

Africalist – Subsaharan Africa on Shortwave

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using various sources, especially Glenn Hauser's DXLD and the A-DX-Mailinglist, and of course my ears and your comments

For more detailed country-by-country information read „Africa on Shortwave“ by Tony Rogers, BDXC – www.bdx.org.uk

Introduction: What is this and Why all this?

This is a list of short wave broadcasting stations from Subsaharan Africa for listeners worldwide. This is not a complete list of all somewhat african short wave stations and is not intended to be one, as it omits intentionally (almost all) stations from north of the Sahara, from South Africa and Swaziland, those broadcasting to Africa from somewhere else in the world, and African relays of external services from anywhere else.

Why that? Mainly because their schedules are in general easy to find out somewhere else in the web (the stations homepages or Africa on Shortwave, see above). Also they are relatively easy to listen to. I'm much more interested into the others which are more difficult to monitor: Many of them do not publish schedules, many even do not have a webpage, or it's outdated. Most stations from Subsaharan Africa also can't be heard via live stream or satellite, but only via SW. Often, frequencies are changed without announcement, stations disappear and sometimes reappear, or new stations appear out of the informational nothing. Within the DXing community, reliable and up-to-date information on these stations is sometimes hard to find, and there are quite a number of errors in the loglists. On the other hand, some listeners wonder what they might have heard on this or that frequency, or if and where they may find a certain station. So I try to collect, weight, condense and comment all this information with the aim to have an up-to-date, accurate and comprehensive reference, free to use but with no warranty.

On the one hand, this list should give the actual (activity) status of the stations and frequencies, on the other hand it is an archive of somewhat „outdated“ information also, like at least a small selection of frequencies used in the past. I cannot keep a complete "backlist" of inactive stations and frequencies, but I try to refer at least to those I have some hope that they may be back on air sooner or later. To keep the list compact and easy to administer, I do not collect addresses and URL, QSL policy and similar information, you will find much of this in WRTH; Sender und Frequenzen or BDXC page.

Not any detail, however, will 100% correct and up-to-date. That's simply impossible. But if I do have serious doubts, you will find a remark on that. The same applies if I give information that it somewhat tentative, as this is better than no information.

Part 1: Stations by Frequency

Key to Frequency list

- column C Official Status or Background of the Station
- nothing government or public station
 - I independent / commercial / non-governmental station
 - P station of political party
 - R religious / missionary station
 - S separatist / rebel station
 - U United Nations and/or Fondation Hironnelle
- column D Current Activity status based on observations in the past few months
- a active or most likely active more or less regularly
 - u current status unconfirmed, not heard in recent months
 - o occasional use as alternative or additional frequency
 - x harmonic / mixing product
 - j likely used for jamming purposes or to escape jamming only
 - s sporadically, very irregular operation
 - i inactive or most likely inactive
 - f future plans / announced but unconfirmed

column E power in kW if stated somewhere

column F numbers: logged in 200x, X stands for 2010, * for 2011

- reception in Europe:
- ++ regularly, generally in good quality
 - + quite regularly, easy to listen to
 - o now and then, not so easy
 - rarely reported, difficult to listen to
 - very unlikely to catch it

ratings generally follow my own listening experience (except early mornings), usually outside reception with portable Sony receiver, so this is in fact possible without an expensive semi-professional receiver.

grey letters mean no news/positive info for 3 years+

Freq.	Station	C	D	E	F	times	remarks	reception in Europe
3289	RTV Madagasikara		u	10?	X	0200/0230-0500, 1500-1900v (fri/sat occasionally -2100 or longer)	not heard since about mid-2010	-
3396.5	ZBC Radio Zimbabwe		u	100?	X	nighttime alt. to 6045	irregular	-

3390	Radio ICDI, Boali, CAF	R	u	1	*	1500-2100	heard several times since mid-april 2011, morning freq to be confirmed, see 6030/6040, a letter published in DXLD 11-36 (Sep 7) stated that it is not in use any more	-
3980	Radio Hage, Galkayo, Puntland	I	f	1.25		[0300-0500, 0900-1000]	unheard so far, see 6915	
3960	Star Radio	I	u	2,5	X	0500-0900, 1800-2100v	new channel acc. to homepage, ex 4025/3900/3955, but not heard in 2011, neither any of the other channels	-
4740	Radio Peace (South Sudan)	R	i	1	9	[0230-0415 / 1600-1800v]	ex 4750, but currently unable to continue bc on SW, possibly to be reactivated from new site in Juba (see DXLD 11-38, Sep 21)	-
4750	Dunamis Shortwave (Uganda)	R	a	1	*	1500-1900/2000v		o
4760	ELWA, Monrovia	R	i			8	more likely to be active on 6070	
4765	Radio Congo, Brazzaville		i			4	see 6115	
4770 et al.	VoBME-2 (or other service), Asmara		a	?	*	0300v...1800v	irregular, reported usually // to some of the others, ex4700/4710/4760, often undermodulated	o
4770	FRCN Kaduna		i	50	X	[0430-2300v]	no logs since jan. 2010, see 6090	+
4777	RTV Gabonaise, Libreville		i			8	off since july 2008, as well as 7270	
4780	RTV Djibouti		a	50	*	0300...2100/2200	irregular in 2011, contrary to past years	+ strong, but often QRM
4783v	ORTM Bamako		i	100		6		
4800	Radio Lesotho		i	100				
4828	ZBC Voice of Zimbabwe		a	100?	*	nighttime or all day alt. to 5975	irregular, a kind of external service at certain times (1600-2000), otherwise music	o
4835.5	ORTM Bamako		i	100			active on 5995/9635 only	
4845	RTM Nouakchott		s	100	?	[v0600-0730/0900v, v1830-0100v]	only one log in 2011 so far, only 7245 otherwise	+
4870	[TWR Malawi]	R	f	1			unheard so far, see WRTH 2010	
4880	SWR Africa to ZWE via Meyerton	I	a	100	*	1700-1900	often jammed, alt. 3230, 6145 et al., // 25m via Euro-Relay	+
4895	Zimbabwe Community Radio, via Meyerton	I	a	100	*	1755-1855	ex/alt. 3955/4865/5865	o
4900	Familia FM / Renaissance FM (Guinea)	R	u	1	*	[1800-0005v]	heard since May 1st 2010, French nx at 2210, no logs in summer 2011 any more	-
4905	RNT N'Djamena		o	250	9	[0425-0730, 1600/1700-2230/Sat 2300]	heard in September 2009, but back to 6165, alt. 7120	++ if active...
4910	ZNBC Lusaka 1		i	100			now 5915	
4910	R. Madagasikara		o		*	0200/0230--1900v (fri/sat occasionally -2100 or longer)	reported alt. 5010 in summer 2011, may be LSB/USB+reduced carrier or AM	
4910v	R. Ethiopia Ext. Service mixing product		x		X	see 7235/9560v	reported in ETH in late 2010 (see DXLD 1102), formula should--be 7235v - (9560v - 7235v)	--
4915	KenyaBC Eastern Service		i	10		6		
4915	GBC Accra		i	35		6		

4949.8	Radio Angola, Canal A		a	15?	*	24h	irregular	o
4965	CVC The Voice Africa	R	a	100	*	1700-0600 (seasonal variations)	daytime 6065, relays 1Africa // 22m/31m from 1700-2200	+
4976	Radio Uganda, Kampala		a	10	*	0215-0600, 1300v-2100/2300v	reactivated in mid-july 2011	+
5005	Radio Nacional Bata		s	50	*	0500v....2300v	(very) irregular	o
5010 / 5010.3	RTV Madagasikara		a		*	0200v-1900v (sat -2100 or all night)	most days on 4910 in summer 2011, but alternatively also heard here, LSB/USB+reduced or AM, sometimes slightly off-nominal	o
5020	La Voix du Sahel, Niamey		i				see 9705	
5025	ORTB Parakou		i	10	9	[0500...2200/2300]	not heard since about may 2009	o
5026	Radio Uganda, Kampala		i	10	7		ex-daytime 7110	
5030	RTV Burkina, Ouagadougou		i	100	9	[0530-0800, 1700-2400]	off air most of 2009, back in november, but inactive again	
5035	Radio Centrafrique, Bangui		s	1	*	...1915v	probably very irregular, HCJB-made TX, see 7220	-
5047	RTV Lome		i					
5050	Radio Tanzania, Dar-Es-Salaam		i	10	6			
5060 et al.	VoBME 1/2 or clandestine		u	10?	*	0400...1630/1730/1800	used for Anti-ETH programmes like Vo Oromo Liberation, Ginbot 7 Dimts or Arbegnoch Voice Radio and VoBME 1 or 2, one-off reports for 5058, 5070 also (DXLD 1102). Likely inactive since spring 2011	-
5066.3	Radio Candip, Bunia (Congo DR)	?	a	~1	*	v0400....1905v	heard regularly in 2011 since extended activity in the evenings	o
5470	Radio Veritas, Monrovia	R	i		7		transmitter defunct, station moving to new site	
5895	Radio Peace (South Sudan)	R	i	4?	5		inactive, see 4740	-
5915	ZNBC Lusaka 1		a	100	*	0245-2205	alt. 4910, back in Dec. 2010	o
5935 et al.	Voice of Tigray Revolution, Mekele (?)	P	o	10?	*	0255v...1900	irregularly reported // 5950, ex/alt. 5940/45/55/60/80	o
5950	Voice of Tigray Revolution, Mekele, via Addis Abeba	P	a	100	*	0255v...1900	most regular frequency of VoTR, see also 5935, 6170	+ often quite strong 1600+ but heavy QRM in winter
5945/5955/5980	VoBME2, Asmara		o	?	*	v0300...1800v	irregular, sometimes jammed, heard again on 5955 in sept/oct 2011, // 7175 et al.	-
5975	ZBC Voice of Zimbabwe		i	100?	9	daytime or 24hrs alt. 4828		--
5985	RTVC Brazzaville		i	50			see 6115	
5990v	Radio Ethiopia, Addis Abeba		i	100	X	[0300-2100]	not heard since early 2010, see 7110, 9705	
5995	ORTM Bamako		a	50	*	0600-0800 1800-2400	daytime 9635, English Sat. 1905 (irregularly), weak modulation	o
6005	CRTV Buea		u	?	X	0700-1700	very weak, only daytime	-- ...would be a big surprise
6015	Sauti Ya Tanzania Zanzibar		a	?	*	0300-0600	currently very irregular due to electricity cuts (or other reasons), evening transmission on 11735 discontinued	-

6025	FRCN Enugu		u	10?	?	0430-2310	reported a few times in spring 2008, reported as definitely inactive in August/September 2009, in 2010 some tentative reports again.	-
6030/6040	Radio ICDI (Boali, CAF)	R	u	1	8	[0500-1100]	2nd transmitter installed evenings on 3390, current status and schedule to be confirmed, statement in DXLD April 14th 2011 mentions 6040 instead of earlier 6030	--
6030	R. Oromia, Addis Abeba		a	100	*	0330-0600, 0900-1100, 1530-1900 m-f / 0330-1900 sat/sun	carrier may be on 10 minutes earlier, see DXLD 1106 for details on this station	o
6045	ZBC Radio Zimbabwe		a	100?	?	daytime or 24hrs alt. 3396	irregular, tent.report in DXLD 11-38 (Sept 21)	-
6050	FRCN Ibadan		i	50				
6055	R. Ruanda, Kigali		a	50?	*	0255-0600, 0900-2100	see 25740, English 0515+1830	+ if Slovakia off
6060	NBC Windhoek		i	100				
6065	CVC The Voice Africa, Lusaka	R	a	100	X	0600-1700 (seasonal variations)		--
6070	ELWA, Monrovia	R	u	1/2	X	0530-0900, 1730-2300	not recent logs, probably inactive/irregular	-
6089.9	FRCN Kaduna		u	50	*	0430-2300	Haussa, not // 4770, irregular, reported inactive in DXLD 11-37	o often audible 1700+
6090	Radio Veritas, Liberia	R	i				see 5470	
6090	Amhara Regional State Radio		a	100?	*	0255-0600, 0900-1100, 1400-1900		o best before 1600
6105	R. Tanzania Dar-Es-Salaam		i		5		alt. 5985, 7280	-
6110	R. Fana, Addis Abeba	P	a	100	*	0255....2100	// 6890 or 7210 ...or not	o
6115	RTVC Brazzaville		a	50?	*	...1700-2000...	s/on and s/off unconfirmed, probably quite variable, but likely to be on air quite regularly at least	--
6135 / 6135.3	RTV Madagasikara		a		*	0500v-1500v	reported mainly around 1500 in the US, usually closing down not much later, AM or LSB/USB+reduced carrier, see 4910/5010	--
6140	RTV Burundi		i					
6165	RNT N'Djamena		a	250	*	0425-0730, 0730ss/1000mf-2230(Sat 2300)	nighttime alt 4905, daytime alt. 7120. f.pl. 9615/11760	o mainly winter evenings
6165 [6162]	ZNBC Lusaka 2		i	100	*	0245-2210	in dec 2010 on 6162, later back to nominal. see 5915	-
6170	Vo Tigray Revolution	P	i		9		see 5935/5950	
6170v	VoBME2, Asmara		i		X		sporadically heard // to 7175 et al. in spring 2010	o
6175	NBC Windhoek		i	100				
6210	R. Kahuzi, Bukavu (Congo DR)	R	u	~0.8	9	0700...2005	may relay VOA in the evenings, no recent logs	- hard to catch because of mixing products from elsewhere
6250	Radio Nacional Malabo (Isla Bioko)		s	20	*	0530v-1830v/2000/ex2300	(very) irregular, rarely later than 1830	-
6297.1	National Radio of Western Sahara, Tindouf (Algeria)	S	s	50?	*	[0700-1300, 1700-2330]	only sporadically heard in 2011, mostly late mornings, alt. 6248.3	+

6890	R. Fana, Addis Abeba	P	o	10?	X	0300-2100	irregular, weaker than // 6110, alt 7210	o
6915	Radio Hage, Galkayo, Puntland	I	u	1.25	?	0300-0500, 0900-1000	announced to be on air in April 2009, tentative reports for an announced test in august 2010, nothing heard on 3980	
6950	Radio Bay/Bay Codka, Baidoa (SOM)		i			7		
6960	Radio Shabele, Mogadishu	I	i			6		
6980	Radio Galkayo, Puntland (SOM)	S	i			5		
7105	Radio Madagasikara		i	20	X	0455-1500v	probably inactive since summer 2010	--
7110	Radio Ethiopia, Addis Abeba		i	100	X		unheard since summer 2010, used to switch elsewhere for jamming, now only heard on 9705	
7110	R. Uganda, Kampala		i	10			ex-nighttime 5026	
7120	RNT N'Djamena		o	250	X		irregular, mostly daytime-only, sporadically also in the evening	+ if active into the evening
7130v [7165v, 7185v]	VoBME 2 (or other service), Asmara		a		*	0300...1800v	currently 7130 is heard, up to three transmitters of mostly low power and low modulation used in this frequency range // to 7175v, or with different service, earlier this year. Sometimes jammed and switching around between approx. 7090 and 7195.	-
7125	ORTG Conakry		a	50	*	v0600...2300v	has been very irregular for many years, but returned to more constant activity in 2011.	+ if active
7135	Radio Terra Verde (MOZ-Renamo)	P	i			5		
7145	Radio Hargeysa (Somaliland)		i	25	9	[1500-1900]	irregular, definitely active in december 09, but unconfirmed in 2010, channel sometimes used by ERI also	o
7175v [7235]	VoBME 2, Asmara		a	100	*	0300...1730/1800/1900/2000	sometimes noisejammed by ETH, may switch to nearby channels incl. 7235, may carry anti-ETH programmes in Tigrigna and Somali, around 1600/1700/1800, other times mostly arabic. Additional transmitters may be on 40, 49, 60 and 31m.	+ -
7175v	Clandestine broadcasts used as Jamming from Ethiopia against Eritrea		j		X	v1600-1730v	sporadically clandestine pxs like Dimtse Ertran as heard via ext. service transmitters; only noisejamming in 2011	+ -
7195	R. Uganda		a	10	X	0600-1300v	nighttime 4976, irregularly into the afternoons/evenings in summer 2010	-- during scheduled hours but ++ if active into the evening
7200	R. Omdurman		a	100	*	v0230-0430v, v1500/1730-2100/2230v	alt. 9505	+
7205v	VoBME 1, Asmara		a	100	*	0355-0700, 0930-1100, 1400-2000	mostly local languages, ex/alt. 7210/7220, sporadically // 5060	o
7210	R. Fana, Addis Abeba	P	a	100/10	*	0300....2100	alternative or // to 6110/6890	-
7210	ORTB Cotonou		i	30				
7216.8	RN Angola Ext. / Radio N'gola Yetu / Canal A		a	15?	*	24 hrs?	alt. 7245, // 4950 at times, irregular ?, English/French 2000-2200	-- weak modulation
7220	Radio Centrafrique, Bangui		u	?	X	to be confirmed, mostly daytime	latest reports in summer 2010, see 5035	- try 0530/0600 in Europe

7230	RTV Burkina, Ouagadougou		i	100	9	[0800-1700]	nighttime 5030	-
7235v +/-1kHz	Radio Ethiopia, External Service, Addis Abeba		a	100	*	0700-0800v, 1200-1500, 1600-1800 + cland. relays	including 1600 English, 1700 French; additional broadcasts: 0400-0430 (m+w+f) Voice of Peace and Democracy of Eritrea, 1500-1600 Voice of the Democratic Alliance, 1800-1830 Voice of Peace and Democracy of Eritrea (m+w+f), Voice of Eritrea (t+t+sat), ex 7165, // 9560v, mixing product on 4910v	+ if frequency clear...
7235	VoBME 2, Asmara		o	100	*	variable	sometimes switching from 7175 if noisejammed by ETH there, sometimes noisejammed also here. Additional transmitters may be on 40, 49, 60 and 31m.	++
7245	RN Angola		f	25	6		new TX to be installed	
7245	RTM Nouakchott		a	100	*	0550v-0100v , used to be 0730/0900v-1815v whenn 4845 active	irregular, ex-nighttime 4845, reactivated in early june 2011	++ if active during nighttime, otherwise fair around 0800 and 1800 if active then
7255	Voice of Nigeria, Lagos		a	250	*	1900-2300 (alt. 9690)	English/French/Fulfulde/Hausa to Waf, see 9690/11770/15120	- ...much QRM
7265	RTV Togo, Lome		i	100				
7270	RTV Gabonaise, Libreville		i		8		presumed to be off since around mid-july, as well as 4777, tentative nighttime logs in april 2009, see DXLD April 14th	
7275 [7350]	FRCN Abuja		a	100	*	0540-1200	reactivated in august/sept 2010, National channel in English to 0800, then Hausa, switched to 7350, but occasonally heard back here. (7350 in hausa may be Hamada Radio via Germany 0530-0600!)	-
7280	R. Tanzania Dar-Es-Salaam		i				alt 5050/6105/5985	
7284.6/ 7285.9	ORTM Bamako		i	100?	9	[v0800-1800v]	// 9635, but irregular	
7999.4	VOBME Asmara		i		8		also used for "Voice of Sudan" until 2006, presumed via ERI	
8000.1	Cladestine/Jamming (Ethiopia)		j		8		Was also on 5100, 7100, 7175	
9345	Voice of the People, to ZWE via MDG	I	a	50		1600-1630, 1800-1900	B11, seasonal and aprupt changes of frequency may occur	
9505	CVC 1Africa, Lusaka	R	a	100	*	2000-2200	A11, to Nigeria, // 4965	+
9554	RTV Gabonaise		i		8		harmonic to 4777, depending on txer used	
9560v +/-2kHz	Radio Ethiopia, External Service, Addis Abeba		a	100	*	0700-0800+, 1200-1500, 1600-1800 + cland. relays	see 4910/7235	o
9580	Africa No. 1, Libreville/Moyabi	I	a	250	*	0500-2300	all other Moyabi Txers inactive	+
9615	RNT N'Djamena		f				Announced at possibly alternative, but unreported	
9635	ORTM Bamako		a	50?	*	v0800-1800v	ex 11960, nighttime 5995, mostly Bambara, but news in French 1700-1710, often clear signal then but undermodulated.	+ mornings / late afternoons
9688.6	Radio Madagasikara		i		7	0500-1500		--
9690	Voice of Nigeria, Lagos		a	250	*	0800-1500, 1630-1730, [1900-2300]	Hausa/English/Yoruba/Igbo to West Africa, see also 7255, 11770, 15120	+
9700	Radio Ethiopia, Addis Abeba		o		*	...1700	// 9705, alternating with noise, if ERI active	+

9705	Radio Ethiopia, Addis Abeba		a	100	*	0300-2100	theoretically //5990 7110 , English 1200-1300	++ if Niger off
9705 [9704]	La Voix du Sahel, Niamey		a	40/100	*	0500...2300, Sun 0600...2200; irregular daytime break from 0700/0900 to 1630/1700/1900	more regularly again after several years of only sporadic operation, switches to 9704 now and then	+ best time in Europe seems to be 0600/0800 and late evenings
9720 [9700/10/15/30]	VoBME Asmara 2		a	?	*	0300...1800	quite regularly // 9820v, 7175v et al., but channel may change without any pattern, currently often 9720. May be jammed by ETH.	o
9820 [9830]	VoBME Asmara 2		a	?	*	0300...1800	quite regularly // 9720v, 7175v et al. May be jammed by ETH.	o
9930 [9960]	Bar-Kulan Radio (to Somalia via Meyerton)		a	250	X	1600-1700	A11	o
11610	Voice of the People, to ZWE via MDG	I	a	50	*	0400-0500	B11, seasonal and abrupt changes of frequency may occur	
11615	R. Dabanga, to Darfur via MDG	I	a			1730-1800	B11	
11690	Radio Okapi via Meyerton	U	a	250	*	0400-0500	UN-backed PX to Congo DR, B11 also 11795 at 1600-1700 via Al-Dhabbaya	o
11735	Sauti ya Tanzania Zanzibar		i	?	9	[1500-2100]	only on 6015 in the mornings, but even that irregularly. Had English at 1800, Dar-Es-Salaam relay at 1700, other times local	
11760	RNT N'Djamena		f				announced as a possible alternative, but unreported	
11770	Voice of Nigeria, Lagos		a	250	*	1600-1630	Kiswaheli, see 7255, 9690, 15120 [also DRM tests in oct. 2011 from new station near Abuja]	o
11770	SRS Sudan Radio Service (via Meyerton)	I	a	250	*	1600-1700	A11, //17700 to Darfur, more trms, also to the rest of Sudan via various other sites, times and freqs, see Africa on SW on BDXC for details!	+
11955	RN Angola, Canal A		f	25				
11960	ORTM Bamako		i		8	0800-1800	now only on 9635, nighttime 5995	
13590 [17695]	CVC 1 Africa, Lusaka	R	a	100	*	0600-2000/2200	A11/B11 to Nigeria, ex13600/13650, evenings 9505//4965 in A11	++ evenings
13750	R. Dabanga (to Darfur via MDG)	I	a			0430-0500	B11	
13800	R. Dabanga (to Darfur via MDG)	I	a			1530-1630	B11	
14540	RTV Gabonaise		i		8		harmonic to 7270, depending on txer used	
15120	Voice of Nigeria, Lagos		a	250	*	0445-0800, 1500-1600, 1730-1900	English/French/Arabic to Europe and Naf, see 7255, 9690, 11770 - sounds like still old transmitter in Ikorodo used	++
15190	R. Africa (US religious lunatics like Tony Alamo via Bata)	R	s	50	*	v0700...2300v	(very) irregular, trms coordinated by Pan American BC in USA	o
15475	Africa No. 1, Libreville/Moyabi	I	i	250	9	[1600-1900]	heard once in August 09, instead of 9580 until 1900	
17630	Africa No. 1, Libreville/Moyabi	I	i	250	8	[0700-1600]		
17700	SRS Sudan Radio Service (via Ascension Island)	I	a	100	*	1600-1700	A11, //11770 to Darfur, more trms, also to the rest of Sudan via various other sites, times and freqs, see Africa on SW on BDXC for details!	+

17800	Voice of Nigeria, Lagos		i		4		
19160	Africa No. 1, Libreville/Moyabi	I	x		X		harmonic of 9580, depends on txer used there
25740	R. Ruanda, Kigali		a	0.8	*	24hrs	local DRM, heard in Germany by Nils Schiffhauer in October 2011!

Part 2: Short Waves by Country and by Broadcaster

Key to column "used"

m mornings
 e evenings
 d daylight times
 n overnight, evening till morning
 g general frequency, usually local mornings till evenings, in some cases with breaks within
 24 24 hours

Country	Info	Broadcaster	Freq.	Prog.	Status	used	Remarks
Angola							
	announced to install two new 25kW transmitters for 4950 and 7245/11955 in 2006 – at least the latter never happened. In october 2011 RNA announced to provide a new 25kW SW transmitter for the provincial service of Moxico (Luena)						
		RNA	4949.8	Canal A	a/irr	24	alt 7245, often bad modulation
			7216.8	R. Ngola Yetu	a	24	may carry also ext. service and Canal A at times
Benin							
		R. Cotonou	7210	Nat.	i		alt 4870, also believed to be inactive on former MW 1476
		R. Parakou	5025	Reg.	i		alt 7190, irregular/inactive
Botswana							
	inactive on shortwave, no transmitter working, ex 3356, 4820, 7255, 9595						
Burkina Faso							
		RTV Burkina	5030	Nat.	i	m+e	not heard in 2010, ex 4815
			7230	Nat.	i	d	not heard in 2010
Burundi							
		RTV Burundi	6140		i	g	
Cameroon							
	For several years all stations in Cameroon seemed to be inactive on SW, 2008 R. Buéa was heard again by nigerian listeners. Other Cameroon freqs. heard until 2000/2001: 4850 Yaounde, 5009 Garoua. It was reported some years ago that the government planned to invest in a new transmitter in Yaoundé, but not into regional SW. The SW transmitter in Garoua has definitely a severe fault and will not be repaired. Probably the Buéa transmitter is very old and used with much lower power than previous nominal (8kW/4kW).						
		R. Cameroon, Buea	6005	Reg.	a	d	nighttime alternative could be 3970.
Central African Republic							
		R. Centrafricaine	5035	Nat.	irr	e	new 1kW transmitter
			6100	Nat.	i		
			7220	Nat.	u	d	
		R. ICDI	6030/6040	Rlg.	u	m	
			3390	Rlg.	a	e	
Chad							
		RNT	4905	Nat.	irr.	m+e	f.pl. 9615/11760 but unheard

		6165	Nat.	a	var.	
		7120	Nat.	irr.	d / g	mostly daytime, sometimes into the evening
Congo (Brazzaville)						
Radio Congo used to operate two TXer repaired by chinese technician only a few years ago, but seems to operate only one at low power and only irregularly.						
	Radio Congo	4765	Nat.	i		
		5985	Nat.	i		
		6115	Nat.	a	e	times irregular
		9610	Nat.	i		
Congo (Kinshasa)						
RTVNC not heard for years, last activities on 15245 (Kinshasa) and 7205/7435 (Lubumbashi), new 10kw-txers for Goma and Bukavu delivered in 2003, but unheard, it's also uncertain what happened to the three 10kw-txers of Radio Okapi in Kinshasa (ex 6030, 9550, 11690)						
	R. Candip, Bunia	5066	Reg.	a	m+e	
	R. Kahuzi, Bukavu	6210	Relig. + r. VOA	u	g	
	R. Okapi	11690	Nat./UN	a	04-05	via Meyerton, also 11795 at 1600-1700 via Al-Dhabbaya
Cote d'Ivoire						
RTI inactive on former 4910, 6015, 7215, 11920						
Djibouti						
	RTV Djibouti	4780	Nat.	irr.	g	
Equatorial Guinea						
All frequencies have been inactive for long periods in the past decade and were probably all replaced by new ones over the years. However, technical problems remained and all transmitters are believed to operate irregularly. R. Africa still broadcasts Tony Alamo, convicted of child abuse by US court.						
	R. Bata	5005	Nat.	irr	g	
	R. Malabo	6250	Reg.	irr.	d/g	supposed to operate new 20kW tx, rarely active in the evenings
	R. Africa	15190	Relig. US relay	irr	g	also ID as R. Africa 2 & R. East Africa, alt. 7190
Eritrea						
<p>- Many Eritrean opposition or clandestine programmes aired via Jülich, Samara etc., schedules are quite variable (see Africa on SW on BDXC for details!). Some of these transmissions may be relayed via ETH external service txer or additional jamming transmitters (see 7175/7235/9560 or general ETH entry)</p> <p>- Due to jamming operations by Ethiopia (resumed end of January 2011), ERI txers may change frequencies, especially in the afternoons. Eritrea operates seven SW transmitters at least (likely eight or nine): 2x100kW + several lower powered. Likely five or six low-power transmitters are co-located, as they are often switched off one-by-one within a minute or so around 1800 (exact times of this procedure varies day-by-day).</p> <p>- 7175 and some other freqs. may carry "Radio Xomimo" in Somali to Ogaden at variable times within VoBME2-programming (jammed), 5060 may carry several different clandestine transmissions which may be broadcast in // on some other frequencies but likely not on main VoBME2-txers. Tentative schedules of Ginbot 7 Dimts: http://www.ginbot7.org/,</p>						
	VoBME	7175/ 7235 et al.	2 (arabic, amharic et al)	a	g	may be in // with up to six weaker transmitters (April/May 2010: 4700v, 6170v, 7090v; 7185, June: 9715; Aug/Sept/Oct 2010: 5945, 5955, 7125v, 9710, Nov/Dec/Jan 2011: 4760/4770, 5955/5980, 7120, 7160, 7165, 7185, 9700/9710, Sept/Oct 2011: 4770, 5955, 7130, 9720, 9820).
		7205 et al.	1 (tigre, tigrigna et al)	a	g	may be on 7210, 7220 or other nearby channel alternatively, ex-7100, 7999.4, sometimes // 5060
		5060 et al.	various/ clandestines/ unconfirmed	u	m+e	Arbegnoch Voice Radio / Vo Oromo Liberation / Ginbot 7 Dimts at certain times, VoBME 1+2 or unidentified other broadcast at other times, a variable number of // transmissions on any of the other freqs

Ethiopia						
<p>- Many Ethiopia opposition or clandestine programmes aired via Jülich, Samara etc., schedules are quite variable (see Africa on SW on BDXC for details!), - several of them are also relayed via Eritrean transmitters, see ERI entry above. - Ethiopia sometimes jams these and many other transmissions such as Eritrea, VOA and Deutsche Welle. Likely to use up to 10x100kW (some of them irregular) + up to six noise jammers, the old 10kW units (2x Mekele, 2x Addis) may be also in use, maybe also as jammers. - R. Etiopia external service relays several Anti-ERI-clandestines (see 7235 for details), also additional transmitter may carry these broadcasts, considerably a jamming operation against ERI.</p>						
	Radio Ethiopia	5990v	Nat.	i	g	mostly // to MW services on 594, 684, 828, 855, 873, 891 and 972 (possibly also 918+1044)
		7110	Nat.	i	g	may be on other nearby channels to jam ERI
		7235v	Ext.	a	*	0700-0800 Somali 1200-1500 East African languages, 1600-1800 English/French, + anti-ERI clandestine px from 0400/1500/1800
		9560v	Ext.	a	*	see above
		9705	Nat.	a	g	probably new transmitter, replacing 9704.2, may be additionally on 9700 if ERI also active there
		11802v	Ext.	i		
	Radio Fana	6110	Nat.	a	g	// MW 1080, ex 5970, 6210 and 6940
		6890/7210	Nat.	a/irr.	g	currently on 7210
	Vo Tigray Rev.	5950	Reg.	a	g	
		5935	Reg.	irr.	g	ex 5940/45/55/60/70/80, 5500, 6170, 6185, 6350, 9650...
		7155	Reg.	i	g	officially assigned, but probably not used or standby.
	Radio Oromia	6030	Reg.	a	g	// MW 1035
	AmharaRegional State Radio	6090	Reg.	a	g	only 49mB heard, but 7264/ 9740 were also announced in the early test trms.
Gabon						
<p>Both ANU and RTG have been arid aired via the Moyabi site, majority owner is now the Libyan Government, station may also be used for jamming against Libyan Opposition broadcasts, but currently unreported. RTG off since July 2008, 19/16mB since november 2008, leaving only one transmitter on air. It was reported that the staff tries to repair a 2nd transmitter, but this probably didn't succeed so far. When occasionally 15475 was heard it was alternating to regular 9580, not parallel.</p>						
	RTG	4777	Nat.	i	m+e	may produce harmonic on 9554
		7270	Nat.	i	d	may produce harmonic on 14540 + spurs
	Africa No. 1	9580	Comm.	a	g	may produce harmonic on 19160
		15475	Comm.	i	e	
		17630	Comm.	i	d	
Ghana						
<p>inactive on SW since end of 2006, but considered to buy new transmitters, 2nd channel seems to be completely replaced by network of regional channels</p>						
	GBC	3366	2	i	m+e	
		4915	1	i	g	
		6130	2	i	d	
Guinea						

	- During the past few years, the transmitter for 7125 was active quite irregularly due to technical problems.					
	- Familia FM transmitter is a HCJB 1kW.					
	- Regional service Radio Rurale reported on MW 1386.					
	RTG	7125	Nat.	a	g	
	Familia FM	4900	Community	u	e	
Kenya	Inactive on SW 4885/4915/4935/6150/7140, some mediumwaves are still active: 567, 639, 747, 927, 1305. SW 4915 was the last one heard in 2006					
Lesotho	Station announced in 2006 that a new transmitter might be bought, but not heard yet.					
	R. Lesotho	4800	Nat.	i	g	
Liberia	ELWA	6070	Relig.	u	m+e	ex 4760
	Star Radio	3960	Non-governmental	u	m+e	ex 3900/ 3955/4025
	Radio Veritas	5470	Relig.	i		moving site, SW tx broke down before, no hint when/if they will return
		6090	Relig.	i		
Madagascar	- Madagascar is home of a Radio Netherlands relay station that carries out a number of relay to Africa, such as Voice of the People to ZWE and R. Dabanga to Sudan.					
	- Opposition station R. Mada is beamed via Pridnestrowje relay station to Madagascar.					
	R. Madagasikara	3288v	Nat.	u	m+e	irregularly all night
		4910/5010v	Nat.	a	g	irregularly all night
		6135	Nat.	a	d	
		7105	Nat.	i	d	alt. 7155
		9689	Nat.	i	d	
Malawi	MBC inactive on 3380 or 3385, 5995, 7130, 9625, WRTH 2007 lists TWR from Malawi on 4870. But it seems this didn't become reality.					
Mali	ORTM	4783v	Nat.	i	m+e	
		4835v	Nat.	i	m+e	
		5995	Nat.	a	m+e	
		7285v	Nat.	i	d	
		9635	Nat.	a	d	
		11960	Nat.	i	d	
Mauretania	ORTM	4845	Nat.	i	m+e	
		7245	Nat.	a	d / g	all day again in June 2011
Mozambique						

							- R. Mocambique is inactive on SW, last known activities: 3210, 3275, 6111. - R. Terra Verde is the Renamo Opposition station and was reported on 7135 in spring 2005, but only for a few days and not since then.
Namibia							
	NBC	6060/6175	two diff. SW sces	i			alt 3270/3290, 7165/7215, but transmitters need spares
Niger							
	La Voix du Sahel	3260		i			
		5020		i			
		7155		i			
		9705/9704	Nat.	a	var.		active in august 09, april/may 2010, again since nov. 2010 and probably a few days inbetween...
Nigeria							
	- Voice of Nigerias three new 250kW transmitters for AM/DRM near Abuja have been installed, At the moment it seems that the Ikorodo transmitter is still carrying regular VON services. The Abuja station was testing in Oct. 2011 on 11770 in DRM mode! - Papers also reported that RTV Borno (Maiduguri) will activate a new SW tx. - Specialists hear quite a number of MW from all over the country (e.g. Kaduda 594, Gotel Radio 917). - FRCN Kaduna will install a new 200kW MW unit, unknown if also new shortwaves planned.						
	VON	7255	Ext.	a			to West Africa 1900-2300: 1900 E, 2000 F, 2100 Fulfulde?, 2200 Hausa, alt. 9690
		9690	Ext	a			to West Africa 0800-1500, 1630-1730: 0800 Hausa, 0900(?) E, 1630 Yoruba?, 1700 Igbo?
		11770	Ext	a			1600 Swahili
		15120	Ext	a			to Europe/North Africa: 0445-0800, 1500-1600, 1730-1900: 0500 E, 0700 F, 1500 E, 1730 Ar, 1800 E
		17800	Ext	i			
	FRCN Lagos	3326/7285	Nat.	i			
	FRCN Kaduna	4770	Reg. English Sce	i	g		not heard in 2010 so far
		6090	Reg. Haussa Sce	irr.	g		(// MW 594?)
	FRCN Abuja	7275/7350	Nat. English Sce	a	m		old transmitter site near Abuja, reactivated in 2010.
	FRCN Ibadan	6050	Reg.	i			
	FRCN Enugu	6025	Reg.	u/irr.	g		irregularly in 2008/09, possibly also in 2010
Rwanda							
	R. Rwanda	6055	Nat.	a	g		via DW Kigali, also DRM on 25740 MHz
Senegal							
	inactive on SW for years, ex 7170						
Sierra Leone							
	- no activities on SW noted for years, former frequencies: SLBC 3316 (tentative report in late 2006), 5980, Radio Unamsil 6137, - news from Sierra Leone on Cotton Tree News v0730-0800 via VT-relay have been suspended						
Somalia							
	If hearing a Somali language service in the 6700-7000 range, it might be also Coalition Maritime Forces bc against piracy or local two-way communication, as SW replaces telephone in the rural areas. New service to Somalia: Radio Bar-Kulan via Meyerton 9930						
	Radio Hage	3980/6915	Independent/Educ.	u/x	m		Sam Voron involved announced to be starting on SW April 2009, probably testing on sept 12, 2010

	Radio Bay (Baidoa)	6950	Gov.	i	g	heard in early 2007
	Radio Shabele	6960	Reg.	i	g	
	Radio Galcayo	6980	Reg.	i	g	
	Radio Hargeisa	7145	Reg./Gov.	i/irr	e	new 25kW, ex-7530, 7120, not heard in 2010/11
South Sudan						
	After indepenence, there seems to be no SW bc from the country. The 50kw-txer intended to carry the "Voice of New Sudan" on 9495 (tests on 9310 in 2003) is inoperational but probably still existing (see DXLD 11-38). R Peace announced in 2009 to be moving site to Juba, but is currently inactive. Southern Sudan Interactive Radio Instruction (SSIRI), Sudan Radio Service (SRS) and Radio Miraya broadcast humanitarian programming via various SW relay sites to (South) Sudan.					
	Radio Peace	4740	Religious	i	m+e	
		5895	Religious	i	m+e	
Sudan						
	Sudan Radio Service (SRS) and Radio Dabanga broadcast humanitarian programming via various SW relay sites to Darfur.					
	Radio Omdurman	7200	Nat.	a	m+e	irr. also heard on 1296 MW
		9505	Nat.	i		
Tanzania						
	- Reports in May 2008 say that lutheran Sauti ya Injili has obtained a 10kW SW transmitter to be installed in Tanzania for 31/41m, - some private MW stations can be sporadically heard by DXers (1044, 1377).					
	RT Daressalam	5050	Nat.	i	g	only MW: 603, 621, 648, 657, 711, 720 and 1215
		6105	Nat.	i	d	alt. 5985, 7280
	Sauti ya Tanzania Zanzibar	6015	Reg.	a/irr.	m	
		11735	Reg.	i	e	was Swahili only except 1800-1810 English
Togo						
	has been inactive for several years on SW, former frequencies: 3222, 5047, 7265					
Uganda						
	R. Uganda	4976	Red	a/irr.	m+e	// MW 909
		5026	Blue	i	m+e	
		7110	Blue	i	d	
		7195	Red	a/irr.	d	irregularly all day
	Dunamis SW	4750	Religious	a	e	
Western Sahara						
	Broadcasts to Western Sahara (reported as Radio RASD or National Radio of Western Sahara, in favour of independence) are heard irregularly on 6248/6297 (ex 6208v, 6380, 6458, 6485, 7425, 7460), possibly via Tindouf, Algeria, mainly Arabic, occasionally Spanish, usually // 700 or 15550					
Zambia						
	Both ZNBC and CVC use 2x100kW on SW.					
	ZNBC	4910	African Sce.	i/irr.	m+e	alt 4500, but now all day on 5915, tentatively used irr. again in early 2011
		5915	African Sce.	a	g	alt 4500, 4910, 6265

		6165	English Sce.	a	g	alt 4500, 6162, 4910
	CVC The Voice Africa	4965/6065	Relig. English	a	24	to Southern Africa
	CVC 1 Africa	9505/13590/17695	Relig. English	a	06-22	to Nigeria, ex/alt 13600/13650 et al.
Zimbabwe						
	<ul style="list-style-type: none"> - ZBC is known to change frequencies and broadcasting times without announcement, alternatives include 3306, 5012, 6020, 7285, - Voice of Zimbabwe broadcasts mainly music with only few hours of external service broadcasts a day. - SW Radio Africa and VOP may change frequencies to avoid Jamming from ZWE 					
	ZBC	3396v	R. Zimbabwe	irr	n or 24	
		4828	Voice of Zimbabwe	a/irr.	n or 24	
		5975	Voice of Zimbabwe	irr.	d or 24	
		6045	R. Zimbabwe	irr.	d or 24	
	Voice of the People	9345/ 11610	Indep./Exile	a	m/d/e	via Madagascar, ex/alt. 7430/9445/9870/9895 et al.
	SW Radio Africa	4880	Indep./Exile	a	17-19	via Meyerton, ex 3230, 6145...
	Zimbabwe Community Radio	4895	Indep./Exile	a	18-19	via Meyerton, ex 3955/5865