug	New	Normal	when hnb with duplicate CID show up, rejected hnbap requests build up in the hnb list		08/21/2019 12:34 AM	Related to #4162
4158	OsmoHNBGW		Bug	New	Normal	segfault when paging, in a situation with duplicate CID in hnb register requests		08/21/2019 12:38 AM	Related to #4162
4128	OsmoHNBGW		Feature	New	Low	Add support of Huawei hNodeB protocol		07/24/2019 03:39 PM	
3820	OsmoHNBGW		Bug	New	Normal	osmo-hnbgw does not properly do RANAP RESET and RESET ACK on the link towards MSC and SGSN		03/04/2019 07:59 PM	Related to #3944
2858	OsmoHNBGW		Bug	New	Low	No automatic testing of luh interface		05/30/2018 03:00 PM	Precedes #2858
2588	OsmoHNBGW		Bug	New	Normal	OsmoHNBGW has no user manual	daniel	03/16/2018 07:54 PM	Related to #2588
2437	OsmoHNBGW		Bug	New	Low	synchronize different asn1c APER forks	sysmocom	07/18/2019 06:11 AM	Related to #2435,Related to #2436,Related to #3862
2436	OsmoHNBGW		Feature	New	Low	Test cases for asn1c APER encoding	sysmocom	07/18/2019 06:11 AM	Related to #2435,Related to #2436,Related to #3862
2435	OsmoHNBGW		Bug	New	Low	Osmocom asn1c/libasn1c is based on old fork	sysmocom	07/18/2019 06:10 AM	Related to #2435,Related to #2435,Related to #3862
2394	OsmoHNBGW		Feature	New	Low	Implement SABP (Service Area Broadcast Protocol)	laforge	07/18/2019 03:58 PM	Related to #2393,Related to #2392,Related to #3979
1997	OsmoHNBGW		Feature	New	Normal	Improve error check at compilation time		04/10/2017 11:12 AM	
<b>OsmoHLR (12)</b>									
4163	OsmoHLR		Bug	New	Normal	Subscriber on demand: "Error while deleting subscriber data for IMSI" after changing network access mode from cs+ps back to none	osmith	08/22/2019 01:41 PM	
3830	OsmoHLR		Feature	New	Low	make downward compatible db-schema updates automatic		07/18/2019 06:15 AM	
3732	OsmoHLR		Feature	New	Low	Support tacdb query in HLR		07/18/2019 06:12 AM	Related to #3732
3717	OsmoHLR		Bug	Stalled	High	SS/USSD: fix SS session inactivity timeout	fixeria	12/05/2018 08:45 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3649	OsmoHLR		Feature	New	Low	Investigate LMDB as HLR data storage		10/12/2018 11:35 AM	Related to #3649
3644	OsmoHLR		Feature	New	Normal	allow arbitrary bytes in Global Title (GT), a.k.a. the VLR,SGSN's identification towards the HLR		10/11/2018 11:54 AM	Related to #3644,Related to #3644
3019	OsmoHLR		Feature	New	Low	add config for number of auth tuples returned		06/23/2018 06:58 PM	
2840	OsmoHLR		Feature	New	Low	HLR should allow 2g-only or 3g-only subscribers	neels	06/23/2018 06:59 PM	
2796	OsmoHLR		Bug	In Progress	Normal	OsmoHLR doesn't update VLR during UpdateLocation	neels	10/08/2018 10:15 PM	Related to #3154,Related to #3355,Related to #3356,Related to #3601
2567	OsmoHLR		Feature	New	Low	tell the MSC(s) when subscriber data has changed		10/11/2017 01:50 AM	
2542	OsmoHLR		Feature	In Progress	Normal	have subscriber create-on-demand	osmith	07/15/2019 07:24 AM	Related to #2541
1643	OsmoHLR		Feature	New	Low	programmatic access to new asynchronous external HLR		12/10/2017 08:06 PM	Related to #1643,Blocks #1643

### OsmoGSMTester (57)

4151	OsmoGSMTester		Bug	Stalled	Normal	osmo-gsm-tester: osmo-trx-lms process sometimes kept forever in zombie-alike state after killing it	pespin	09/17/2019 11:22 AM	Related to #4151
3931	OsmoGSMTester		Support	New	Normal	Contact quectel to get info about modem updates (hopefully less crashes)	sysmocom	04/15/2019 01:40 PM	Related to #3931
3917	OsmoGSMTester		Bug	New	Normal	update debian packages to match our dependencies	lynxis	04/11/2019 04:12 PM	
3902	OsmoGSMTester		Support	New	Normal	osmo-ci: ansible: gsm-tster: Drop local copy of osmo-gsm-tester shell helpers and install them from osmo-gsm-tester.git master	lynxis	04/04/2019 02:59 PM	
3740	OsmoGSMTester		Bug	New	Normal	Figure out best fix for iperf3m4.py where some MS fails to register	pespin	12/20/2018 05:50 PM	
3715	OsmoGSMTester		Bug	New	Low	osmo-gsm-tester: Mainloop.wait() hangs forever in Mainloop.poll()	pespin	12/03/2018 09:53 AM	
3676	OsmoGSMTester		Bug	New	Normal	ofono: org.ofono.ConnectionManager property Bearer returning "none"	osmo-gsm-tester	10/29/2018 01:11 PM	
3564	OsmoGSMTester		Feature	New	Normal	Investigate ofono and modems Cell Broadcast support	lynxis	09/29/2018 08:57 AM	Related to #3564
3560	OsmoGSMTester		Bug	Stalled	Normal	nanoBTS multiTRX tests in osmo-gsm-tester Prod setup failing	pespin	09/04/2019 09:16 AM	Related to #3560,Related to #3560,Related to #3628,Is duplicate of #3475
3324	OsmoGSMTester		Bug	New	Normal	production setup: EC20 fails to enumerate	lynxis	06/23/2018 06:55 PM	
3320	OsmoGSMTester		Bug	New	Normal	add a README about the python dependencies	pespin	06/06/2018 08:38 AM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3234	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: poll the python-smplib socket using non-busy approach	pespin	05/04/2018 12:22 PM	Related to #2512
3068	OsmoGSMTester		Bug	New	Normal	resource objects leaked or destroyed too late	pespin	03/15/2018 06:36 PM	
3046	OsmoGSMTester		Bug	New	Normal	ofono: SierraW modem fails to power on	lynxis	03/09/2018 10:58 AM	
2941	OsmoGSMTester		Bug	New	Normal	ofono: SierraW sometimes crashing while deactivating a context.	lynxis	02/13/2018 04:16 PM	
2861	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: Add 3g support for sysmocell-5k	osmo-gsm-tester	05/30/2018 02:58 PM	Related to #2860
2860	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: Add 3g support with nano3G board	pespin	09/20/2019 11:41 AM	Related to #2860
2713	OsmoGSMTester		Bug	New	Normal	ofono: chosen pdp type (v4, v6, dual) not strictly followed in ofono qmi	lynxis	12/07/2017 01:25 PM	Related to #2713
2707	OsmoGSMTester		Feature	New	Normal	Add support for verifying content of log files after test is run	osmo-gsm-tester	12/04/2017 05:05 PM	
2683	OsmoGSMTester		Bug	In Progress	Normal	ofono: EC20 failing to create ipv6 or dual contexts	lynxis	12/15/2017 11:41 AM	Related to #2713,Blocks #2683
2662	OsmoGSMTester		Bug	New	Normal	osmo-gsm-tester: Test voice:trx-sysmocell5000 sometimes fails since update to use osmo-mgw	osmo-gsm-tester	01/22/2018 10:42 AM	
2646	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: Add osmo-sip-connector support	osmo-gsm-tester	04/23/2018 10:40 AM	
2621	OsmoGSMTester		Bug	New	Normal	Gobi2000: might stopped working because all CID got assigned	lynxis	11/15/2017 11:07 AM	
2615	OsmoGSMTester		Bug	New	Normal	Add API to check GPS lock in BTS	osmo-gsm-tester	11/03/2017 05:00 PM	
2612	OsmoGSMTester		Feature	New	Low	Allow skipping pcaps by configuration if access to tcpdump is not wanted	osmo-gsm-tester	11/02/2017 02:55 PM	
2511	OsmoGSMTester		Bug	New	Normal	ofono: check all services for simple use before register race condition	lynxis	10/10/2017 09:15 AM	Related to #2456,Related to #2458
2504	OsmoGSMTester		Support	New	Normal	check whether running osmo-* from docker images is feasible on osmo-gsm-tester	osmo-gsm-tester	09/08/2017 12:44 PM	
2497	OsmoGSMTester		Support	Stalled	Normal	Set up SIM cards with auth algo other than comp128v1	daniel	10/15/2019 11:44 AM	Related to #2475
2468	OsmoGSMTester		Feature	New	Low	ofono: gobi modem doesn't support ofono SupplementaryServices interface	lynxis	10/17/2017 11:55 AM	
2463	OsmoGSMTester		Bug	New	Normal	Add doc on dependencies needed for the jenkins slave running osmo-gsm-tester-gerrit job	pespin	04/10/2018 02:08 PM	Related to #2463,Related to #2463
2452	OsmoGSMTester		Bug	New	Low	osmo-gsm-tester: ESME should send submit_sm as a response to deliver_sm	pespin	10/29/2017 06:33 PM	Related to #2429
2432	OsmoGSMTester		Feature	New	Low	ofono: Find out how to receive Status / Delivery report	lynxis	02/18/2019 03:43 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
2431	OsmoGSMTester		Bug	New	Normal	osmo-gsm-tester: add test case: MS sends SMS to ESME	osmo-gsm-tester	08/10/2017 03:47 PM	
2399	OsmoGSMTester		Feature	New	Normal	add tests for graceful restart of individual components	osmo-gsm-tester	07/25/2017 12:02 AM	
2374	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: add test case: sms between MS with delivery report	osmo-gsm-tester	08/10/2017 04:37 PM	
2318	OsmoGSMTester		Feature	New	Normal	testing sysmobts: skip copying of binaries when the same are already installed	osmo-gsm-tester	06/07/2017 03:55 PM	
2314	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: add test case: smpp: correct ESME routing	osmo-gsm-tester	05/31/2017 04:29 PM	
2313	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: add test case: smpp: imsi extension	osmo-gsm-tester	05/31/2017 04:27 PM	
2311	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: add test case: smpp: smpp_first feature	osmo-gsm-tester	05/31/2017 04:21 PM	
2303	OsmoGSMTester		Feature	New	Normal	in the jenkins builds for osmo-gsm-tester, disable and/or exclude static libraries	osmo-gsm-tester	05/30/2017 12:17 PM	
2288	OsmoGSMTester		Feature	New	Low	logging: print in a short way which resource is being reserved and used	osmo-gsm-tester	05/23/2017 02:25 PM	
2287	OsmoGSMTester		Feature	New	Low	processes launched by gsmtester: store command lines called next to stdout and stderr	osmo-gsm-tester	05/23/2017 12:11 PM	
2271	OsmoGSMTester		Feature	New	Low	add test names to pick to the -s cmdline option	osmo-gsm-tester	05/18/2017 12:32 PM	
2266	OsmoGSMTester		Feature	New	Normal	in the gsm tester, use ipa.py from openbsc instead of the current CTRL implementation	osmo-gsm-tester	10/16/2017 12:36 PM	
2245	OsmoGSMTester		Bug	New	Low	osmo-bts cfg: fix band string	osmo-gsm-tester	05/15/2017 12:58 PM	Related to #2230
2238	OsmoGSMTester		Bug	In Progress	Normal	ofono: Gobi modem: cannot receive SMS	lynxis	01/04/2018 11:07 AM	Related to #2238
2237	OsmoGSMTester		Bug	Feedback	Normal	ofono: Gobi modem: successful SMS delivery is evaluated as not successful	lynxis	06/07/2018 02:08 PM	Related to #2237,Related to #2237,Blocks #2237
2236	OsmoGSMTester		Bug	New	Low	ofono: Fix valgrind issues	lynxis	10/17/2017 12:15 PM	
2230	OsmoGSMTester		Feature	New	Normal	osmo-gsm-tester: arfcn as resource	osmo-gsm-tester	12/14/2017 04:08 PM	Related to #2230
2225	OsmoGSMTester		Feature	New	Low	tester nitb: connect ctrl interface only once	osmo-gsm-tester	05/15/2017 12:58 PM	
2209	OsmoGSMTester		Feature	New	Low	osmo-gsm-tester: add test API to explicitly free a resource	osmo-gsm-tester	05/19/2017 11:01 AM	Related to #2208
2208	OsmoGSMTester		Feature	New	Low	osmo-gsm-tester: allow running binaries for a whole suite, or only for a single test	osmo-gsm-tester	05/30/2017 01:07 PM	Related to #2208
2207	OsmoGSMTester		Feature	New	Low	osmo-gsm-tester trial run-dir: improve structure	osmo-gsm-tester	05/24/2017 01:04 PM	
2200	OsmoGSMTester		Feature	New	Low	osmo-gsm-tester: allow collecting statistics / KPI of a test case	osmo-gsm-tester	05/15/2017 12:58 PM	Related to #2201

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
2197	OsmoGSMTester		Feature	Stalled	Normal	osmo-gsm-tester: use MNCC interface	osmo-gsm-tester	11/30/2017 10:41 AM	Related to #2194,Is duplicate of #2197
2196	OsmoGSMTester		Feature	New	Low	libmsc ctrl interface: add CTRL command to query a single subscriber's attached state	osmo-gsm-tester	05/15/2017 12:58 PM	
2189	OsmoGSMTester		Bug	New	Normal	ofono: EC20: cannot send SMS	lynxis	11/28/2017 04:21 PM	

### OsmoGGSN (former OpenGGSN) (10)

4172	OsmoGGSN (former OpenGGSN)		Bug	New	Normal	osmoggsn crashes when stopping		08/29/2019 11:35 AM	
4161	OsmoGGSN (former OpenGGSN)	libgtp	Bug	New	Normal	Implement pdp idle timer	pespin	08/20/2019 06:30 PM	Related to #4161
4154	OsmoGGSN (former OpenGGSN)	openggsn	Bug	Feedback	Normal	Duplicated PDP context entries	keith	09/02/2019 10:58 AM	Related to #4161,Related to #4165
4114	OsmoGGSN (former OpenGGSN)		Bug	New	Normal	osmo-ggsn fails to compile on openSUSE Tumbleweed (gcc 9.1 with LTO enabled)	Hoernchen	07/18/2019 05:24 AM	Related to #4114,Related to #4123
4033	OsmoGGSN (former OpenGGSN)		Feature	New	Normal	ttn3-ggsn-test: Add tests to verify secondary pdp context management		05/30/2019 03:19 PM	
3209	OsmoGGSN (former OpenGGSN)	openggsn	Bug	Stalled	Urgent	no example config file + documentation about kernel GTP with OsmoGGSN	laforge	07/04/2018 12:45 PM	
3208	OsmoGGSN (former OpenGGSN)		Bug	Stalled	Normal	automatic test setup for OsmoGGSN with kernel-gtp-u	laforge	10/17/2018 10:14 AM	Related to #3208
2946	OsmoGGSN (former OpenGGSN)		Feature	New	Normal	Add test suite for sgsnemu	pespin	05/30/2018 02:18 PM	
2494	OsmoGGSN (former OpenGGSN)		Feature	New	Low	IPv6 support on the outer (transport) layer	laforge	10/29/2017 06:33 PM	
1896	OsmoGGSN (former OpenGGSN)		Bug	New	Normal	ggsn unable to set tun interface on FreeBSD v11		12/23/2016 03:36 AM	

### OsmocomTETRA (1)

1897	OsmocomTETRA		Bug	New	Low	Inefficient sequence search in tetra_find_train_seq		04/10/2017 01:04 AM	
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### OsmocomBB (35)

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
4030	OsmocomBB		Feature	In Progress	Low	design breakout board for GTM900-B	mschramm	09/02/2019 09:34 PM	
3761	OsmocomBB	trxcon	Feature	New	Normal	Separate TDMA scheduler into a library (libtdmasched)	fixeria	06/21/2019 11:56 AM	
3669	OsmocomBB		Bug	New	Normal	empty IMSI in vty		10/24/2018 04:15 PM	
3666	OsmocomBB	trxcon	Feature	New	Normal	Introduce VTY interface	fixeria	06/21/2019 11:56 AM	Related to #3667
3653	OsmocomBB	OsmocomBB HW Drivers	Bug	New	Normal	FACCH/H sometimes not received by BTS with osmocomBB+motorolaCXX		10/22/2018 02:37 PM	
3652	OsmocomBB	OsmocomBB mobile (host)	Bug	New	Normal	Incorrect IMEISV setting in mobile application		10/12/2018 08:20 PM	
3629	OsmocomBB		Bug	New	Normal	mobile aborting after 'test re-selection 1' on vty		10/04/2018 02:58 PM	
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
3557	OsmocomBB	trxcon	Bug	New	Normal	trxcon: decoding errors after applying a new TCH mode	fixeria	06/21/2019 11:56 AM	
3554	OsmocomBB	trxcon	Bug	New	Normal	trxcon/scheduler: misaligned burst reception	fixeria	06/21/2019 11:56 AM	
3401	OsmocomBB	OsmocomBB Layer 1 (Coding)	Bug	New	Normal	target/firmware/l1ctl: both chan_nr and link_id are not set for L1CTL_DATA_CONF		07/16/2018 11:56 PM	
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	
3397	OsmocomBB	OsmocomBB Firmware	Feature	New	Normal	target/firmware: get rid of libosmocore dependency	fixeria	07/16/2018 08:22 PM	
3387	OsmocomBB	osmocon	Feature	New	Low	osmocon: Use libosmocore logging system		10/05/2018 04:21 PM	
3280	OsmocomBB		Feature	New	Low	Multiparty SS support in OsmocomBB		05/22/2018 07:40 AM	
2995	OsmocomBB		Bug	New	Normal	Wrong parsing of PAGING TYPE 3		02/24/2018 11:03 PM	Related to #2994
2966	OsmocomBB		Feature	New	Low	virtphy should have a localhost-only mode		07/18/2019 05:48 AM	
2913	OsmocomBB		Feature	New	Low	Add a tool that decodes Cell Broadcasts (SMSCB)		09/29/2018 09:31 AM	Related to #3564
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	
2704	OsmocomBB		Support	Feedback	Normal	set up FCDEV1B board so it can be remotely accessed remotely	roh	10/22/2019 02:58 PM	Related to #3581,Related to #3582
2694	OsmocomBB		Bug	New	Normal	SIGSEGV in lapdm code		11/30/2017 08:45 AM	
2690	OsmocomBB		Bug	New	Normal	ASAN issue on shutdown/no shutdown SYSINFO access		11/29/2017 09:33 AM	



#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
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
2555	OsmocomBB	OsmocomBB mobile (host)	Feature	Stalled	Normal	script interface to OsmocomBB "mobile"		09/04/2019 02:54 PM	Related to #2555,Related to #2555,Blocks #2893
2409	OsmocomBB		Feature	Stalled	High	Add GPRS support to virt_phy and L1CTL	laforge	07/04/2018 12:48 PM	
2379	OsmocomBB		Feature	New	Normal	package as .deb	fixeria	07/18/2019 05:43 AM	
2378	OsmocomBB		Feature	New	Normal	Remove copy-pasted libosmocore ("git subtree") from osmocom-bb.git		10/24/2018 02:13 PM	
1990	OsmocomBB	OsmocomBB HW Drivers	Bug	Feedback	Normal	bb nand flash	yangkkokk	07/10/2017 10:22 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	
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	
1462	OsmocomBB	OsmocomBB Layer 1 (Coding)	Bug	New	High	../../src/utils.c:182:7: error: only weak aliases are supported in this configuration		02/21/2016 04:48 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
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

### Osmocom.org Servers (33)

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	
4083	Osmocom.org Servers		Bug	New	Normal	git.osmocom.org: error: garbage at end of loose object	sysmocom	10/21/2019 12:15 PM	
3736	Osmocom.org Servers		Bug	In Progress	Normal	sporadic segmentation faults on jenkins build slave		12/16/2018 04:08 PM	
3631	Osmocom.org Servers		Feature	In Progress	Normal	migrate/upgrade openmoko.org mediawiki to osmocom-host2	laforge	10/07/2018 09:29 AM	
3471	Osmocom.org Servers		Bug	New	Normal	host2.osmocom.org not starting all services on reboot.	laforge	08/18/2018 01:50 PM	
3354	Osmocom.org Servers		Bug	New	Normal	Gerrit: wrong redirect URL after signing in		06/18/2018 09:20 PM	

#	Project	Category	Tracker	Status	Priority	Subject	Assignee	Updated	Related issues
3322	Osmocom.org Servers		Feature	New	Normal	Header image needed for our OpenCollective site	tsaitgaist	06/06/2018 08:30 PM	
3308	Osmocom.org Servers		Bug	New	Normal	jenkins: master-asn1c build: "error: 'param' undeclared"		08/20/2018 04:09 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
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
3291	Osmocom.org Servers		Feature	New	Low	gerrit - redmine integration		05/25/2018 04:34 PM	
3276	Osmocom.org Servers		Bug	New	Low	502 during cgkit rendering of large repo / increase proxy timeout	laforge	05/17/2018 12:28 PM	
3258	Osmocom.org Servers		Feature	In Progress	Low	migrate to mailman3 + HyperKitty	laforge	10/07/2018 01:36 PM	Related to #3258

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