

# *Africalist – Subsaharan Africa on Shortwave*

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*edited by Thorsten Hallmann, africalist{a}versanet.de*

*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](http://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 I'm much more interested into the others which are more difficult to monitor: Many of them do not publish schedules, many even do not have a webpage, or it's outdated.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give the actual (activity) status of the stations and frequencies, on the other hand it is an archive of somewhat „outdated“ information also, like at least a small selection of frequencies used in the past.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 Hirondelle
- 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
  - x used irregularly for tests or alternatively to other frequencies
  - j likely used for jamming purposes or to escape jamming only
  - s only sporadic reports, probably very irregular operation
  - i most likely inactive
  - f future plans
- column E power in kW if stated somewhere
- column F logged in 200x, X stands for 2010
- 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.

Freq.	Station	C	D	E	F	times	remarks	reception in Europe
3289	RTV Madagasikara		a	10?	9	0200-0500, 1500-1900v (sat -2100 or all night)		-
3396.5	ZBC Radio Zimbabwe		a	100?	X	nighttime alt. 6045		-
3980	Radio Hage, Galkayo, Puntland	I	u	1.25		0300-0500, 0900-1000	announced to be on air in April 2009, poss. //6915 - not heard during DXpedition in Central Africa (see DXLD Sept. 6)	
4740	Radio Peace (S. Sudan)	R	a	1	9	0230-0415 / 1600-1800v	first 30 mins of each block english, ex 4750	-

4750	Dunamis Shortwave (Uganda)	R	a	1	9	1500-1900v		-
4760	ELWA, Monrovia	R	i	1/2/5	8		active on 6070	
4765	Radio Congo, Brazzaville		i		4		see 6115	
4770	FRCN Kaduna		a	50	9	0430-2300v	irregular	+
4777	RTV Gabonaise, Libreville		i		8	0500-0800, 1600-1900	off since july 2008, as well as 7270	
4780	RTV Djibouti		a	50	X	0300/0500...2100v		+ strong, but often QRM
4783v	ORTM Bamako		i	100	6			
4800	Radio Lesotho		i	100				
4828	ZBC Voice of Zimbabwe		a	100?	X	nighttime alt. 5975	a kind of external service at certain times	o
4835.5	ORTM Bamako		i	100			active on 5995/7285/9635	
4845	RTM Nouakchott		a	100	X	v0630-0730/0830v, v1800-0100v	was quite irregular in 2009, but back on a daily basis in november, also on daytime 7245,	+
4870	[TWR Malawi]	R	f	1			see DXLD August 4 2009	
4880	SWR Africa to ZWE via Meyerton	I	a	250	X	1700-1900	often jammed, alt. 3230, 6145 et al., // 25m via Euro-Relay	+
4895	Zimbabwe Community Radio, via Meyerton	I	a	250	X	1755-1855	ex/alt. 3955/4865/5865	o
4905	RNT N'Djamena		x	250	9	0425-0730, 1600/1700-2230/Sat 2300	heard again in September, but then back to 6165, alt. 7120	++ if active...
4910	ZNBC Lusaka 1		i	100	6	0245-0555, 1630-2210	alt. 5915	
4915	KenyaBC Eastern Service		i	10	6		Langata SW site no longer in operation, Chris Greenway reports	
4915	GBC Accra		i	35	6	0530...0000		
4949.7	Radio Angola, Canal A		a	15?	X	24h	back in May 2009, probably irregular	o
4965	CVC The Voice Africa, Lusaka	R	a	100	X	1600-0600 (seasonal variations)	daytime 6065	o
4976	Radio Uganda, Kampala		a	10	X	0215-0600, 1300-2100/2300v	daytime 7195, other tx at 5026 seems to be inactive	+
5005	Radio Nacional Bata		a	50	X	0500v...2300	irregular, but currently active	o
5009.9/ 5010.0	RTV Madagasikara		a		X	0200-1900v (sat -2100 or all night)	two transmitters alternatively: lower freq. AM, higher freq. LSB or USB+reduced carrier, heard once on 5110	+ mainly weekend nights
5020	La Voix du Sahel, Niamey		i				see 9705	
5025	ORTB Parakou		i	10	9	0500...2200/2300	irregular, not heard since about may 2009	o
5026	Radio Uganda, Kampala		i	10	7	0300-0545, 1300-2100v	daytime 7110	
5030	RTV Burkina, Ouagadougou		u	100	?	0530-0800, 1700-2400	irregular, was off air most time in 2009, but back in november, not as strong as it used to be, only tentative rpt for jan. 2010, daytime 7230	o. depending on activity of CNR, usually clear 1730-1955
5035	Radio Centrafrique, Bangui		i		6		a few logs in early 2006, active on 7220	--
5047	RTV Lome		i					
5050	Radio Tanzania, Dar-Es-Salaam		i	10	6	0200...2100		

5060	Radio Bana (Eritrea)		a	10?	X	0400...1628	ex 5100, noise jamming usually heard until 1600, possibly also used for Anti-ETH programmes since about sept. 09 (reported as Vo Oromo Liberation in DXLD, Jan. 20)	-
5066	Radio Candip, Bunia (Congo DR)	?	a	~1	9	v0400-0900, 1300-1630v		--
5100	Bana Radio (Eritrea)		i		8		see 5060	-
5470	Radio Veritas, Monrovia	R	i		7		transmitter defunct, station moving to new site	
5895	Radio Peace (Central/Southern Sudan)	R	u	4?	5	0300-0400 / 1600-1700	unconfirmed, scheduled first 30mins of each block in english	-
5915	ZNBC Lusaka 1		a	100	9	0245-2205	alt. 4910	-
5940	CVC 1Africa, Lusaka	R	i	100	9	[1900-2200]	A09 frequency, now 9430/9505/13590/13650	+
5950	Voice of Tigray Revolution, Mekele, via Addis Abeba	P	a	100	X	0255v...1900	most regular frequency of VoTR, see 5980, 6170	+ often quite strong 1600+ but heavy QRM in winter
5975	ZBC Voice of Zimbabwe		a	100?	9	daytime or 24hrs alt. 4828		--
5980	Voice of Tigray Revolution, Mekele (?)	P	a	10?	9	0255-0530	// 5950, alt. 6170	-
5985	RTVC Brazzaville		i	50	6		see 6115	
5990v	Radio Ethiopia, Addis Abeba		a	100	9	0300-2100	// 7110, 9704.2, English 1200-1300	o if frequency clear
5995	ORTM Bamako		a	50	X	0600-0800 1800-2400	daytime 9635/7285v, English Sat. 1905 (irregularly)	o after 2100
6005	CRTV Buea		a	4?	9	0700-1700	very weak, only daytime	--
6015	Sauti Ya Tanzania Zanzibar		u	50	X	0300-0600	evenings on 11735, only one report in 2010, none on 11735	-
6025	FRCN Enugu		i		8	0430-2310	reported a few times in spring 2008, but only tentative reports since then, see DXLD April 14 <sup>th</sup> 2009, reported as definitely inactive in August/September	-
6030	Radio ICDI / Tuma Yere (Boali, CAF)	R	u	1	8	0500-0800, 1600-1900 MF	so on "Africa on SW", but probably "to be confirmed" - not heard during DXpedition in Central Africa (see DXLD Sept. 6)	--
6030	R. Oromia, Addis Abeba		a	100	X	0320-0600, 0900-1100, 1555-1800/1900		o freq. usually clear until 1630
6045	ZBC Radio Zimbabwe		a	100?	X	daytime or 24hrs alt. 3396		-
6050	FRCN Ibadan		i	50				
6055	R. Ruanda, Kigali		a	50?	X	0255-0600, 0900-2100	see 25740, English 0515+1830	+ if Slovakia off
6060	NBC Windhoek		i	100		(24 hrs)		
6065	CVC The Voice Africa, Lusaka	R	a	100	9	0600-1600		--
6070	ELWA, Monrovia	R	a	1/2	X	0530-0900, 1730-2300		-
6089.8	FRCN Kaduna		a	50	X	0430-2300	Hausa, not // 4770, irregular	o often audible 1700+
6090	Radio Veritas, Liberia	R	i				see 5470	
6090	Amhara Regional State Radio		a	100?	X	0255-0600, 0900-1100, 1400-1700/1900		o best before 1600
6105	R. Tanzania Dar-Es-Salaam		i		5		alt. 5985, 7280	-
6110	R. Fana, Addis Abeba	P	a	100	9	0255....2100	// 6890 or 7210 or not	o
6115	RTVC Brazzaville		a	50?	X	...1800-2000...	probably irregular, schedule to be confirmed...	- maybe better in winter

6134.9	RTV Madagasikara		a		X ...1400-1500/1530...	reported mainly around 1500 in the US	--
6140	RTV Burundi		i				
6165	RNT N'Djamena		a	250	X 0730ss/1000mf-1600/1700 alt. 7120, or all day	currently irregularly all day, see 4905 for nighttime schedule, f.pl. 9615/11760	o mainly winter evenings
6165	ZNBC Lusaka 2		a	100	9 0245-2210		-
6170	Vo Tigray Revolution, Mekele (?)	P	x	10?	9 0255-1900	sporadically reported // or alt. 5950 / 5980	o
6175	NBC Windhoek		i	100	(24 hrs)		
6210	R. Kahuzi, Bukavu (Congo DR)	R	a	~0.8	9 0700...2005	may relay VOA in the evenings	- hard to catch because of mixing products from elsewhere
6250	Radio Nacional Malabo (Isla Bioko)		a	20	X 0530v-1730v/2300	irregular, but noted back in november 2009, often signing off late afternoon	- QRM by Korea (North) on 6250.4
6297.1/6300	National Radio of Western Sahara, Tindouf (Algeria)	S	a	50?	X 0600/0700-0900, 1700-2300/0000	alt/ex 6208v, 6380, 6458, 6485, 7425, 7460	+
6890	R. Fana, Addis Abeba	P	a	10?	X 0300-2100	ex 7210, weaker than // 6110, back in September 09	o
6915	Radio Hage, Galkayo, Puntland	I	u	1.25	0300-0500, 0900-1000	announced to be on air in April 2009, poss. // 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		
7100	VoBME, Asmara		i	100	8	Nominal frequency of 1st channel, currently not heard	o
7105	Radio Madagasikara		a	20	X 0455-1500v	Ex-Rohrdorf-TX, read the first definite log in years in late September 2009, by Ron Howard in California	-
7110	Radio Ethiopia, Addis Abeba		a	100	X 0300-2100, often breaks 1700-1730/1900	//5990, 9704, English 1200-1300	++
7110	R. Uganda, Kampala		i	10	0600-1300	nighttime 5026	
7120	RNT N'Djamena		x	250	9	alt. to 4905/6165, heard again in Sept. 09 in early evening, but not on a regular basis.	+ if active
7125	ORTG Conakry		a	50	X 0600/0800....0000 or longer	irregular, but heard quite well recently	+ both mornings and late afternoon till midnight
7135	Radio Terra Verde (MOZ-Renamo)	P	i		5		
7145	Radio Hargeysa (Somaliland)		u	25	9 1500-1900	irregular, not heard in december 09	o
7165v	Radio Ethiopia, External Service, Addis Abeba		a	100	X 0700-0800v, 1200-1500, 1600-1800 + cland. relays	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), Dimtse Ertran/Voice of Eritrea (t+t+sat)	+
7175/7165j	VoBME 2, Asmara		a	100	X 0355-0700, 0930-1100, 1400-1900/2000	possibly 2nd channel while first on 7210, may change to 7165+ or other nearby channels to escape jamming, may carry anti-ETH programmes in Tigrigna and Somali (spelled Radio	

						Xornimo – thanx to Patrick Robic) around 1600/1700/1800, other times mostly arabic	
7175/7165	Clandestine / Jamming (Ethiopia)		j		9 v1600-1730v	sporadically clandestine pxs like Dimtse Ertran as heard via ext. service transmitters, or noise jamming, may follow ERI tx to 7165	+
7195	R. Uganda		a	10	? 0600-1300	nighttime 4976, tentative logs for sign-on briefly after 0600 this year, but also a station heard in the afternoons with english, french and vernaculars, irregular, sign-off times, could be Uganda but also something else (French!?)	--
7200	R. Omdurman		a	100	X v0230-0430v v1500-2230v	alt. 9505	+
7205	R. Lubumbashi, Congo DR		i			alt. 7435	
7210	R. Fana, Addis Abeba	P	x		9 0300....2100	mostly on 6110/6890	-
7210	VoBME 1, Asmara		a	10/100	X 0355-0700, 0930-1100, 1400-2000	mostly local languages, may use neighboring channel when jammed	-
7210	ORTB Cotonou		i	30			
7216.8	RN Angola Ext. / Radio N'gola Yetu		a	15?	9 24 hrs?	alt. 7245	-
7220	Radio Centrafrique, Bangui		a		9 0600-1630v	seems to be at very low power and/or reduced hours	-- some reports from Portugal
7230	RTV Burkina, Ouagadougou		u	100	9 0800-1700	nighttime 5030 , not heard early jan. 2010	-
7245	RN Angola		f	25	6	new TX to be installed	
7245	RTM Nouakchott		a	100	X 0730/0845/1150v-1700v	back in Nov. 09, also on nighttime 4845	o 0800- if active then
7255	Voice of Nigeria, Lagos		a	250	X 2100-2300	French/Hausa to Waf, see 9690/11770/15120	+
7265	RTV Togo, Lome		i	100			
7270	RTV Gabonaise, Libreville		i		8 0800-1600	presumed to be off since around mid-july, as well as 4777, tentative nighttime logs in april 2009, see DXLD April 14th	
7275	FRCN Abuja		i		8	probably to be reactivated in 2010	-
7280	R. Tanzania Dar-Es-Salaam		i			alt 5050/6105/5985	
7284.6/7285.9	ORTM Bamako		u	100?	9 v0800-1800v	see 9635, not heard early ja. 2010	o winter mornings or evening, if frequency clear
7430	Voice of the People, to ZWE via MDG	I	i	50	9 1700-1800	cancelled in July 09, morning transmissions still exist	
7999.4	VOBME Asmara		i		8	also used for "Voice of Sudan" until 2006, presumed via ERI	
8000.1	Cladestine/Jamming (Ethiopia)		j		8 currently unheard	Was also on 5100, 7100 et al., but now only on 7175	
9430	CVC 1Africa, Lusaka	R	a	100	X 0400-0700	to Nigeria, other times on 9505/13590/13650	+
9505	CVC 1Africa, Lusaka	R	a	100	X 2000-2200	to Nigeria, other times on 9430/13590/13650	+
9554	RTV Gabonaise		i		8	harmonic to 4777, depending on txer used	
9560v	Radio Ethiopia, External Service, Addis Abeba		a	100	X 0700-0800+, 1200-1500, 1600-1800 + cland. relays	see 7165, freq. varying approx. 9554-9562	o
9561v	[tent. Eritrea]		x	10?	9 ...1600...	probably VoBME / Clandestine anti ETH., poss. via ex 7999.4 transmitter, may be jammed, see DXLD Sept. 6.	-

9580	Africa No. 1, Libreville/Moyabi	I	a	250	X	0500-2300	back after a few weeks break, January 9 2009	+
9615	RNT N'Djamena		f				Announced at possibly alternative, but unreported	
9635	ORTM Bamako		a	50?	X	v0800-1800v	ex 11960, nighttime 5995, // 7285v, mostly Bambara, but news in French 1700-1710, often clear signal then.	+ mornings / late afternoons
9635	Radio Okapi via Meyerton	U	u	250	X	1600-1700	UN-backed PX to Congo DR, alt. 11690/11890, currently unheard, cancelled?	+ QRM by co-channel Mali and Vatican
9688.6	Radio Madagasikara		u		7	0500-1500	likely to be on the air at least irregularly, though currently unreported	--
9690	Voice of Nigeria, Lagos		a	250	X	0800-1500, 1530-1630	West African Service, alt. 7255, see also 11770 15120	+
9704.2	Radio Ethiopia, Addis Abeba		a	100	X	0300-2100	//5990 7110, a bit irregular, English 1200-1300	+ if modulation OK
9705	La Voix du Sahel, Niamey		i	40/100	9	0500-0700, (Sun 0600-) 1100/1700-2300v (Sun 2200)	irregular, off air many months until august 09 but only heard for a few weeks and not since, 100kW txer used at 40kW only	o
11610	Voice of the People, to ZWE via MDG	I	a	250	X	0400-0500	seasonal and aprupt changes of frequency may occur	o
11690	Radio Okapi via Meyerton	U	a	250	X	0400-0500/0600	UN-backed PX to Congo DR, alt. 9635/11890	o
11735	Sauti ya Tanzania Zanzibar		u	50?	9	1500-2100	English at 1800, Dar-Es-Salaam relay at 1700, other times local px, alt. 6015, not heard early jan. 2010	++
11760	RNT N'Djamena		f				announced as possibly alternative, but unreported	
11770	Voice of Nigeria, Lagos		a	250	X	1500-1530	Kiswaheli, alt 7255, 9690, 15120	-
11785	SRS Darfur	I	a	250?	X	1600-1700 exc. Friday	via Meyerton	+
11890	Radio Okapi via Meyerton	U	i	250	9	[1600-1700]	UN-backed PX to Congo DR, back to 9635/11690 in B09	
11955	RN Angola, Canal A		f	25				
11960	ORTM Bamako		i		8	0800-1800	now on 7285/9635, nighttime 5995	
13590	CVC 1Africa, Lusaka	R	a	100	X	0600-1400, 1700-2000	to Nigeria, other times on 9430/9505/13650	+
13650	CVC 1Africa, Lusaka	R	a	100	X	1400-1700	to Nigeria, other times on 9430/9505/13590	+
13800	R. Dabanga to Darfur via MDG	I	a		X	1530-1730	also other relay stations used in //	+
14540	RTV Gabonaise		i		8		harmonic to 7270, depending on txer used	
15120	Voice of Nigeria, Lagos		a	250	X	0445-0800, 1630-2100	English/French to Europe, Arabic alt. 7255 et al.,	++
15190	R. Africa (religious px via Bata)	R	a	50	X	v0700...2300v	reportedly more regularly since august 2008 at variable times, trms coordinated by Pan American BC in USA	o
15475	Africa No. 1, Libreville/Moyabi	I	x	250	9	1600-1900	heard once in August 09, instead of 9580 until 1900	
17630	Africa No. 1, Libreville/Moyabi	I	i	250	?	0700-1600	not heard since nov. 08, except one tentative log in 1/2010	
17800	Voice of Nigeria, Lagos		i		4			
19160	Africa No. 1, Libreville/Moyabi	I	i		7		harmonic of 9580, depends on txer used there	
25740	R. Ruanda, Kigali		u	0.8		24hrs	local DRM via DW Kigali	

## 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
<b>Angola</b>							
	two new 25kW transmitters to be installed for 4950, 7245, 11955 (see DXLD 2006, July 21 <sup>st</sup> )						
		RNA	4950	Canal A	a		alt 7245, bad modulation
			7217	R. Ngola Yetu	a		
<b>Benin</b>							
		R. Cotonou	7210	Nat.	i	g	alt 4870, also believed to be inactive on former MW 1476
		R. Parakou	5025	Reg.	i	g	alt 7190, irregular/inactive
<b>Botswana</b>							
	inactive on shortwave, no transmitter working, ex 3356, 4820, 7255, 9595						
<b>Burkina Faso</b>							
		RTV Burkina	5030	Nat.	irr.	m+e	not heard in jan. 2010, ex 4815
			7230	Nat.	irr.	d	not heard in jan. 2010
<b>Burundi</b>							
		RTV Burundi	6140		i	g	
<b>Cameroon</b>							
		R. Cameroon, Buea	6005	Reg.	a	d	Long time believed to be inactive on SW. Latest other Cameroon freqs. heard in 2000/2001: 4850 Yaounde, 5009 Garoua, nighttime alternative could be 3970.
<b>Central African Republic</b>							
		R. Centrafricaine	5035	Nat.	i		
			6100	Nat.	i		
			7220	Nat.	a	d	
		R. ICDI/ Tuma Yere	6030	Rlg.	u	g	(ex-?) f.pl. // 7160
<b>Chad</b>							
		RNT	4905	Nat.	irr.	m+e	alt. 7120 daytime, sometimes even nighttime, f.pl. 9615/11760 but unheard
			6165	Nat.	a, irr.	d or g	

<b>Congo (Brazzaville)</b>						
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 now						
	Radio Congo	4765	Nat.	i		
		5985	Nat.	i		
		6115	Nat.	a, irr.	e	
		9610	Nat.	i		
<b>Congo (Kinshasa)</b>						
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						
	R. Candip, Bunia	5066	Reg.	a	m+d	
	R. Kahuzi, Bukavu	6210	Relig. + r. VOA	a	g	
	R. Okapi	6030/9550	Nat./UN	i	24	own transmitters unheard for a while
		9635/11690/ 11890	Nat./UN	a	04-06, 16-17	via meyer-ton, currently unconfirmed except 0400-0500 on 11690
<b>Cote d'Ivoire</b>						
RTI inactive on 4910, 6015, 7215, 11920						
<b>Djibouti</b>						
	RTV Djibouti	4780	Nat.	a	g	
<b>Equatorial Guinea</b>						
	R. Bata	5005	Nat.	a, irr	g	
	R. Malabo	6250	Reg.	a, irr.	d/g	supposed to operate new 20kW tx
	R. Africa	15190	Relig. US relay	a, irr	g	also ID as R. Africa 2 & R. East Africa, alt. 7190
<b>Eritrea</b>						
many Eritrean opposition or clandestine programmes aired via Jülich, Samara etc., schedules are quite variable. Due to jamming operations by Ethiopia, ERI txers may change frequencies, especially in the afternoons. Likely VoBME operates three txers and Bana Radio operates an additional, so it's four altogether, but not all seem to be used regularly. Channel 1 operates in Tigrigna and others, Channel 2 in Arabic, Amharic and others.						
	VoBME	7100	ex-1	i	g	
		7175	mostly 2 (arabic, amharic et al)	a	g	often jammed, may change to 7165 and/or use another channel in //, may also carry clandestine anti ETH at 1600
		7210	mostly 1 (tigre, tigrigna et al)	a	g	may be on 7220 or other nearby channel in // or alternatively
		9561v	poss. 2 + clandestine	x	16-18	irregularly, maybe jammed, maybe ex 7999.4 tx
	Bana Radio	5100 (5060?)	educational	u	g	mornings + afternoons, English at 0500, sometimes jammed, possibly 5060 with the same transmitter but actual programming is unconfirmed.
<b>Ethiopia</b>						
many Ethiopia opposition or clandestine programmes aired via Jülich, Samara etc., schedules are quite variable, ETH uses jamming against these and many other transmissions such as Eritrea, VOA and Deutsche Welle. Likely to use up to 10x100kW + noise jammers + occasionally the old 10kW units (2x Mekele, 2x Addis)						

	Radio Ethiopia	5990v	Nat.	a	g	mostly // to MW services on 594, 684, 828, 855, 873, 891 and 972 (possibly also 918+1044)
		7110	Nat.	a	g	sporadically also on 7100/7115/7175
		7165	Ext.	a	*	0700-0800 Somali 1200-1500 East African languages, 1600-1800 English/French, may carry anti-ERI clandestine px 0400/1500/1800
		9560v	Ext.	a	*	see above
		9704.2	Nat.	a	g	
		11802v	Ext.	i		
	Radio Fana	6110	Nat.	a	g	// MW 1080, ex 7210, 5970, 6210 and 6940
		6890	Nat.	a	g	most recent // to 6110
	Vo Tigray Rev.	5950	Reg.	a	g	ex 5500, 5940, 5960, 5970, 6185, 6350, 9650
		5980	Reg.	x	m/g	
		6170	Reg.	x	g	
		7155	Reg.	i	g	officially assigned, but probably not used or standby.
	Radio Oromia	6030	Reg.	a	g	// MW 1035
	Amhara Regional State Radio	6090	Reg.	a	g	only 49mB heard, but 7264/ 9740 also announced
<b>Gabon</b>						
	Possibly both ANU and RTG are 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.					
	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.	x	e	currently unheard, only heard once in summer 09
		17630	Comm.	i	d	
<b>Ghana</b>						
	inactive on SW since end of 2006, but considered to buy new transmitters, 2 <sup>nd</sup> channel seems to be completely replaced by network of regional channels					
	GBC	3366	2	i	m+e	
		4915	1	i	g	
		6130	2	i	d	
<b>Guinea</b>						
		7125	Nat.	a, irr	g	different PX from Guinea reported on MW 1386.
<b>Kenya</b>						
	Inactive on SW 4885/4915/4935/6150/7140, also channels are to be closed, last reported to be active: 567, 639, 747, 927, 1305 and SW 4915, the latter in 2006					
<b>Lesotho</b>						
	Station announced in 2006 that a new transmitter might be bought, but not heard yet.					

	R. Lesotho	4800	Nat.	i	g	
<b>Liberia</b>						
	Daily News from Star Radio via Ascension (11875) have been cancelled					
	ELWA	6070	Relig.	a	m+e	not heard on old 4760 recently
	Radio Veritas	5470	Relig. + r. VOA	i		moving site, SW tx broke down before, so uncertain when/if they will return
		6090	Relig. + r. VOA	i		
<b>Madagascar</b>						
	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					
	R. Madagasikara	3288v	Nat.	a	m+e	irregularly all night
		5010	Nat.	a	g	irregularly all night
		6135	Nat.	a	d	
		7105	Nat.	a	d	alt. 7155
		9689	Nat.	u/x	d	
<b>Malawi</b>						
	MBC inactive on 3380 or 3385, 5995, 7130, 9625, WRTH lists TWR on 4870					
<b>Mali</b>						
	ORTM	4783v	Nat.	i	m+e	
		4835v	Nat.	i	m+e	
		5995	Nat.	a	m+e	
		7285v	Nat.	irr.	d	not heard in jan. 2010
		9635	Nat.	a	d	
		11960	Nat.	i	d	
<b>Mauretania</b>						
	ORTM	4845	Nat.	a/irr.	m+e	
		7245	Nat.	a/irr.	d	
<b>Mosambique</b>						
	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					
<b>Namibia</b>						
	NBC	6060/6175	two diff. SW sces	i		alt 3270/3290, 7165/7215, but transmitters need spares
<b>Niger</b>						
	La Voix du Sahel	3260		i		
		5020		i		
		7155		i		

		9705	Nat.	irr.	m+e	reactivated in august 09, but no regular service
<b>Nigeria</b>						
	Voice of Nigerias three new 250kW transmitters for AM/DRM near Abuja have been installed, Regular service may begin soon, but at the moment it seems that the Ikorudo transmitter is still carrying regular VON services. 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. Kaduna 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 2100-2300, other times alt. to other freqs: 2100 French, 2200 Hausa
		9690	Ext	a		to West Africa 0800-1500, 1530-1630, alt. 7255/15120: 0800 Hausa, 0900 Fulfulde, 1000 English, 1530 Yoruba, 1600 Igbo
		11770	Ext	a		1500 Swahili
		15120	Ext	a		to Europe/North Africa 0445-0800, 1630-2100: 0500 English, 0700 French, 1630 Arabic, 1700 English
		17800	Ext	i		
	FRCN Lagos	3326/7285	Nat.	i		
	FRCN Kaduna	4770	Reg. English Sce	irr.	g	not heard in jan. 2010
		6090	Reg. Hausa Sce	a/irr.	g	(// MW 594?)
	FRCN Abuja	7275	Nat. English Sce	i	g	old transmitter site near Abuja, to be repaired in 2010.
	FRCN Ibadan	6050	Reg.	i		
	FRCN Enugu	6025	Reg.	i/s	g	very irregularly in 2008/09
<b>Rwanda</b>						
	R. Rwanda	6055	Nat.	a	g	via DW Kigali, also DRM on 25740 MHz
<b>Senegal</b>						
	inactive on SW for years, ex 7170					
<b>Sierra Leone</b>						
	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 (frequency and stations may vary)					
<b>Somalia</b>						
	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					
	Radio Hage	3980/6915	Independent/Educ.	u	m	Sam Voron involved announced to be starting on SW April 2009
	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.	irr	e	new 25kW, ex-7530, 7120, not heard in jan. 2010
<b>Sudan</b>						
	No current information about what happened to the new 50kw-txer in Southern Sudan intended to carry the "Voice of New Sudan". A low power religious station was planned in Ezo, Southern Sudan on 6 MHz some years ago (but not heard at all)					

	Sudan Radio Service (SRS), Radio Dabanga and Radio Miraya broadcast humanitarian programming via various SW relay Sites to Sudan.					
	Radio Omdurman	7200	Nat.	a	m+e	Can also be heard on 1296 MW, daytime to be confirmed
		9505	Nat.	i		
	Radio Peace	4740	Religious	a	m+e	Religious Station in Southern Sudan
		5895	Religious	u	m+e	
<b>Tanzania</b>						
	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	m	
		11735	Reg.	irr.	e	Swahili except 1800-1810 English, not heard in jan. 2010
<b>Togo</b>						
	has been inactive for several years on SW, former frequencies: 3222, 5047, 7265					
<b>Uganda</b>						
	R. Uganda	4976	Red	a	m+e	// MW 909
		5026	Blue	i	m+e	
		7110	Blue	i	d	
		7195	Red	a	d	
	Dunamis SW	4750	Religious	a	e	
<b>Western Sahara</b>						
	Broadcasts to Western Sahara (reported as Radio RASD or National Radio of Western Sahara, in favour of independence) are heard on 6300v, 0600-0800/1700-2400, possibly via Tindouf, Algeria, Spanish at 1700 or 2300, // 1550 MW					
<b>Zambia</b>						
	Both ZNBC and CVC use 2x100kW on SW					
	ZNBC	4910	African Sce.	i	m+e	alt 4500, but now all day on 5915
		5915	African Sce.	a	g	alt 4500, 4910, 6265
		6165	English Sce.	a	g	alt 4500
	CVC The Voice Africa	4965/6065	Relig. English	a	24	to Southern Africa
	CVC 1 Africa	9430/9505/ 13590/13650	Relig. English	a	04-22	to Nigeria
<b>Zimbabwe</b>						
	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	a	n or 24	
		4828	Voice of Zimbabwe	a	n or 24	
		5975	Voice of Zimbabwe	a	d or 24	
		6045	R. Zimbabwe	a	d or 24	
	Voice of the People	7430/ 9895/11610	Indep./Exile	a	o4-o5	via Madagascar
	SW Radio Africa	4880	Indep./Exile	a	17-19	via Meyerton, alt. 3230, 6145...
	Zimbabwe Community Radio	5865	Indep./Exile	a	18-19	via Meyerton