

**British DX Club**

# **Africa on Shortwave**



**Guide to radio stations in Africa  
broadcasting on shortwave**

**April 2022**

# Africa on Shortwave

Compiled and edited by Tony Rogers.

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## Algeria

### Radio Algérienne

Radio Algérienne's shortwave broadcasts are mainly in Arabic with a relay of the "Radio Coran" service, with additional news bulletins in French. These are intended primarily for listeners in North Africa and the Sahel.

**Transmitter site:** Shortwave services from Radio Algérienne are relayed from TDF Issoudun in France

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kH5</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0400-0500	Daily	Arabic/French	6060	500	162	37S,38W,46E,47
0500-0600	Daily	Arabic/French	7295	500	194	37S,46
			9535	500	160	46E,47N,47SW
0600-0700	Daily	Arabic/French	9620	500	194	37S,46
1800-1900	Daily	Arabic/French	13815	500	162	37S,38W,46E,47
1900-2000	Daily	Arabic/French	11985	500	162	37S,38W,46E,47
			12060	500	194	37S,46
2000-2100	Daily	Arabic/French	9510	500	194	37S,46
			9660	500	162	37S,38W,46E,47
2100-2200	Daily	Arabic/French	5930	500	194	37S,46
			9585	500	160	46E,47N,47SW
2200-2300	Daily	Arabic/French	5930	500	194	37S,46

### New shortwave transmitters in Algeria

Two new shortwave transmitters for Radio Algérienne have been installed at Ourgla and Bechar in Algeria. Shortwave frequency registrations have been made with the HFCC for several years now but they are still not yet on air. The registrations made for A22 are:

<i>kHz</i>	<i>Location</i>	<i>kW</i>	<i>Az.</i>	<i>UTC</i>	<i>CIRAF</i>
7205	Bechar	300	131	0400- 0500	38SW,46E,47N
7430	Ourgla	300	210	0100-0700	46N,46SW
9750	Bechar	300	131	0100-0600	38SW,46E,47N
13600	Ourgla	300	210	2100-0100	46N,46SW
15250	Bechar	300	131	2000-0100	38SW,46E,47N
15340	Ourgla	300	210	0700-1100	46N,46SW
15680	Bechar	300	131	0600- 0800	38SW,46E,47N
15700	Ourgla	300	210	1100-1400	46N,46SW
17550	Ourgla	300	210	1400-2100	46N,46SW
17600	Bechar	300	131	0800-1300	38SW,46E,47N
17600	Bechar	300	131	1800-2000	38SW,46E,47N
21500	Bechar	300	131	1300-1800	38SW,46E,47N

## Angola

### Rádio Nacional de Angola

RNA is the official state-operated radio station with headquarters in Luanda. RNA operates five radio stations in the capital (Canal A, Rádio N'Gola Yetu, Rádio Luanda, Rádio Estéreo FM, Rádio 5), eighteen regional stations (one per province) and an international radio station (International Service)

## RNA Canal A

Canal A is the national service of RNA, broadcasting exclusively in Portuguese throughout Angola on a network of FM transmitters, as well as on mediumwave (1134v kHz, but subject to confirmation) and shortwave (4950v kHz). It airs two comprehensive news bulletins at 1300 and 2000 local time (1200 and 1900 UTC) that are also relayed by provincial stations. As well as news and current affairs, Canal A also focuses on culture, education and entertainment.

**Transmitter site:** Luanda-Mulenvos.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Az.</b>
24 hours	Daily	Portuguese	4949.7v	25	ND

### Target broadcast to Angola

## Voice of America - Angola Saúde em Foco

The programme Angola Saúde em Foco is broadcast on Fridays at 1630-1730 UTC. Every week, Angolans from Cabinda to Cunene talk with the whole country and with a special guest about their concerns and concerns in the social and health field. The programme is hosted by journalist Mayra de Lassalette.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
1630-1700	Fri	Portuguese	12080	Pinheira, São Tomé	100	138	46W,47S,52,53W
			17655	Woofferton, UK	250	165	46W,47S,52,53W
1700-1730	Fri	Portuguese	12080	Selebi-Phikwe, Botswana	100	350	46W,47S,52,53W
			17655	SMG, Vatican	250	165	46W,47S,52,53W

## Ascension Island

## BBC Atlantic Relay Station

The BBC World Service opened its overseas shortwave relay station on Ascension Island in 1966. All scheduled transmissions are currently directed to Africa.

**Transmitter site:** English Bay - 6 x 250 kW - operating at 125 or 250 kW.

<b>Time/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>	<b>Area</b>
0500-0530	Daily	Voice of America	Hausa	6180	250	027	46,47W	W Africa
0500-0600	Daily	BBC	English	6195	125	027	46	W Africa
0500-0600	Daily	Radio Ndarason Int.	Kanuri	5960	250	055	46SE	NC Africa
0529-0600	Daily	BBC	Hausa	7410	125	065	46SE	W Africa
0600-0629	Daily	BBC	French	7410	250	027	46	W Africa
0600-0700	Daily	BBC	English	7345	125	027	46	W Africa
				9410	125	065	46	W Africa
0629-0700	Daily	BBC	Hausa	7410	250	065	46SE	W Africa
				9440	250	065	46SE	W Africa
0700-0729	Daily	BBC	French	11930	250	027	46	W Africa
0700-0800	Daily	Encompass registration		9465	250	027	46N,47NW	W Africa
0700-0800	Daily	BBC	English	11810	125	085	47SW,52	W Africa
				15490	125	027	46	W Africa
0700-0800	Daily	Radio Ndarason Int.	Kanuri	12050	250	065	46SE	NC Africa
1100-1600	Sat	BBC	Hausa	17780	250	065	46SE	W Africa
1200-1230	Daily	BBC	French	17640	250	027	46	W Africa
				21630	250	065	47S,52N,52SE	C Africa
1400-1430	Mon-Fri	BBC	Hausa	17780	250	065	46SE	W Africa
				21630	250	055	46SE	W Africa
1600-1700	Daily	BBC	English	17640	125	115	52SE,52SW,57N	S Africa
				17830	125	085	47SW,52	C Africa
				21630	125	114	52SE,52SW,57N	S Africa
1600-1900	Sat	BBC	Hausa	15685	250	055	46SE	W Africa
				17700	250	055	46SE	W Africa
1700-1800	Daily	BBC	English	17780	125	027	46	W Africa
				17830	125	065	47SW,52	C Africa
1730-1800	Mon-Fri	TWR	Arabic	17745	250	070	47E,48W	NE Africa
1800-1830	Daily	BBC	French	15490	250	027	46	W Africa
1800-1900	Daily	Radio Ndarason Int.	Kanuri	12050	250	055	46SE	NC Africa
1800-1900	Daily	BBC	English	11810	125	065	47SW,52	C Africa
				15400	125	027	46	W Africa
1800-2100	Daily	Encompass registration		11720	250	027	46N,47NW	W Africa
1830-1900	Mon-Fri	Voice of America	Kirundi	17530	250	184	52,53	E Africa
1900-1930	Sun	Follow the Bible Ministries	English	7305	250	115	52SE,53SW,57N	S Africa
				11610	250	065	46SE	W Africa
1900-2000	Daily	BBC	English	12095	125	027	46	W Africa
1930-2000	Sat-Thu	BBC	Hausa	9410	125	055	46SE	W Africa
				11660	125	065	46SE	W Africa

1930-2030	Fri	BBC	Hausa	9410	125	055	46SE	W Africa
				11660	125	065	46SE	W Africa
2000-2100	Daily	BBC	English	11810	125	065	47SW,52	C Africa
				12095	125	027	46	W Africa
2100-2200	Mon-Fri	BBC	English	11810	125	065	47SW,52	C Africa
				12095	125	027	46	W Africa
2130-2200	Mon-Fri	Voice of America	Bambara	15120	250	027	46	W Africa

## Benin

### Office de Radiodiffusion et Télévision du Bénin

ORTB is the state broadcaster of Benin. Radio Benin in Cotonou was last reported on shortwave in 2006, whilst Radio Parakou, an ORTB regional station, was last heard on shortwave in 2009.

## Botswana

### Radio Botswana

Radio Botswana is the public broadcasting service of Botswana. It operates two services: RB1 on mediumwave and FM, and the commercial RB2 on FM only. Shortwave transmissions were discontinued several years ago.

### International relays on shortwave

#### USAGM Botswana Transmitting Station

The USAGM Botswana Transmitting Station at Selebi-Phikwe was opened in 1991.

**Transmitter site:** Selebi-Phikwe - 4 x 100 kW.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>	<i>Areas</i>		
0300-0400	Daily	English	4930	100	020	53,57	Southern Africa		
			5925	100	010	46,47,52,53,57	West/Central Africa		
			6080	100	350	46,47,52,53,57	West/Central Africa		
0330-0430	Daily	Kirundi	7460	100	350	52,53	East Africa		
			0400-0430	Mon-Fri	Studio 7 - Shona	4930	100	020	53,57N
0400-0500	Daily	English	6140	100	010	53,57N	Southern Africa		
			5925	100	350	46,47,52,53,57	West/Central Africa		
0430-0500	Mon-Fri	Studio 7 - Ndebele	4930	100	020	53,57N	Southern Africa		
			6175	100	350	53,57N	Southern Africa		
			0430-0500	Mon-Fri	Kirundi	7460	100	350	52,53
0500-0530	Mon-Fri	Kirundi	7460	100	350	52,53	East Africa		
			11995	100	010	52,53	East Africa		
0500-0600	Daily	English	4930	100	020	53,57	Southern Africa		
			15580	100	350	46,47,52,53,57	West/Central Africa		
			0530-0630	Mon-Fri	French	13830	100	350	46-48,52, 53
0600-0700	Daily	English	15580	100	350	46,47,52,53,57	Africa		
0700-0730	Daily	Hausa	17700	100	350	46,47W	West Africa		
0830-0900	Wed/Sat	French	13830	100	010	46-48,52,53	West/Central Africa		
			17530	100	350	46-48,52,53	West/Central Africa		
1100-1130	Sat	French	15730	100	350	46-48,52,53	West/Central Africa		
1300-1400	Daily	Somali	15730	100	010	48	North-East Africa		
1400-1500	Daily	English	4930	100	020	53,57	Southern Africa		
			5940	100	350	46E,47W,52,53,57	Central/South/East Africa		
			15580	100	350	47,48,52,53,57	Africa		
			1400-1500	Daily	Kurdish	15610	100	010	39N,40
1500-1600	Daily	English	4930	100	020	53,57	Southern Africa		
			5940	100	350	46E,47W,52,53,57	Central/South/East Africa		
			15580	100	350	47,48,52,53,57	Central/South/East Africa		
			17530	100	010	46,47,52,53,57	Central/South/East Africa		
			1600-1630	Daily	English	4930	100	020	53,57
5940	100	350	46E,47W,52,53,57			Central/South/East Africa			
15580	100	350	47,48,52,53,57			Central/South/East Africa			
1600-1700	Daily	Somali	15730	100	010	48	North-East Africa		
1630-1700	Daily	English	4930	100	020	53,57	Southern Africa		
			Mon-Fri	English	11910	100	010	47,48	North-East Africa
			Sat/Sun	English	15580	100	350	47,48,52,53,57	Africa
1630-1700	Daily	Swahili	15260	100	350	48,52-53	Africa		
1700-1730	Sat/Sun	English	15580	100	350	46-48,52-53,57	Africa		

1700-1730	Daily	Studio 7 - Shona	4930	100	020	53,57N	Southern Africa
			6040	100	010	53,57N	Southern Africa
1730-1800	Daily	Studio 7 - Ndebele	4930	100	020	53,57N	Southern Africa
			6040	100	010	53,57N	Southern Africa
1700-1800	Daily	Portuguese	12080	100	350	52,53,57	Southern Africa
1730-1800	Daily	English	15580	100	010	47,48,52,53,57	Africa
1800-1830	Mon-Fri	Portuguese	12080	100	350	46W,47S,52,53W	Africa
1800-1900	Daily	English	4930	100	020	52,53,57N	Southern Africa
			6080	100	010	46,47,52,53,57	Africa
			15580	100	350	38,46-48,52-53,57	Africa
1830-1930	Daily	French	9490	100	350	46-48,52,53	West/Central Africa
1900-2000	Daily	English	4930	100	020	53,57	Southern Africa
			6080	100	010	46,47,52,53,57	Africa
			15580	100	350	38,46-48,52-53,57	Africa
1930-2000	Mon-Fri	Kirundi	11870	100	350	52,53	East Africa
2000-2030	Daily	French	9470	100	350	46-48,52,53	West/Central Africa
2000-2100	Daily	English	4930	100	020	53,57	Southern Africa
			6195	100	010	46E,47-48,52,53	Central Africa
			15580	100	350	47,48,52,53,57	Africa
2030-2100	Sat/Sun	French	12075	100	350	46-48,52,53	West/Central Africa
2100-2130	Mon-Fri	French	9470	100	350	46-48,52,53	West/Central Africa
2100-2200	Daily	English	6195	100	010	46E,47-48,52,53	Africa
			15580	100	350	47,48,52,53,57	Africa
2130-2200	Mon-Fri	Bambara	7360	100	350	46	West Africa

## Burkina Faso

### Radiodiffusion Télévision du Burkina

RTB Radio Burkina is the state-run broadcasting service. It operates on FM only now with both mediumwave and shortwave transmitters inactive. and was last reported on shortwave in 2010.

## Burundi

### Radio-Télévision Nationale du Burundi

RTNB is the state broadcasting service of Burundi. It broadcasts on FM only. RTNB was last reported on SW in 2003.

### Target broadcasts to Burundi and Rwanda

Rwanda-Rundi is used to describe the languages of target broadcasts to Burundi and Rwanda, as VOA and BBC do not seem to distinguish between Kirundi and Kinyarwanda themselves. As Wikipedia explains: Rwanda-Rundi is a group of Bantu languages, specifically a dialect continuum, spoken in Central Africa. Neighboring dialects are mutually intelligible, but more distant ones may not be. Two dialects, Kirundi and Kinyarwanda, have been standardised as official languages of Burundi and Rwanda respectively.

### BBC Gahuza

BBC Gahuza (BBC News) is the Kirundi/Kinyarwanda service to East Africa (the Great Lakes area of Africa).

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0500-0600	Sat	Rwanda-Rundi	15490	Dhabbaya, UAE	250	220	48SW,53NW
			17815	Yerevan, Armenia	300	192	48SW,53NW
0529-0600	Sun	Rwanda-Rundi	15490	Dhabbaya, UAE	250	220	48SW,53NW
			17815	Yerevan, Armenia	300	192	48SW,53NW
1630-1700	Mon-Fri	Rwanda-Rundi	13860	Dhabbaya, UAE	250	225	48SW,53NW
			17745	Talata Volonondry, Madagascar	250	315	48SW,53NW

### Voice of America

VOA programmes to East Africa, more precisely the African Great Lakes region, are in both Kirundi and Kinyarwanda.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0330-0430	Daily	Rwanda-Rundi	6155	Pinheira, São Tomé	100	104	52,53
			7225	Pinheira, São Tomé	100	100	52,53
			7460	Selebi-Phikwe, Botswana	100	350	52,53
0430-0500	Mon-Fri	Rwanda-Rundi	7275	Pinheira, São Tomé	100	104	52,53
			7460	Selebi-Phikwe, Botswana	100	350	52,53
			11995	Umm al-Rimam, Kuwait	250	205	52,53
0500-0530	Mon-Fri	Rwanda-Rundi	7275	Pinheira, São Tomé	100	104	52,53
			7460	Selebi-Phikwe, Botswana	100	350	52,53
			11995	Selebi-Phikwe, Botswana	100	010	52,53



1400-1500	Sat/Sun	Rwanda-Rundi	15460	Pinheira, São Tomé	100	104	52,53
			17530	Pinheira, São Tomé	100	100	52,53
			17580	Pinheira, São Tomé	100	100	52,53
1600-1630	Daily	Rwanda-Rundi	13630	Pinheira, São Tomé	100	100	52,53
			15460	Pinheira, São Tomé	100	100	52,53
			17530	Pinheira, São Tomé	100	114	52,53
1830-1900	Mon-Fri	Rwanda-Rundi	11870	Dhabbaya, UAE	250	225	52,53
			17530	Ascension Island	250	184	52,53
1930-2000	Mon-Fri	Rwanda-Rundi	6040	Pinheira, São Tomé	100	100	52,53
			9470	Pinheira, São Tomé	100	088	52,53
			11870	Selebi-Phikwe, Botswana	100	350	52,53

## Cameroon

### Cameroon Radio Television

CRTV is the state broadcasting service in Cameroon. All national and regional stations now operate on FM only. Shortwave broadcasting from the national station at Yaounde was last heard in early 2000 on 4850 kHz, whilst the regional station at Buea on 6005 kHz was last reported by a listener in the region in 2011.

## Canary Islands

All broadcasting in the Canary Islands is on mediumwave and FM.

## Cape Verde

### Rádiatelevisão de Cabo Verde

RCV is the state broadcaster of Cape Verde. It broadcasts on FM only and was last reported on shortwave in late 1989.

## Central African Republic

### Radio Centrafrique

Radio Centrafrique is the state-operated radio service of the Central African Republic. It currently broadcasts only on FM in Bangui, with neither mediumwave (1440 kHz) or shortwave (5035/7220 kHz) reported since at least 2012.

### Radio Water for Good

Radio Water for Good (previously known as Radio IDCI and Radio Maïngo) is a community radio station belonging to Water for Good (previously known as Integrated Community Development International), a Christian ministry founded by Jim Hocking in 2003. Radio Water for Good broadcasts its programmes in French, Sango, Bayaka and Fulfulde, communicating information for the prevention of AIDS and many other community development topics. Radio Water for Good also relays programmes from Radio Ndeke Luka.

**Transmitter site:** Boali, Ombella-M'Poko.

<b>Time/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>kHz</b>	<b>kW</b>	<b>Az.</b>
0600-1100	Mon-Fri	French, Sango, Bayaka and Fulfulde	6030	1	ND
1300-1500	Daily	French, Sango, Bayaka and Fulfulde	6030	1	ND
1500-1700	Daily	Relay of Radio Ndeke Luka	6030	1	ND

*The current status of Radio Water for Good is not known. Some reports suggest that it is currently off air, but it is unclear of this is due to transmitter breakdown or another reason.*

## Ceuta and Melilla

Ceuta and Melilla are two Spanish autonomous cities in North Africa. There are two mediumwave stations in Melilla and one in Ceuta.

## Chad

### Office National de Radio et Télévision du Tchad

ONRTV (Radio Tchad) is the state-operated broadcasting service of Chad. It currently broadcasts on FM only. The most recent shortwave transmitter was commissioned in 1984 and refurbished in 2004 thanks to financial and technical help from Taiwan. Radio Tchad had not been heard on its usual shortwave frequency of 6165 kHz since October 2013, but was reported to have been briefly reactivated in March 2016 prior to the presidential election. It is now inactive again.

## Target broadcast to the Lake Chad Basin Region

### Radio Ndarason Internationale

The radio started broadcasting in 2015 as a one hour a day service based in Kano, Nigeria called Dandal Kura Radio International (DKRI). In early 2016 the studios were moved to Maiduguri, NE Nigeria and began broadcasting 6 hours a day of mostly Kanuri language content. For administrative reasons, in 2016 the HQ of the operation moved to N'djamena, Chad, but continued broadcasting as before. With the growing importance of N'Djamena as the key production and administration center for the network, a more regionally inclusive name for the radio was phased in - Radio Ndarason Internationale (RNI). RNI's main role is to serve as a tool against extreme violence and it serves as a platform to promote a local discourse among all those affected by the current crisis in the Lake Chad region. Radio is used as a mechanism to convince people that they have a future in the region. The radio, in partnership with the Lake Chad Basin Commission (LCBC) broadcasts content in Kanuri, Kanembu, Buduma and French in order to help stabilize the Lake Chad region by stimulating constructive dialogue between everyone involved in the current crisis. RNI also broadcasts on six FM frequencies in Chad. Okapi Consulting (Johannesburg) is the project implementor ([www.ndarason.com](http://www.ndarason.com); thanks to David Smith of Okapi Consulting for information)

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>Transmitter site</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0500-0600	Daily	Kanuri, Kanembu, Buduma and French	Ascension Island	5960	250	055	46SE
0600-0700	Daily	Kanuri, Kanembu, Buduma and French	Woofferton, UK	12050	250	160	46SE
0700-0800	Daily	Kanuri, Kanembu, Buduma and French	Ascension Island	12050	250	065	46SE
1800-1900	Daily	Kanuri, Kanembu, Buduma and French	Ascension Island	12050	250	055	46SE
1900-2100	Daily	Kanuri, Kanembu, Buduma and French	Woofferton, UK	12050	250	152	46SE

**Note:** schedule as per HFCC registrations; subject to confirmation.



## Comores

### Office de Radio et Télévision des Comores

ORTC is the national broadcasting service of the Comoros. It now broadcasts on FM only. Radio Comores was last reported on shortwave in 1997.

## Democratic Republic of Congo

### Radio-Télévision Nationale Congolaise

RTNC is the state broadcasting service in the DRC with national and provincial services. It broadcasts on FM only. The national broadcasting channel discontinued shortwave operations many years ago and all provincial radio stations have also left shortwave.

### Radio Kahuzi (BESI)

Radio Kahuzi is operated by a Christian group called Believers Express Service, Inc (BESI). The station was established by Richard and Kathy McDonald and has been broadcasting from Bukavu in South Kivua Province since 1991. After initially being on FM, a 1 kW shortwave transmitter was added in February 2001, reaching a larger portion of Central Africa. Programmes are broadcast in English, French, Lingala, Swahili and other local languages. The shortwave transmitter (6210v kHz) has been off-air for since 2020 following a lightning strike and various ongoing problems with power supply in DRC. For further information about the radio station, go to the Radio Kahuzi blogspot at [radiokahuzi.blogspot.com](http://radiokahuzi.blogspot.com).

## Republic of Congo

### Telediffusion du Congo - Radio Congo

Radio Congo is the government-controlled broadcasting service of the Republic of Congo. It had been reported in March 2021 that Radio Congo had left shortwave in favour of digital broadcasting within the country, but in July 2021 it was heard back on shortwave (6115 kHz) with its daytime schedule as before. However, since then it appears to have fallen silent again ...

# Djibouti

## Radiodiffusion Télévision de Djibouti

RTD is the state broadcasting service of Djibouti. Radio Djibouti currently operates on FM only with mediumwave and shortwave transmitters now inactive (i.e. 1161, 1539 and 4780 kHz).

# Egypt

## National Media Authority

The NMA is an Egyptian government entity in charge of supervising all state-owned broadcasting media. It replaced the Egyptian Radio and Television Union (ERTU) in 2019.

## Radio Cairo

Radio Cairo is the external service of Egyptian radio. Having not been heard on shortwave for a while, programmes in Turkish were observed in September 2021 and in November 2021 other services began to resume. The quality of the broadcasts remains an issue with poor modulation.

**Transmitter site:** Abis, near Alexandria in the Nile Delta area. The transmitter has been registered with HFCC for A22 at either 100 or 125 kW.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>	<i>Target area</i>
1500-1600	Daily	Albanian	9410	Abis	125	325	28	Southern Europe
1700-1900	Daily	Turkish	9900	Abis	125	005	29S,39N	Turkey
1800-1900	Daily	Italian	9440	Abis	125	325	28	Southern Europe
1900-2000	Daily	German	9410	Abis	125	325	27,28	Eastern Europe
1900-2000	Daily	Russian	9870	Abis	125	005	29	Europe
2000-2115	Daily	French	9810	Abis	125	325	27,28	Western Europe
2115-2245	Daily	English	9440	Abis	125	325	27,28	Western Europe
2215-2330	Daily	Portuguese	9900	Abis	100	252	13,15	South America
2330-0045	Daily	Arabic	9885	Abis	125	252	13,15	South America
0045-0200	Daily	Spanish	9890	Abis	100	252	13,15	South America



Rihards Millers comments that even with the frequency changes of Radio Cairo (new A22 schedule effective 27 March 2022), all issues with quality of broadcasts remain (but it seems broadcasts in range of 94XX-95XX kHz sound more intelligible than those in 98XX-9900 kHz range).

## Mystery Egyptian music station

## Egyptian music station

A station playing Egyptian music has been heard for a while now. Its purpose is not known.

<i>Time/UTC</i>	<i>Days</i>	<i>Format</i>	<i>kHz</i>
0800-1100	irregular	Egyptian music	9400 9550 or 9600

# Equatorial Guinea

## Radio Nacional de Guinea Ecuatorial

Radio Nacional de Guinea Ecuatorial (RNGE) is the national broadcaster of the West African country of Equatorial Guinea broadcasts in Spanish and local languages. Radio Nacional de Guinea Ecuatorial is based in the capital city, Malabo on the island of Bioko, in the north and insular part of the country. It is an organisation managed by the Equatorial Guinean state, which together with Televisión Guinea Ecuatorial (TVGE) is part of the public media system of that country.

## Radio Bata

Radio Bata is the RNGE station located on mainland Rio Muni. It's 50 kW shortwave transmitter was irregularly heard in recent years but appears not to have been reported at all so far in 2021.

**Transmitter site:** Bata.

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>
irregular	Spanish, Bubi and Fang	5005v	50	ND

## Radio Malabo

Radio Malabo is a RTVGE station located on Bioko Island. A new 20 kW transmitter and antenna was inaugurated for Radio Malabo in November 2007 (replacing an existing 10 kW unit). Since 2011 there had been no positive reports of the station until 26 July 2017. Although heard widely on 6250 kHz for a few days it was seemingly silent again by 30 July 2017 and has not been reported since.



## Eritrea

### Voice of the Broad Masses of Eritrea (Dimtsi Hafash)

Dimtsi Hafash is state run and operates two networks with programmes in several languages. Prior to the defeat of the Mengistu regime in Ethiopia in 1991, it had operated as a clandestine radio station supporting the Eritrean People's Liberation Front and other opposition groups.

**Transmitter site:** Asmara-Selea Daro.

<i>Time/UTC</i>	<i>Days</i>	<i>Service</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>
0250-0700 and 1300-1830	Daily	Programme 1	Tigrinya/Vernaculars	7140	100	ND
0250-1000 and 1430-2000	Daily	Programme 2	Arabic/Vernaculars	7180	100	ND

**Note:** schedule subject to confirmation; may be missing on either or both frequencies on some days; vernacular languages on 7140 kHz include Tigre and Kunama and on 7180 kHz include Afar, Amharic, Oromo, Saho, Bilen, Hedareb, Nara and Somali.

### Target broadcasts to Eritrea

#### Radio Erena - Radio Eritrea International (to Eritrea)

Radio Erena ("Our Eritrea") is a Paris-based Tigrinya-language radio station broadcasting by satellite to Eritrea, which added shortwave broadcasts in November 2012.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az</i>	<i>CIRAF</i>
1700-1730	Daily	Tigrinya	11810	Kostinbord, Bulgaria	50	195	48
1730-1800	Mon/Wed/Fri	Arabic	11810	Kostinbrod, Bulgaria	50	195	48
1730-1800	Tue/Thu/Sat/Sun	Tigrinya	11810	Kostinbrod, Bulgaria	50	195	48

#### MaEzer Semai Radio (to Eritrea)

MaEzer Semai Eritrean Churches TV was founded in 2013 and has a media network that consists of TV and radio to Africa, Northern Europe and the Middle East region. Ivo Ivanov reported the new shortwave broadcasts to the Horn of Africa, registered with HFCC from 15 October 2021

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az</i>	<i>CIRAF</i>
1730-1800	Daily	Tigrinya	11705	Talata Volonondry, Madagascar	250	340	48NW

#### Radio ERISAT

ERISAT-Eritrean Satellite Television is registered as a 501(c) 3 not-for-profit organisation in California, USA. It was founded in October 2018 by "highly motivated Diaspora Eritreans" and is run by "a volunteer Board of Directors and Volunteer Eritrean staff around the world". It says it currently broadcasts in Afar, Arabic, Blin and Tigrinya languages, with English and other Eritrean languages coming soon. Its vision is to become Eritrea's Public Broadcasting Service. Ivo Ivanov reported tests in December 2021 and regular shortwave broadcasts commenced on 1 January 2022.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az</i>	<i>CIRAF</i>
1800-1900	Mon/Wed/Fri/Sat/Sun	Eritrean lang's	11690	Talata Volonondry, Madagascar	250	340	48NW

## Ethiopia

### Ethiopian Broadcasting Corporation

The Ethiopian Broadcasting Corporation (Radio Ethiopia) is the state broadcasting service in Ethiopia. In 2015 the EBC authority was established to regulate all broadcasting in the country (radio and television) and to promote the culture and history of the nations, nationalities and people of Ethiopia. EBC was formed to utilise new technologies to reach further regions to broadcast in different languages and become a primary source of information. Symmetrically its intention is to assist the overall development efforts of Ethiopia.

#### Radio Ethiopia National Service

Since early September 2021, Radio Ethiopia has been heard on shortwave 7110 kHz after an absence of several years. This frequency was one of three, along with 5990 and 9705 kHz, that used to broadcast the National Service across the country. One possible explanation for this reactivation is that it is intended for listeners in Tigray Region, where the government has been fighting the Tigray People's Liberation Front.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>
0400-1000, 1300-1500, 1600-1800	Daily	Amharic	7110	Addis Ababa-Geja	100	ND



### **Fana Broadcasting Corporate S.C.**

Radio Fana (Fana is Amharic for "Torch"), now known as Fana Broadcasting Corporate S.C., was originally operated by the Ethiopian People's Revolutionary Democratic Front (EPRDF, the ruling coalition). It is now said to be a private news media company, focusing mostly on political, social and economic issues within Ethiopia.

<b>Time/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>
0255-2100	Daily	Amharic, Oromo, Somali and Afar	6110	Addis Ababa-Geja	100	ND

### **Radio Oromiya**

Radio Oromiya is the official broadcasting station of the Oromiya Region. Programmes are predominately in Oromo.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>
0255-2000	Daily	Oromo	6030	Addis Ababa-Geja	100	ND

### **Amhara Regional State Radio**

Amhara Regional State Radio is the official broadcasting station of the Amhara Region.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>
0255-2100	Daily	Amharic, others	6090	Addis Ababa-Geja	100	ND

## **International broadcasting to Ethiopia**

### **BBC**

The BBC initially launched website and Facebook content in Amharic, Afaan Oromo and Tigrinya in September 2017, with shortwave radio services inaugurated on 29 January 2018. The radio services provide impartial news, current affairs, features and analysis for Ethiopia and Eritrea, as well as regional and international news.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
1730-1750	Mon-Fri	Amharic	9540	A'Seela, Oman	125	240	48
			11965	Dhabbaya, UAE	250	230	48
			15685	Santa Maria di Galeria, Vatican	250	130	48
1750-1810	Mon-Fri	Oromo	9540	A'Seela, Oman	125	240	48
			11965	Dhabbaya, UAE	250	230	48
			15685	Santa Maria di Galeria, Vatican	250	130	48
1810-1830	Mon-Fri	Tigrinya	9540	A'Seela, Oman	125	240	48
			11965	Dhabbaya, UAE	250	230	48
			15685	Santa Maria di Galeria, Vatican	250	130	48
1830-1850	Mon-Fri	Amharic	9685	A'Seela, Oman	125	240	48
			11965	Santa Maria di Galeria, Vatican	250	130	48
1850-1910	Mon-Fri	Oromo	9685	A'Seela, Oman	125	240	48
			11965	Santa Maria di Galeria, Vatican	250	130	48
1910-1930	Mon-Fri	Tigrinya	9685	A'Seela, Oman	125	240	48
			11965	Santa Maria di Galeria, Vatican	250	130	48

**Note:** the last five minutes of each broadcast features content produced by BBC Learning English.

### **Voice of America**

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
1700-1730	Mon-Fri	Amharic	11610	Woofferton, UK	250	126	48
			15660	Pinheira, São Tomé	100	076	48
1730-1800	Mon-Fri	Oromo	11610	Woofferton, UK	250	126	48
			12070	Pinheira, São Tomé	100	076	48
			15660	Pinheira, São Tomé	100	076	48
1800-1900	Daily	Amharic	11610	Woofferton, UK	250	126	48
			12070	Umm al-Rimam, Kuwait	250	185	48
			15660	Woofferton, UK	250	120	48
1900-1930	Daily	Tigrinya	11610	Woofferton, UK	250	126	48
			12070	Umm al-Rimam, Kuwait	250	185	48
			15660	Pinheira, São Tomé	100	076	48

### **Deutsche Welle**

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
1600-1700	Daily	Amharic	15275	Issoudun, France	500	130	48
			17800	Issoudun, France	500	130	48

### **Vatican Radio**

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
0830-0950	Sun	Amharic	15595	Santa Maria di Galeria, Vatican	250	113	38SE,39NE,39S,40S
			17790	Talata Volonondry, Madagascar	250	345	38SE,47E,48N,48SW
1530-1600	Daily	Amharic	13830	Santa Maria di Galeria, Vatican	250	098	38SE,47E,48N,48SW
			15565	Santa Maria di Galeria, Vatican	250	140	38SE,39NE,39S,40S
1730-1800	Daily	Tigrinya	13830	Santa Maria di Galeria, Vatican	250	113	38SE,47E,48N,48SW
			15565	Santa Maria di Galeria, Vatican	250	139	38SE,39NE,39S,40S

## Opposition and other target broadcasts to Ethiopia

Some of the target broadcasts mentioned below may be subject to white noise jamming by the Ethiopian government.

### DW International (to Ethiopia)

DW International or Dimtsi Weyane (Voice of Woyane, also known as DW and DW TV) is an Ethiopian news-based television and radio network headquartered in Mekelle, Tigray, Ethiopia. Owned by Dimtsi Weyane Tigray P.L.C., it first launched as a radio station in 1980 and in 2018 launched a satellite television channel. The channel broadcasts programming mainly in Tigrinya with some programming in Amharic, Oromo and English. The station was closed by the Federal Government in June 2020 and started these broadcasts on shortwave from outside of Ethiopia in February 2021.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
0400-0500	Daily	Tigrinya	11570	Issoudun, France	250	130	48
1500-1600	Daily	Tigrinya	17870	Issoudun, France	250	130	48

### Oromia National Media-Radiyo Arraata Biyyoolessa Oromiyaa (ONM-ABO)

The Oromia National Media - Arraata Biyyoolessa Oromiyaa (ONM-ABO) describes itself "as a free, impartial and non-profitable media serving genuine reporting on Oromia. Our main objective is to run a media that increase social awareness in east Africa by means of increasing intellectual dialog and society engagement from all walks of life. The service will reach the public through media and social media targeting 50 million people. With the intended outcome of creating mutual understanding, tolerance and respect of human rights that reduce conflict in the region". The broadcast is brokered by IRRS via a transmitter in Romania.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
1500-1530	Mon-Wed/Fri/Sat	Oromo	15400	Galbeni, Romania	300	140	38-41,47,48

### Radiyoonii Dirree Shaggar

From the Oromiya Public Media website at [oromiapublicmedia.com](http://oromiapublicmedia.com): "Raadiyoonii Dirree Shaggar (RDS) is a shortwave radio division of Oromiya Public Media (OPM). Under the umbrella of OPM, RDS is established for the sole purpose of educating, informing, and entertaining the Oromo people in Oromiya and beyond with no access to any media. RDS's parent organization, OPM is a 501-C registered organization under the laws and regulations of the The United States and governed by an independent board. OPM is a multi-dimensional media outlet containing audio, video, and print media. It will soon launch a shortwave radio program. In due course, the satellite television and print media such as regular newspapers and magazines will commence. While its prime purpose is to fulfill the dire media needs of the Oromo public, it will develop a program with aim of introducing the Oromo people, their socio-economic life, and their country Oromiya to the outside world". Broadcasting are brokered by Radio Miami International.



<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
1600-1630	Daily	Oromo	15415	Issoudun, France	500	127	48W

### Radio OMN (Oromo Media Network)

The Oromia Media Network (OMN) is an Ethiopian news channel headquartered in Minneapolis, Minnesota, U.S.. OMN is established as a non-profit independent media outlet 501(c)(3) organisation, licensed under the Federal Communications Commission funded by public donors from the broader Ethiopian diaspora.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
1700-1730	Daily	Tigrinya	15340	Issoudun, France	250	127	48W

**Note:** not currently heard on 15340 kHz at this time, on another frequency or inactive?

### Voice of Oromo Liberation - SBO (to Ethiopia)

Voice of Oromo Liberation broadcasts in support of the Oromo Liberation Front, which seeks secession of Oromo state from Ethiopia. It was originally sponsored by Sudan but since 1992 has bought airtime on commercial transmitters.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>
1700-1730	Wed/Fri/Sun	Oromo	15420	Nauen, Germany	100	144	38E,39S,48
1730-1800	Wed	Amharic	15420	Nauen, Germany	100	144	38E,39S,48

### Radio Axumite

Axumite Media Ltd is an independent media organisation based in Nairobi-Kenya, "with a radio and online presence and aspiring to be on satellite TV soon. Axumite is established by visionary journalists and media professionals who fled Ethiopia due to the ongoing genocidal war in the country, ethnic profiling, a total lack of media freedom, and communication blackout in Tigray, one of the regional states in Ethiopia. All of the journalists working at Axumite Media Ltd have horror personal stories and difficult times to remember; escaped arrest and persecution, and most of them were working in media institutions in Addis Ababa and Tigray". Further details at <https://axumitemedia.com/>

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>
1730-1745	Daily	Tigrinya	15340	unconfirmed, possibly Issoudun? (if so, 250 kW at 127° to 48W?)

Thanks to Wolfgang von Poellnitz in Austria for first bringing this to our attention.

## Eswatini

### TWR Eswatini

TWR Eswatini went on air as TWR Swziland on 1 November 1974 and broadcasts Christian programming to Africa.

**Transmitter site:** Mpangela Ranch - consisting of 3 x 100 kW transmitters.

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>	<b>Az</b>	<b>CIRAF</b>	<b>Target area</b>
1420-1435	Mon-Fri	Lomwe/Portuguese	9585	100	005	53W	Northern Mozambique
1420-1435	Sun	Lomwe	9585	100	005	53W	Northern Mozambique
1420-1450	Sat	Makhuwa	9585	100	005	53W	Northern Mozambique
1455-1525	Mon-Fri	Malagasy	9585	100	064	53SE	Madagascar
1455-1525	Sat/Sun	French	9585	100	064	53SE	Madagascar
1500-1530	Daily	Somali	11880	100	030	48	Somalia
1530-1545	Sat/Sun	Somali	11880	100	030	48	Somalia
1530-1545	Mon-Fri	Arabic Juba	13580	100	005	47E,48W	South Sudan
1600-1615	Sun	Kirundi	13580	100	005	52W	Burundi
1600-1630	Mon-Fri	Kirundi	13580	100	005	52W	Burundi
1630-1645	Tue	Shangaan	3240	50	003	53W	Southern Mozambique
1630-1645	Sat	Portuguese	3240	50	003	53W	Southern Mozambique
1630-1645	Sun-Thu	Amharic/Oromo	9500	100	013	48	Ethiopia
1630-1645	Fri/Sat	Kambaata	9500	100	013	48	Ethiopia
1645-1700	Fri/Sat	Hadiyya	9500	100	013	48	Ethiopia
1700-1730	Daily	Amharic	9500	100	013	48	Ethiopia
1730-1800	Sun	Amharic	9500	100	013	48	Ethiopia
1730-1800	Mon-Sat	Oromo	9500	100	013	48	Ethiopia
1700-1730	Daily	Yao	6100	100	005	53W	Malawi/Northern Mozambique
1745-1800	Sat	Turkana	9380	100	005	48SW,53N	East Africa
1745-1800	Sun	Swahili	9380	100	005	48SW,53N	East Africa
1745-1815	Mon-Fri	Swahili	9380	100	005	48SW,53N	East Africa
1800-1830	Sat/Sun	English	9380	100	005	48SW,53N	East Africa
			9500	100	005	48SW,53N	East Africa
1800-1900	Mon-Fri	Arabic	9800	100	013	48	Sudan
1820-1850	Mon-Fri	Umbundu	7410	100	312	52	Angola
1830-1845	Sun	Swahili	9380	100	005	48SW,53N	East Africa
1830-1900	Sat/Sun	English	9500	100	013	48	East Africa
1850-1905	Daily	Umbundu/Chokwe	7410	100	312	52	Angola
1905-1920	Wed/Thu	Luchazi/Luvale	7410	100	312	52	Angola
1905-1920	Fri/Sat	Fiote/Umbundu	7410	100	312	52	Angola
1905-1920	Sun-Tue	Portuguese	7410	100	312	52	Angola
1905-1935	Daily	Lingala	9940	100	343	47S,52	DR Congo
1920-1935	Sun	Kuanyama	7410	100	312	52	Angola
1920-1950	Mon-Fri	Portuguese	7410	100	312	52	Angola
1920-2005	Sat	Portuguese	7410	100	312	52	Angola
1935-1950	Sat/Sun	French	9940	100	343	47S,52	DR Congo
1935-2005	Mon-Fri	Lingala	9940	100	343	47S,52	DR Congo
1935-2005	Sun	Portuguese	7410	100	312	52	Angola
1950-2005	Mon-Fri	Kimbundu	7410	100	312	52	Angola

## Gabon

### Radio Télévision Gabonaise

RTG is the state broadcasting service in Gabon. It was last heard on shortwave in 2008.

### Moyabi

The Moyabi Transmitting Station was inaugurated in 1979 and over the years hosted Africa No 1, the commercial service for French-speaking Africa operating from studios in Libreville, as well as relays of Radio France Internationale, Swiss Radio International and Radio Japan, and others. At the end of the B07 season, Radio Japan discontinued the last remaining relay by an international broadcaster, whilst Africa No 1 has not been reported on 9580 kHz since May 2013 and the transmitting station is no longer operational.

## The Gambia

### Gambia Radio and Television Service

GRTS is the state broadcasting station in The Gambia. All domestic broadcasting in The Gambia is now on FM only.



## Ghana

### Ghana Broadcasting Corporation

GBC is the public broadcasting service in Ghana. It operates two national and ten regional channels, all on FM. GBC was last reported on shortwave in 2007. All private broadcasting in Ghana is on FM.

## Guinea

### Radio Télévision Guinéenne - Radio Guinée

Radio-Télévision Guinéenne (RTG) is the state broadcasting organistaion of Guinea. Radio Guinée operates on FM in Guinea and also on shortwave to a wider audience. Its shortwave transmission on 9650 kHz (Conakry-Sinfonia - 50 kW) is usually heard widely, but appears not to have been on-air since mid-July 2021. When active on shortwave, there is news in English broadcast on Sundays at 1830-1900.

## Guinea-Bissau

### Radiodifusão Nacional da Guiné-Bissau

RDN is the state broadcasting service in Guinea-Bissau. Rádio Nacional was last reported on shortwave in 1987.

## Ivory Coast

### Radiodiffusion Télévision Ivoirienne

RTI is the state broadcasting service of Ivory Coast. It operates on FM only. It was last reported on shortwave in 1996.

## Kenya

### Kenya Broadcasting Corporation - Radio Taifa

KBC is the state broadcasting service in Kenya. The only remaining service on mediumwave is the Swahiili language Radio Taifa, which operates on five frequencies. The last KBC service on shortwave was discontinued in 2006.

## Lesotho

### Lesotho National Broadcasting Service

LNBS is the state broadcasting service in Lesotho. It operates two services on mediumwave. LNBS was last heard on shortwave in early 2004.

## Liberia

### Liberia Broadcasting System

LBS is the public broadcasting service in Liberia. It now operates on FM only.

### Radio ELWA

Radio ELWA is a Christian radio station in Monrovia. It currently broadcasts on 94.5 FM and 6050v kHz. The ELWA website states "Our current schedule of roughly nineteen (19) hours of English broadcast per day and one and one-half hour of Liberian Language broadcast in Grebo, Kru, Gola, Bassa, Kpelle, Kissi, Dan and Krahn is supported almost entirely by local funds. Roughly seventy-five percent of ELWA Radio's income to date has resulted in charges from public service announcements, requests, donations, and local program producers, and from pastors and churches who sign up for air time to broadcast their programs".

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>
0530-1000	Daily	English/local languages	6050	ELWA compound, Monrovia	1	ND
1700-2300	Daily	English/local languages	6050	ELWA compound, Monrovia	1	ND

## Libya

### Libyan Radio and Television Corporation

The Libyan authority that owns and operates the state media, Libyan Radio and Television Corporation (LRTC) has three main stations that air in Tripoli: Al-Wataniya, Radio Libya FM and the youth oriented Al-Shababiya. All operate on FM.

On shortwave, Radio-Television Libya was first heard in October 2011 with a post-Gaddafi external service in French on 11600 kHz and this was the replacement for Gaddafi's Voice of Africa. In September 2012, French was replaced by an Arabic service but this has not been heard since September 2013.



# Madagascar

## Radio Madagasikara - Radio Nacional Malagasy

Radio Madagasikara - Radio Nacional Malagasy (RNM) is the state-run broadcasting service in Madagascar. It operates on mediumwave, shortwave and FM. All private broadcasting in Madagascar is on FM only. RNM shortwave transmissions appear to be less reliable than they were years ago, but Radio Madagasikara has been heard irregularly on both 5010 and 6135 kHz in recent times, sometimes in parallel.

**Transmitter sites:** MW: Fenoarivo - 50 kW; SW: Ambohidrano - 10 kW (on 5010v kHz) and 30 kW (on 6135 kHz).

Time/UTC	Days	Languages	kHz	Location	kW	Az.	Notes
0300-0500	Daily	Malagasy/French	5010v	Ambohidrano	10	ND	
0500-1500	Daily	Malagasy/French	6135	Ambohidrano	30	ND	
1500-1900(2200sa/su)	Daily	Malagasy/French	5010v	Ambohidrano	10	ND	sometimes on before 1500

## International relays on shortwave

### World Christian Broadcasting - Madagascar World Voice

Madagascar World Voice is a shortwave radio station located in Mahajanga. The station began transmissions in 2016 and is operated by World Christian Broadcasting as a sister station of KNLS in Alaska.

**Transmitter site:** Mahajanga - 2 x 100 kW.

#### **MWV Transmitter 2**

Time/UTC	Language	Daily programme	kHz	kW	Az.	CIRAF	Target
0200-0400	Spanish	La Voz Alegre	6180	100	250	12S,12NE,13,14N,14SE,15W	South America
0400-0500	English	African Pathways Radio	11825	100	295	36SE,37,38W,46,47W	Africa
1800-1900	Russian	Your New Life Station	9885	100	355	19,20,29,30W	Russia
1900-2000	Russian	Your New Life Station	9845	100	355	19,20,29,30W	Russia
2000-2100	Arabic	Radio Feda	13710	100	355	38E,39,40S,40NW,48NW	N Africa/M East
2100-2200	Chinese	The Light of Life	11610	100	325	27S,28SW,37N	East Asia

#### **MWV Transmitter 3**

Time/UTC	Language	Daily programme	kHz	kW	Az.	CIRAF	Target
0200-0300	English	Your New Life Station	11880	100	040	41,42S	South Asia
0300-0400	English	Your New Life Station	13760	100	040	41,42S	South Asia
0400-0500	Chinese	The Light of Life	17530	100	055	43,44W,49NW	East Asia
1800-1900	English	African Pathways Radio	13670	100	310	36SE,37,38W,46,47W	Africa
1900-2000	Arabic	Radio Feda	13670	100	340	38E,39,40S,40NW,48NW	N Africa/M East
2000-2100	English	African Pathways Radio	11965	100	295	36SE,37,38W,46,47W	Africa
2100-2200	Portuguese	Palavra Alegra	9765	100	265	12,13NW	South America

### Madagascar Global Relay Station

The relay station at Talata Volonondry went into full operation in mid-1972 and was owned and operated by Radio Netherlands until 2012 when ownership was passed to Malagasy Global Business S.A.

**Transmitter site:** Talata Volonondry, a rural commune in Analamanga Region, in the Central Highlands of Madagascar. It is situated at 27 km north of Antananarivo. The site has 3 x 250 kW shortwave transmitters in operation.

Time/UTC	Days	Station	Language	kHz	kW	Az.	CIRAF	Target
0300-0400	Daily	AWR	Malagasy	6065	100	020	53	Madagascar
0330-0400	Daily	Radio Tamazuj	Arabic etc	11650	250	335	39SW,47E,48W	Sudan
0400-0430	Daily	BBC	Somali	11995	250	000	48	North-East Africa
0400-0500	Daily	BBC	English	9915	250	315	48SW,53NW	North-East Africa
0430-0500	Daily	Radio Dabanga	Arabic etc	11650	250	335	39SW,47E,48W	Sudan
0500-0600	Daily	BBC	English	9915	250	265	52SE,53SW,57N	Central Africa
0500-0600	Daily	AWR	Arabic	17790	250	350	38E,39,47N,48N	N Africa/M East
0600-0630	Daily	AWR	French	17790	250	310	46S	West Africa
0600-0700	Daily	BBC	English	15420	250	265	52SE,53SW,57N	East Africa
0600-0800	Daily	BBC	English	17530	250	315	48SW,53NW	East Africa
0700-0800	Daily	BBC	English	17640	125	265	52SE,53SW,57N	Central Africa
0830-0950	1st Sun	Vatican Radio	Amharic (Lit.)	17790	250	345	38SE,47E,48	North-West Africa
1100-1400	Sat	BBC	Somali	27745	250	000	48	North-West Africa
1200-1300	Daily	Radio France Int.	French	17620	250	305	39S,46SE,47,48,52,53,53,57N	Africa
1200-1230	Sat	Bible Voice	English	21480	125	045	43S,44S	East Asia
1230-1245	Sun	Bible Voice	Indonesian	21480	125	080	54	South-East Asia
1300-1400	Daily	AWR	Vietnamese	17605	250	065	43S,49	South-East Asia
1330-1400	Sat	BBC	Somali	13660	250	000	48	North-East Africa
1400-1430	Daily	AWR	Sinhalese	15530	250	060	41S	South Asia
1400-1500	Daily	AWR	Malagasy	6055	100	020	53	Madagascar
1400-1500	Daily	BBC	Somali	12095	250	000	48	North-East Africa
1500-1530	Daily	MaEzer Semay R.	Tigrinya	11705	250	340	48NW	North-East Africa
1500-1530	Daily	AWR	Lushai	15605	250	035	41NE	South Asia

1500-1600	Daily	Radio Tamazuj	Sudanese langs	15150	250	335	48SW	South Sudan
1530-1600	Daily	AWR	Malayalam	15605	250	055	41S	South Asia
1600-1615	Sat	Vatican Radio	Swahili	7360	250	320	48SW,53NW	East Africa
1600-1630	Sun-Fri	Vatican Radio	Swahili	7360	250	320	48SW,53NW	East Africa
1600-1630	Daily	AWR	Marathi	15605	250	035	41	South Asia
1600-2000	Daily	BBC	English	7445	250	320	48SW,53NW	East Africa
1615-1630	Sat	Vatican Radio	Somali	7360	250	330	48	North-East Africa
1630-1700	Daily	Vatican Radio	English	7360	250	258	52S,53W,57N	Central Africa
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	17745	125	300	48SW,53NW	East Africa
1700-1728	Daily	AWR	Swahili	11790	250	335	48SW,53NW	East Africa
1700-2000	Daily	BBC	English	7265	125	265	52SE,53SW,57N	Central Africa
1800-1900	Daily	Radio ERISAT	Tigrinya	11690	250	340	48NW	North-East Africa
1900-2000	Daily	AWR	Arabic	11880	250	340	38E,39,47N,48N	NW Africa/M East

## Malawi

### Malawi Broadcasting Corporation - Radio 1

The Malawi Broadcasting Corporation is the state broadcasting station in Malawi. It operates on MW and FM. Shortwave broadcasts from MBC were last heard in 2002.

## Mali

### Office de Radio et Télévision du Mali - Radio Mali

ORTM is the state-operated broadcasting service in Mali. It operates stations on FM in the main cities and towns of Mali and continues to broadcast Radio Mali additionally on shortwave.

**Transmitter site:** Bamako.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>
0555-0800	Daily	French, Bambara and local languages	5995	100	ND
0800-1800	Daily	French, Bambara and local languages	9635	100	ND
1800-0000	Daily	French, Bambara and local languages	5995	100	ND

Radio Mali has news in English at approximately 1850-1905 UTC on Saturdays.

### International relays on shortwave

#### China Radio International

China Radio International has used two 100 kWest shortwave transmitters in Mali since 1988 for relays to Africa in various languages. The transmitters, operated by Société Malienne de Transmission et de Diffusion-SA, the company responsible for the distribution and management of the State's telecommunications infrastructure, appear to have been refurbished and reactivated in March 2019.

**Transmitter Site:** Bamako - 2 x 100 kW.

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>	<i>Target</i>
1310-1400	Daily	French	13685	100	111	53	Africa
			17880	100	111	53	Africa
1400-1500	Daily	English	13685	100	111	53	Africa
			17630	100	085	47E,48	Africa
1500-1600	Daily	English	13685	100	111	53	Africa
			17630	100	085	47E,48	Africa
1600-1700	Daily	Arabic	15125	100	085	47E,48NW	Africa
			17880	100	020	37	Africa
1700-1800	Daily	Swahili	13645	100	111	48SW,53NW	Africa
			15125	100	111	48SW,53NW	Africa
1800-1830	Daily	Hausa	11640	100	085	46E	Africa
			13645	100	111	46E	Africa
1830-1930	Daily	Arabic	11640	100	085	47E,48NW	Africa
			13685	100	020	37	Africa
1930-2000	Daily	Portuguese	11640	100	111	53NW	Africa
			13630	100	111	53NW	Africa
2000-2100	Daily	English	11640	100	111	53	Africa
			13630	100	111	53	Africa
2100-2130	Daily	English	11640	100	111	53	Africa
			13630	100	111	53	Africa
2130-2230	Daily	French	11975	100	020	37	Africa
			13630	100	111	53	Africa

## Target broadcast to Mali

### Voice of America - Mali Kura (New Mali)

Recognizing Mali's importance to security and governance on the African continent, the Voice of America launched a Bambara language broadcasting service on September 22, Mali's national independence day. "By establishing a separate Bambara service, VOA is investing new resources in its programming to the region," said Acting VOA Director Yolanda López. "Our goal is to continue producing authoritative reporting for millions of Malians that provides even more content from a dedicated staff in this new service." VOA Bambara language broadcasts began in 2013 as part of French-to-Africa language service programming on shortwave, on 24/7 FM stations in Bamako, Gao, and Timbuktu, on digital platforms and on regional affiliates. The new Bambara service programming will include a daily morning show, livestreaming from Bamako, and greater multimedia content from Bambara-speaking communities in Burkina Faso and Ivory Coast. The Voice of America delivered around-the-clock multimedia coverage of Mali's August 2020 and May 2021 military coups, serving as one of the country's primary sources of independent news, especially in its northern regions now largely controlled by Tuareg separatists and Islamist groups. The daily Bambara news radio program "Mali Kura" covers events across the Sahel, the region of Africa separating the Sahara Desert to the north and tropical savannas to the south. VOA provides in-depth analysis and context on the current affairs show "Djamu Kan" and on the call-in show "An Ba Fo." Bambara-speaking audiences get the latest entertainment news and major artists' interviews on the weekly interactive youth show "Farafina Foly." VOA Bambara's expansion as part of this new language service includes a television health show and more on-demand video for social media. (insidevoa.com, 22 September 2021)

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
2130-2200	Mon-Fri	Bambara	7360	Seleki-Phikwe, Botswana	100	350	46
			9490	Ascension Island	250	027	46
			11900	SMG, Vatican	250	205	46
			15120	Greenville NC, USA	250	094	46

## Mauritania

### Radio Mauritanie

Radio Mauritanie is the state-operated broadcasting service of Mauritania. It currently operates on FM only. It was last reported on shortwave (7245 kHz) in 2012 and on mediumwave (783 kHz) in 2018. It is assumed that both of these transmitters are permanently inactive.

## Mauritius

### Mauritius Broadcasting Corporation

MBC is the public broadcasting service in Mauritius. Two of its services operate on mediumwave: RM1 Radio Maurice in French and RM2 Radio Mauritius in Indian languages.

## Mayotte

### Mayotte Première

Mayotte Première is the public broadcasting station on Mayotte. It now broadcasts on FM only.

## Morocco

### SNRT Moroccan National Radio

Société Nationale de Radiodiffusion et de Télévision (SNRT) is the public broadcasting service in Morocco. Moroccan National Radio (Al-Idaa Alwatania Maghreb) is operated by SNRT. Shortwave transmissions have been discontinued and were last reported in 2012.

### Radio Méditerranée Internationale - Medi 1

Medi 1 is a private commercial radio network based in Tangiers that first went on air in 1980. It broadcasts throughout the Maghreb on longwave 171 kHz and programmes are in both Arabic and French. Jean-Michel Aubier (via DXLD) reported on 10 July 2017 that according to an email sent by Abdellah El-atmami (at the Nador transmitting station), Medi 1 had stopped shortwave transmissions for good (it had broadcast on 9575 kHz for many years).

## Mozambique

### Rádio Moçambique

Rádio Moçambique is the national state radio network. It is the only radio network that reaches the entire country. It is also the main source of national news for all Mozambicans. It broadcasts on mediumwave and FM. All shortwave transmitters were officially decommissioned in 2001.

# Namibia

## Namibian Broadcasting Corporation

NBC is the state broadcasting service of Namibia. NBC was last heard on shortwave in 2004.

# Niger

## Office de Radiodiffusion et Télévision du Niger

ORTN is the state-operated broadcasting service in Niger. The national radio service is called La Voix du Sahel and currently operates on FM only. La Voix du Sahel was last heard on shortwave on 9705 kHz in 2012.

# Nigeria

## Federal Radio Corporation of Nigeria

FRCN is Nigeria's publicly funded radio broadcasting organisation. Among its subsidiaries are the domestic radio network known as Radio Nigeria and the Voice of Nigeria international radio service.

### External broadcasting on shortwave

#### Voice of Nigeria (International Service)

Voice of Nigeria (VON) is the official international broadcasting station of Nigeria broadcasting from Abuja.

**Transmitter site:** Abuja-Lugbe, possibly with just one workable Thomcast TSW2300 250 kW transmitter.

**Frequencies:** VON's long-established frequencies are 7255 (currently offset on 7254.9), 9690, 11770 (currently offset on 11769.9) and 15120 kHz and any may be used as an alternative to those listed below. No registrations are made with the HFCC so the intended bearings of the transmissions are unconfirmed, although Shigenori Aoki and Ivo Ivanov both list them as 248 degrees towards West Africa. Several years ago it was reported that the facility to change the direction of the revolving Ampegon antenna was broken and it was permanently fixed towards North America ... was it ever repaired?

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>kW</b>
0600-0700	Daily	Hausa	7254.9	250
0700-0800	Daily	Fulfulde	7254.9	250
0800-1000	Daily	English	7254.9	250
1000-1030	Daily	French	7254.9	250
1030-1045	Daily	Yoruba	7254.9	250
1045-1100	Daily	Igbo	7254.9	250
1500-1530	Daily	Swahili	11769.9	250
1530-1600	Daily	Arabic	11769.9	250
1600-1615	Daily	Yoruba	11769.9	250
1615-1630	Daily	Igbo	11769.9	250
1630-1900	Daily	English	11769.9	250
1900-2000	Daily	Fulfulde	11769.9	250
2000-2100	Daily	Hausa	11769.9	250



#### Voice of Nigeria - DRM transmissions

VON's DRM transmissions are irregular but when active are usually heard during the afternoon/evening period and may be parallel to those heard in AM mode. Check 15120 kHz for DRM.

### International and other target broadcasts to Nigeria and neighbouring areas

#### BBC World Service

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
0529-0600	Daily	Hausa	7410	Ascension Island	125	065	46SE
			9440	Woofferton, UK	250	160	46SE
			12095	Moosbrunn, Austria	300	195	46SE
0629-0700	Daily	Hausa	7410	Ascension Island	125	065	46SE
			9440	Ascension Island	250	065	46SE
			13810	Moosbrunn, Austria	250	188	46SE
1400-1430	Mon-Fri	Hausa	11640	Pinheira, São Tomé	100	020	46SE
			17780	Ascension Island	250	065	46SE
			21630	Ascension Island	125	055	46SE
1930-2000	Sat-Thu	Hausa	9410	Ascension Island	125	055	46SE
			11610	Woofferton, UK	125	160	46SE
			11660	Ascension Island	125	065	46SE
1930-2030	Fri	Hausa	9410	Ascension Island	125	055	46SE
			11610	Woofferton, UK	125	160	46SE
			11660	Ascension Island	125	065	46SE



### Premier League football coverage

On Saturdays during the football season, BBC Hausa has commentaries and reports from England's Premier League:

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
1100-1600	Sat	Hausa	17780	Ascension Island	250	065	46SE
1600-1900	Sat	Hausa	15685	Ascension Island	250	055	46SE
			17700	Ascension Island	250	055	46SE

### Voice of America

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
0500-0530	Daily	Hausa	4960	Pinheira, São Tomé	100	030	46,47W
			6180	Ascension Island	250	027	46,47W
			9715	SMG, Vatican	250	184	46,47W
0700-0730	Daily	Hausa	4960	Pinheira, São Tomé	100	030	46,47W
			12070	Santa Maria di Galeria, Vatican	250	184	46,47W
			17700	Selebi-Phikwe, Botswana	100	350	46,47W
1500-1530	Daily	Hausa	11750	Pinheira, São Tomé	100	020	46,47W
			15460	Udon Thani, Thailand	250	276	46,47W
			17700	SMG, Vatican	250	184	46,47W
1530-1600	Mon-Fri	Hausa	11750	Pinheira, São Tomé	100	020	46,47W
			13775	Pinheira, São Tomé	100	000	46,47W
			15460	Udon Thani, Thailand	250	276	46,47W
			17700	Woofferton, UK	250	165	46,47W
2030-2100	Mon-Fri	Hausa	4960	Pinheira, São Tomé	100	030	46,47W
			7325	Pinheira, São Tomé	100	020	46,47W
			9470	Pinheira, São Tomé	100	000	46,47W
			9490	Pinheira, São Tomé	100	335	46,47S
2030-2100	Sat	Hausa	12070	Umm al-Rimam, Kuwait	250	235	46,47W
			4960	Pinheira, São Tomé	100	030	46,47W
			7325	Pinheira, São Tomé	100	020	46,47W
			9470	Pinheira, São Tomé	100	000	46,47W
			9490	Pinheira, São Tomé	100	335	46,47S
2030-2100	Sun	Hausa	12070	Umm al-Rimam, Kuwait	250	235	46,47W
			15730	Greenville NC, USA	250	094	46-48,52,53
			4960	Pinheira, São Tomé	100	030	46,47W
			7325	Pinheira, São Tomé	100	020	46,47W
			9470	Pinheira, São Tomé	100	000	46,47W
			12070	Umm al-Rimam, Kuwait	250	235	46,47W

### Radio France Internationale

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
0600-0630	Daily	Hausa	11995	Issoudun, France	500	170	46NE,46S,47N,47SW,52NW
			13740	Issoudun, France	500	170	46NE,46S,47N,47SW,52NW
0700-0730	Daily	Hausa	11995	Issoudun, France	500	170	46NE,46S,47N,47SW,52NW
			13740	Issoudun, France	500	170	46NE,46S,47N,47SW,52NW
1600-1700	Daily	Hausa	15300	Issoudun, France	500	170	46NE,46S,47N,47SW,52NW
			17850	Issoudun, France	500	170	46NE,46S,47N,47SW,52NW
2000-2030	Daily	Hausa	11700	Issoudun, France	500	170	46NE,46S,47N,47SW,52NW

### Deutsche Welle

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
0630-0700	Daily	Hausa	9830	Pinheira, São Tomé	100	000	46,47W
			11850	Issoudun, France	500	170	46,47W
			15215	Issoudun, France	500	160	46,47W
1300-1400	Daily	Hausa	9830	Pinheira, São Tomé	100	000	46,47W
			11850	Pinheira, São Tomé	100	020	46,47W
			17800	Issoudun, France	500	172	46,47W
1800-1900	Daily	Hausa	9830	Pinheira, São Tomé	100	020	46,47W
			11850	Issoudun, France	500	167	46,47W
			15215	Issoudun, France	500	175	46,47W

### Bundesliga football coverage

On Saturdays, DW Hausa has football commentaries and reports from Germany's Bundesliga:

<b>Time/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
1325-1530	Sat	Hausa	15195	Issoudun, France	500	165	46,47W
			15350	Issoudun, France	500	175	46,47W



### Dandal Kura Radio International

Dandal Kura Radio International (Dandal Kura meaning "Great Hall" or "Meeting Place" in Kanuri) aims to connect, inform and hear people who have been affected by Boko Haram. It is based in Maiduguri, Nigeria, and is financed by USAID, the US overseas development agency. It was first heard in 2015.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0700-0800	Daily	Kanuri	15260	Nauen, Germany	100	185	46,47
1800-1830	Daily	Kanuri	11830	Issoudun, France	125	167	46,47

### Manara Radio International

Manara Radio International was established by the Islamic group, Izalatul Bid'ah Wa'ikamatul Sunnah (JIBWIS), with broadcasts to northern Nigeria "to assist the less privileged in society". Shortwave transmissions originally began in June 2015 and resumed again in February 2019 after a break.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0700-0800	Daily	Hausa	13710	Issoudun, France	100	170	46S,47N,47SW,52NW
1600-1700	Daily	Hausa	15285	Issoudun, France	100	170	46S,47N,47SW,52NW

## Réunion

### Réunion Première

Réunion Première is the public radio/television broadcaster owned by France Télévisions for the overseas department of Réunion. ORTF had operated a 4 kWest shortwave transmitter on Réunion which became inactive in the mid-1970's. The mediumwave transmitters on 666 and 1215 kHz were switched off in 2018.

## Rwanda

### Radio Rwanda

Radio Rwanda is the state radio station in Rwanda. It had broadcast on 6055 kHz from a 100 kWest transmitter located at the Deutsche Welle Relay Station in Kigali, but ceased when it closed on 28 March 2015. It is now on FM only.

### Target broadcast to Rwanda

### Radio Itahuka

Radio Itahuka is produced by the Rwanda National Congress. It made its inaugural broadcast in November 2016. It is described as " a non-profit corporation operated by volunteers and Rwandans. Policy and programming decisions are made entirely by the Rwanda National Congress. The principal purpose of Radio Itahuka is to offer current events, cultural, educational, informational, and other programs and materials for the entertainment and benefit of the people of the Great Lakes region, and for the education of its staff". It had broadcast at 1800-1900 UTC on Saturdays on 15420 kHz from Madagascar, but appears to have been inactive for the B21 season.

## Saint Helena

Radio St Helena (MWest 1548 kHz) closed on Christmas Day 2012 and was replaced by the **South Atlantic Media Services (SAMS)**, broadcasting on FM only. Saint FM Community Radio also broadcasts on the island.

**Radio St Helena Day** was an annual broadcast on shortwave. Transmissions were beamed to different parts of the world on 11092.5 kHz. The first "Radio St Helena Day" broadcast took place in 1990 when Cable and Wireless allowed their 1 kWest shortwave transmitter to be used for special transmissions around the world and the annual event took place until 1999. After a break of seven years, a new 1 kWest shortwave transmitter and aerial mast was in place on St Helena thanks to a project run by German DXer, Robert Kipp, and "Radio St Helena Day" once again became a highlight of the DX year. The last RSHD broadcast was on 14 November 2009.



# São Tomé e Príncipe

## Rádio Nacional de São Tomé e Príncipe

Radio Nacional de São Tomé e Príncipe is the state's public broadcaster. It was last reported on shortwave in 1988.

### International relays on shortwave

#### USAGM São Tomé Transmitting Station

The USAGM São Tomé Transmitting Station at Pinheira was opened in 1992. Shortwave transmitters became operational in 1996 and broadcast primarily to West and Central Africa

**Transmitter site:** Pinheira, São Tomé - 5 x 100 kW.

<i>Time/UTC</i>	<i>Days</i>	<i>Station</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0330-0430	Daily	Voice of America	Kirundi	6155	100	114	52,53
				7225	100	100	52,53
0400-0430	Mon-Fri	VOA Studio 7	Shona	6170	100	124	53,57N
0400-0500	Daily	Voice of America	English	4960	100	030	46,47
				6080	100	138	47S,52,53S,57
0430-0500	Mon-Fri	VOA Studio 7	Ndebele	6170	100	124	53,57N
0430-0530	Mon-Fri	Voice of America	Kirundi	7225	100	114	52,53
0500-0530	Daily	Voice of America	Hausa	4960	100	030	46,47W
0500-0700	Daily	Voice of America	English	6080	100	020	46,47
0530-0630	Mon-Fri	Voice of America	French	4960	100	030	46,47
				7265	100	000	46,47,52
0600-0629	Daily	BBC	French	15400	100	088	47S,52N,52SE
0600-0800	Daily	BBC	English	13600	100	138	52SE,53SW,57N
0630-0700	Daily	Deutsche Welle	Hausa	9830	100	000	46,47W
0700-0729	Daily	BBC	French	15400	100	088	47S,52N,52SE
0700-0730	Daily	Voice of America	Hausa	4960	100	030	46,47W
0700-0800	Daily	BBC	English	13580	100	335	46
0830-0900	Wed/Sat	Voice of America	French	11815	100	100	46,47,48,52,53
1100-1130	Sat	Voice of America	French	15280	100	076	46-48,52,53
1300-1400	Daily	Deutsche Welle	Hausa	9830	100	000	46,47W
1400-1430	Mon-Fri	BBC	Hausa	11640	100	020	46SE
1400-1500	Sat/Sun	Voice of America	Kirundi	15460	100	114	52,53
				17530	100	100	52,53
				17580	100	100	52,53
				17530	100	114	52,53
1500-1530	Daily	Voice of America	Hausa	11750	100	020	46,47W
1530-1600	Mon-Fri	Voice of America	Hausa	11750	100	020	46,47W
				13775	100	000	46,47W
				17530	100	114	52,53
1600-1630	Daily	Voice of America	Kirundi	13630	100	100	52,53
				15460	100	100	52,53
				17530	100	114	52,53
				5940	100	020	46-47,52
1630-1700	Sat/Sun	Voice of America	English	5940	100	020	46-47,52
1630-1700	Fri	Voice of America	Portuguese	12080	100	138	52,53,57
1630-1700	Daily	Voice of America	Swahili	15460	100	100	47S,48S,52,53
				17530	100	088	47S,48S,52,53
1700-1730	Daily	VOA Studio 7	Shona	15460	100	126	53,57N
1700-1730	Mon-Fri	Voice of America	Amharic	15660	100	076	48
1700-1800	Daily	Voice of America	English	5940	100	020	46-47,52
1730-1800	Daily	VOA Studio 7	Ndebele	15460	100	126	53,57N
1730-1800	Mon-Fri	Voice of America	Oromo	12070	100	076	48
				15660	100	076	48
1800-1830	Mon-Fri	Voice of America	Portuguese	17655	100	124	52,53,57
1800-1900	Mon-Fri	VOA Studio 7	Live Talk	6040	100	138	53,57N
				15460	100	126	53,57N
				9830	100	000	46,47W
1800-1900	Daily	Deutsche Welle	Hausa	9830	100	000	46,47W
1830-1930	Daily	Voice of America	French	6180	100	100	46-48,52,53
1900-1930	Daily	Voice of America	Tigrinya	15660	100	076	48
1900-2000	Daily	BBC	English	6155	100	138	52SE,53SW,57N
1930-2000	Mon-Fri	Voice of America	Kirundi	6040	100	100	52,53
				9470	100	088	52,53
				6040	100	335	46,47W
2000-2030	Daily	Voice of America	French	6040	100	335	46,47W
				11900	100	114	46-48,52,53
2030-2100	Sun	Voice of America	French	9490	100	335	46,47S

2030-2100	Mon-Sat	Voice of America	Hausa	4960	100	030	46,47,52
				9470	100	000	46,47W
				7325	100	020	46,47W
				9490	100	335	46,47S
2030-2100	Sun	Voice of America	Hausa	4960	100	030	46,47,52
				9470	100	000	46,47W
				7325	100	020	46,47W
2100-2130	Mon-Fri	Voice of America	French	11900	100	114	46-48,52,53

## Senegal

### Radiodiffusion Télévision Sénégalaise

Radiodiffusion Télévision Sénégalaise (RTS) is the public broadcasting company of Senegal. It was last reported on shortwave in 1997. All domestic broadcasting from RTS and private radio stations is on FM only.

## Seychelles

### SBC Radio

Seychelles Broadcasting Corporation is the public broadcasting radio service of the Seychelles.

## Sierra Leone

### Sierra Leone Broadcasting Corporation

Sierra Leone Broadcasting Corporation (SLBC) is the public broadcasting service in Sierra Leone, operating on FM only. It is owned by the government and is operated by Independent Media Commission under the supervision of the Ministry of Information and Communications. The SLBC was formed in April 2010, when the Sierra Leone government owned Sierra Leone Broadcasting Services (SLBS) merged with the United Nations peacekeeping radio station. The old SLBS was last heard on shortwave in 2002.

## Somalia

Almost all radio services in Somalia are on FM nowadays, with the exception of Waqrsan Radio. Since Al Shabaab lost power in Mogadishu in 2012, radio has flourished in the country and there is a wide range of stations available. Radio Mogadishu broadcasts in several towns and cities in Somalia on FM in support of the Federal Government of Somalia.

### Warsan Radio

Warsan Radio, previously known as Democratic Media Concern, was founded in 2002. The station was funded by a Somali community living in the Diaspora and broadcast regularly on FM until the equipment (including the transmitter) was captured by Al Shaabab and renamed Radio Andalus. The station was off air from late 2009 until 2013. It now broadcasts on 88.8 FM in Baydhabo and also on shortwave 7750 kHz. Its programming in the past has also included relays of BBC Somali (see times below for BBC Somali)

**Transmitter site:** Baydhabo, South West State.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>
0300-0600 and 0900-1930	Daily	Somali	7750 (upper sideband)	0.1	ND

Warsan Radio on 7750 kHz heard regularly during February using the Nairobi SDR between 1400-1500 with a relay of BBC Somali, parallel to the BBC shortwave frequencies of 12065 (Talata Volonondry, Madagascar), 15420 (Dhabbaya, UAE) and 21470 kHz (Santa Maria di Galeria, Vatican). (Tony Rogers)

### Selected international broadcasts to Somalia

### BBC Somali

The BBC Somali was founded in 1957. It broadcasts to Somali speakers throughout East Africa on shortwave and on BBC FM transmitters in Somalia, as well as via relay partnerships with local radio stations. Programmes consist of international and local news, current affairs, business, sport, culture and phone-in's.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0400-0430	Daily	Somali	11995	Talata Volonondry, Madagascar	250	000	48
			13790	Dhabbaya, UAE	250	225	48
1100-1130	Daily	Somali	15420	Dhabbaya, UAE	250	220	48
			17745	Dhabbaya, UAE	250	225	48
1400-1500	Daily	Somali	12065	Talata Volonondry, Madagascar	250	000	48
			15420	Dhabbaya, UAE	250	225	48
			17745	Dhabbaya, UAE	250	225	48

### Premier League football coverage

On Saturdays, BBC Somali has football commentaries and reports from England's Premier League:

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
1100-1400	Sat	Somali	15420	Dhabbaya, UAE	250	220	48
1100-1400	Sat	Somali	17745	Talata Volonondry, Madagascar	250	000	48
1100-1600	Sat	Somali	15420	Dhabbaya, UAE	250	225	48
1100-1600	Sat	Somali	17745	Dhabbaya, UAE	250	225	48
1330-1400	Sat	Somali	13660	Talata, Volonondry, Madagascar	250	000	48
1600-1800	Sat	Somali	7225	Dhabbaya, UAE	250	215	48
1600-1900	Sat	Somali	13860	SMG, Vatican	250	130	48
1800-1900	Sat	Somali	7225	A'Seela, Oman	250	225	48

### Voice of America Somali Service

Voice of America Somali Service was originally launched in 1993 and stopped service within a year. The Service was re-launched in February in 2007. In addition to the schedule below, VOA broadcasts in English and Somali from its own FM transmitters in some cities and towns in Somalia.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
0330-0400	Daily	Somali	7260	Santa Maria di Galeria, Vatican	250	146	48
			13680	Umm al-Rimam, Kuwait	250	205	48
			15630	Udon Thani, Thailand	250	276	48
1030-1100	Daily	Somali	11760	Dhabbaya, UAE	250	205	48
			15730	SMG, Vatican	250	139	48
			17775	SMG, Vatican	250	130	48
1300-1400	Daily	Somali	15730	Selebi-Phikwe, Botswana	100	010	48
			17530	SMG, Vatican	250	139	48
1600-1700	Daily	Somali	12055	Udon Thani, Thailand	250	276	48
			15730	Selebi-Phikwe, Botswana	100	010	48
1700-1800	Daily	Somali	12055	Udon Thani, Thailand	250	276	48
			15730	Umm al-Rimam, Kuwait	250	185	48

### Radio ERGO

Radio Ergo was formerly known as IRIN radio until a Danish media development organisation, International Media Support (IMS), took ownership from the United Nations Integrated Regional Information Network (IRIN) in July 2011 and renamed the station Radio Ergo. The station solely broadcast news and humanitarian programmes. The station's studios are located in Nairobi and it broadcasts to Somalia one hour per day between 1200-1300 on shortwave.



**HUMANITARIAN  
NEWS FROM THE  
SOMALI REGION**

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Az.</i>	<i>CIRAF</i>
1200-1300	Daily	Somali	17845	Dhabbaya, UAE	250	225	48E,48SW

## Somaliland

Somaliland, officially the Republic of Somaliland, is a self-declared state internationally recognised as an autonomous region of Somalia. The government of the de facto state of Somaliland regards itself as the successor to the former British Somaliland protectorate, which, in the form of the briefly independent State of Somaliland, united as scheduled on 1 July 1960 with the Trust Territory of Somaliland (previously known as Italian Somaliland) to form the Somali Republic.

### Radio Hargeisa

Radio Hargeisa is currently off-air on shortwave. Its most recent schedule was 0330-0530, 0900-1400 and 1500-2000 on 7120 kHz, and included programmes in Arabic, English and Amharic, as well as Somali.

## South Africa

### South African Broadcasting Corporation

The SABC is the state-owned broadcaster in South Africa. Radio RSA, now known as Channel Africa. Channel Africa discontinued its broadcasts on shortwave at the end of March 2019.

### Meyerton Transmitting Station

The Meyerton Transmitting Station is operated by Sentech, the signal distributor for the South African broadcasting sector. The organisation began operations in 1992 as the signal distributor of the South African Broadcasting Corporation. Sentech now operates as a commercial enterprise that is owned by the Government of South Africa via the South African Ministry of Communications and has its own board of directors. All shortwave broadcasting ceased on 31 March 2019.

# Sudan

## Sudan Radio and Television Corporation

SRTC Sudan Radio is the state-controlled broadcasting service in Sudan.

## Sudan Radio / Voice of Africa on shortwave

The General Programme from Sudan Radio is aired on shortwave throughout the day, except for an evening period when the transmitter switches to carry the Voice of Africa. External Service programmes from the Voice of Africa were first heard in October 2012. Programmes in French, English and Hausa or Swahili are irregular and times may vary from those listed below.

**Transmitter Site:** Omdurman (Al-Aitahab).

<b>Time/UTC</b>	<b>Days</b>	<b>Service</b>	<b>Languages</b>	<b>kHz</b>	<b>kW</b>	<b>Az.</b>	<b>Notes</b>
0300-1630	Daily	Sudan Radio	Arabic	7205	100	ND	times may vary
1630-1730	Daily	Voice of Africa	French	7205	100	ND	times may vary; alt: 9505
1730-1830	Daily	Voice of Africa	English	7205	100	ND	times may vary; alt: 9505
1830-1930	Daily	Voice of Africa	Hausa (or Swahili?)	7205	100	ND	times may vary; alt: 9505
1800-2100	Daily	Sudan Radio	Arabic	7205	100	ND	times may vary

The shortwave transmitter had switched from 7205 kHz to 9505 kHz in the past for the broadcasts from Voice of Africa, but at the time of editing it remains on 7205 kHz throughout.

## Target broadcast to Sudan

### Radio Dabanga

Radio Dabanga is a project of the Radio Darfur Network, a coalition of Sudanese journalists and international (media) development organisations, supported by a consortium of international donors, humanitarian community organisations and local NGOs. Radio Dabanga is conceived, operated and facilitated by Free Press Unlimited in the Netherlands.

<b>Time/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
0430-0500	Daily	Arabic/Sudanese lang's	7315	Santa Maria di Galeria, Vatican	250	151	47E,48W
			11650	Talata Volonondry, Madagascar	250	335	39SW,47E,48W
1530-1600	Daily	Arabic/Sudanese lang's	11640	Kostinbrod, Bulgaria	200	166	39SW,47E,48W
			15150	Kostinbrod, Bulgaria	200	166	39SW,47E,48W
			15550	Issoudun, France	250	135	39SW,47E,48W

# South Sudan

## South Sudan Radio

There is no shortwave broadcasting in South Sudan. The South Sudan government operates a loosely coordinated network of local radio stations across the country under the umbrella of South Sudan Radio. These stations broadcast on FM and can only be heard within the vicinity of the town where they are based.

## Target broadcasts to South Sudan

### Radio Tamazuji

Radio Tamazuji is a daily news service and current affairs broadcaster covering South Sudan, the southern states of Sudan, and the borderlands between the two countries. Typical programming includes reporting and discussion of politics, governance, peace-building, law, justice, culture, economy, education, gender, and human rights.

<b>Time/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
0330-0430	Daily	Arabic/Sudanese lang's	7315	Santa Maria di Galeria, Vatican	250	151	47E,48W
			11650	Talata Volonondry, Madagascar	250	335	39SW,47E,48W
1500-1600	Daily	Arabic/Sudanese lang's	15150	Talata Volonondry, Madagascar	250	335	48SW
			15550	Santa Maria di Galeria, Vatican	250	151	39SW,47E,48W

**Note:** News in English is at 0415-0425 and 1545-1555

## Voice of America - South Sudan in Focus

VOA's "Sudan in Focus" programme (now called "South Sudan in Focus") was first aired on 23 September 2010 and reflects US interest in South Sudan. "South Sudan in Focus" airs at 7:30 pm in Juba (1630 UTC).

<b>Time/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>kHz</b>	<b>Transmitter site</b>	<b>kW</b>	<b>Az.</b>	<b>CIRAF</b>
1630-1700	Mon-Fri	Sudanese English	11850	Dhabbaya UAE	250	235	47E,48W
			13865	Woofferton G	250	135	47E,48W
			15180	Pinheira STP	100	076	47E,48W



## Tanzania

### Tanzania Broadcasting Corporation - TBC Taifa

TBC is the state broadcaster in Tanzania. There is on shortwave broadcasting in Tanzania.

## Togo

### Radiodiffusion-Télévision Togolaise

RTT is the state broadcasting station and on FM. Radio Lome was last reported on shortwave in 2003.

## Tristan da Cunha

### Atlantic FM

Tristan da Cunha was served by a 40 watt shortwave transmitter, but Radio Tristan da Cunha left shortwave in 1991 in favour of FM only. The local radio station on the island is now called Atlantic FM.

## Tunisia

### Radio Tunis - National Channel

Radio Tunis is the state broadcasting service in Tunisia. The National Channel in Arabic is the primary outlet. All relays on shortwave were discontinued in 2013 as a cost-cutting measure.

## Uganda

### Uganda Broadcasting Corporation

UBC Radio is the public broadcaster of Uganda. All mediumwave and shortwave transmissions have been discontinued by UBC and all broadcasting in Uganda is now on FM only.

### Radio Dunamis

There have been reports in 2021 of Radio Dumamis being heard on 4750 kHz. Enquiries made through a contact in Uganda about the possibility of Radio Dunamis actually being back on shortwave after an absence of 5 years or so brought the following reply - 17 June 2021: "This morning, I spoke to the operator Basta Richard and he was surprised he had such a wide audience. He told me that the radio has fallen silent at the moment because they are having financial difficulties paying their bills. This being a Christian broadcast, they rely on support funding from the community. He is open and welcoming of all support to get the station back on air. He was a pleasant fellow to speak to and seemed eager to hear from outsider friends and supporters". (Tony Rogers, with thanks to Duncan Rogers and his contact in Uganda)

## Western Sahara

Western Sahara is a disputed and partially Moroccan-occupied territory in the Maghreb region of North Africa, bordered by Morocco to the north, Algeria to the northeast, Mauritania to the east and south, and the Atlantic Ocean to the west.

### National Radio of the Sahrawi Arab Democratic Republic

National Radio of the Sahrawi Arab Democratic Republic is operated by the Polisario Front in support of independence for Western Sahara. The transmitter is located at the Sahrawi refugee camp in Rabouni, close to the south-western Algerian town of Tindouf, near the border with Western Sahara. It operates on mediumwave 1550 kHz. The station was last heard on shortwave in 2011.

## Zambia

### Zambia National Broadcasting Corporation - Radio 1

The Zambia National Broadcasting Corporation (ZNBC) is the state-controlled broadcasting service of Zambia. Radio 1 is heard on FM throughout Zambia and is also on shortwave. Radio 2 is also heard on FM but its shortwave transmitter that had operated on 6165 kHz has been inactive since late 2012.

**Transmitter site:** Lusaka.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Az.</i>
24 hours	Daily	National languages (see below)	5915	100	ND

## ZBC Radio 1 Language schedule

News block 1 at 1030-1115 UTC features 5 minute bulletins in Kaonde, Lozi, Lunda, Luvale, Tonga, Nyanja, and Bemba (in that order), followed by music, commercials and information.

News block 2 at 1515-1600 UTC features 5 minute bulletins in Nyanja, Bemba, Luvale, Lunda, Kaonde, Lozi and Tonga (in that order), followed by music, commercials and information.

Time/UTC	Days	Language	Time/UTC	Days	Language
0240-0250	Daily	Call of the Fish Eagle	1130-1200	Wed	Nyanja
0250-0500	Mon	Lunda	1130-1200	Thu	Bemba
0250-0500	Tue	Tonga	1130-1200	Fri	Nyanja
0250-0500	Wed	Luvale	1130-1200	Sat	Bemba
0250-0500	Thu	Lozi	1130-1200	Sun	Nyanja
0250-0500	Fri	Kaonde	1200-1400	Mon	Bemba
0250-0500	Sat	Nyanja	1200-1400	Tue	Lunda
0250-0500	Sun	Bemba	1200-1400	Wed	Lozi
0500-0515	Daily	<u>Network News in English</u>	1200-1400	Thu	Kaonde
0515-0600	Mon	Lunda	1200-1400	Fri	Tonga
0500-0600	Tue	Tonga	1200-1400	Sat	Nyanja
0515-0600	Wed	Luvale	1200-1400	Sun	Lozi
0515-0600	Thu	Lozi	1400-1515	Mon	Kaonde
0515-0600	Fri	Kaonde	1400-1515	Tue	Lozi
0515-0600	Sat	Nyanja	1400-1515	Wed	Tonga
0515-0600	Sun	Bemba	1400-1515	Thu	Lunda
0600-0800	Mon	Tonga	1400-1515	Fri	Lozi
0600-0800	Tue	Nyanja	1400-1515	Sat	Bemba
0600-0800	Wed	Kaonde	1400-1515	Sun	Tonga
0600-0800	Thu	Luvale	1515-1600	Daily	News block 2
0600-0800	Fri	Tonga	1600-1800	Mon	Nyanja
0600-0800	Sat	Lunda	1600-1800	Tue	Tonga
0600-0800	Sun	Bemba	1600-1800	Wed	Lunda
0800-1000	Mon	Bemba	1600-1800	Thu	Lozi
0800-1000	Tue	Luvale	1600-1800	Fri	Bemba
0800-1000	Wed	Lozi	1600-1800	Sat	Luvale
0800-1000	Thu	Tonga	1600-1800	Sun	Kaonde
0800-1000	Fri	Luvale	1800-1815	Daily	<u>Network News in English</u>
0800-1000	Sat	Lozi	1815-2200	Mon	Lozi
0800-1000	Sun	Tonga	1815-2200	Tue	Kaonde
1000-1030	Mon	Nyanja	1815-2200	Wed	Bemba
1000-1030	Tue	Bemba	1815-2200	Thu	Nyanja
1000-1030	Wed	Nyanja	1815-2200	Fri	Lunda
1000-1030	Thu	Bemba	1815-2200	Sat	Tonga
1000-1030	Fri	Nyanja	1815-2200	Sun	Luvale
1000-1030	Sat	Bemba	2200-2205	Daily	National Anthem
1000-1030	Sun	Nyanja	2205-0240	Daily	Overnight prgrs (to be confirmed)
1030-1115	Daily	News block 1			
1115-1130	Daily	<u>Network News in English</u>			
1130-1200	Mon	Nyanja			
1130-1200	Tue	Bemba			

**Note:** schedule mainly compiled from ZNBC Radio 1 website and monitoring observations but is subject to confirmation.

## International broadcasting on shortwave

### Voice of Hope - Africa

The California-based Strategic Communications Group, the parent organisation of Voice of Hope, purchased the former Christian Vision shortwave facility in Zambia in late 2014. It broadcasts Christian programmes for listeners in Africa.

**Transmitter site:** Makeni Ranch, 35 km outside Lusaka.

Time/UTC	Days	Language	kHz	kW	CIRAF
0400-0800	Daily	English	9680	100	48S,52,53,57
			11680	100	46,47W
1200-1400	Daily	Swahili	9680	100	48S,52,53,57
1400-1600	Daily	English	6065	100	46,47W
			9680	100	48S,52,53,57
1600-2100	Daily	English	4965	100	48S,52,53,57
			6065	100	46,47W

The programme schedule effective 1 February 2022 can be found on the [Voice of Hope website](#)

## Zanzibar

### Zanzibar Broadcasting Corporation

ZBC is the public broadcasting station of Zanzibar. It broadcasts on mediumwave and FM, as well on shortwave for East Africa (mornings) and the Arabian Peninsula (evenings).

**Transmitter site:** MW: Chumbuni - 50 kW; SW: Dole - 50 kW.

**Language:** Swahili

Time/UTC	Days	Language	kHz	Location	kW	Target
0250-0600	Daily	Swahili	6015	Dole	50	East Africa
1500-2100	irregular	Swahili	11735	Dole	50	Arabian Peninsula

**Note:** news in English from Spice FM is irregular at 1800.

## Zimbabwe

### Zimbabwe Broadcasting Corporation

The Zimbabwe Broadcasting Corporation is the state-controlled broadcaster in Zimbabwe. Domestic services are on FM only with no mediumwave or shortwave stations broadcasting in Zimbabwe at present. The Voice of Zimbabwe external service was last heard on shortwave in 2012.

### Target broadcasts to Zimbabwe

#### Voice of America - Studio 7

Studio 7 aims to provide extensive and comprehensive coverage of political, economic and social developments in Zimbabwe. On both its radio and Radio-on-TV platforms, Studio 7 offers a variety of programmes targeted to a diverse group of listeners, including women and youth, the diaspora community and rural population, as well as a variety of topics that include religion, culture, health, and sports. Studio 7 broadcasts in Shona and Ndebele with each language programme running for 30 minutes. In addition, Studio 7 airs Livetalk, a 60-minute call-in Radio-on-TV (simulcast) talk show, Monday through Friday. Livetalk is a platform of engagement that allows Zimbabweans in country and in the diaspora to air their views on developments taking place in Zimbabwe and elsewhere.

Time/UTC	Days	Lang/Prgr	kHz	Transmitter site	kW	Az.	CIRAF
0400-0430	Mon-Fri	Shona	4930	Selebi-Phikwe, Botswana	100	020	53,57N
			6140	Selebi-Phikwe, Botswana	100	010	53,57N
			6170	Pinheira, São Tomé	100	124	53,57N
0430-0500	Mon-Fri	Ndebele	4930	Selebi-Phikwe, Botswana	100	020	53,57N
			6140	Selebi-Phikwe, Botswana	100	010	53,57N
			6170	Pinheira, São Tomé	100	124	53,57N
1700-1730	Daily	Shona	4930	Selebi-Phikwe, Botswana	100	020	53,57N
			6040	Selebi-Phikwe, Botswana	100	010	53,57N
			15460	Pinheira, São Tomé	100	126	53,57N
1730-1800	Daily	Ndebele	4930	Selebi-Phikwe, Botswana	100	020	53,57N
			6040	Selebi-Phikwe, Botswana	100	010	53,57N
			15460	Pinheira, São Tomé	100	126	53,57N
1800-1900	Mon-Fri	Live Talk	6040	Pinheira, São Tomé	100	138	53,57N
			15460	Pinheira, São Tomé	100	126	53,57N



# Africa on Shortwave

Edited by Tony Rogers

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