

**British DX Club**  
**Africa on**  
**Mediumwave and Shortwave**



**Guide to Mediumwave and Shortwave**  
**Broadcasts in Africa**

**January 2021**

# Africa on Mediumwave and Shortwave

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## Algeria

Radio Algérienne is the public radio broadcasting entity in Algeria. It manages three national broadcast stations and 32 regional stations. They broadcast in Arabic, Tamazight (Berber), and French.

### Domestic broadcasting on longwave and mediumwave

All longwave and mediumwave stations are part of Radio Algérie, except for the Polisario station on 1550 kHz.

kHz	Station	Location	kW	Schedule
252	Chaîne 3	Tipaza, Tiapza Province	1500	24h in French; half-power 1900-0600
531	Jil FM	F'kirina Wilaya, Oum El Bouaghi	600	24h in Arabic, with some French/Tamazight
549	Jil FM	Sidi Hamadouche, Sidi Bel-Abbes	600	24h in Arabic, with some French/Tamazight
558	Radio Ouargla	Tougourt, Ouargla	10	24h in Arabic, including relays of Chaîne 1
576	Radio Béchar	Béchar, Béchar	400	24h in Arabic; new transmitter reported testing in November 2019 and now fully operational
666	Radio Tindouf	Tindouf, Tindouf	10	24h in Arabic, including relays of Chaîne 1
693	Radio Adrar	Reggane, Adrar	10	24h in Arabic, including relays of Chaîne 1
702	Radio Laghouat	Laghouat, Laghouat	25	0600-1900 Radio Laghouat in Arabic 1900-2200 Radio Culture in Arabic 2200-2300 Chaîne 1 in Arabic 2300-0600 Radio Coran in Arabic
738	Radio Illizi	In Aménas, Illizi	10	24h in Arabic, including relays of Chaîne 1
783	Radio Oued	Souf El Oued, El Oued	10	24h in Arabic, including relays of Chaîne 1
783	Radio Illizi	Djanet, Illizi	5	24h in Arabic, including relays of Chaîne 1
837	Chaîne 3	Béchar, Béchar	5	0500-0100 in French
873	Radio Ghardaia	Ghardaia, Ghardaia	10	24h in Arabic, including relays of Chaîne 1
891	Chaîne 1	Ouled Fayet, Algiers	600	24h in Arabic; half-power 1900-0600
909	Chaîne 1	Tamanrasset, Tamanrasset	10	24h in Arabic
927	Radio Adrar	Timimoun, Adrar	10	24h in Arabic, including relays of Chaîne 1
981	Chaîne 2	Ouled Fayet, Algiers	100	24h in Tamazight
1026	Radio Ourgla	Hassi Messaoud, Ouargla	10	24h in Arabic, including relays of Chaîne 1
1071	Chaîne 1	Illizi, Illizi	5	24h in Arabic
1089	Radio Adrar	Adrar, Adrar	10	24h in Arabic, including relays of Chaîne 1
1161	Radio Tamanrasset	In Salah, Tamanrasset	10	24h in Arabic, including relays of Chaîne 1
1422	Multi-Chaîne	Ouled Fayet, Algiers	50	1200-1600 Radio UFC in Arabic 1600-2300 Radio Culture in Arabic 2300-1200 Radio Coran in Arabic
1550	National R of SADR	Rabouni, Tindouf	50	see entry for Western Sahara

Most local stations have their own programmes during the daytime, with Chaîne 1 relayed overnight.

### External broadcasting on shortwave

#### Radio Algérie shortwave service

Shortwave services from Radio Algérie are relayed from TDF Issoudun in France for listeners in North Africa and the Sahel. Programmes are mainly in Arabic with a relay of the "Radio Coran" service, with extra news bulletins in French.

**Transmitter site:** TDF, Issoudun, France - 500 kW.

Times/UTC	Days	Language	kHz
0400-0500	Daily	Arabic/French	6060-iss
0500-0600	Daily	Arabic/French	6060-iss 6105-iss (7295-iss effective from 07/03/21)
0600-0700	Daily	Arabic/French	6105-iss
1800-1900	Daily	Radio Algérie Int.	7375-iss - see below
1900-2000	Daily	Arabic/French	7315-iss 7375-iss
2000-2100	Daily	Arabic/French	5940-iss 6140-iss (6170-iss effective 28/02/21)
2100-2200	Daily	Arabic/French	5940-iss 6040-iss
2200-2300	Daily	Arabic/French	6040-iss

### Radio Algérie Internationale

Radio Algérie Internationale was launched on 19 March 2007. Broadcasting in four languages, namely Arabic, French, English and Spanish, 24 hours a day, 7 days a week, Radio Algérie Internationale focuses its programmes on topical national and international news through continuous reporting and the staging of free-wheeling debates with the presence in the studios of a host of specialists, consultants and managers representing different sectors of activity. For further details see <https://www.radioalgerie.dz/rai/en>

**Transmitter site:** TDF, Issoudun, France - 500 kW.

Times/UTC	Days	Language	kHz
1800-1859	Daily	Arabic/French/English/Spanish	7375-iss

### New shortwave transmitters being installed

Two new 250 kW shortwave transmitters for Radio Algérie have been installed at Ourgla and Bechar in Algeria. Although not yet in operation, the following frequencies have been registered with the HFCC for B20. However, registrations have been made for several years now without the transmitters actually taking to the air.

**Transmitter sites:** Bechar (bec) - 250 kW and Ourgla (org) - 250 kW.

Times/UTC	Registered freq (kHz)	Times/UTC	Registered freq (kHz)
0000-0300	9740-bec	0900-1600	13640-org
0000-0200	6005-org	0900-1600	13790-bec
0200-0400	7250-org	0900-1700	17530-bec
0300-0600	6145-bec	1600-1800	15730-org
0400-0600	5995-org	1700-1900	13605-bec
0400-0700	6095-org	1800-1900	9500-org
0600-0700	7335-bec	1900-0000	5985-org
0700-0900	11995-bec	1900-0000	9710-bec
0700-0900	9665-org		

## Angola

Rádio Nacional de Angola 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)

### Domestic broadcasting on mediumwave and shortwave

#### Rádio Nacional de Angola - Canal A

Canal A is the national service of RNA.

**Transmitter site:** Luanda-Mulenvos: 1134 kHz: 10 kW; 4950v kHz: 25 kW.

Times/UTC	Language	kHz	Note
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24 hours Portuguese 1134 & 4949.7v Canal A's main news programmes are at 1200 and 1900 UTC.

**Note:** current status of 1134 kHz is subject to confirmation.

#### Rádio N'gola Yetu

Rádio N'gola Yetu broadcasts between 0000-2000 in 14 national languages: Bângala, Nyaneka, Lunda, Songo, Luvale, Ngangela, Helelo, Fiote, Ngoya, Umbundu, Cokwe, Kimbundu, Kikongo, and Kwanyama.

**Transmitter site:** Luanda-Mulenvos - 25 kW.

Times/UTC	Languages	kHz	Note
0000(0100mo)-2000(2100su)	National Languages	945	relay of Canal A News in Portuguese at 1158-1300

### External broadcasting on mediumwave

#### International Service of Angolan National Radio

RNA's International Service shares a mediumwave frequency with Radio N'gola Yetu, the service in national languages. The 25 kW transmitter on 945 kHz covers Luanda and the surrounding area and is primarily for expatriots living in Luanda and listeners in neighbouring countries, although its reach is unlikely to be significant. On Sundays, a programme from Radio N'gola Yetu is scheduled at 2000-2100 and, subject to confirmation, this means that the International Service runs one hour later than on other day of the week.

**Transmitter site:** Luanda-Mulenvos - 25 kW.

Days	Times/UTC	Language	kHz
Mon-Sat	2000-2100	Lingala	945
	2100-2200	French	945
	2200-2300	English	945
	2300-0000	Portuguese	945
Sun	2100-2200	Lingala	945
	2200-2300	French	945
	2300-0000	English	945
Mon	0000-0100	Portuguese	945

## Target broadcast to Angola

### Voice of America - Angola, Falo Só

"Angola, Fala Só" is a weekly call-in show for listeners in Angola. The title for the Portuguese language show was inspired by a popular expression which is often used in the Angolan capital, Luanda.

**Transmitter sites:** Pinheira, São Tomé (sao) - MW 600 kW, SW 100 kW; Moepeng Hill, Botswana (bot) - 100 kW; Greenville-B, USA (gb) - 250 kW.

Times/UTC	Days	Language	kHz
1630-1700	Fri	Portuguese	13630-bot 17655-sao
1700-1730	Fri	Portuguese	1530-sao 13630-bot 17655-gb

## Ascension Island

Broadcasting on Ascension Island for residents is now on FM only. BBC Radio Ascension on 1485 kHz and Volcano Radio on 1602 had both switched off their mediumwave transmitters by the end of 2009. The BBC Atlantic Relay Station, operated by Encompass Digital Media, relays shortwave transmissions to Africa on behalf of the BBC and others.

### International relays on shortwave

#### BBC Atlantic Relay Station

The BBC World Service opened its overseas shortwave relay station on Ascension Island in 1966.

**Transmitter site:** English Bay - 6 x 250 kW.

Times/UTC	Days	Station	Language	Target	kHz
0500-0530	Daily	Voice of America	Hausa	West Africa	6170
0500-0600	Daily	BBC	English	West Africa	6005
0500-0600	Daily	BBC	English	Central Africa	6195
0529-0600	Daily	BBC	Hausa	West Africa	6135 7305
0600-0629	Daily	BBC	French	West/Central Africa	5875 7305
0600-0700	Daily	BBC	English	West Africa	6005
0600-0700	Daily	BBC	English	Central Africa	7445
0629-0700	Daily	BBC	Hausa	West Africa	5975 7305
0700-0729	Daily	BBC	French	West Africa	7305
0700-0800	Daily	BBC	English	West Africa	9915
0700-0800	Daily	Radio Ndarason Int.	Kanuri	West Africa	9535
1130-1700	Sat	BBC	Hausa	West Africa	17780
1200-1230	Daily	BBC	French	West/Central Africa	17640 17765
1400-1430	Mon-Fri	BBC	Hausa	West Africa	15400 17780
1600-1700	Daily	BBC	English	Central Africa	17830
1600-1700	Daily	BBC	English	Southern Africa	17640
1700-1800	Daily	BBC	English	Central Africa	17830
1700-1800	Daily	BBC	English	West Africa	15400 17780
1700-1900	Daily	TWR Africa	Arabic	East Africa	17745
1700-1930	Sat	BBC	Hausa	West Africa	15685
1800-1830	Daily	BBC	French	West Africa	15490
1800-1900	Daily	BBC	English	Central Africa	11810
1800-1900	Daily	BBC	English	West Africa	15400
1900-1930	Sun	Follow the Bible Ministries	English	Africa	11660 12005
1900-2000	Daily	BBC	English	West Africa	12095
1900-2100	Daily	Radio Ndarason Int.	Kanuri	West Africa	12050
1930-2000	Daily	BBC	Hausa	West Africa	11660 15490
2000-2030	Fri	BBC	Hausa	West Africa	11660 15490
2000-2100	Daily	BBC	English	West Africa	12095
2100-2200	Mon-Fri	BBC	English	Central Africa	11810
2100-2200	Mon-Fri	BBC	English	West Africa	12095
2130-2200	Mon-Fri	Voice of America	Bambara	West Africa	15120



## 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. All current domestic broadcasting in Benin is on FM only, with TWR Benin the only radio station on mediumwave.

### International broadcasting on mediumwave

#### TWR West Africa Transmitter Station (WATS)

TWR's West Africa Transmitting Station went on air on 1 February 2008 and now broadcasts Christian programming to West Africa on two mediumwave transmitters. The original transmitter at Parakou on 1566 kHz (100 kW) covers a large portion of West Africa. As well as English, French and main languages of West Africa, it also has programmes in local languages. The second transmitter on 1476 kHz (200 kW) was inaugurated on 1 February 2020 for broadcasts to Nigeria, as well as parts of the neighboring countries of Cameroon, Benin and Niger. Programmes are in six languages widely spoken across the region: Yoruba, Igbo, Fulani, Hausa, Kanuri and African English,

#### **1476 kHz**

**Transmitter site:** Parakou, Benin (200 kW)

#### **Transmission times**

Time/UTC	Days
0320-0550	Mon-Fri
0430-0515	Sun
1726-1930	Daily

#### **1566 kHz**

**Transmitter site:** Parakou, Benin (100 kW)

#### **Transmission times**

Time/UTC	Days
0430-0505	Mon-Fri
0430-0520	Sat/Sun
1855-2215	Daily

See BDXC's [Guide to External Services on Mediumwave](#) for TWR programme schedules for 1476 & 1566 kHz.

## 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.

### Domestic broadcasting on mediumwave

**Radio Botswana National Service (RB1)** 24h in Setswana and English

kHz	Location	kW
531	Maun, North-West District	50
558	Muchenje, North-West District	50
621	Selebi-Phikwe, Central District	100
648	Mopipi, Central District	50
693	Shakawe, North-West District	25
873	Ghanzi, Ghanzi District	50
945	Mmathethe, Southern District	25
972	Takatokwane, Kweneng District	50
1071	Jwaneng, Southern District	25
1215	Mahalapye, Central District	50
1350	Tshabong, Kgalagadi District	50



Shortwave transmissions from Radio Botswana were discontinued several years ago.

### International relays on mediumwave

#### USAGM Botswana Transmitting Station

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

**Transmitter site:** Selebi-Phikwe - 600 kW.

Time/UTC	Days	Station	Service	kHz
0300-0400	Daily	Voice of America	English	909
0400-0500	Mon-Fri	Voice of America	Studio 7	909
0400-0500	Sat/Sun	Voice of America	English	909
0500-0700	Daily	Voice of America	English	909
1600-1700	Daily	Voice of America	English	909
1700-1800	Daily	Voice of America	Studio 7	909
1800-2100	Daily	Voice of America	English	909

## 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.

<b>Times/UTC</b>	<b>Days</b>	<b>Service</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0400	Daily	Voice of America	English	Africa	4930 9775
0330-0430	Daily	Voice of America	RwandaRundi	Great Lakes	7460
0400-0500	Daily	Voice of America	English	Africa	4930 9775
0400-0500	Mon-Fri	VOA Studio 7	Eng/Sho/Nde	Zimbabwe	6175
0430-0530	Mon-Fri	Voice of America	RwandaRundi	Great Lakes	7460
0500-0600	Daily	Voice of America	English	Africa	4930 15580
0530-0630	Mon-Fri	Voice of America	French	Central & West Africa	13830
0600-0700	Daily	Voice of America	English	Africa	15580
0700-0730	Daily	Voice of America	Hausa	West Africa	15580
0830-0900	Wed/Sat	Voice of America	French	Central & West Africa	17700
1030-1100	Daily	Voice of America	Somali	Horn of Africa	15620
1100-1130	Sat	Voice of America	French	West & Central Africa	13750 15715
1400-1500	Daily	Voice of America	English	Africa	4930 15580 17885
1400-1500	Sat/Sun	Voice of America	RwandaRundi	Great Lakes	13630
1500-1530	Daily	Voice of America	Hausa	West Africa	15460
1500-1600	Daily	Voice of America	English	Africa	4930 7455
1530-1600	Mon-Fri	Voice of America	Hausa	West Africa	15460
1600-1630	Daily	Voice of America	English	Africa	4930 15580(ss) 17895
1600-1630	Daily	Voice of America	RwandaRundi	Great Lakes	11850
1630-1700	Fri	Voice of America	Portuguese	Southern Africa	13630
1630-1700	Daily	Voice of America	English	Africa	4930 15580 17895
1700-1730	Mon-Fri	Voice of America	Amharic	Horn of Africa	15580
1700-1800	Daily	Voice of America	Portuguese	Southern Africa	13630
1700-1800	Daily	VOA Studio 7	Eng/Sho/Nde	Zimbabwe	4930
1700-1730	Daily	Voice of America	English	Africa	15580(sat/sun) 17895
1730-1800	Daily	Voice of America	English	Africa	15580 17895
1800-1830	Mon-Fri	Voice of America	Portuguese	Southern Africa	13630
1800-2000	Daily	Voice of America	English	Africa	4930 15580
1830-1930	Daily	Voice of America	French	Central & West Africa	15730
1830-1900	Mon-Fri	Voice of America	RwandaRundi	Great Lakes	11850
1900-1930	Mon-Fri	Voice of America	Tigrinya	Horn of Africa	9485
1930-2030	Daily	Voice of America	French	Central & West Africa	12075
1930-2000	Mon-Fri	Voice of America	RwandaRundi	Great Lakes	9885
2000-2100	Daily	Voice of America	English	Africa	4930 6195 15580
2030-2100	Sat/Sun	Voice of America	French	Central & West Africa	12075
2100-2130	Mon-Fri	Voice of America	French	Central & West Africa	12075
2100-2200	Daily	Voice of America	English	Africa	6195
2130-2200	Mon-Fri	Voice of America	Bambara	West Africa	12075

## **Burkina Faso**

Radio Burkina is the state-run broadcasting service. It is on FM only now and was last reported on shortwave in 2010.

## **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

#### Voice of America Kirundi/Kinyarwanda Service

VOA programmes to the African Great Lakes region are in both Kirundi and Kinyarwanda.

**Transmitter sites:** Selebi-Phikwe, Botswana (bot) - 100 kW; Umm al-Rimam, Kuwait (kwt) - 250 kW;

Pinheira, São Tomé (sao) - 100 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>kHz</b>
0330-0430	Daily	7275-sao 7460-bot 9885-sao
0430-0530	Mon-Fri	7275-sao 7460-bot 9885-sao
1400-1500	Sat/Sun	9885-sao 13630-bot 15460-smg
1600-1630	Daily	11850-bot 13630-smg 15460-sao
1830-1900	Mon-Fri	11850-bot 13630-sao
1930-2000	Mon-Fri	9885-bot 11850-sao 12040-kwt

## Cameroon

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. Mediumwave stations currently active are listed below.

### Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
576	R Nacional de España	Las Palmas de Gran Canaria	20	24h in Spanish
621	R Nacional de España	Las Mesas, Tenerife	300	24h in Spanish
720	RNE Radio 5	Santa Cruz de Tenerife	10	24h in Spanish
747	RNE Radio 5	Las Palmas de Gran Canaria	25	24h in Spanish
837	COPE Las Palmas	Las Palmas de Gran Canaria	10	24h in Spanish
882	COPE Tenerife	La Laguna, Tenerife	20	24h in Spanish
1179	SER Tenerife	Santa Cruz de Tenerife	25	24h in Spanish

## Cape Verde

Radio Nacional (A Voz do Sao Vicente), the state broadcaster of Cape Verde. It was last reported on shortwave in late 1989. All current broadcasting in Cape Verde is on FM only.

## Central African Republic

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.

### Domestic broadcasting on shortwave

#### 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. Official broadcasts with a 1 kW shortwave transmitter started on 1 March 2007 on 6030 kHz with Christian programming and community health information. A second 1 kW shortwave transmitter donated by HCJB Global Voice was installed in April 2010 and went live on 1 April 2011 on 3390 kHz. Radio ICDI, as it was then known, was put off air in March 2013 when Selaka rebels advanced on Bangui, with their studio and equipment looted. The station was rebuilt and reactivated in May 2013. Radio Water for Good broadcasts its programmes in French, Sango, Bayaka and Fulfulde, communicating information for the prevention of AIDS, the cause of orphans, the maintenance of water pumps in the villages, hygiene and sanitation, as well as many community development topics. Radio Water for Good also relays programmes from Radio Ndeke Luka, established by the French-based Fondation Hirondelle and Network of Journalists for Human Rights.

**Transmitter site:** Boali, Ombella-M'Poko - 1 kW

Times/UTC	Days	Languages	kHz
0600-1100	Mon-Fri	French, Sango, Bayaka and Fulfulde	6030
1300-1500	Daily	French, Sango, Bayaka and Fulfulde	6030
1500-1700	Daily	Relay of Radio Ndeke Luka	6030

## Ceuta

All broadcasting in Ceuta is on FM with the exception of a single mediumwave channel used by Radiolé on 1584 kHz.

### Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
1584	Radiolé	Costa del Estrecho	5	24h in Spanish (relay of Radiolé network)

## Chad

ONRT (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 Ndjamena, 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)

**Transmitter sites:** Ascension Island (asc) - 250 kW; Woofferton, UK (wof) - 250/300 kW.

Times/UTC	Days	Languages	kHz
0500-0600	Daily	Kanuri, Kanembu, Buduma and French	7425-wof
0600-0700	Daily	Kanuri, Kanembu, Buduma and French	9535-wof
0700-0800	Daily	Kanuri, Kanembu, Buduma and French	9535-asc
1800-1900	Daily	Kanuri, Kanembu, Buduma and French	9635-wof
1900-2100	Daily	Kanuri, Kanembu, Buduma and French	12050-asc

## Comoros

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

## Democratic Republic of Congo

RTNC is the state broadcasting station in DRC with national and provincial services on FM only. It is believed that Radio Kahuzi in Bukavu is the sole remaining shortwave radio station operating in the DRC.

### Domestic broadcasting on 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 since 1991 on FM. A 1 kW shortwave transmitter was added in February 2001, reaching a larger portion of Central Africa. For further information about the radio station, go to the Radio Kahuzi blogspot at [radiokahuzi.blogspot.com](http://radiokahuzi.blogspot.com).

**Transmitter site:** Bukavu, South Kivua Province, Eastern DRC - 0.5 kW (and occasionally testing at 0.75 kW).

Times/UTC	Days	Languages	kHz
0600v-1800v	irregular	English, French, Lingala, Swahili and other local languages	6210v

## Republic of Congo

Radio Congo is the government-controlled broadcasting service of the Republic of Congo. Radio Congo operates during the daytime on shortwave but all other broadcasting in Congo is believed to be on FM only.

### Domestic broadcasting on shortwave

#### Telediffusion du Congo - Radio Congo

The National Network is aired primarily on FM but Radio Congo maintains a shortwave transmitter for daytime coverage.

**Transmitter site:** Brazzaville - 50 kW.

Times/UTC	Languages	kHz	Note
0500v-1830v	French and local languages	6115	Sign-on and sign-off times varies



# Djibouti

Radiodiffusion Television de Djibouti 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).

## International relays on mediumwave

### USAGM Djibouti Transmitting Station

The USAGM Djibouti Transmitting Station was opened in 2005. It currently carries Voice of America programmes in English, Somali and French.

**Transmitter site:** Dorale, Djibouti - 600 kW.

**Frequency:** 1431 kHz

#### **Voice of America programmes:**

Times/UTC	Days	Language	Programme
1530-1600	Daily	English	Learning English
1600-1700	Daily	English	VOA News, followed by Nightline Africa
1700-1800	Daily	Somali	News and features
1800-1830	Daily	English	VOA News, followed by Nightline Africa
1830-2030	Daily	French	News and features
2030-2100	Mon-Fri	English	South Sudan in Focus
2030-2100	Sat/Sun	French	Learning English
2100-2130	Mon-Fri	French	News, followed by Learning English
2100-2130	Sat/Sun	English	VOA News, followed by VOA Music Mix
2130-0300	Daily	English	VOA Music Mix (possibly with news on the hour)

# Egypt

The Egyptian National Media Authority (ENMA) is a government entity in charge of supervising all state-owned broadcasting media. It replaced the Egyptian Radio and Television Union (ERTU) in 2019.

## Domestic broadcasting on mediumwave

kHz	Service	Location	kW	Schedule (all in Arabic unless otherwise stated)
558	Educational Prgr	Cairo	100	1000-2200
603	Holy Qur'an Prgr	Sohag	50	24h
621	Voice of the Arabs	Batra	1000	24h
702	South Upper Egypt R.	Aswan	10	0400-2000, also relay Holy Qur'an Prgr 2000-2200
	El Wady El Gadid R.	El Kharga	10	0400-2000, also relay Holy Qur'an Prgr 2000-2200
711	Youth and Sports Prgr	Cairo	100	24h
756	South Upper Egypt R.	Qena	10	0400-2000, also relay Holy Qur'an Prgr 2000-2200
774	Middle East Comm Prgr	Abis	500	24h
819	General Prgr	Batrah	1000	24h
864	Holy Qur'an Prgr	Santah	500	24h
882	General Prgr	Matruh	10	24h
918	General Prgr	Bawti	10	24h
936	Om Kalthoum Prgr	Cairo	50	1500-2000
	General Prgr	Sallum	10	24h
981	North Upper Egypt R.	Asyut	10	0400-2000, also relay Holy Qur'an Prgr 2000-2200
	General Prgr	Abu Simbel	1	24h
	General Prgr	Baris	1	0300-0000
1008	Palestine/Hebrew Prgrs	El Arish	100	0600-1500 Palestine Prgr; 1500-2200 Hebrew Prgr
	North Upper Egypt R.	Faiyum	10	0400-2200
1071	Adults/Nile Valley Prgrs	Cairo	100	0300-1500 Adults Prgr; 1500-2100 Nile Valley Prgr
1080	General Prgr	El Minya	100	0300-0000
	General Prgr	Luxor	10	0300-0000
1161	Mid-Delta Prgr	Tanta	100	0400-2200
1179	General Prgr	Quena	10	0300-0000
1278	General Prgr	Aswan	10	0300-0000
1305	General Prgr	Asyut	10	0300-0000
1314	General Prgr	Nag Hamadi	1	0300-0000
	South Upper Egypt R.	Abu Simbel	1	0400-2000, also relay Holy Qur'an Prgr 2000-2200
1341	Songs/Cultural Prgr	Cairo	100	0500-1700 Nile R Netw; 1700-0300 Cultural Prgr
	Y&S/Educ/ HQ Prgrs	Bawiti	10	0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
	General Prgr	Siwa	10	24h
	General Prgr	Idfu	10	0300-0000

1350	General Prgr	El Qoseir	10	0300-0000
1368	General Prgr	El Kharga	10	0300-0000
1386	South Upper Egypt R. Matruh R.	Luxor Salum	10 10	0400-2000, also relay Holy Qur'an Prgr 2000-2200 0400-2000, also relay Holy Qur'an Prgr 2000-2200
1476	North Upper Egypt R.	El Minya	10	0400-2000, also relay Holy Qur'an Prgr 2000-2200
1503	Holy Qur'an Prgr	El Arish	25	24h
1575	Y&S/Educ/HQ Prgrs	El Qoseir	10	0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
1584	South Upper Egypt R. El Wady El Gadid R.	Idfu Baris	10 1	0200-2000, also relay Holy Qur'an Prgr 2000-2200 0400-2000, also relay Holy Qur'an Prgr 2000-2200
1593	Matruh R.	Matruh	10	0200-2000, also relay Holy Qur'an Prgr 2000-2200
1602	South Upper Egypt R. Matruh R.	Nag Hamadi Siwa	10 10	0200-2000, also relay Holy Qur'an Prgr 2000-2200 0200-2000, also relay Holy Qur'an Prgr 2000-2200

### External broadcasting on shortwave

**Radio Cairo** is the external service of Egyptian radio. Having not been heard on shortwave for a while, on 30 December 2019 Alan Roe received an email message from Radio Cairo's English to Europe service saying that their "technical problems" were over, although not stating if this meant a resumption of shortwave broadcasts. Since then there have been no broadcasts from Radio Cairo on shortwave, although frequencies have been registered with HFCC for B20:

Times/UTC	Language	kHz
1500-1600	Albanian	9440
1700-1900	Turkish	9940
1800-1900	Italian	9540
1900-2000	Russian	9510
1900-2000	German	9810
2000-2115	French	9885
2115-2245	English	9900
2215-2330	Portuguese	9545
2330-0045	Arabic	9650
0045-0200	Spanish	9900

### Mystery Egyptian music station

A station playing Egyptian music has been heard for a while now and is regularly monitored by Ivo Ivanov and Richard Langley. Past observations have confirmed it on 9400, 9550 or 9600 kHz around 0900 UTC.

## Equatorial Guinea

Radio Televisión de Guinea Ecuatorial (RTVGE) is the state-operated broadcasting service in Equatorial Guinea.

### Radio Bata

Radio Bata is a RTVGE station located on mainland Rio Muni. It's 50 kW shortwave transmitter is irregularly heard.

**Transmitter site:** Bata, Rio Muni - 50 kW.

**Languages:** Spanish, Bubi and Fang.

**Times/UTC**

**kHz**

0500v-1700v (sometimes heard on extended schedule to past midnight) 5005 - irregular

### 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) 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.

## Domestic broadcasting on mediumwave and shortwave

### Voice of the Broad Masses of Eritrea

#### **VOBME-Programme 1**

**Transmitter Site:** Asmara/Selea Daro - 100 kW on MW and 100 kW on SW; transmissions may be irregular.

Times/UTC	Days	Language	kHz
0250-0700	Daily	Tigrinya/Vernaculars	950 & 7140
1300-1830	Daily	Tigrinya/Vernaculars	950 & 7140

**Note:** Vernacular languages include Tigre and Kunama.

#### **VOBME-Programme 2**

**Transmitter Site:** Asmara/Selea Daro - 100 kW on MW and 100 kW on SW; transmissions may be irregular.

Times/UTC	Days	Language	kHz
0250-1000	Daily	Arabic/Vernaculars	840 & 7180
1430-2000	Daily	Arabic/Vernaculars	840 & 7180

**Note:** Vernacular languages include Afar, Amharic, Oromo, Saho, Bilen, Hedareb, Nara and Somali.

## Target broadcasts to Eritrea

### Voice of Yaikl (Dimtse Yiakle)

Yaikl (meaning "Enough") is an Eritrean diaspora movement campaigning for change in Eritrea. It has a weekly programme brokered by WRMI.

**Transmitter site:** Issoudun, France (iss) - 150 kW.

Times/UTC	Days	Language	kHz
1500-1600	Wed/Sat	Tigrinya	17545-iss

### Voice of Eritrean Lowlands

Voice of Eritrean Lowlands appears to support the Eritrean Lowland League, whose Facebook page shows some videos from early 2017 displaying the name "Voice of Eritrean Lowlands" (these may have been live streams from Stockholm, Sweden which started sometime in 2015). The start of the most recent series of broadcasts on shortwave appears to have been in April 2019, although there is no mention of this on the ELL website or on their Facebook and Twitter pages.

**Transmitter site:** Issoudun, France - 100 kW.

Times/UTC	Days	Language	kHz
1700-1730	Sat	Arabic	11875-iss

### Radio Erena - Radio Eritrea International

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

**Transmitter site:** Kostinbrod, Bulgaria (sof) - 50 kW.

Times/UTC	Days	Languages	kHz
1700-1800	Daily	Tigrinya/Arabic	9720-sof



# Ethiopia

The Ethiopian Broadcasting Corporation (Radio Ethiopia) is the state broadcasting service in Ethiopia. It operates a national service on FM and mediumwave, and several regional stations on mediumwave, shortwave and FM.

## Domestic broadcasting on mediumwave

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
684	Radio Ethiopia National Service	Metu, Oromiya	100	24h; local prgr afternoons until 1658
801	Amhara State Regional Radio	Bahir Dar, Amhara	100	0300-0600, 0900-1100, 1400-1900
828	Radio Ethiopia National Service	Arba Minch, SNNPR	100	24h
837	Radio Oromiya	Robe, Oromiya	100	noted 24h in Oct/Nov 2019
855	Radio Ethiopia National Service	Harar, Harari	100	0245-2000/2100 (irregularly 24h); also includes prgr at 1600-1658 not in Amharic, maybe Tigrinya
873	Radio Ethiopia National Service	Addis Ababa	100	24h
891	Radio Ethiopia National Service	Dese, Amhara	100	0245-2000/2100
918	Radio Wegahta	Mekele, Tigray	100	current status subject to confirmation
954	Sidama Community Radio	Irgalem, SNNPR	2.5	Stefan Schliephacke reports that they are not heard in the mornings in Uganda, presumably due to late sign on; fade in around 1500; sign off 1800v
972	Radio Ethiopia National Service	Robe, Oromiya	100	24h
1035	Radio Oromiya	Adama, Oromiya	10	noted 24h in Oct/Nov 2019
1044	Radio Ethiopia National Service	Mekele, Tigray	100	0245-2000/2100
1053	Radio Oromiya	Nekemte, Oromiya	100	noted 24h in Oct/Nov 2019
1080	Fana Broadcasting Corporation	Addis Ababa	3	0300-1900
1215	Gimbi Education Radio	Gimbi, Oromia	10	Reported by Stefan Schliephacke in unidentified Ethiopian language, not Amharic; not heard in the mornings presumably due to late sign-on; fade-in 1530, heard until 2000v
1359	Voice of Tigray Revolution	Mekele, Tigray	100	0300-2000
1485	Radio Ethiopia National Service	Negele, Oromiya	10	0245-2000/2100

The details above have been updated based on Stefan Schliephacke's observations in his monitoring report from Uganda that appeared in the December 2019 edition of MWC's "Medium Wave News".

## Ethiopian regional stations on mediumwave and shortwave

### Voice of the Tigray Revolution (Dimtsi Woyane Tigray)

Voice of the Tigray Revolution is the official broadcasting station of the Tigray Region.

**Transmitter sites:** MW: Mek'ele, Tigray - 100 kW; SW: Addis Ababa (Geja) - 100 kW.

<b>Times/UTC</b>	<b>Languages</b>	<b>kHz</b>
0255-2000(1730ss)	Tigrinya and Afar	1359 5950

### Radio Oromiyya

Radio Oromiyya is the official broadcasting station of the Oromiyya Region.

**Transmitter sites:** MW: Robe, Oromiya - 100 kW (on 837 kHz); Adama, Oromiya - 10 kW (on 1035 kHz); Nekemte, Oromiya - 100 kW (on 1053 kHz); SW: Addis Ababa (Geja) - 100 kW.

<b>Times/UTC</b>	<b>Language</b>	<b>kHz</b>
0300-0600, 0900-1100, 1530-2000	Oromo	837 1035 1053 6030

### Amhara Regional State Radio

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

**Transmitter site:** MW: Bahir Dar, Amhara - 100 kW; SW: Addis Ababa (Geja) - 100 kW.

<b>Times/UTC</b>	<b>Languages</b>	<b>kHz</b>
0255-0600, 0900-1100, 1400-2100	Amharic, Awinya, Himtinya and Oromo	801 6090

### 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.

**Transmitter site:** Addis Ababa - MW: 3 kW; SW: 100 kW; also operates throughout Ethiopia on FM.

<b>Times/UTC</b>	<b>Languages</b>	<b>kHz</b>
0255-2100	Amharic, Oromo, Somali and Afar	1080 6110

## Target broadcasts to Ethiopia

### Raadiyoo Warra Wangeelaa

Raadiyoo Warra Wangeelaa is a weekly Oromo Gospel radio programme to the Horn of Africa.

**Transmitter site:** Kostinbrod, Bulgaria (sof) - 150 kW.

Times/UTC	Days	Language	kHz
1500-1530	Sat	Oromo	15515-sof

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

ONM-ABO was first heard in June 2020. It consists of a special IRRS Special Covid-19 programme.

**Transmitter site:** Kostinbrod, Bulgaria (sof) - 250 kW.

Times/UTC	Days	Language	kHz
1630-1730	Mon/Wed/Sat	Oromo	9555-sof / 11985-sof (both registered with HFCC)



### Voice of Oromo Liberation (SBO)

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 around the world.

**Transmitter site:** Nauen, Germany (nau) - 100 kW.

Times/UTC	Days	Language	kHz
1700-1730	Wed/Fri/Sun	Oromo	9610-nau
1730-1800	Wed	Amharic	9610-nau

## International broadcasts to Eritrea and 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.

**Transmitter sites:** Santa Maria di Galeria, Vatican (smg) - 250 kW; A'Seela, Oman (sla) - 125 kW; Dhabbaya, UAE (dha) - 250 kW.

Times/UTC	Days	Language	kHz
1730-1750	Mon-Fri	Amharic	7335-smg 9600-sla 12095-dha
1750-1810	Mon-Fri	Oromo	7335-smg 9600-sla 12095-dha
1810-1830	Mon-Fri	Tigrinya	7335-smg 9600-sla 12095-dha
1830-1850	Mon-Fri	Amharic	7335-smg 9600-sla
1850-1910	Mon-Fri	Oromo	7335-smg 9600-sla
1910-1930	Mon-Fri	Tigrinya	7335-smg 9600-sla

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

### Voice of America

**Transmitter sites:** Dhabbaya, UAE (dha) - 250 kW; Umm al-Rimam, Kuwait (kwt) - 250 kW; Lampertheim, Germany (lam) - 100 kW; Selebi-Phikwe, Botswana (bot) - 100 kW; Pinheira, São Tomé (sao) - 100 kW; Woofferton, UK (wof) - 300 kW.

Times/UTC	Days	Language	kHz
1700-1730	Mon-Fri	Amharic	12040-sao 15580-bot
1730-1800	Mon-Fri	Oromo	9485-wof 12040-lam 13765-kwt
1800-1900	Daily	Amharic	9485-wof 12040-dha 13765-kwt
1900-1930	Mon-Fri	Tigrinya	9485-bot 12040-dha 13765-kwt

### Deutsche Welle

**Transmitter sites:** Issoudun, France (iss) - 500 kW.

Times/UTC	Days	Language	kHz
1600-1700	Daily	Amharic	11830-iss 15275-iss

## Gabon

Radio Television Gabonaise (RTG) is the state broadcasting service in Gabon. It was last heard on shortwave in 2008. The Provincial Network may still operate on mediumwave (Oyem on 549 kHz, 20 kW) but this is subject to confirmation. Otherwise all broadcasting in Gabon is now on FM.

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

The 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 (RTG) is the state broadcasting organistaion of Guinea. Radio Guinée operates on FM in Guinea and also on shortwave to a wider audience.

### Radio Guinée

Having been inactive on shortwave since at least September 2012, Radio Guinée made a surprise one-off appearance on shortwave 9650 kHz on the evening of 15 April 2016. A few months later on 5 August 2016, Radio Guinée reappeared and has been heard since on 9650 kHz, often with excellent reception.

**Transmitter site:** Conakry-Sinfonia - 50 kW.

Times/UTC	Language	kHz
0600-0000	French/local languages	9650

**Note:** News in English is broadcast on Sundays at 1830-1900.

## Guinea-Bissau

Radiodifusão Nacional da República de Guiné-Bissau is the state broadcasting service in Guinea-Bissau operating on FM only. It was last reported on shortwave in 1987.

## Ivory Coast

Radiodiffusion-Télévision Ivoirienne 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 is the state broadcasting service in Kenya. KBC operates services on mediumwave and FM. The last KBC service on shortwave was discontinued in 2006. All private broadcasting in Kenya is also on FM.

### Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
567	KBC Radio Taifa	Garissa	50	0155v-2055v in Swahili
639	KBC Radio Taifa	Garissa	50	0155v-2055v in Swahili
675	KBC Radio Taifa	Marsabit	50	0155v-2055v in Swahili; blank carrier sometimes heard
1233	KBC Radio Taifa	Marsabit	50	0155v-2055v in Swahili; blank carrier sometimes heard
1386	KBC Radio Taifa / KBC English Sce	Maralal	100	daytime in Swahili; overnight irregularly in English; this transmitter is often unstable, i.e. blank carrier with no modulation

**Notes:** Stefan Schliephacke observed that KBC sign-on times vary, sometimes as early as 0150 to 0202. Radio Taifa and the English Service start without the interval signal and the National Anthem is heard irregularly at 0200. Sign-off times vary from as early as 2055 to 2102, switching off abruptly with a programme in progress, no final announcement heard or National Anthem played (update based on Stefan Schliephacke's observations in his monitoring report from Uganda that appeared in the December 2019 edition of MWC's "Medium Wave News").



## Lesotho

The Lesotho National Broadcasting Service is the state broadcasting service in Lesotho. It operates two services on mediumwave. LNBS was last heard on shortwave in early 2004. All other broadcasting in Lesotho is on FM only.

### Domestic broadcasting on mediumwave

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
639	LNBS - Radio Lesotho	Lancer's Gap, Maseru	100	24h in Sesotho and English
891	The Ultimate Radio	Lancer's Gap, Maseru	100	24h in English (with youth-orientated prgrs)
1197	The Ultimate Radio	Lancer's Gap, Maseru	100	24h in English (with youth-orientated prgrs)

## Liberia

Liberia Broadcasting System (LBS) LBS is the public broadcasting service in Liberia. It currently operates on FM only. All private broadcasting in Liberia is also on FM, with the exception of Radio ELWA who are also on shortwave.

### Regional broadcasting on shortwave

#### Radio ELWA

Radio ELWA is a Christian radio station in Monrovia. It currently broadcasts on 94.5 FM and 6050v kHz.

**Transmitter site:** Monrovia - 1 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
0530-1000	Daily	English/local languages	6050v
1700-2230	Daily	English/local languages	6050v

**Note:** times of operation are subject to confirmation.

## Libya

The Libyan Radio and Television Network is the replacement for the Gaddafi-era Libyan Jamahiriya Broadcasting. All Libyan National Radio stations, as well as private and factional radio stations, are now on FM.

A few mediumwave transmitters continued after the fall of the Gaddafi regime, with the last on air being 675 kHz (Benghazi) and 1053 kHz (Tripoli) with programmes from Libyan National Radio. Neither has been confirmed recently.

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

### Domestic broadcasting on mediumwave and shortwave

#### 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).

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0500	Daily	Malagasy/French	Domestic	630 5010v
0500-1500	Daily	Malagasy/French	Domestic	630 6135
1500-1900	Daily	Malagasy/French	Domestic	630 5010v (5010v is sometimes on-air prior to 1500)
1900-2200	Sat/Sun	Malagasy/French	Domestic	630 5010v



## 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**

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Programme</b>	<b>Target</b>	<b>kHz</b>
0300-0400	Daily	Spanish	La Voz Alegre	South America	6180
0400-0500	Daily	English	African Pathways Radio	Central Africa	11825
1800-1900	Daily	Russian	Your New Life Station	Eastern Europe	9880
1900-2000	Daily	Russian	Your New Life Station	Eastern Russia	9845
2000-2100	Daily	Arabic	Radio Feda	North Africa	13710
2100-2200	Daily	Chinese	The Light of Life	Western Europe	11610

#### **MWV Transmitter 3**

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Programme</b>	<b>Target</b>	<b>kHz</b>
0300-0400	Daily	English	Your New Life Station	South Asia	13760
0400-0500	Daily	Chinese	The Light of Life	East Asia	17530
1800-1900	Daily	English	African Pathways Radio	West Africa	13670
1900-2000	Daily	Arabic	Radio Feda	North Africa	13670
2000-2100	Daily	English	African Pathways Radio	West Africa	11965
2100-2200	Daily	Portuguese	Palavra Alegria	South America	9765

### Madagascar Global Relay Station

The relay station at Talata-Volonondry is owned by Malagasy Global Business S.A.

**Transmitter site:** Talata-Volonondry - 100/125/250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0200-0230	Thu	Bible Voice	English	South Asia	11790
0300-0400	Daily	AWR	Malagasy	Madagascar	6065
0315-0400	Daily	NHK Radio Japan	Swahili	East Africa	9560
0330-0400	Daily	Radio Tamazuj	Sudanese languages	Sudan	6005
0400-0430	Daily	BBC	Somali	Horn of Africa	11995
0400-0500	Daily	BBC	English	East Africa	9915
0430-0500	Daily	Radio France Int.	Swahili	East Africa	9665
0430-0500	Daily	Radio Dabanga	Sudanese languages	Sudan	11650
0500-0600	Daily	BBC	English	Southern Africa	12095
0530-0600	Daily	Radio France Int.	Swahili	East Africa	11790
0530-0600	Daily	NHK Radio Japan	French	Central Africa	13840
0600-0800	Daily	BBC	English	Southern Africa	13860
0600-0800	Daily	BBC	English	East Africa	15400
1100-1130	Daily	BBC	Somali	Horn of Africa	17745
1200-1300	Daily	Radio France Int.	French	Africa	21690
1230-1245	Sun	Bible Voice	Indonesian	South-East Asia	21480
1300-1400	Daily	AWR	Vietnamese	South-East Asia	17770
1400-1430	Daily	AWR	Sinhalese	South Asia	15255
1400-1500	Daily	AWR	Malagasy	Madagascar	6055
1400-1500	Daily	BBC	Somali	East Africa	12095
1430-1500	Daily	NHK Radio Japan	Hindi	South Asia	15720
1500-1530	Daily	AWR	Panjabi	South Asia	15150
1500-1600	Daily	Radio Tamazuj	Sudanese languages	Sudan	11705
1530-1600	Daily	AWR	Malayalam	South Asia	15680
1600-1615	Sat	Vatican Radio	Swahili	East Africa	11935
1600-1630	Sun-Fri	Vatican Radio	Swahili	East Africa	11935
1600-1630	Daily	AWR	English	South Asia	17730
1600-2000	Daily	BBC	English	Central Africa	7445
1615-1630	Sat	Vatican Radio	Somali	Horn of Africa	11935
1630-1700	Daily	Vatican Radio	English	Southern Africa	11935
1630-1700	Mon-Fri	BBC	RwandaRundi	Great Lakes	15420
1700-1728	Daily	AWR	Swahili	East Africa	11720
1700-2000	Daily	BBC	English	Central Africa	7265
1730-1800	Daily	NHK Radio Japan	Swahili	East Africa	13730
1800-1900	Sat	Radio Itahuka	Kinyarwanda	Great Lakes	15420
1900-2000	Daily	AWR	Arabic	N Africa/M East	11985
2000-2030	Daily	AWR	French	North Africa	9515
2000-2030	Daily	AWR	Mossi	West Africa	17570
2030-2100	Daily	NHK Radio Japan	French	Central/West Africa	9855
2030-2100	Daily	AWR	Yoruba	West Africa	11985
2100-2130	Daily	AWR	Nigerian Pidgin	West Africa	11985



# Malawi

## Malawi Broadcasting Corporation

The Malawi Broadcasting Corporation is the state broadcasting station in Malawi. It operates on MW and FM. MBC was last heard on shortwave in 2002.

### Domestic broadcasting on mediumwave

#### MBC Radio 1

**schedule:** 24h in English and Chichewa.

<b>kHz</b>	<b>Location</b>	<b>kW</b>	<b>Times</b>
540	Mangochi, Southern Region	10	0200-2200, subject to confirmation
558	Karonga, Northern Region	10	24h
594	Lilongwe, Central Region	30	current status subject to confirmation
756	Blantyre, Southern Region	10	24h
1404	Chitipa, Northern Region	10	24h
1422	Matiya, Southern Region	10	0200-2200, subject to confirmation

The details above have been updated based on Stefan Schliephacke's observations in his monitoring report from Uganda that appeared in the December 2019 edition of MWC's "Medium Wave News".

# Mali

Office de Radio et Télévision du 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.

### Domestic broadcasting on shortwave

#### Radio Mali

Radio Mali currently operates on FM and shortwave.

**Transmitter site:** Bamako - 100 kW.

<b>Times/UTC</b>	<b>Languages</b>	<b>kHz</b>
0555-0800	French, Bambara and local languages	5995
0800-1800	French, Bambara and local languages	9635
1800-0000	French, Bambara and local languages	5995 includes News in English: 1850-1905 UTC on Saturdays.

### International relays on shortwave

#### China Radio International Relay Station

China Radio International has used two 100 kW shortwave transmitters belonging to ORTM since 1988 for relays to Africa in various languages. The transmitters appear to have been refurbished and reactivated in March 2019.

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

<b>Times/UTC</b>	<b>Language</b>	<b>Target</b>	<b>Freq/kHz</b>
0800-0900	Hausa	Africa	7295
1300-1400	French	Africa	13685 17880
1400-1500	English	Africa	13685 17630
1500-1600	English	Africa	13685 17630
1600-1700	Arabic	Africa	15125 17880
1700-1800	Swahili	Africa	13645 15125
1800-1830	Hausa	Africa	11640 13645
1830-1930	Arabic	Africa	11640 13685
1930-2000	Portuguese	Africa	11640 13630
2000-2100	English	Africa	11640 13630
2100-2130	English	Africa	11640 13630
2130-2230	French	Africa	11975 13630
2230-2300	Chinese	Africa	11975 15505
2300-0000	Chinese	Africa	7295 11975

### Target broadcast to Mali

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

Mali Kura was launched by VOA on 4 March 2013 in response to the situation in Mali.

**Transmitter sites:** Umm al-Rimam, Kuwait (kwt) - 250 kW; Pinheira, São Tomé (sao) - 100 kW; Selebi Phikwe, Botswana (bot) - 100 kW); Ascension Island (asc) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
2130-2200	Mon-Fri	Bambara	5885-kwt 5995-sao 12075-bot 15120-asc

## Mauritania

Radio Mauritanie is the state-operated broadcasting service. It currently operates on FM only.

## Mauritius

Mauritius Broadcasting Corporation (MBC) is the public broadcasting service in Mauritius and operates two services on mediumwave and FM, whilst a 24 hour relay of the BBC World Service is also aired on mediumwave.

### Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
684	RM1, Radio Maurice	Malherbes	10	24h; French
819	RM2, Radio Mauritius	Malherbes	10	24h in Indian languages
1575	BBC World Service relay	Bigara	2	24h in English

## Mayotte

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

## Melilla

All broadcasting in the Spanish enclave of Melilla is on FM with the exception of RNE and SER which can be heard on 972 and 1475 kHz mediumwave respectively.

### Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
972	RNE Radio Nacional	Melilla	5	24h in Spanish
1485	SER, Radio Melilla	Melilla	1	24h in Spanish

## Morocco

Société Nationale de Radiodiffusion et de Télévision (SNRT) is the public broadcasting service in Morocco. SNRT's Radio Marocaine operates on FM throughout the country with several mediumwave transmitters on air for nationwide coverage. Shortwave transmissions have been discontinued with them last being reported in mid-2012.

### Domestic broadcasting on longwave and mediumwave

kHz	Station	Location	kW	Schedule
540	SNRT National Network	Sidi Bennour	600	24h in Arabic, including Tangier regional prgrs
595	SNRT National Network	Oujda	50	24h in Arabic, including Oujda regional prgrs
612	SNRT National Network	Sebaâ-Aioun	300	24h in Arabic, including Fès and Meknès regional prgrs
711	SNRT Regional Service	Laâyoune	300	Laâyoune and Dakhla regional prgrs
936	SNRT National Network	Agadir	400	24h in Arabic, including regional prgrs in Berber languages

### International broadcasting on longwave

#### 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).

**Transmitter site:** Nador - 250 kW.

Times/UTC	Languages	kHz
24 hours	Arabic and French	171



## Mozambique

Rádio Moçambique is the state broadcaster of Mozambique. RM currently broadcasts on mediumwave and FM. All shortwave transmitters were officially decommissioned in 2001.

### Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule/notes
738	Rádio Moçambique Antena Nacional	Maputo	50	0240-2200* in Portuguese
765	Rádio Moçambique Nampula	Nampula	50	0240-2200 in Portuguese/local languages
810	Rádio Moçambique Gaza	Xai-Xai	50	0240-2200 in Portuguese/local languages
873	Rádio Moçambique Sofala	Beira	50	0240-2200 in Portuguese/local languages
963	Rádio Moçambique Tete	Tete	50	0240-2200* in Portuguese/local languages
1008	Rádio Moçambique Maputo	Maputo	50	24h in Portuguese/local languages
1026	Rádio Moçambique Manica	Chimoio	50	0240-2200* in Portuguese/local languages
1179	Rádio Moçambique Zambezia	Quelimane	50	0240-2200* in Portuguese/local languages
1206	Rádio Moçambique Inhambane	Inhambane	50	0240-2200* in Portuguese/local languages
1224	Rádio Moçambique Cabo Delgado	Pemba	50	0240-2200* in Portuguese/local languages
1260	Rádio Moçambique Niassa	Lichinga	50	0240-2200 in Portuguese/local languages

\* Stefan Schliephacke reports that these transmitters are on extended schedule at weekends with the Night Programme.

## Namibia

Namibia Broadcasting Corporation (NBC) is the state broadcasting service and operates several services on FM throughout 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.

### Domestic broadcasting on mediumwave

The following is a list of Nigerian mediumwave stations that may be on air, subject to confirmation. Most will operate between 0400/0430 and 2300/2305 with some exceptions.

kHz	Station	Location	kW
540	Sokoto State Media Corporation, Rima Radio	Sokoto, Sokoto State	50
549	Radio Kano	Kano	50
	Ekiti State Broadcasting Corporation	Ado, Ekiti State	25
567	Imo Broadcasting Corporation	Owerri, Imo State	50
576	FRCN Radio Nigeria Ibadan	Moniya, Oyo State	25
594	FRCN Radio Nigeria Kaduna, Channel 1	Jaji, Kaduna State	200
603	Borno Radio & Television Corporation	Maiduguri, Borno State	50
	Ogun State Broadcasting Corporation	Abeokuta, Ogun State	25
612	Kwara State Broadcasting Corporation	Ilorin, Kwara State	50
639	Kaduna State Media Corporation	Katabu, Kaduna State	25
657	FRCN Radio Nigeria Ibadan	Ibadan, Oyo State	100
729	Kano State Broadcasting Corporation, Prgr 1	Jogana, Kano State	50
747	Nagarta Radio, Voice of Unity	Katabu, Kaduna State	60
756	Oyo State Broadcasting Corporation	Ibadan, Oyo State	100
801	Yobe State Broadcasting Corporation	Damaturu, Yobe State	20
917	Radio Gotel	Yola, Adamawa State	50
918	Radio Benue	Makurdi, Benue State	50
945	Radio Kebbi	Birnin Kebbi, Kebbi State	10
972	Katsina State Radio	Dutsin-Ma, Katsina State	25

990	Bauchi Radio Corporation, Programme 1	Bauchi, Bauchi State	40
1008	Osun State Broadcasting Corporation	Iree, Osun State	10
	Niger State Media Corporation	Kontagora, Niger State	10
1026	Jigawa Broadcasting Corporation	Dutse, Jigawa State	25
1107	FRCN Radio Nigeria Kaduna, Channel 2	Jaji, Kaduna State	25
1134	Cross River State Broadcasting Corporation	Ogoja, Cross River State	10
1224	Plateau Radio & TV Corporation, Radio Plateau	Jos, Plateau State	50
1269	Taraba State Broadcasting Corp., Radio Taraba	Jalingo, Taraba State	10
1440	Adamawa Broadcasting Corporation	Yola, Adamawa State	10

### 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 sites:** Abuja (Lugbe) - 250 kW.

**Frequencies:** VON's long-established frequencies are 7255, 9690, 11770 and 15120 kHz and any may be used as an alternative to those currently scheduled.

Times/UTC	Language	kHz
0600-0700	Hausa	7255
0700-0800	Fulfulde	7255
0800-1000	English	7255
1000-1030	French	7255
1030-1045	Yoruba	7255
1045-1100	Igbo	7255
1500-1530	Swahili	11769.9
1530-1600	Arabic	11769.9
1600-1615	Yoruba	11769.9
1615-1630	Igbo	11769.9
1630-1900	English	11769.9
1900-2000	Fulfulde	11769.9
2000-2100	Hausa	11769.9



#### 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 currently on 11769.9 kHz

**Transmitter sites:** Abuja (Lugbe) - 250 kW.

Times/UTC	Language	kHz
1500-1530	Swahili	15120-drm
1530-1600	Arabic	15120-drm
1600-1615	Yoruba	15120-drm
1615-1630	Igbo	15120-drm
1630-1900	English	15120-drm
1900-2000	Fulfulde	15120-drm
2000-2100	Hausa	15120-drm

### Target broadcasts to Nigeria and neighbouring areas

#### 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.

**Transmitter site:** Nauen, Germany (nau) - 125 kW; Issoudun, France (iss) - 100 kW.

Times/UTC	Days	Language	kHz
0700-0800	Daily	Kanuri	13590-nau
1800-1900	Daily	Kanuri	9850-iss

#### 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.

**Transmitter Site:** Issoudun, France - 150 kW.

Times/UTC	Days	Language	kHz
0700-0800	Daily	Hausa	13710-iss
1600-1700	Daily	Hausa	15285-iss

## Réunion

Réunion Première is the public radio/television broadcaster owned by France Télévisions for the overseas department of Réunion. ORTF had operated a 4 kW 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.

## Rodrigues

Mauritius Broadcasting Corporation operates RM1 Radio Maurice on the autonomous outer island of Rodrigues that belongs to Mauritius.

### Domestic broadcasting on mediumwave

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1206	RM1 R. Maurice	Citronelle	1	24h in French, English & Rodriguan Creole; relay MBC English 0500-0515

## Rwanda

Radio Rwanda is the state radio station in Rwanda. It had broadcast on 6055 kHz from a 100 kW 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.

**Transmitter site:** Talata-Volonondry, Madagascar (mdc) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
1800-1900	Sat	Kinyarwanda	15420-mdc

## Saint Helena

Radio St Helena (MW 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 and the last was on 14 November 2009. A 2010 event was planned, but severe technical problems with the shortwave antenna tower, followed by damage to the beam antenna, meant that it had to be cancelled and no further broadcasts have taken place since.

## 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.

### Domestic broadcasting on mediumwave

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
945	Radio Nacional de São Tomé e Príncipe	Pinheira, São Tomé	20	24h in Portuguese and Crioulo.

### International relays on mediumwave

#### USAGM São Tomé Transmitting Station

The USAGM São Tomé Transmitting Station at Pinheira was opened in 1992 and relays Voice of America programmes to Central and West Africa.

**Transmitter site:** Pinheira, São Tomé - 600 kW.

<b>Time/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>kHz</b>
0300-0430	Daily	Voice of America	English	1530
0500-0530	Daily	Voice of America	Hausa	1530
0530-0600	Mon-Fri	Voice of America	French	1530
0600-0700	Daily	Voice of America	English	1530
1600-1700	Daily	Voice of America	English	1530
1700-1800	Daily	Voice of America	Portuguese	1530
1830-2000	Daily	Voice of America	French	1530
2000-2200	Daily	Voice of America	English	1530

## International relays on shortwave

### USAGM São Tomé Transmitting Station

Shortwave transmitters at the The USAGM Transmitting Station at Pinheira became operational in 1996.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Service</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0400	Daily	Voice of America	English	Africa	6080
0330-0430	Daily	Voice of America	Rwanda-Rundi	Great Lakes	7272 9885
0400-0500	Daily	Voice of America	English	Africa	4960 6080 7255
0430-0500	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes	7275 9885
0500-0530	Daily	Voice of America	Hausa	West Africa	4960 6020
0500-0600	Daily	Voice of America	English	Africa	6080
0530-0630	Mon-Fri	Voice of America	French	Africa	4960 6020
0600-0700	Daily	Voice of America	English	Africa	6080 9550
0600-0700	Daily	BBC	English	Southern Africa	9410
0630-0700	Daily	Deutsche Welle	Hausa	West Africa	7235
0700-0730	Daily	Voice of America	Hausa	West Africa	4960
0700-0800	Daily	BBC	English	West/Central Africa	7325 9410 12095
0830-0900	Wed/Sat	Voice of America	French	Africa	12030
1100-1130	Sat	Voice of America	French	Africa	12030
1300-1400	Daily	Deutsche Welle	Hausa	West Africa	9830 11980
1400-1500	Sat/Sun	Voice of America	Rwanda-Rundi	Great Lakes	9885
1500-1530	Daily	Voice of America	Hausa	West Africa	9575 11850
1500-1600	Daily	Voice of America	English	Africa	17895
1530-1600	Mon-Fri	Voice of America	Hausa	West Africa	9575 11850
1600-1630	Daily	Voice of America	English	Africa	6080
1600-1630	Daily	Voice of America	Rwanda-Rundi	Great Lakes	15460
1630-1700	Sat/Sun	Voice of America	English	Africa	6080
1630-1700	Mon-Fri	Voice of America	Sudanese English	South Sudan	15180
1630-1700	Daily	Voice of America	Swahili	East Africa	15460
1630-1700	Fri	Voice of America	Portuguese	Southern Africa	17655
1700-1730	Mon-Fri	Voice of America	Amharic	Horn of Africa	12040
1700-1730	Daily	Voice of America	English	Africa	6080
1700-1800	Daily	Voice of America	Studio 7	Zimbabwe	13860 15460
1730-1800	Daily	Voice of America	English	Africa	6080 11850
1800-1900	Mon-Fri	Voice of America	Studio 7	Zimbabwe	13860 15460
1800-1900	Daily	Deutsche Welle	Hausa	West Africa	9830
1830-1900	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes	13630
1900-2000	Daily	Voice of America	English	Africa	13590
1900-2000	Daily	BBC	English	Central Africa	6195
1930-2000	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes	11850
1930-2030	Daily	Voice of America	French	Africa	11900
2030-2100	Sat/Sun	Voice of America	English	Africa	4960
2030-2100	Mon-Fri	Voice of America	Hausa	West Africa	4940 6040 11850 13750
2030-2100	Sat	Voice of America	Hausa	West Africa	6050 11850 13750
2030-2100	Sun	Voice of America	French	West Africa	11900
2100-2130	Mon-Fri	Voice of America	French	West Africa	5995
2100-2200	Daily	Voice of America	English	Africa	6195
2130-2200	Mon-Fri	Voice of America	Bambara	West Africa	5995

## Senegal

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. It operates on mediumwave and FM.

**Transmitter site:** Victoria, Mahé - 10 kW

<b>Times/UTC</b>	<b>Language</b>	<b>kHz</b>
0200-1800	Creole, English and French	1368

# Sierra Leone

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. 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.

## Domestic broadcasting in South West State of Somalia

The South West State of Somalia, also known as the Interim South West Administration, is an autonomous region in southwestern Somalia. It was originally founded by Hasan Muhammad Nur Shatigadud, leader of the Rahanweyn Resistance Army (RRA) on 1 April 2002. After its dissolution in 2005, the territory was re-established in November 2009 as an official Federal Member State of Somalia.

## Domestic broadcasting in Puntland

Puntland is a self-declared autonomous state in northeast Somalia. Unlike neighbouring Somaliland, it does not seek outright independence from 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 7110 kHz, where it was first heard in June 2020, having moved from 7750 kHz. Its programming in the past has also included relays of BBC Somali.

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

Times/UTC	Language	kHz
0300-0600 and 0900-1930	Somali	7110-USB

## Target broadcasts to Somalia

### 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.

**Transmitter site:** Dhabbaya, UAE (dha) - 250 kW.

Times/UTC	Days	Language	kHz
1200-1300	Daily	Somali	17845

### 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. The station's headquarters are located in Washington, USA and it broadcasts to the entire country on shortwave and on mediumwave from Djibouti. In addition, VOA broadcasts in English and Somali from its own FM transmitters in some cities and towns.

**Transmitter sites:** MW: Dorale, Djibouti (dji) - 600 kW; SW: Selebi-Phikwe, Botswana (bot) - 100 kW; Dhabbaya, UAE (dha) - 250 kW; Umm Al-Rimam, Kuwait (kwt) - 250 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Udon Thani, Thailand (udo) - 250 kW;

Times/UTC	Days	Language	kHz
0330-0400	Daily	Somali	9510-smg 9825-lam 11875-dha
1030-1100	Daily	Somali	13580-kwt 15620-bot 17600-udo
1300-1400	Daily	Somali	15620-smg 17600-kwt
1600-1630	Sat/Sun	Somali	1431-dji
1600-1700	Daily	Somali	11610-wof 11905-lam
1700-1800	Daily	Somali	1431-dji 11610-wof 11905-lam

## **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.

**Transmitter sites:** Dhabbaya, UAE (dha) - 250 kW; Talata Volonondry, Madagascar (mdc) - 250 kW; Tashkent, Uzbekistan (tac) - 100 kW; Kostinbrod, Bulgaria (sof) - 250 kW

Times/UTC	Days	Language	Target	kHz
0400-0430	Daily	Somali	Horn of Africa	11995-mdc 13790-dha
1100-1130	Daily	Somali	Horn of Africa	15420-dha 17745-mdc
1130-1500	Sat	Somali	Horn of Africa	15420-dha 17745-dha
1400-1500	Daily	Somali	Horn of Africa	12095-mdc 15420-sof 17745-dha
1500-1700	Sat	Somali	Horn of Africa	12095-sof 1540-dha
1700-2000	Sat	Somali	Horn of Africa	7335-sof 9465-dha

## **SNN Radio**

SNN Radio is a programme produced in Minneapolis, USA (Mauno Ritola, WRTH)

**Transmitter site:** Issoudun, France (iss) - 150 kW.

Times/UTC	Days	Language	Target	kHz
1530-1545	Mon/Wed/Fri	Somali	Horn of Africa	to be confirmed for B20
1530-1600	Sat	Somali	Horn of Africa	to be confirmed for B20

## **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** 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**

The South African Broadcasting Corporation (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.

### **Domestic broadcasting on mediumwave**

kHz	Station	Location	kW	Schedule
567	Cape Talk	Cape Town, Western Cape	25	24h in English
576	Radio Veritas	Meyerton, Gauteng	50	24h in English/Afrikaans/Vernaculars
657	Radio Pulpit/Radio Kansel	Meyerton, Gauteng	50	24h in English/Afrikaans
702	LM Radio	Welgedacht, Gauteng	50	24h in English
729	Cape Pulpit	Cape Town, Western Cape	25	24h in English/Afrikaans/Zulu/Xhosa
828	Magic 828 AM	Klipheuwel, Cape Town, W Cape	25	24h in English
846	Umhlobo Wenene FM	Komga, Eastern Cape	50	24h in Xhosa
1269	ArrowLine Chinese Radio	Edenvale, Gauteng	2	24h in Chinese
1368	Eden Radio AM 1368	Bedfordview, Gauteng	1	24h in English
1422	Hellenic Radio	Bedfordview, Gauteng	1	24h in Greek/English
1440	Radio Pulpit	Kameeldrift, Gauteng	10	DRM Tests, English/Afrikaans
1485	Radio Today	Honeydew, Johannesburg	1	24h in English
1548	Radio Islam	Lenasia, Gauteng	10	24h in English (Islamic)
1584	Radio 1584	Laudium, Pretoria, Gauteng	0.25	24h in English (Islamic)

### **Broadcasting on shortwave**

#### **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.

The Southern African community will soon enjoy digital audio broadcasts, thanks to an initiative led by a South African based entity, Thembeke & Associates that has taken the lead in implementing the much anticipated interactive radio solution. Sentech's Meyerton Radio Shortwave site in South Africa will carry the Digital Sound Broadcasting Shortwave Transmission from the broadcast centre in Southern Africa to the rest of SADC countries. Full story [here](#)



## Sudan

Sudan Radio and Television Corporation - Sudan Radio is the state-controlled broadcasting service in Sudan. It operates a number of transmitters on mediumwave, broadcasting both the General Programme and regional stations. SRTC has a single shortwave transmitter that is currently used for the General Programme and the external service.

### Domestic broadcasting stations on mediumwave

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
540	SRTC South Darfur State R	Nyala, South Darfur	50	0300v-2100 in Arabic
621	SRTC	unconfirmed		new station observed by Stefan Schliephacke
639	SRTC North Kurdufan State R	El Obeid, North Kurdufan	10	0300v-2100 in Arabic
666	SRTC Kassala State R	Kassala, Kassala State	5	0300v-2100 in Arabic
747	SRTC Khartoum State R	Khartoum, Khartoum State	10	0300-0700 & 1300-1900 in Arabic; also Gen
747	SRTC Red Sea State R	Port Sudan, Red Sea State	5	0300v-2100 in Arabic
765	SRTC General Programme	Omdurman, Khartoum State	50	24h in Arabic
783	SRTC River Nile State R	Atbara, River Nile State	5	0300v-2100 in Arabic
801	SRTC North Darfur State R	Al-Fashir, North Darfur	5	0300v-2100 in Arabic
819	SRTC Northern State R	Dongola, Northern State	5	0300v-2100 in Arabic
846	SRTC	unconfirmed		new station observed by Stefan Schliephacke
873	SRTC Al Jazirah State R	Wad Madani, Al Jazirah State	10	0300v-2100 in Arabic
873	SRTC Northern State R	Wadi Halfa, Northern State	5	0300v-2100 in Arabic
891	SRTC Sennar State R	Singa, Sennar State	5	0300v-2100 in Arabic
945	SRTC South Kordufan State R	Al-Foula, S Kordufan State	5	0300v-2100 in Arabic
963	SRTC General Programme	Khartoum, Khartoum State	100	2100-0200 in Arabic
	SRTC R As-Salem (Peace R)	Khartoum, Khartoum State	100	0200-2100 in Arabic
1026	SRTC Blue Nile State R	Ad-Damazin, Blue Nile State	5	0300v-2100 in Arabic
1296	SRTC General Programme	Reiba, Sennar State	600	off-air
1485	SRTC Al-Qadarif State R	Al-Qadarif, Al-Qadarif State	5	0300v-2100 in Arabic
1584	SRTC White Nile State R	Kosti, White Nile State	5	0300v-2100 in Arabic
1602	SRTC S Kurdufan State R	Kaduqli, South Kurdufan State	5	0300v-2100 in Arabic

The details above have been updated based on Stefan Schliephacke's observations in his monitoring report from Uganda that appeared in the December 2019 edition of MWC's "Medium Wave News". Stefan reports that there seems to be much more locally produced programmes now and the Omdurman General Programme is no longer aired continuously on several frequencies. Separate/local programmes are heard in the mornings and during afternoons / evenings until about 1901 on several frequencies; everything varies, times and days are irregular, so no further details at present.

### External broadcasting on shortwave

#### Voice of Africa

Voice of Africa is the external service of the Sudan Radio and Television Corporation. It was first heard in early October 2012 but has been intermittent since then. After a period off air, the latest broadcasts resumed in early November 2018, although the schedule is highly unsettled. Voice of Africa operates on 9505 kHz and shares the transmitter with Sudan Radio's General Programme, which at other times uses 7205 kHz. Transmissions are irregular and times may vary.

**Transmitter Site:** Omdurman (Al-Aitahab) - 100 kW.

<b>Times/UTC</b>	<b>Service</b>	<b>Languages</b>	<b>kHz</b>
0300-1630	Sudan Radio	Arabic	7205 (may switch to 9505 from around 1600)
1630-1715	Voice of Africa	French	9505
1715-1800	Voice of Africa	English	9505
1800-2100	Sudan Radio	Arabic	7205 (or may remain on 9505 after Voice of Africa transmissions end)

## 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. Each station in the network produces and broadcasts its own programming.

Radio Juba is the flagship station of the South Sudan Radio network. Stefan Schliephacke reports that Radio Juba was not heard on 693 kHz in October/November 2019 whilst he was in Uganda and there now appears to be no mediumwave presence in the country.

## Target broadcasts to Sudan and South Sudan

### Radio Tamazuj

Radio Tamazuj 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.

**Transmitter sites:** Issoudun, France (iss) - 250 kW; Talata-Volonondry, Madagascar (mdc) - 250 kW

Times/UTC	Days	Languages	kHz
0330-0430	Daily	Arabic and Sudanese languages	6005-mdc 7315-iss
1500-1600	Daily	Arabic and Sudanese languages	11705-mdc 15400-iss

**Note:** News in English is broadcast on Tuesday and Friday at approximately 1540 UTC.

### 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.

**Transmitter sites:** Talata-Volonondry, Madagascar (mdc) - 250 kW; Kostinbrod, Bulgaria (sof) - 200 kW; Issoudun, France (iss) - 250 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW.

Times/UTC	Days	Languages	kHz
0430-0500	Daily	Arabic and Sudanese languages	7315-smg 11650-mdc
1530-1600	Daily	Arabic and Sudanese languages	11640-sof 15550-smg

### Eye Radio

Eye Radio is based in Juba and is a partnership between Internews and Eye Media. Formerly operating as the Sudan Radio Service on shortwave and later on 98.6 FM, Eye Radio is South Sudan's first independent broadcast provider of news and information. SRS began as a project of the Education Development Center (EDC), an international NGO based in the US, with support from the United States Agency for International Development (USAID). SRS's first broadcast was on 30 July 2003, with an initial one hour-long shortwave broadcast consisting of news summaries and music. Eye Radio currently broadcasts in English, Simple Arabic and in seven local languages around the clock on FM in South Sudan and also for two hours a day on shortwave. Eye Radio was first heard on shortwave in April 2016.

**Transmitter site:** Santa Maria di Galeria, Vatican (smg) - 250 kW.

Times/UTC	Days	Language	kHz
0400-0500	Mon-Fri	English/Simple Arabic/South Sudanese local languages	7340-smg
0500-0600	Daily	Special daily COVID-19 programme in various languages	9600-smg
1600-1700	Mon-Fri	English/Simple Arabic/South Sudanese local languages	15410-smg
1700-1800	Daily	Special daily COVID-19 programme in various languages	15410-smg

### 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). The programme is hosted by John Tanza in Washington D.C., and a network of reporters around South Sudan and in Washington produce the stories that are heard on "South Sudan in Focus".

**Transmitter sites:** MW: Dorale, Djibouti (dji) - 600 kW;

SW: Dhabbya, UAE (dab) - 250 kW; Pinheira, São Tomé (sao) - 100 kW; Woofferton, England (wof) - 300 kW.

Times/UTC	Days	Language	kHz
1630-1700	Mon-Fri	Sudanese English	11850-dha 13865-wof 15180-sao
2030-2100	Mon-Fri	Sudanese English	1431-dji

## eSwatini (Swaziland)

Swaziland Broadcasting and Information Services is the state broadcasting service.

### International relays on mediumwave

#### TWR Swaziland

TWR Swaziland went on air on 1 November 1974 and broadcasts Christian programming to Africa.

**Mediumwave:** Mpangela Ranch - 100 kW.

Times/UTC	Days	Language	Target	kHz
1745-1800	Sat	Shona	Southern Africa	1170
1800-2015	Daily	English	Southern Africa	1170
2015-2115	Daily	Zulu	Southern Africa	1170
2115-2130	Mon-Sat	Shona	Southern Africa	1170
2115-2130	Sun	Ndau	Southern Africa	1170
2130-2200	Daily	Shona	Southern Africa	1170

See BDXC's [Guide to External Services on Mediumwave](#) for the full programme schedule for 1170 kHz

**Shortwave:** Mpangela Ranch - 100 kW (\* 50 kW).

Times/UTC	Days	Language	Target	kHz
0330-0400	Daily	Shona	Southern Africa	4760
0400-0415	Daily	Ndau	Southern Africa	4760
1418-1450	Mon-Fri	Lomwe/Port.	Southern Africa	9585
1418-1450	Sat	Makua	Southern Africa	9585
1418-1455	Daily	English	Southern Africa	7455
1455-1525	Daily	Shona	Southern Africa	7455
1453-1525	Sat/Sun	French	Indian Ocean	9585
1453-1525	Mon-Fri	Malagasy	Indian Ocean	9585
1500-1530	Daily	Somali	Horn of Africa	11780
1525-1555	Mon-Fri	Shona	Southern Africa	7455
1530-1545	Sun	Somali	Horn of Africa	11780
1530-1545	Mon-Fri	Arabic Juba	NW Africa	13580
1555-1612	Sun	Rwanda-Rundi	Great Lakes	13580
1555-1627	Mon-Fri	Rwanda-Rundi	Great Lakes	13580
1630-1645	Tue	Shangaan	Southern Africa	4760*
1630-1645	Sat	Portuguese	Southern Africa	4760*
1630-1645	Tue/Sun	Oromo	Horn of Africa	11660
1630-1645	Mon	Amharic	Horn of Africa	11660
1630-1645	Fri/Sat	Kambaata	Horn of Africa	11660
1630-1700	Wed/Thu	Oromo	Horn of Africa	11660
1645-1700	Sun-Tue	Oromo/Borana	Horn of Africa	11660
1645-1700	Fri/Sat	Hadiyya	Horn of Africa	11660
1700-1730	Daily	Yao	Southern Africa	6100
1700-1730	Daily	Amharic	Horn of Africa	11660
1730-1800	Sun	Amharic	Horn of Africa	11660
1730-1800	Mon-Sat	Oromo	Horn of Africa	11660
1745-1800	Sat	Turkana	East Africa	9380
1745-1815	Mon-Fri	Swahili	East Africa	9380
1745-1824	Sun	Swahili	East Africa	9380
1800-1840	Sat	Swahili	East Africa	9380
1802-1847	Mon-Fri	English	East Africa	9500
1802-1902	Sat	English	East Africa	9500
1820-1850	Mon-Fri	Umbundu	Southern Africa	6130
1850-1905	Sun-Fri	Umbundu	Southern Africa	6130
1850-1905	Sat	Chokwe	Southern Africa	6130
1905-1920	Sun	KiKongo	Southern Africa	6130
1905-1920	Mon/Tue	Portuguese	Southern Africa	6130
1905-1920	Wed	Luchazi	Southern Africa	6130
1905-1920	Thu	Luvale	Southern Africa	6130
1905-1920	Fri	Fiote	Southern Africa	6130
1905-1920	Sat	Umbundu	Southern Africa	6130
1905-1935	Daily	Lingala	Central Africa	15105
1920-1935	Sun	Kuanyama	Southern Africa	6130
1920-1950	Mon-Fri	Portuguese	Southern Africa	6130
1920-2005	Sat	Portuguese	Southern Africa	6130
1935-2005	Sun	Portuguese	Southern Africa	6130
1935-1950	Sat/Sun	French	Central Africa	15105
1935-2005	Mon-Fri	Lingala	Central Africa	15105
1950-2005	Mon-Fri	Kimbundu	Southern Africa	6130



## Tanzania

Tanzania Broadcasting Corporation (TBC) is the state broadcaster in Tanzania.

### Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
711	TBC Taifa	Kigoma, Kigoma Region	10	0155v-2100v in Swahili; not always on air
1323	Radio One	Moshi, Kilimanjaro Region	10	see below
1377	Radio Free Africa	Mwanza, Mwanza Region	10	Swahili/English - widely reported in Europe

The details for Tanzania have been updated based on Stefan Schliephacke's observations in his monitoring report from Uganda that appeared in the December 2019 edition of MWC's "Medium Wave News". Stefan reports that Radio One on 1323 kHz was not heard in the mornings in Uganda; afternoon fade-in was noted around 1550 with China Radio International in English; it seems that the transmitter is switched on for CRI programmes only; Radio One's own programmes were not heard; abrupt sign-off noted at 1800 without a Radio One ID.

## Togo

Radiodiffusion-Télévision Togolaise is the state broadcasting station and on FM. Radio Lome was last reported on shortwave in 2003.

## Tristan da Cunha

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 Tunisienne is the state broadcasting service in Tunisia. It broadcasts the National Channel on mediumwave and FM, whilst regional stations are on FM only. All relays of the domestic service on shortwave were discontinued in 2013.

### Broadcasting on mediumwave

<b>kHz</b>	<b>Service</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
585	Radio Tunisienne, National Channel	Gafsa	350	0400-0000 in Arabic
630	Radio Tunisienne, National Channel	Tunis	300	24h in Arabic
684	Radio Tunisienne, National Channel	Medenine	10	0400-0000 in Arabic
963	Radio Tunis Chaîne Internationale	Tunis	100	0500-1303 in French, 1303-1330 in English, 1330-1400 in Italian, 1400-1903 in French, 1903-1930 in Spanish, 1930-2000 in German, 2000-0100 in French

## 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.

## 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.

### SNRT Radio Marocaine

SNRT Radio Marocaine is the state broadcasting service of Morocco. The Southern Provinces or Moroccan Sahara are the terms used by the Moroccan government for Western Sahara. These two official Moroccan denominations explicitly include all of Western Sahara. The Moroccan government favours "Southern Provinces" for its geographical obviousness. A frequent use of the term "Southern Provinces" is found for example on Moroccan state television for weather forecasts, displayed maps on the news, government statements, etc. The transmitter at Laâyoune on 711 kHz includes regional programmes from Laâyoune and Dakhla.

<b>kHz</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
711	Laâyoune	300	24h in Arabic & Hassaniyya

### 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. The mediumwave transmitter does have periods when it is off and most recently returned to the airwaves in October 2020 after being silent for a few months. The station was last heard on shortwave in 2011.

<b>kHz</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1550	Rabouni, Algeria	100	0700-1300 & 1700-2300 in Arabic & Hassaniyya



## Zambia

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.

### Domestic broadcasting on shortwave

#### ZNBC Radio 1

**Transmitter site:** Lusaka - 100 kW

Times/UTC	Languages	kHz	News in English
24 hours	National languages	5995	0500-0515, 1115-1140 and 1800-1810

### 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 - 100 kW.

Times/UTC	Days	Language	Target	kHz
0400-0800	Daily	English	East, Central and Southern Africa West Africa	9680 11680
1200-1400	Daily	Swahili	East, Central and Southern Africa	9680
1400-1600	Daily	English	East, Central and Southern Africa West Africa	6065 9680
1600-2100	Daily	English	East, Central and Southern Africa West Africa	4965 6065

Schedule effective 14 November 2020. Programme details 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

Times/UTC	Target	kHz	Notes
0250-2100	Zanzibar	585	
0250-0600	East Africa	6015	
1500-2100	Arabian Peninsula	11735	currently off-air



## Zimbabwe

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 has been providing Zimbabwe with objective and balanced radio news since 2003. It broadcasts reports on Zimbabwean politics, the economy, health, society, sports and best of Zimbabwean music.

**Transmitter sites:** Selebi-Phikwe, Botswana (bot) - MW 600 kW & SW 100 kW; Pinheira, São Tomé (sao) - 100 kW.

Times/UTC	Days	Lang//Prgr	kHz
0400-0500	Mon-Fri	Shona	909-bot 6175-bot 7255-sao
1700-1730	Daily	Shona	909-bot 4930-bot 13860-sao 15460-sao
1730-1800	Daily	Ndebele	909-bot 4930-bot 13860-sao 15460-sao
1800-1900	Mon-Fri	Live Talk	909-bot 13860-sao 15460-sao

## Selected target broadcasts to Africa

### **BBC World Service**

**Transmitter sites:** Ascension Island (asc) - 125/250 kW; Dhabbaya, UAE (dha) - 250 kW; Yerevan, Armenia (erv) - 300 kW; Talata Volonondry, Madagascar (mdc) - 125/250 kW; Pinheira, Sao Tome (sao) - 100 kW; A'Seela, Oman (sla) - 125/250 kW; Santa Maria di Galeria, Vatican (smg) - 100/250 kW; Kranji, Singapore (sng) - 250 kW; Kostinbrod, Bulgaria (sof) - 250 kW; Woofferton, UK (wof) - 125/250/300 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
0300-0400	Daily	Arabic	639-zak 5875-dha 5995-dha
0400-0500	Daily	English	7285-sla 9915-mdc 12095-sla
0400-0500	Daily	Arabic	639-zak 5875-dha
0400-0430	Daily	Somali	11995-mdc 13790-dha
0500-0600	Daily	English	5875-smg 6005-asc 6195-asc 12095-mdc 13860-dha
0500-0600	Daily	Arabic	639-zak 12015-dha
0500-0600	Sat	Kirundi	13790-dha 15490-erv
0529-0600	Daily	Hausa	5975-wof 6135-asc 7305-asc
0529-0600	Sun	Kirundi	13790-dha 15490-erv
0600-0700	Daily	English	6005-asc 7325-wof 7445-asc 9410-sao 12095-smg 13860-mdc 15400-mdc
0600-0700	Daily	Arabic	639-zak 15315-sla(th-mo) 15315-dha(tu/we)
0600-0629	Daily	French	5875-asc 6135-smg 7265-wof 7305-asc
0629-0700	Daily	Hausa	5975-asc 7305-asc 17830-dha
0700-0800	Daily	English	7325-sao 9410-sao 9915-asc 12095-sao 15400-mdc 15490-smg
0700-0729	Daily	French	7305-asc 17830-sao
1100-1130	Daily	Somali	15420-dha 17745-mdc
1130-1700	Sat	Hausa	17780-asc
1130-1500	Sat	Somali	15420-dha 17745-dha
1200-1230	Daily	French	15490-wof 15640-asc 17765-asc
1400-1430	Mon-Fri	Hausa	15400-asc 17780-asc 21630-dha
1400-1500	Daily	Somali	12095-mdc 15420-sof 17745-dha
1500-1700	Sat	Somali	12095-sof 15420-dha
1600-1700	Daily	English	7445-mdc 12065-dha 17640-asc 17830-asc
1630-1700	Mon-Fri	Kirundi	9820-dha 15420-mdc
1700-1800	Daily	English	7265-mdc 7445-mdc 15400-asc 17780-asc 17830-asc
1700-1800	Daily	Arabic	9585-dha
1700-1930	Sat	Hausa	15685-asc
1700-2000	Sat	Somali	7335-sof 9465-dha
1730-1750	Mon-Fri	Amharic	7425-smg 9600-sla 12095-dha
1750-1810	Mon-Fri	Oromo	7425-smg 9600-sla 12095-dha
1800-1900	Daily	English	7265-mdc 9410-dha 9915-wof 11810-asc 15400-asc
1800-1900	Daily	Arabic	639-zak 9585-dha
1800-1830	Daily	French	6080-wof 6180-sof 7220-smg 9750-smg 15490-asc
1810-1830	Mon-Fri	Tigrinya	7425-smg 9600-sla 12095-dha
1830-1850	Mon-Fri	Amharic	7425-smg 9600-sla
1850-1910	Mon-Fri	Oromo	7425-smg 9600-sla
1900-2000	Daily	English	6195-sao 7265-mdc 9410-dha 11810-wof 12095-asc
1900-2000	Daily	Arabic	639-zak 6150-dha
1910-1930	Mon-Fri	Tigrinya	7425-smg 9600-sla
1930-2000	Daily	Hausa	9545-wof 11660-asc 15490-asc
2000-2100	Daily	English	11810-wof 12095-asc
2000-2100	Daily	Arabic	639-zak 6150-sla
2000-2030	Fri	Hausa	9545-wof 11660-asc 15490-asc
2100-2200	Mon-Fri	English	11810-asc 12095-asc

### **Radio France Internationale**

**Transmitter sites:** Issoudun, France (iss) - 500 kW (150 kW); Talata Volonondry, Madagascar (mdc) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
0400-0500	Daily	French	7390-iss 9790-iss
0430-0500	Daily	Swahili	9665-mdc
0500-0600	Daily	French	6050-iss 7390-iss 9790-iss
0530-0600	Daily	Swahili	11790-mdc
0600-0630	Daily	Hausa	7295-iss 9805-iss
0600-0700	Daily	French	5925-iss 7390-iss 9790-iss 11700-iss
0700-0730	Daily	Mandingo	9710-iss
0700-0730	Daily	Hausa	11760-iss 13750-iss
0700-0800	Daily	French	9790-iss 11700-iss 13695-iss 15300-iss 17850-iss
0730-0800	Daily	Fulfulde	11875-iss
0800-0830	Daily	Mandingo	15455-iss

0800-0900	Daily	French	13695-iss 15300-iss 17850-iss 21580-iss
0830-0900	Daily	Fulfulde	15455-iss
0900-1100	Daily	French	13695-iss 15300-iss 17850-iss 21580-iss (Covid-19 prgr)
1200-1230	Daily	Mandingo	17815-iss
1200-1300	Daily	French	15300-iss 17660-iss 21580-iss 21690-mdc
1300-1330	Daily	Fulfulde	17660-iss
1500-1600	Daily	Swahili	21690-iss
1600-1700	Daily	Hausa	15300-iss
1700-1730	Daily	Mandingo	11780-iss
1700-1800	Daily	French	11995-iss 13740-iss 15300-iss
1730-1800	Daily	Fulfulde	11780-iss
1800-1900	Daily	French	9660-iss 9725-iss 9810-iss 11995-iss 13740-iss
1900-2000	Daily	French	7205-iss 9580-iss 9635-iss 11995-iss
1900-2000	Sun	French	9680-iss
2000-2030	Daily	Hausa	7380-iss
2000-2100	Daily	French	7205-iss 9790-iss
2100-2200	Daily	French	7205-iss 9790-iss

### Deutsche Welle

**Transmitter sites:** Issoudun, France (iss) - 250/500 kW; Pinheira, Sao Tome (sao) - 100 kW.

Times/UTC	Days	Language	kHz
0630-0700	Daily	Hausa	7235-sao 9570-iss 9830-iss
1300-1400	Daily	Hausa	9830-sao 11980-sao 17800-iss
1430-1630	Sat	Hausa	15195-iss 15350-iss (coverage of German Bundesliga football)
1600-1700	Daily	Amharic	11830-iss 15275-iss
1800-1900	Daily	Hausa	7235-iss 9570-iss 9830-iss

### Voice of America

**Transmitter sites:** Ascension Island (asc) - 250 kW; Selebi-Phikwe, Botswana (bot) - 100 kW; Dhabbaya, UAE (dha) - 250 kW; Greenville NC, USA (gr) - 250 kW; Umm al-Rimam, Kuwait (kwt) - 250 kW; Lampertheim, Germany (lam) - 100 kW; Tinang, Philippines (pht) - 250 kW; Pinheira, Sao Tome (sao) - 100 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Udorn Thani, Thailand (udo) - 250 kW; Woofferton, UK (wof) - 300 kW.

Times/UTC	Days	Language	kHz
0300-0400	Daily	English	4930-bot 6080-sao 9775-bot
0330-0430	Daily	Kirundi	7275-sao 7460-bot 9885-sao
0330-0400	Daily	Somali	9510-smg 9825-lam 11875-dha
0400-0500	Daily	English	4930-bot 4960-sao 6080-sao 9775-bot
0400-0500	Mon-Fri	Studio 7	6175-bot 7255-sao
0430-0530	Mon-Fri	Kirundi	7275-sao 7460-bot 9885-sao
0500-0600	Daily	English	4930-bot 6080-sao 15580-bot
0500-0530	Daily	Hausa	4960-sao 6020-sao 6170-asc
0530-0630	Mon-Fri	French	4960-sao 6020-sao 9885-smg 13830-bot
0600-0700	Daily	English	6080-sao 9550-sao 15580-bot
0700-0730	Daily	Hausa	4960-sao 12070-smg 15580-bot
0830-0900	Wed/Sat	French	12030-sao 15715-smg 17700-bot
1030-1100	Daily	Somali	13580-kwt 15620-bot 17600-udo
1100-1130	Sat	French	12030-sao 13750-bot 15715-bot 17850-smg
1300-1400	Daily	Somali	15620-smg 17600-kwt
1400-1500	Daily	English	4930-bot 15580-bot 17885-bot
1400-1500	Sat/Sun	Kirundi	9885-sao 13630-bot 15460-smg
1500-1600	Daily	English	4930-bot 7455-bot 15580-bot 17885-sao
1500-1530	Daily	Hausa	9575-sao 11850-sao 15460-bot
1530-1600	Mon-Fri	Hausa	9575-sao 11850-sao 15460-bot
1600-1630	Daily	English	4930-bot 6080-sao 15580-bot 17895-bot
1600-1630	Daily	Kirundi	11850-bot 13630-smg 15460-sao
1600-1800	Daily	Somali	11610-wof 11905-lam
1630-1700	Mon-Fri	English	4930-bot 11850-dha 13865-wof 15180-sao 17895-bot
1630-1700	Sat/Sun	English	4930-bot 6080-sao 17895-bot
1630-1700	Fri	Portuguese	13630-bot 17655-sao
1630-1700	Daily	Swahili	13750-kwt 15260-wof 15460-sao
1700-1730	Daily	English	6080-sao 11850-dha 15580-bot(sat/sun) 17895-bot
1700-1730	Mon-Fri	Amharic	12040-sao 15580-bot
1700-1800	Daily	Portuguese	13630-bot 17655-gb
1700-1800	Daily	Studio 7	4930-bot 13860-sao 15460-sao
1730-1800	Daily	English	6080-sao 11850-sao 15580-bot 17895-bot
1730-1800	Mon-Fri	Oromo	9485-wof 12040-lam 13765-kwt
1800-1900	Daily	English	4930-bot 11610-udo 15580-bot
1800-1900	Daily	Amharic	9485-wof 12040-dha 13765-kwt

1800-1830	Mon-Fri	Portuguese	13630-bot 17655-gb
1800-1900	Mon-Fri	Studio 7	13860-sao 15460-sao
1830-1930	Daily	French	12075-smg 15730-bot
1830-1900	Mon-Fri	Kirundi	11850-bot 13630-sao
1900-2000	Daily	English	4930-bot 13590-sao 15580-bot
1900-2000	Daily	French	17700-gb
1900-1930	Mon-Fri	Tigrinya	9485-bot 12040-dha 13765-kwt
1930-2030	Daily	French	11900-sao 12075-bot 15730-gb
1930-2000	Mon-Fri	Kirundi	9885-bot 11850-sao 12040-kwt
2000-2100	Daily	English	4930-bot 6195-bot 15580-bot
2000-2030	Daily	French	9485-kwt
2030-2100	Mon-Fri	Hausa	4960-sao 6040-sao 9765-wof 11850-sao 13750-sao
2030-2100	Sat	Hausa	4960-sao 6040-sao 9765-wof 11850-sao 11900-sao 11975-sao 13750-sao
2030-2100	Sat/Sun	French	9485-kwt 11900-sao(sun) 11975-smg(sun) 12075-bot
2100-2200	Daily	English	4930-bot 6195-sao 11720-gb
2100-2130	Mon-Fri	French	5930-sao 9485-kwt 12075-bot
2130-2200	Mon-Fri	Bambara	5885-kwt 5930-sao 12075-bot 15120-asc

### **Vatican Radio**

**Transmitter sites:** Santa Maria di Galeria, Vatican (smg) - 250 kW; Talata Volonondry, Madagascar (mdc) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
0830-1030	Daily	French	15575-smg 17825-smg
0830-1030	Daily	Portuguese	17805-smg
0930-1050	Sun	Liturgy	17790-smg
1530-1600	Daily	Amharic	13830-smg
1600-1615	Sat	Swahili	11935-mdc 13830-smg
1600-1630	Sun-Fri	Swahili	11935-mdc 13830-smg
1615-1630	Sat	Somali	11935-mdc 13830-smg
1630-1700	Daily	English	11935-mdc 13830-smg
1700-1730	Daily	French	9705-smg 11935-smg
1730-1800	Daily	Tigrinya	11935-smg
1800-1830	Daily	Portuguese	9705-smg
1940-2000	Daily	Liturgy	6010-smg 7365-smg
2000-2030	Daily	English	6010-smg 7365-smg
2030-2100	Daily	French	6010-smg 7365-smg
2100-2130	Daily	Portuguese	7365-smg

### **Adventist World Radio**

**Transmitter sites:** Yerevan, Armenia (erv) - 250 kW; Issoudun, France (iss) - 250 kW; Moosbrunn, Austria (mos) - 300 kW; Talata Volonondry, Madagascar (mdc) - 100/250 kW; Nauen, Germany (nau) - 125/250 kW; Trimcomalee, Sri Lanka (trm) - 125/250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
0300-0330	Daily	Tigrinya	7350-nau
0300-0330	Daily	Oromo	15410-trm
0300-0400	Daily	Malagasy	6025-mdc
0400-0430	Daily	Amharic	12065-trm
0430-0500	Daily	French	5950-nau
0500-0530	Daily	Hausa	9630-mos
0500-0600	Daily	Arabic	17790-trm
0600-0630	Daily	French	9860-nau 15610-erv
0600-0700	Daily	Arabic	11880-mos
0700-0730	Daily	French	11880-mos
0700-0800	Daily	Arabic	11980-nau
0800-0830	Daily	French	15145-mos
0830-0900	Daily	Tachelhit	15145-nau
1400-1500	Daily	Malagasy	6055-mdc
1630-1700	Daily	Tigrinya	11955-nau
1630-1700	Daily	Amharic	12040-nau
1630-1700	Daily	Somali	15490-nau
1700-1730	Daily	Swahili	11720-mdc 11800-mos
1730-1800	Daily	Oromo	11870-nau
1730-1800	Daily	Masai	11955-mos
1800-1900	Daily	Arabic	11955-mos
1900-1930	Daily	Hausa	7275-mos
1900-2000	Daily	Arabic	6120-nau 11985-mdc
1930-2000	Daily	Tachelhit	7325-nau
1930-2000	Daily	French	9780-mos
1930-2000	Daily	Ibo	9850-iss



2000-2030	Daily	French	7225-nau 9515-mdc
2000-2030	Daily	Dyula	7270-mos
2000-2030	Daily	Mossi	17570-mdc
2030-2100	Daily	French	7270-mos
2030-2100	Daily	Yoruba	11985-mdc
2100-2130	Daily	Pidgin	11985-mdc
2130-2200	Daily	Twi	9800-nau

### **Trans World Radio**

These transmissions are in addition to those in the TWR Swaziland schedule (see entry for eSwatini)

**Transmitter sites:** Ascension Island (asc) - 250 kW; Dhabbaya, UAE (dha) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
0330-0345	Sun/Mon	Amharic	7245-dha
0330-0345	Tue	Oromo	7245-dha
0330-0345	Thu	Sidamo	7245-dha
1300-1315	Thu-Sun	Afar	17680-dha
1730-1800	Mon-Fri	Arabic	17745-asc

### **Bible Voice Broadcasting**

**Transmitter sites:** Nauen, Germany - 100/125/250 kW; Issoudun, France (iss) - 100 kW  
Kostinbrod, Bulgaria (sof) - 50 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
0600-0615	Daily	Arabic	9440-nau (Dardasha 7)
1600-1630	Sun-Tue	Oromo	11790-nau
1630-1700	Daily	Nuer	11875-iss
1630-1700	Sat/Sun	Somali	111790-nau
1630-1730	Tue	Amharic	11790-nau
1700-1730	Wed	Amharic	11790-nau
1730-1800	Tue/Wed	Tigrinya	11790-nau
1730-1800	Sat	Oromo	11790-nau
1730-1800	Sun	Amharic	11790-nau
1945-2000	Daily	Arabic	9400-sof (Dardasha 7)

### **Pan American Broadcasting - Radio Africa Network**

**Transmitter site:** Okeechobee, Florida (rmi) - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
1400-2300	Daily	English	21525-rmi

### **IBRA Radio**

**Transmitter sites:** Dhabbaya, UAE (dha) - 250 kW; Woofferton, UK (wof) - 300 kW; Yerevan, Armenia (erv) - 300 kW;  
Woofferton, UK (wof) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
1600-1630	Daily	Afar	11655-dha
1615-1630	Mon-Wed	Guragena	9540-dha
1615-1630	Thu-Sun	Amharic	9540-dha
1630-1700	Daily	Amharic	9540-dha
1700-1730	Daily	Oromo	9540-dha
1730-1800	Daily	Somali	6180-dha
1730-1800	Daily	Silte	7510-erv
1730-1800	Daily	Tigrinya	9540-dha
1730-1900	Daily	Arabic	9515-wof

### **Follow The Bible Ministries**

**Transmitter site:** Ascension Island (asc) - 250 kW

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>
1900-1930	Sun	English	7305-asc 11660-asc

## Long and mediumwave stations in Africa

### Longwave

kHz	ITU	Station	Location	kW	Schedule
171	MRC	Medi 1	Nador	250	24h in Arabic/French
252	ALG	RTA Chaîne 3	Tipaza	1500	24h in French; half-power 1900-0600

### Mediumwave

kHz	ITU	Station	Location	kW	Schedule
531	ALG	RTA Jil FM	F'kirina Wilaya	600	24h in Arabic/French/Tamazight
	BOT	R Botswana	Maun	50	24h in Setswana and English
540	MRC	SNRT National Network	Sidi Bennour	300	24h in Arabic
	MWI	MBC Radio 1	Mangochi	10	0200-2200 in English/Chichewa
	NIG	Sokoto State BC, Rima R	Sokoto	50	0430-2305 in English/local languages
	SDN	SRTC South Darfur State R	Nyala	50	0300-2100 in Arabic
549	ALG	RTA Jil FM	Sidi Hamadouche	600	24h in Arabic/French/Tamazight
	GAB	RTG Chaîne 2	Oyem	20	current status subject to confirmation
	NIG	R Kano	Kano	50	0430-2305 in English/local languages
	NIG	Ekiti State BC	Ado	25	0430-2305 in English/local languages
558	ALG	RTA R Ouargla	Touggourt	10	24h in Arabic
	BOT	R Botswana	Muchenje	50	24h in Setswana and English
	EGY	ENMA Educational Prgr	Cairo	100	0400-0000 in Arabic
	MWI	MBC Radio 1	Karonga	10	24h in English/Chichewa
567	AFS	Cape Talk	Cape Town	25	24h in English
	KEN	KBC R Taifa	Garissa	50	0155v-2055v in Swahili
	NIG	Imo BC	Owerri	50	0425-2305 in English/local languages
576	AFS	R Veritas	Meyerton	50	24h in English
	ALG	RTA R Béchar	Béchar	400	24h in Arabic
	CNR	RNE R Nacional	Las Palmas	20	24h in Spanish
	NIG	FRCN R Nigeria Ibadan	Moniya	25	0430-2305 in English/local languages
585	TUN	R Tunisienne	Gafsa	350	0400-0000 in Arabic
	ZAN	Zanzibar BC	Chumbuni	50	0900-2100 in Swahili
594	MWI	MBC Radio 1	Lilongwe	30	current status subject to confirmation
	NIG	FRCN R Nigeria Kaduna	Jaji	200	0400-2305 in Hausa
595	MRC	SNRT National Network	Oujda	50	24h in Arabic
603	EGY	ENMA Holy Qur'an Prgr	Sohag	50	24h in Arabic
	NIG	Borno RTV Corp	Maiduguri	50	0400-2305 in English/local languages
	NIG	Ogun State BC	Abeokuta	25	0400-0000 in English/local languages
612	MRC	SNRT National Network	Sebaâ-Aioun	300	24h in Arabic
	NIG	Kwara State BC	Ilorin	50	0400-2305 in English/local languages
621	BOT	R Botswana	Selebi-Phikwe	100	24h in Setswana and English
	CNR	RNE R Nacional	Las Mesas	300	24h in Spanish
	EGY	ENMA Voice of the Arabs	Batra	1000	24h in Arabic
	SDN	SRTC	unconfirmed		0300-2100 in Arabic
630	MDG	R Madagasikara	Antananarivo	50	0300-1900(2200ss) in Malagasy and French
	TUN	R Tunisienne	Tunis	300	24h in Arabic
639	KEN	KBC R Taifa	Garissa	50	0155v-2055v in Swahili
	LSO	LNBS R Lesotho	Lancer's Gap	100	24h in Sesotho/English
	NIG	Kaduna State Media Corp	Katabu	25	0430-2330 in English/local languages
	SDN	SRTC N Kurdufan State R	El Obeid	10	0300-2100 in Arabic

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
648	BOT	R Botswana	Mopipi	50	24h in Setswana and English
657	AFS NIG	R Pulpit/R Kansel FRCN R Nigeria Ibadan	Meyerton Ibadan	50 100	24h in English/Afrikaans 0430-2305 in English/local languages
666	ALG REU SDN	RTA R Tindouf Réunion Première SRTC Kassala State R	Tindouf St Pierre Kassala	10 20 5	24h in Arabic 24h in French 0300-2100 in Arabic
675	KEN	KBC R Taifa	Marsabit	50	0155v-2055v in Swahili
684	ETH MAU TUN	R Ethiopia National Sce RM1, R Maurice R Tunisienne	Metu Malherbes Medenine	100 10 10	24h in Amharic/local languages 24h in French/English 0400-0000 in Arabic
693	ALG BOT	RTA R Adrar R Botswana	Reggane Shakawe	10 25	24h in Arabic 24h in Setswana/English
702	AFS ALG EGY EGY	LM Radio RTA R Laghouat ENMA El Wady El Gadid R ENMA S Upper Egypt R	Welgedacht Laghouat El Kharga Aswan	50 25 10 10	24h in English 24h in Arabic 0400-2200 in Arabic 0200-2200 in Arabic
711	EGY MRC TZA	ENMA Youth & Sports Prgr SNRT Regional Sce TBC Taifa	Cairo Laâyoune Kigoma	100 300 10	24h in Arabic 24h, Laâyoune and Dakhla regional prgrs 0200-2100 in Swahili (irregular)
720	CNR	RNE R5	Santa Cruz	10	24h in Spanish
729	AFS NIG	Cape Pulpit Kano State BC	Cape Town Jogana	25 50	24h in English/Afrikaans/Zulu/Xhosa 0430-2320 in English/local languages
738	ALG MOZ	RTA R Illizi RM Antena Nacional	In Aménas Maputo	5 50	24h in Arabic 0240-2200 (24h ss) in Portuguese
747	CNR NIG SDN SDN	RNE R5 Nagarta R, Voice of Unity SRTC Khartoum State R SRTC Red Sea State R	Las Palmas Katabu Khartoum Port Sudan	25 60 10 5	24h in Spanish 0430-2305 in English/local languages 0300-0700 & 1300-1900 in Arabic 0330-2100 in Arabic
756	EGY MWI NIG	ENMA S Upper Egypt R MBC Radio 1 Oyo State BC	Qena Blantyre Ibadan	10 10 100	0200-2200 in Arabic 24h in English/Chichewa 0400-2200 in English/local languages
765	MOZ SDN	Em Prov de Nampula SRTC General Prgr	Nampula Omdurman	50 50	0240-2200 in Portuguese/local languages 24h in Arabic
774	EGY	ENMA Middle East Prgr	Abis	500	24h in Arabic
783	ALG ALG SDN	RTA R Oued RTA R Illizi SRTC River Nile State R	Souf El Oued Djanet Atbara	10 5 5	24h in Arabic 24h in Arabic 0300-2100 in Arabic
801	ETH NIG SDN	Amhara State Regional R Yobe State BC SRTC North Darfur State R	Bahir Dar Damaturu Al-Fashir	100 20 5	0300-0600, 0900-1100, 1400-1900 in Amharic 0500-2300 in English/local languages 0300-2100 in Arabic
810	MOZ	Em Prov de Gaza	Xai-Xai	50	0240-2200 in Portuguese/local languages
819	EGY MAU SDN	ENMA General Prgr RM2, R Mauritius SRTC Northern State R	Batrah Malherbes Dongola	1000 10 5	24h in Arabic 24h in Indian languages 0300-2100 in Arabic
828	AFS ETH	Magic 828 AM R Ethiopia National Sce	Cape Town Arba Minch	25 100	24h in English 24h in Amharic/local languages

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
837	ALG CNR ETH	RTA Chaîne 3 COPE Gran Canaria R Oromiya	Béchar Las Palmas Robe	5 10 100	0500-0100 in French 24h in Spanish noted 24h in Oct/Nov 2019
840	ERI	Eritrean Radio - Prgr 2	Asmara-Selea Daro	100	0250-0700, 0930-1100, 1400-1830 in regional languages
846	AFS SDN	Umhlobo Wenene FM SRTC	Komga unconfirmed	50	24h in Xhosa 0300-2100 in Arabic
855	ETH	R Ethiopia National Sce	Harar	100	0300-2100 (irreg 24h) in Amharic/local languages
864	EGY	ENMA Holy Qur'an Prgr	Santah	500	24h in Arabic
873	ALG BOT ETH MOZ SDN SDN	RTA R Ghardaia R Botswana R Ethiopia National Sce Em Prov de Sofala SRTC Al Jazirah State R SRTC Northern State R	Ghardaia Ghanzi Addis Ababa Beira Wad Madani Wadi Halfa	10 50 100 50 10 5	24h in Arabic 24h in Setswana/English 24h in Amharic/local languages 0240-2200 in Portuguese/local languages 0300-2100 in Arabic 0300-2100 in Arabic
882	CNR EGY	COPE, Tenerife ENMA General Prgr	La Laguna, Tenerife Matruh	20 10	24h in Spanish 24h in Arabic
891	ALG ETH LSO SDN	RTA Chaîne 1 R Ethiopia National Sce LNBS Ultimate FM SRTC Sennar State R	Ouled Fayet Dese, Amhara Lancer's Gap Singa	600 100 50 5	24h in Arabic; half-power 1900-0600 0245-2000/2100 in Amharic/local languages 24h in English 0300-2100 in Arabic
909	ALG BOT	RTA Chaîne 1 Voice of America relay	Tamanrasset Selebi-Phikwe	10 600	24h in Arabic 0300-0700 & 1600-2100 in English and VOA Studio 7 prgrs for Zimbabwe
917	NIG	R Gotel	Yola	50	0500-2305 in English/local languages
918	EGY NIG	ENMA General Prgr R Benue	Bawti Makurdi	10 50	24h in Arabic 0430-2305 in English/local languages
927	ALG	RTA R Adrar	Timimoun	10	24h in Arabic
936	EGY EGY MRC	ENMA Om Kalthoum Prgr ENMA General Prgr SNRT National Network	Cairo Sallum Agadir	50 10 400	1500-2000 in Arabic 24h in Arabic 24h in Arabic
945	AGL AGL  BOT NIG STP SDN	R N'gola Yetu RNA International Sce  R Botswana R Kebbi R Nacional de São Tomé SRTC S Kordufan State R	Luanda Luanda  Mmathethe Birnin Kebbi Pinheira Al-Foula	25 25  25 10 20 5	0000(0100mo)-2000(2100su) in Nat Langs 2000-2100 Lingala, 2100-2200 French, 2200-2300 English, 2300-0000 in Portuguese (all times one hour later on Sundays) 24h in Setswana/English 0500-2300 in English/local languages 24h in Portuguese 0300-2100 in Arabic
950	ERI	Eritrean Radio - Prgr 1	Asmara-Selea Daro	100	0250-0700, 0930-1100, 14001-830 in Tigrinya/Tigre/Kunama
954	ETH	Sidama Community R	Irgalem	2.5	-1800 in Amharic/possibly other Ethiopian langs
963	MOZ SDN TUN	Em Prov de Tete SRTC Gen Prg/R As-Salem R Tunis Chaîne Int.	Tete Khartoum Tunis	50 100 100	0240-2200 (24h ss) in Portuguese/local langs 0200-2100 in Arabic 24h in French, except 1303-1300 English, 1330-1400 Italian, 1903-1930 Spanish, 1930-2000 German

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
972	BOT	R Botswana	Takatokwane		24h in Setswana/English
	ETH	R Ethiopia National Sce	Robe	100	24h in Amharic/local languages
	MEL	RNE R Nacional	Melilla	5	24h in Spanish
	NIG	Katsina State R	Katsina	25	0430-2300 in English/local languages
981	ALG	RTA Chaîne 2	Ouled Fayet	100	24h in Tamazight
	EGY	ENMA N Upper Egypt R	Asyut	10	0200-2200 in Arabic
	EGY	ENMA General Prgr	Abu Simbel	1	24h in Arabic
	EGY	ENMA General Prgr	Baris	1	0300-0000 in Arabic
990	NIG	Bauchi R Corp	Bauchi	40	0430-2300 in English/local languages
1008	EGY	ENMA El Arish R	El Arish	100	0600-1500 in Arabic (Palestine Prgr), 1500-2200 in Hebrew
	EGY	ENMA N Upper Egypt R	Faiyum	10	0400-2000 in Arabic
	MOZ	Em Prov de Maputo	Maputo	50	24h in Portuguese/local languages
	NIG	Niger State Media Corp	Kontagora	10	0430-2130 in English/local languages
	NIG	Osun State BC	Iree	10	0500-2300 in English/local languages
1026	ALG	RTA R Ourgla	Hassi Messaoud	10	24h in Arabic
	MOZ	Em Prov de Manica	Chimoio	50	0240-2200 (24h ss) in Portuguese/local langs
	NIG	Jigawa BC	Dutse	25	0500-2205 in English/local langs
	SDN	SRTC Blue Nile State R	Ad-Damazin	5	0300-2100 in Arabic
1035	ETH	R Oromiya	Adama	10	noted 24h in Oct/Nov 2019
1044	ETH	R Ethiopia National Sce	Mekele	100	0245-2000/2100 in Amharic/local languages
1053	ETH	R Oromiya	Nekemte	100	noted 24h in Oct/Nov 2019
1071	ALG	RTA Chaîne 1	Illizi	5	24h in Arabic
	BOT	R Botswana	Jwaneng	25	24h in Setswana/English
	EGY	ENMA Adults/Nile Valley Pr	Cairo	100	0300-1500 Adults Prgr in Arabic, 1500-2100 Nile Valley Prgr in Arabic
1080	EGY	ENMA General Prgr	El Minya	100	0300-0000 in Arabic
	EGY	ENMA General Prgr	Luxor	10	0300-0000 in Arabic
	ETH	R Fana	Addis Ababa	3	0300-1900 in Amharic
1089	ALG	RTA R Adrar	Adrar	5	24h in Arabic
1107	NIG	FRCN R Nigeria Kaduna	Jaji	25	0400-2300 in English/local langs
1134	AGL	RNA Canal A	Luanda	10	24h in Portuguese (subject to conformation)
	NIG	Cross River State BC	Ogoja	10	0430-2315 in English/local languages
1161	ALG	RTA R Tamanrasset	In Salah	5	24h in Arabic
	EGY	ENMA Mid-Delta Prgr	Tanta	100	0400-2200 in Arabic
1170	SWZ	TWR Swaziland	Mpangela Range	100	1745-1800sa in Shona, 1800-2015 in English, 2015-2115 in Zulu, 2115-2200mo-sa in Shona, 2115-2130su in Ndau, 2130-2200 in Shona
1179	CNR	SER Tenerife	Santa Cruz de Ten.	25	24h in Spanish
	EGY	ENMA General Prgr	Quena	10	0300-0000 in Arabic
	MOZ	Em Prov de Zambezia	Quelimane	50	0240-2200 (24h ss) in Portuguese/local langs
1197	LSO	LNBS Ultimate FM	Lancer's Gap	50	24h in English
1206	MOZ	Em Prov de Inhambane	Inhambane	50	0240-2200 (24h ss) in Portuguese/local langs
	ROD	RM1, R Maurice	Citronelle	1	24h in French/English/Rodriguan Creole
1215	BOT	R Botswana	Mahalapye	50	24h in Setswana/English
	ETH	Gimbi Education R	Gimbi	10	-2000v in Oromo(?)

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1224	MOZ NIG	Em Prov de Cabo Delgado R Plateau	Pemba Jos	50 50	0240-2200 (24h ss) in Portuguese/local langs 0500-2300 in English/local languages
1233	KEN	KBC R Taifa	Marsabit	50	0155v-2055v in Swahili
1260	MOZ	Em Prov do Niassa	Lichinga	50	0240-2200 in Portuguese/local languages
1269	AFS NIG	ArrowLine Chinese R Taraba State BC	Edenvale Jalingo	2 10	24h in Chinese 0500-2300 in English/local languages
1278	EGY	ENMA General Prgr	Aswan	10	0300-0000 in Arabic
1290	AGL	Em Prov do Zaire	Soyo	5	24h in Port./local langs (subject to confirmation)
1296	SDN	SRTC General Prgr	Reiba	600	currently off-air
1305	EGY	ENMA General Prgr	Asyut	10	0300-0000 in Arabic
1314	EGY EGY	ENMA General Prgr ENMA S Upper Egypt R	Nag Hamadi Abu Simbel	1 1	0300-0000 in Arabic 0400-2200 in Arabic
1323	TZA	R One	Moshi	10	CRI prgrs in English ...-1800
1341	EGY EGY EGY	ENMA Songs/Cultural Prgr ENMA General Prgr ENMA General Prgr	Cairo Idfu Siwa	100 10 10	0500-1700 Nile R Netw in Arabic, 1700-0300 Cultural Prgr in Arabic 0300-0000 in Arabic 24h in Arabic
1350	BOT EGY	R Botswana ENMA General Prgr	Tshabong Qusayr	50 10	24h in Setswana/English 0300-0000 in Arabic
1359	ETH	Voice of Tigray Revoution	Mekele	100	0300-2000 in Tigrinya/Afar
1368	AFS EGY SEY	Eden Radio AM 1368 ENMA General Prgr SBC R	Bedfordview El Kharga Victoria	1 10 10	24h in English 0300-0000 in Arabic 0200-1800 in Creole/English/French
1377	TZA	R Free Africa	Mwanza	10	Swahili/English
1386	EGY EGY KEN	ENMA S Upper Egypt R ENMA General Prgr KBC R Taifa/English Sce	Luxor Baranis Maralal	10 1 100	0400-2200 in Arabic 0400-2200 in Arabic ...-2100 in Swahili; 2100-... in English
1404	MWI	MBC Radio 1	Chitipa	10	24h in English/Chichewa
1422	AFS ALG MWI	Hellenic R RTA various services MBC Radio 1	Bedfordview Algiers Matiya	1 40 10	24h in Greek/English 24h in Arabic/French 0200-2200 in English/Chichewa
1431	DJI	Voice of America relay	Dorale	600	1530-1600 VOA Learning English, 1600-1700 English, 1700-1800 Somali, 1800-1830 English, 1830-2030 French, 2030-2100mf South Sudan in Focus in English, 2030-2100ss VOA Learning English in French, 2100-0300 English
1440	AFS NIG	R Pulpit Adamawa BC	Kameeldrift Yola	10 10	DRM Tests, English/Afrikaans 0430-2300 in English/local languages
1458	AGL	Em Prov do Moxico	Luena	10	24h in Port./local langs (subject to confirmation)
1476	BEN EGY	TWR Benin ENMA N Upper Egypt R	Cotonou El Minya	200 10	0320(0430su)-0550(0515su) and 1726-1929 0400-2200 in Arabic

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1485	AFS	R Today	Johannesburg	1	24h in English
	ETH	R Ethiopia National Sce	Negele	10	0245-2000/2100 in Amharic/local languages
	MEL	SER R Melilla	Melilla	1	24h in Spanish
	SDN	SRTC Al-Qadarif State R	Al-Qadarif	5	0300-2100 in Arabic
1503	EGY	ENMA Holy Qur'an Prgr	El Arish	25	24h
1530	STP	Voice of America relay	Pinheira	600	0300-0430 in English, 0500-0530 in Hausa, 0530-0600mf in French, 0600-0700 in English, 1600-1700 in English, 1700-1800 in Portuguese, 1830-2000 in French, 2000-2200 in English
1548	AFS	R Islam	Lenasia	10	24h in English
1550	SAH	National R of SADR	Rabouni	50	0700-1300(irregular) & 1700-2300 in Arabic/Hassaniyya
1566	BEN	TWR Benin	Parakou	100	0430-0505(0520sa/su) and 1855-2215
1575	EGY	ENMA Y&S/Educ/HQ Prgr	Al-Qusayr	10	0500-2200 in Arabic
	MAU	BBC World Service relay	Bigara	2	24h in English
1584	AFS	Radio 1584	Pretoria	0.25	24h in English
	CEU	Radiolé Costa del Estrecho	Ceuta	5	24h in Spanish
	EGY	ENMA S Upper Egypt R	Idfu	10	0200-2200 in Arabic
	EGY	ENMA El Wady El Gadid R	Baris	1	0400-2200 in Arabic
	SDN	SRTC White Nile State R	Kosti	5	0300-2100 in Arabic
1593	EGY	ENMA Matruh R	Matruh	10	0200-2200 in Arabic
1602	EGY	ENMA Matruh R	Siwa	10	0200-2200 in Arabic
	EGY	ENMA S Upper Egypt R	Nag Hamadi	10	0200-2200 in Arabic
	SDN	SRTC S Kurdufan State R	Kaduqli	5	0300-2100 in Arabic

# British DX Club

## Africa on Mediumwave and Shortwave

Compiled by Tony Rogers

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WRTH Online (for latest updates to WRTH)

WWDXC Top News / BC-DX (Wolfgang Bueschel)

Ydun's Medium Wave Info (Ydun Ritz)

anything or anyone missed? ... please let me know!

This guide provides information about the mediumwave and shortwave radio scene in African countries. Some of this could become outdated with time. If you could provide updated information or spot any errors, please contact the editor at [tony@bdxc.org.uk](mailto:tony@bdxc.org.uk). Thank you