

**British DX Club**

**Africa on  
Mediumwave and Shortwave**



**Guide to Mediumwave and Shortwave  
Broadcasting from and to Africa**

**May 2018**

# Algeria

## Radio Algérienne

Radio Algérienne is part of Entreprise Nationale de Radiodiffusion Sonore (ENRS). It operates national and regional stations on longwave, mediumwave and FM.

### Stations currently broadcasting on longwave and mediumwave in Algeria

kHz	Station	Location	kW	Schedule
153	Chaîne 1	Béchar		irregular & on low power
198	Chaîne 1	Ouargla		irregular & on low power
252	Chaîne 3	Tipaza	1500	24h in French; half-power 1900-0600
531	Jil FM	F'kirina Wilaya, Oum El Bouaghi	600	24h in Arabic/French/Tamazight
549	Jil FM	Sidi Hamadouche, Sidi Bel-Abbes	600	24h in Arabic/French/Tamazight
558	Radio Ouargla	Touggourt, Ouargla	10	24h in Arabic, including relays of Chaîne 1
576	Radio Béchar	Béchar, Béchar	400	24h in Arabic; half-power 1900-0600
666	Radio Tindouf	Tindouf, Tindouf	10	24h in Arabic, including relays of Chaîne 1
693	Chaîne 2	Abouidid, Tizi Ouzou	5	24h in Tamazight
693	Radio Adrar	Reggane, Adrar	10	24h in Arabic, including relays of Chaîne 1
702	Radio Laghouat	Laghouat, Laghouat	25	24h in Arabic/French, incl relays of Chaîne 3
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; noted with DRM transmissions carrying Chaîne 1 and Jil FM
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	Various	Algiers, Algiers	50	Radio Coran: 0100-1200 in Arabic Chaîne 1: 1200-1900 in Arabic Radio Culture: 1600-2200 in Arabic Chaîne 3: 2200-0100 in French
1550	National R of SADR	Rabouni, Tindouf	50	see entry for Western Sahara

### Radio Algérienne shortwave service

Shortwave services from Radio Algérienne are relayed from TDF Issoudun in France for listeners in North Africa and the Sahel. Programmes are mainly in Arabic with some news bulletins in French.

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

Times/UTC	Days	Language	Target	kHz
0400-0500	Daily	Arabic	North Africa/Sahel	6050-iss
0500-0600	Daily	Arabic	North Africa/Sahel	7295-iss 9535-iss
0600-0700	Daily	Arabic	North Africa/Sahel	9620-iss
1800-1900	Daily	Arabic	North Africa/Sahel	13820-iss
1900-2000	Daily	Arabic	North Africa/Sahel	11765-iss 12060-iss
2000-2100	Daily	Arabic	North Africa/Sahel	9655-iss 12060-iss
2100-2200	Daily	Arabic	North Africa/Sahel	5930-iss 9655-iss
2200-2300	Daily	Arabic	North Africa/Sahel	5930-iss

### New shortwave transmitters being installed

Two new 250 kW shortwave transmitters for Radio Algérienne are currently being installed at Ourgla and Bechar in Algeria and are expected to be operational sometime in 2018. Although not yet on air, the following frequencies for the new transmitters have been registered with HFCC for A-18 for proposed broadcasts to North Africa and the Sahel:

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

Times/UTC	Registered freq (kHz)	Times/UTC	Registered freq (kHz)
0200-0400	6090-org 7335-bec	1300-1600	15485-org 17485-bec
0400-0600	5995-org 6090-org 6100-bec	1800-2000	13585-bec 13775-org
0600-0700	6090-org 11760-bec 11900-bec	2000-2100	9850-bec 13775-org
0700-0800	11900-bec 13650-org	2100-2200	7250-org 9850-bec
0800-1000	13650-org 17765-bec	2200-0000	6090-org 7285-bec
1000-1300	13675-org 15185-bec		

# Angola

## Radio Nacional de Angola

RNA is the official state-operated radio station with headquarters in Luanda.

### RNA Canal A

Canal A is the national service in Portuguese. The main news programmes are at 1200 and 1900.

**Transmitter site:** Luanda-Mulenvos - MW: 10 kW; SW: 25 kW.

Times/UTC	Days	Language	Target	kHz
24 hours	Daily	Portuguese	Domestic	1134 4949.7

### Radio N'gola Yetu

Radio 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	Days	Language	Target	kHz
0000(0100mo)-1200	Daily	National Languages	Domestic	945
1200-1300	Daily	Relay Canal A News in Portuguese	Domestic	945
1300-2000(2100su)	Daily	National Languages	Domestic	945

### RNA International Service

RNA's International Service is primarily for expatriots living in Angola and listeners in neighbouring countries.

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

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

### Emissora Provincial da Rádio Nacional de Angola do Zaire

Possibly the only remaining provincial station operating on mediumwave and shortwave in Angola.

**Transmitter site:** Soyo, Zaire Province - 5 kW.

Times/UTC	Days	Language	Target	kHz	note
24 hours	Daily	Portuguese/local languages	Domestic	1290	2300-0400 relay Canal A in Portuguese

### Target broadcasts 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, Sao Tome (sao) - MW 600 kW, SW 100 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Moepeng Hill, Botswana (bot) - 100 kW.

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

# Ascension Island

## 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	6035
0500-0600	Daily	R Ndarason Int	Kanuri	West Africa	5960
0529-0600	Daily	BBC	Hausa	West Africa	6135
0600-0629	Daily	BBC	French	West & Central Africa	5875 7305
0600-0700	Daily	BBC	English	West & Central Africa	6005 7345
0600-0700	Daily	R Ndarason Int	Kanuri	West Africa	7415
0629-0700	Daily	BBC	Hausa	West Africa	5875 7305
0700-0729	Daily	BBC	French	West Africa	9440
0700-0800	Daily	BBC	English	West & Central Africa	9410 11770 12095
1100-1600	Sat	BBC	Hausa	West Africa	17780

Times/UTC	Days	Station	Language	Target	kHz
1200-1230	Daily	BBC	French	West & Central Africa	15400
1300-1400	Daily	Deutsche Welle	Hausa	West Africa	17800
1325-1530	Sat	Deutsche Welle	Hausa	West Africa	17840
1330-1600	Sat	BBC	Hausa	West Africa	17780
1400-1430	Mon-Fri	BBC	Hausa	West Africa	17780
1500-1600	Sat	BBC	Somali	Horn of Africa	17745
1600-1700	Daily	BBC	English	West & Central Africa	17640 17830
1600-1700	Sat	BBC	Hausa	West Africa	15685
1700-1800	Daily	BBC	English	West & Central Africa	15400 17780 17830
1730-1750	Mon-Fri	BBC	Amharic	Horn of Africa	17745
1750-1810	Mon-Fri	BBC	Oromo	Horn of Africa	17745
1800-1830	Daily	BBC	French	West & Central Africa	12005 15490
1800-1900	Daily	BBC	English	West & Central Africa	11810 15400
1800-2100	Daily	R Ndarason Int	Kanuri	West Africa	12050
1810-1830	Mon-Fri	BBC	Tigrinya	Horn of Africa	17745
1830-1850	Mon-Fri	BBC	Amharic	Horn of Africa	15490
1850-1910	Mon-Fri	BBC	Oromo	Horn of Africa	15490
1900-1930	Sun	Follow the Bible	English	West Africa	9600 12030
1900-2000	Daily	BBC	English	West & Central Africa	11810 15400
1910-1930	Mon-Fri	BBC	Tigrinya	Horn of Africa	15490
1930-2000	Daily	BBC	Hausa	West Africa	11660 15490
2000-2030	Fri	BBC	Hausa	West Africa	11660 15490
2000-2100	Daily	BBC	English	West & Central Africa	11810 12095
2100-2200	Mon-Fri	BBC	English	West & Central Africa	9410 12095
2130-2200	Mon-Fri	Voice of America	Bambara	West Africa	9490
2145-2215	Mo/Th/Sa	R Akhbar Mufriha	Hassinya	West Africa	9530
2145-2215	Tue/Fri/Su	R Akhbar Mufriha	Pulaar	West Africa	9530

## Benin

### Office de Radiodiffusion et Télévision du Bénin

Office de Radiodiffusion et Télévision du Bénin (ORTB) is the state broadcaster of Benin. It operates on FM only. 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.

### TWR Benin

TWR Benin went on air on 1 February 2008 and broadcasts Christian programming to West Africa. The mediumwave transmitter at Parakou on 1566 kHz covers a large portion of West Africa.

**Transmitter site:** Parakou - mediumwave 100 kW.

Times/UTC	Days	Language	kHz	Times/UTC	Days	Language	kHz
0315-0330	Mon-Fri	English	1566	1910-1925	Daily	Kanuri	1566
0330-0430	Mon-Fri	Hausa	1566	1925-1940	Mon-Fri	Kotokoli	1566
0335-0345	Sat/Sun	English	1566	1925-1940	Sat	Ditamari	1566
0345-0430	Sat/Sun	Hausa	1566	1925-1940	Sun	Lopka	1566
0430-0500	Daily	English	1566	1940-2010	Mon-Fri	Fon	1566
0500-0515	Sat/Sun	Twi	1566	1940-2010	Sat/Sun	Fulfulde	1566
0500-0530	Mon-Fri	Twi	1566	2010-2025	Sat	Songhai	1566
0515-0530	Sat/Sun	Ewe	1566	2010-2025	Sun/Mon	Dendi	1566
0530-0545	Daily	English	1566	2010-2025	Tue/Wed	Fongbe	1566
1725-1745	Daily	Fongbe	1566	2025-2040	Mon-Wed	Moore	1566
1745-1820	Daily	English	1566	2025-2040	Fri	Bambara	1566
1820-1855	Daily	Yoruba	1566	2025-2040	Thu	Jula	1566
1855-1910	Mon-Fri	Hausa	1566	2025-2040	Sat/Sun	Igbo	1566
1855-1910	Sat	Yoruba	1566	2040-2215	Daily	French	1566
1855-1910	Sun	Fon	1566	2215-2230	Mon-Fri	French	1566

Trans World Radio plans to apply for a second licence for broadcasts from its present site at Parakou. The first transmitter on 1566 kHz went on the air in 2008. Years ago, the Protestant missionary broadcaster also announced plans for a shortwave transmitter, but this idea was evidently dropped. The proposed new 200 kW transmitter will broadcast on mediumwave, although the frequency is not yet announced (Dr Hansjoerg Biener, 26 September 2016, DX Listening Digest)

# Botswana

## Radio Botswana

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

### **Radio Botswana National Service (RB1) on mediumwave**

<b>kHz</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
531	Maun, North-West District	50	24h in Setswana and English
558	Muchenje, North-West District	50	24h in Setswana and English
621	Selebi-Phikwe, Central District	100	24h in Setswana and English
648	Mopipi, Central District	50	24h in Setswana and English
693	Shakawe, North-West District	25	24h in Setswana and English
873	Ghanzi, Ghanzi District	50	24h in Setswana and English
945	Mmathethe, Southern District	25	24h in Setswana and English
972	Takatokwane, Kweneng District		24h in Setswana and English
1071	Jwaneng, Southern District	25	24h in Setswana and English
1215	Mahalapye, Central District	50	24h in Setswana and English
1350	Tshabong, Kgalegadi District	50	24h in Setswana and English

## IBB Botswana Transmitting Station

The IBB Botswana Transmitting Station at Moepeng Hill was opened in 1991.

**Transmitter site:** Selebi-Phikwe, Moepeng Hill - mediumwave 600 kW (on 909 kHz); shortwave 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	VOA	English	Africa	909 4930 5925 6080
0330-0400	Daily	VOA	Rwanda-Rundi	Great Lakes Region	9685
0400-0500	Daily	VOA	English	Africa	909 4930(mo-fr) 5925 7375
0400-0500	Sat/Sun	VOA	Studio 7	Zimbabwe	4930
0430-0530	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes Region	11995
0500-0600	Daily	VOA	English	Africa	909 4930 15580
0530-0630	Mon-Fri	VOA	French	Africa	13830
0600-0700	Daily	VOA	English	Africa	909 15580
0700-0730	Daily	VOA	Hausa	West Africa	17700
0830-0900	Wed/Sat	VOA	French	West/Central Africa	13830 17530
1030-1100	Daily	VOA	Somali	Horn of Africa	11760
1100-1130	Sat	VOA	French	West/Central Africa	15730
1300-1400	Daily	VOA	Somali	Horn of Africa	15620
1400-1500	Daily	VOA	English	Africa	4930 6080 15580
1400-1500	Daily	VOA	Kurdish	Middle East	15605
1500-1600	Daily	VOA	English	Africa	4930 6080 15580 17530
1600-1630	Daily	VOA	English	Africa	909 4930 15580
1600-1630	Daily	VOA	Rwanda-Rundi	Great Lakes Region	13630
1600-1700	Daily	VOA	Somali	Horn of Africa	15620
1630-1700	Daily	VOA	English	Africa	909 4930 15580(sa/su)
1630-1700	Daily	VOA	Swahili	East Africa	15260
1700-1800	Daily	VOA	Portuguese	Southern Africa	13630
1730-1800	Daily	VOA	English	Africa	15580
1700-1800	Daily	VOA	Studio 7	Zimbabwe	909 4930 6040
1800-1900	Daily	VOA	English	Africa	909 4930 6080 15580
1800-1830	Mon-Fri	VOA	Portuguese	Southern Africa	13630
1830-1930	Daily	VOA	English	Africa	909 4930 6080 15580
1830-1900	Daily	VOA	French	Central/West Africa	9885
1900-1930	Mon-Fri	VOA	Tigrinya	Horn of Africa	12110
1930-2000	Daily	VOA	Learning English	Africa	909 4930 6080 15580
1930-2000	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes Region	11780
2000-2030	Daily	VOA	French	Central/West Africa	5970
2000-2100	Daily	VOA	English	Africa	909 4930 6195
2030-2100	Sat/Sun	VOA	French	West Africa	11900
2100-2130	Mon-Fri	VOA	French	Central/West Africa	5970
2100-2200	Daily	VOA	English	Africa	6195

# Burkina Faso

## Radio Burkina

Radio Burkina is the state-run broadcasting service, is on FM only. It was last reported on shortwave in 2010. There are currently no other mediumwave or shortwave stations known to be broadcasting in Burkina Faso.

## Burundi

### Radio Télévision Nationale du Burundi

RTNB is the state broadcasting service of Burundi. It broadcasts on FM only. RTNB was last reported on shortwave in mid-2003 on 6140 kHz.

### Target broadcasts to Burundi

#### Voice of America Great Lakes Service

VOA started additional broadcasts to the Great Lakes region on 11 May 2015 following disturbances in Burundi that arose when President Pierre Nkurunziza announced he was running for a third term in office. VOA added additional shortwave broadcasts with an expanded call-in show and new drive-time newscasts. Broadcasts consist of programmes in both Kirundi and Kinyarwanda (designated Rwanda-Rundi)

**Transmitter sites:** Moepeng Hill, Botswana (bot) - 100 kW; Pinheira, Sao Tome (sao) - 100 kW; Dhabbaya (dha) - 250 kW; Meyerton, South Africa (mey) - 100 kW.

Times/UTC	Days	Language	Target	kHz
0330-0430	Daily	Rwanda-Rundi	Great Lakes	7325-sao 9685-bot 9815-sao
0430-0505	Mon-Fri	Rwanda-Rundi	Great Lakes	7325-sao 9815-sao 11995-bot
0505-0530	Mon-Fri	English	Great Lakes	7325-sao 9815-sao 11995-bot
1400-1500	Sat/Sun	Rwanda-Rundi	Great Lakes	15460-mey 15675-sao 17530-sao
1600-1630	Daily	Rwanda-Rundi	Great Lakes	13630-bot 15460-sao 17530-sao
1830-1900	Mon-Fri	Rwanda-Rundi	Great Lakes	11780-mey 13630-dha
1930-2000	Mon-Fri	Rwanda-Rundi	Great Lakes	6040-sao 9470-sao 11780-bot

## Cameroon

### Cameroon Radio and Television

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

## Canary Islands

All broadcasting in the Canary Islands is on mediumwave and FM. RNE once had a shortwave relay station at Las Mesas, Tenerife, with two 50 kW transmitters for relays to the Americas, which remained in service until 1988.

### Stations currently broadcasting on mediumwave in the Canary Islands

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

Manuel Méndez reports that he heard COPE Gran Canaria reactivated on 837 kHz whilst listening in Lanzarote in November 2017. This station had previously been reported inactive. However, Radio ECCA on 1269 kHz, which was last reported four years ago, and ES Radio Las Palmas on 1008 kHz are both still off air.

## Cape Verde

### Radio Nacional de Cabo Verde

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

## Central African Republic

### Radio Centrafrique

Radio Centrafrique is the state-operated radio service of the Central African Republic. It currently broadcasts only on FM in Bangui. Reactivation of both mediumwave and shortwave transmitters on 1440 kHz and 5035/7220 kHz is said to be planned, neither of which has been reported since at least 2012.

## **Radio Maïngo**

Radio Maïngo (previously known as Radio IDCI) 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 IDCI, 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 Maïngo broadcasts its programmes in French, Sango 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 Maïngo's website also says it broadcasts programmes daily from Radio Ndeke Luka, established by the French-based Fondation Hirondelle, and the Network of Journalists for Human Rights (RJDH).

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

Times/UTC	Days	Languages	Target	kHz
0600-1100	Daily	French/Sango/Fulfulde	Domestic	6030
1300-1600	Daily	French/Sango/Fulfulde	Domestic	6030

## **Ceuta**

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

### **Stations currently broadcasting in Ceuta on mediumwave**

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

## **Chad**

### **Office Nationale de Radiodiffusion et de Télévision du Tchad**

ONRT (Radio Tchad) is the state-operated broadcasting service of Chad. It broadcasts on FM and irregularly on shortwave. Its most recent shortwave transmitter was commissioned in 1984 and refurbished in 2004 thanks to financial and technical help from Taiwan. It had not been reported on its usual frequency of 6165 kHz since October 2013 but was briefly reactivated in March 2016, prior to presidential elections in Chad. However, it is believed to have been inactive again since then.

### **Target broadcast to the Lake Chad Basin Region**

#### **Radio Ndarason Internationale**

Radio Ndarason Internationale will be the name of a new service from Dandal Kura for the Lake Chad Basin region. Shortwave transmissions began on 24 February 2018. It is based in N'djamena, Chad, and is the sister station of Radio Dandal Kura International (see target broadcasts to Nigeria). Mauno Ritola on the WRTH Facebook page first reported the station and confirms the website as [www.ndarason.com](http://www.ndarason.com). The vision of the station is "to establish an International Radio that will essentially tell the story of the Lake Chad Basin Region to the larger world in a way that it promotes peace and prosperity" and its mission is "to provide a veritable platform where people from all walks of life, irrespective of personal persuasions, will freely trade their views and ideas in such a way that would promote peace, peaceful coexistence and prosperity in the Lake Chad Basin Region as well as projecting the rich history, culture, concerns, aspirations and achievements of the peoples of this region to the world in a modern and professional way". David Smith, director of Okapi Consulting who manage the project, confirmed in an email to Glenn Hauser that "Radio Ndarason Internationale is still Dandal Kura, but in a state of transition - we remain Dandal Kura until official registration is complete, and here in Chad this can take a while. The raison d'être for the station remains the same. We are in partnership with the Lake Chad Basin Commission and are committed to promoting dialogue in the region that will lead to stability, peace and progress. Ndarason is a Kanuri language word (the dominant language around Lake Chad) that means "everywhere you go" - or, other words - the radio that follows you around". It also broadcasts in N'djamena on 107.1 FM.

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

Times/UTC	Days	Languages	Target	kHz
0500-0600	Daily	Kanuri/Kanembu/French	Lake Chad Basin Region	5960-asc
0600-0700	Daily	Kanuri/Kanembu/French	Lake Chad Basin Region	7415-asc
0700-0800	Daily	Kanuri/Kanembu/French	Lake Chad Basin Region	13810-wof
1800-2100	Daily	Kanuri/Kanembu/French	Lake Chad Basin Region	12050-asc

## **Comoros**

### **Radio Comores**

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

## Democratic Republic of Congo

### Radio-Télévision Nationale Congolaise

RTNC is the state broadcasting station in DRC with national and provincial services on FM only.

### Radio Télé Candip

Radio Télé Candip is an educational radio station established in 1974. It has been controlled by rebel factions in the past.

**Transmitter site:** Bunia, Ituri Province, Eastern DRC - 1 kW.

Times/UTC	Days	Languages	Target	kHz
0250v-0700 and 1300-1900v	Daily	French and local languages	Domestic	5066.3

### Best Radio

Best Radio (formerly known as Radio Kahuzi) is operated by a Christian group called Believer's Express Service, Inc. The station was established by Richard and Kathy McDonald that 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.

**Transmitter site:** Bukavu, South Kivua Province, Eastern DRC - 0.8 kW.

Times/UTC	Days	Languages	Target	kHz
0700v-1500v	Daily	French, local languages, and some English	Domestic	6210

## Republic of Congo

### Telediffusion du Congo - Radio Congo

Radio Congo is the government-controlled broadcasting service of the Republic of Congo. The National Network is aired primarily on FM but Radio Congo maintains a shortwave transmitter for daytime coverage.

characterised by its abrupt sign-off anywhere between 1830-1900.

Times/UTC	Days	Languages	Target	kHz	Note
0500-1830/1900v	Daily	French and local languages	Domestic	6115	Sign-off time varies, often cut mid-sentence

## Djibouti

### Radiodiffusion Television de Djibouti

RTD is the state broadcasting service of Djibouti. Radio Djibouti currently operates on FM only with mediumwave and shortwave transmitters currently inactive, but these are expected to return after transmitter site relocation. Radio Djibouti has in the past operated in Arabic and Somali on 1539 and 4780 kHz and in Afar and French on 1161 kHz.

### IBB Djibouti Transmitting Station

The IBB Djibouti Transmitting Station was opened in 2005. It currently carries Radio Sawa and the Voice of America.

**Transmitter site:** Dorale, Djibouti (dji) - 600 kW.

Times/UTC	Days	Service	Language	Target	kHz
1600-1630	Mon-Fri	Voice of America	Amharic	Horn of Africa	1431-dji
1600-1630	Sat/Sun	Voice of America	Somali	Horn of Africa	1431-dji
1645-0400	Daily	Radio Sawa	Arabic	North-West Africa/Arabian Peninsula	1431-dji

## Egypt

### Egyptian Radio and Television Union

ERTU is owned by the Egyptian government. It operates an extensive broadcasting network of stations throughout Egypt.

### Egyptian Radio mediumwave transmitters:

kHz	Station	Location	kW	Schedule
558	Educational Prgr	Cairo	100	0400-0000 in Arabic
603	Holy Qur'an Prgr	Sohag	50	0200-2200 in Arabic
621	Voice of the Arabs	Batra	1000	24h in Arabic
702	South Upper Egypt R. El Wady El Gadid R.	Aswan El Kharga	10 10	0200-2200 in Arabic, also relay Holy Qur'an Prgr 0400-2200 in Arabic, also relay Youth/Sports & Holy Qur'an
711	Youth and Sports Prgr	Cairo	100	24h in Arabic
756	South Upper Egypt R.	Qena	10	0200-2200 in Arabic, also relay Holy Qur'an Sce
774	Middle East Prgr	Abis	500	24h in Arabic
819	General Prgr	Batrah	1000	24h in Arabic
864	Holy Qur'an Prgr	Santah	500	24h in Arabic
882	General Prgr	Matruh	10	1100-0700 (Fri 24h) in Arabic
918	General Prgr	Bawti	10	24h in Arabic
936	Om Kalthoum Prgr General Prgr	Cairo Sallum	50 10	1500-2000 in Arabic 24h in Arabic



<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
981	North Upper Egypt R. General Prgr	Asyut Abu Simbel	10 1	0200-2200 in Arabic, also relay Holy Qur'an Prgr 24h in Arabic
	General Prgr	Baris	1	0300-0000 in Arabic
1008	Palestine/Tourist Prgrs	El Arish	100	0600-1500 in Arabic, 1500-1600 in Russian, 1600-1640 in English, 1640-1700 in French, 1700-2200 in Hebrew
	North Upper Egypt R. General Prgr	Faiyum Farafra	10 1	0400-2000 in Arabic 24h in Arabic
1071	Adults Prgr	Cairo	100	0300-1500 in Arabic
1080	General Prgr General Prgr	El Minya Luxor	100 10	0300-0000 in Arabic 0300-0000 in Arabic
1161	Mid-Delta Prgr	Tanta	100	0400-2000 in Arabic
1179	General Prgr	Quena	10	0300-0000 in Arabic
1188	General Prgr	Ras Gharib	10	0300-0000 in Arabic
1278	General Prgr	Aswan	10	0300-0000 in Arabic
1305	General Prgr	Asyut	10	0300-0000 in Arabic
1314	General Prgr General Prgr	Hurghada Nag Hamadi	10 1	0300-0000 in Arabic 0300-0000 in Arabic
	South Upper Egypt R.	Abu Simbel	1	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1341	Songs/Cultural Prgr HQ/Y&S/Educ. Prgrs	Cairo Bawiti	100 10	0500-1700 Songs Prgr, 1700-0100 Cultural Prgr 0200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
	General Prgr	Siwa	10	24h in Arabic
1341	General Prgr	Idfu	10	0300-0000 in Arabic
1350	General Prgr	Qusayr	10	0300-0000 in Arabic
1368	General Prgr HQ/Y&S/Educ. Prgrs	El Kharga El Farafra	10 10	0300-0000 in Arabic 0200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
1386	South Upper Egypt R. General Prgr	Luxor Baranis	10 1	0200-2200 in Arabic, also relay Holy Qur'an Prgr 0300-0000 in Arabic
1422	HQ/Y&S/Educ. Prgrs	Gharib	10	0200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
	Matruh R.	Salum	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1476	North Upper Egypt R.	El Minya	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1503	North Sinai R.	El Arish	25	0400-2300 in Arabic; also broadcasts Matruh R.
1575	HQ/Y&S/Educ. Prgrs	Al-Qusayr	10	200-0500 Holy Qur'an Prgr, 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	0200-2200 in Arabic, also relay Holy Qur'an Prgr 0400-2200 in Arabic, also relay Youth/Sports & Holy Qur'an
1593	Matruh R.	Matruh	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1602	South Upper Egypt R. Matruh R.	Nag Hamadi Siwa	10 10	0200-2200 in Arabic, also relay Holy Qur'an Prgr 0200-2200 in Arabic, also relay Holy Qur'an Prgr

### **Radio Cairo**

Radio Cairo is the external service of Egyptian radio.

**Transmitter sites:** Abis (abs) - 100/150/200/250 kW; Abu Zaabal (abz) - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0400-0600	Daily	Swahili	East Africa	13780-abs
1300-1400	Daily	Dari	West Asia	15630-abs
1400-1600	Daily	Pashto	West Asia	13810-abs
1500-1600	Daily	Albanian	South-East Europe	9830-abs
1600-1700	Daily	Afar	East Africa	15450-abz
1600-1800	Daily	Swahili	East Africa	15530-abs
1700-1900	Daily	Turkish	South-East Europe	9800-abs
1700-1730	Daily	Somali	East Africa	15285-abz
1730-1900	Daily	Amharic	East Africa	15285-abz
1800-1900	Daily	Italian	Southern Europe	9490-abs
1800-2100	Daily	Hausa	West Africa	9325-abs
1900-2000	Daily	Russian	Russia	9605-abs
1900-2000	Daily	German	Central Europe	9570-abs
1900-2030	Daily	English	West Africa	15290-abz
2000-2115	Daily	French	Western Europe	9895-abs
2115-2245	Daily	English	Western Europe	9800-abs
2215-2330	Daily	Portuguese	South America	9710-abs
2330-0045	Daily	Arabic	South America	9660-abs
0045-0200	Daily	Spanish	The Americas	9665-abs

**Note:** Many transmissions have severe technical problems such as extreme distortion, low modulation or undermodulation.

## 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.

Times/UTC	Languages	Target	kHz
0500v-2300v	Spanish/Bubi/Fang	Domestic	5005

#### 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) but since 2011 there had been no positive reports of the station until 26 July 2017. Although heard widely for a few days it was reported to be silent again by 30 July 2017.

**Transmitter site:** Malabo (Semu) - 20 kW.

Times/UTC	Languages	Target	kHz
0500v-2300v	Spanish/Bubi/Fang	Domestic	6250 - currently believed to be silent

## Eritrea

### Voice of the Broad Masses of Eritrea

Eritrean Radio, known as the Voice of the Broad Masses of Eritrea (Dimtsi Hafash), is state run and operates two domestic networks.

#### Voice of the Broad Masses of Eritrea - Programme 1

Programme 1 is the main service of Eritrean radio.

**Transmitter site:** Asmara-Salai Dairo: 100 kW on both mediumwave and shortwave

Times/UTC	Days	Languages	Target	kHz
0255-1000	Daily	Tigrinya/Tigre/Kunama	Domestic	950 and 7140/7145v
1300-1830v	Daily	Tigrinya/Tigre/Kunama	Domestic	950 and 7140/7145v

#### Voice of the Broad Masses of Eritrea - Programme 2

Programme 2 is a service for the minority groups in Eritrea. Ethiopian opposition programmes are also aired on the shortwave frequency which results in heavy jamming by the Ethiopian authorities.

**Transmitter site:** Asmara-Salai Dairo: 100 kW on both mediumwave and shortwave

Times/UTC	Days	Languages	Target	kHz
0255-1000	Daily	Arabic/Afar/Amharic/Oromo/Saho/Bilen/Hedareb/Nara/Somali	Domestic	850 and 7175/7180v
1430-1830v	Daily	Arabic/Afar/Amharic/Oromo/Saho/Bilen/Hedareb/Nara/Somali	Domestic	850 and 7175/7180v

## Ethiopia

### Ethiopian Broadcasting Corporation

EBC 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. EBC national and external services identify as Radio Ethiopia.

#### Ethiopian national and regional stations currently broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
684	Radio Ethiopia National Service	Metu, Oromiya	100	0300-2100
801	Amhara State Regional Radio	Bahir Dar, Amhara	100	0300-0600, 0900-1100, 1400-1900
828	Radio Ethiopia National Service	Arba Minch, SNNPR	100	0300-2100
837	Radio Oromiya	Robe, Oromiya	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
855	Radio Ethiopia National Service	Harar, Harari	100	0300-2100
873	Radio Ethiopia National Service	Addis Ababa	100	0300-2100
891	Radio Ethiopia National Service	Dese, Amhara	100	0300-2100
918	Radio Wegahta	Mekele, Tigray	100	see target broadcasts to Eritrea
954	Sidama Community Radio	Irgalem, SNNPR	2.5	current status subject to confirmation
972	Radio Ethiopia National Service	Robe, Oromiya	100	0300-2100
989	Radio Ethiopia External Service	Addis Ababa	1	1200-1830 (see schedule below)
1035	Radio Oromiya	Adama, Oromiya	10	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
1044	Radio Ethiopia National Service	Mekele, Tigray	100	0300-2100
1053	Radio Oromiya	Nekemte, Oromiya	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
1080	Fana Broadcasting Corporation	Addis Ababa	3	0300-1900
1359	Voice of Tigray Revolution	Mekele, Tigray	100	0300-2000
1485	Radio Ethiopia National Service	Negele, Oromiya	10	0300-2100

### **Ethiopian Broadcasting Corporation (Radio Ethiopia) - External Service**

**Transmitter site:** Addis Ababa (Geja) - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Service/Language</b>	<b>Target</b>	<b>kHz</b>
0400-0435/0500	Mon/Wed/Fri	Eritrean opposition prgrs	Horn of Africa/Middle East	7236.8v
1200-1300	Daily	Somali	Horn of Africa/Middle East	7236.8v
1300-1400	Daily	Afar	Horn of Africa/Middle East	7236.8v
1400-1500	Daily	Arabic	Horn of Africa/Middle East	7236.8v
1500-1600	Daily	Eritrean opposition prgrs	Horn of Africa/Middle East	7236.8v
1600-1800	Daily	unconfirmed	Horn of Africa/Middle East	7236.8v
1800-1830	Mon-Sat	Eritrean opposition prgrs	Horn of Africa/Middle East	7236.8v

**Note:** also on mediumwave 989 kHz for listeners in Addis Ababa subject to confirmation.

**Eritrean opposition programmes;** see details below under "Target broadcasts to Eritrea and Ethiopia"

### **Ethiopian regional stations currently broadcasting on mediumwave and shortwave**

#### **Somali Regional State Radio**

**Transmitter site:** Jijiga, Somali Regional State.

<b>Times/UTC</b>	<b>Days</b>	<b>Main languages</b>	<b>Target</b>	<b>kHz</b>
0400-0510+	Daily	Somali/Amharic	Somali Region	5940
1300-1500	Daily	Somali/Amharic	Somali Region	5940
1810-2000	Daily	Somali/Amharic	Somali Region	5940

**Note:** schedule is variable and subject to confirmation

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

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

<b>Times/UTC</b>	<b>Days</b>	<b>Main languages</b>	<b>Target</b>	<b>kHz</b>
0300-1730	Daily	Tigrinya/Amharic	Tigray Region	1359 5950
1730-2000	Mon-Fri	Tigrinya/Amharic	Tigray Region	1359 5950

#### **Radio Oromiyya**

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

<b>Times/UTC</b>	<b>Days</b>	<b>Main languages</b>	<b>Target</b>	<b>kHz</b>
0300-0600	Daily	Oromo/Amharic	Oromiyya Region	837 1035 6030
0600-0900	Sat/Sun	Oromo/Amharic	Oromiyya Region	837 1035 6030
0900-1100	Daily	Oromo/Amharic	Oromiyya Region	837 1035 6030
1100-1530	Sat/Sun	Oromo/Amharic	Oromiyya Region	837 1035 6030
1530-2000	Daily	Oromo/Amharic	Oromiyya Region	837 1035 6030

#### **Amhara Regional State Radio**

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

<b>Times/UTC</b>	<b>Days</b>	<b>Main Languages</b>	<b>Target</b>	<b>kHz</b>
0300-0600	Daily	Amharic/Awinya/Himtinya/Oromo	Amhara Region	801 6090
0900-1100	Daily	Amharic/Awinya/Himtinya/Oromo	Amhara Region	801 6090
1400-2100	Daily	Amharic/Awinya/Himtinya/Oromo	Amhara Region	801 6090

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

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

<b>Times/UTC</b>	<b>Days</b>	<b>Main Languages</b>	<b>Target</b>	<b>kHz</b>
0300-2100	Daily	Amharic/Oromo/Somali/Afar	Domestic	1080 6110

## **Target broadcasts to Eritrea and Ethiopia**

#### **BBC broadcasts to Eritrea and Ethiopia**

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:** Kostinbrod, Bulgaria (sof) - 200 kW; Dhabbaya, UAE (dha) - 250 kW; Ascension Island (asc) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1730-1750	Mon-Fri	Amharic	Horn of Africa	9545-sof 11850-dha 17745-asc
1750-1810	Mon-Fri	Oromo	Horn of Africa	9545-sof 11850-dha 17745-asc
1810-1830	Mon-Fri	Tigrinya	Horn of Africa	9545-sof 11850-dha 17745-asc
1830-1850	Mon-Fri	Amharic	Horn of Africa	9545-dha 15490-asc (repeat of 1730)
1850-1910	Mon-Fri	Oromo	Horn of Africa	9545-dha 15490-asc (repeat of 1750)
1910-1930	Mon-Fri	Tigrinya	Horn of Africa	9545-dha 15490-asc (repeat of 1810)

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

### Voice of America broadcasts to Eritrea and Ethiopia

The Voice of America has provided a service for Ethiopia and Eritrea for many years. However, the nature of its programmes has resulted in the Ethiopian government jamming the broadcasts at times. Ethiopian officials have often described VOA's Amharic Service as the "voice of the opposition", saying its broadcasts reveal an anti-government bias.

**Transmitter sites:** MW: Djibouti (dji) - 600 kW; SW: Moepeng Hill, Botswana (bot) - 100 kW; Kuwait - 250 kW; Lampertheim, Germany (lam) - 100 kW; Pinheira, Sao Tome (sao) - 100 kW; Udon Thani, Thailand (udo) - 250 kW; Woofferton, UK (wof) - 300 kW.

Times/UTC	Days	Language	Target	kHz
1600-1630	Mon-Fri	Amharic	Horn of Africa	1431-dji
1700-1730	Mon-Fri	Amharic	Horn of Africa	12110-udo 15580-sao
1730-1800	Mon-Fri	Oromo	Horn of Africa	11720-mey 12110-lam 12130-udo 15180-sao 15330-sao 15640-wof 15700-lam
1800-1900	Daily	Amharic	Horn of Africa	11720-udo 12110-kwt 12130-udo 15180-udo 15330-wof 15640-wof 15700-lam
1900-1930	Mon-Fri	Tigrinya	Horn of Africa	11720-lam 12110-bot 12130-udo 15180-udo 15330-wof 15640-wof 15700-lam

### Deutsche Welle broadcasts to Eritrea and Ethiopia

Deutsche Welle's Amharic service has been jammed on occasions by the Ethiopian government.

**Transmitter sites:** Issoudun, France (iss) - 500 kW; Dhabbaya, UAE (dha) - 250 kW.

Times/UTC	Days	Language	Target	kHz
1600-1700	Daily	Amharic	Horn of Africa	11995-dha 15275-iss 17800-dha

### Opposition and other target broadcasts to Eritrea

#### Eritrean opposition programmes broadcast over Radio Ethiopia are thought to include:

Times/UTC	Programme	Days	Language	Target	kHz
0400-0435	Voice of Peace and Democracy of Eritrea	Mon/Wed/Fri	Tigrinya	Horn of Africa	7236.8v
0400-0435	Voice of Eritrea (to be confirmed)	Tue/Thu/Sat	Tigrinya	Horn of Africa	7236.8v
1500-1530	Voice of the Democratic Alliance	Mon/Wed/Fri/Sun	Arabic	Horn of Africa	7236.8v
1500-1530	Voice of the Democratic Alliance	Tue/Thu/Sat	Tigrinya	Horn of Africa	7236.8v
1530-1600	Voice of the Democratic Alliance	Mon/Wed/Fri	Kunama	Horn of Africa	7236.8v
1530-1600	Voice of the Democratic Alliance	Tue/Thu/Sat	Afar	Horn of Africa	7236.8v
1530-1600	Voice of the Democratic Alliance	Sun	Tigrinya	Horn of Africa	7236.8v
1800-1835	Voice of Peace and Democracy of Eritrea	Mon/Wed/Fri	Tigrinya	Horn of Africa	7236.8v
1800-1835	Voice of Eritrea (to be confirmed)	Tue/Thu/Sat	Tigrinya	Horn of Africa	7236.8v

### Radio Wegahta / Dimtsi Wegahta (Voice of the Dawn)

Eritrean-opposition station said to be operated by the Charity of Civil Society of Eritrea, but is thought to be run by an Ethiopian government agency. Successor to Al Sharq (Eastern Radio).

**Transmitter site:** Mekele, Tigray Province (mke) - 100 kW.

Times/UTC	Days	Language	Target	kHz
0250-0600	Daily	Tigrinya	Horn of Africa	918-mke
1400-2000	Daily	Tigrinya	Horn of Africa	918-mke

### 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	Language	Target	kHz
1700-1730	Daily	Tigrinya/Arabic	Horn of Africa	9720-sof

### Opposition and other target broadcasts to Ethiopia

Target broadcasts to Ethiopia on shortwave may be jammed by the Ethiopian government.

### Raadiyoo Warra Wangeelaa

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

**Transmitter site:** Kostinbrod, Bulgaria (sof) - 100 kW.

Times/UTC	Days	Language	Target	kHz
1500-1530	Sat	Oromo	Horn of Africa	15515-sof

### Radio Xoriyo (Radio Freedom)

Broadcasts in support of the Ogaden National Liberation Front, a Somali group whose aim is to liberate the Ogaden region from Ethiopian control. It was first heard on shortwave in May 2000.

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

Times/UTC	Days	Language	Target	kHz
1600-1630	Mon/Fri	Somali	Horn of Africa	17870-iss
1600-1630	Tue/Sat	Somali	Horn of Africa	17630-iss

### **Sagalee Qeerroo Bilisummaa (Oromo Voice)**

Broadcasts in support of the National Youth Movement for Freedom and Democracy. It was first heard on shortwave in October 2016.

**Transmitter site:** Issoundun, France (iss) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1600-1630	Mon/Wed/Sat	Oromo	Horn of Africa	17850-iss

### **Radio Voice of Independent Oromia**

First broadcast on shortwave on 3 April 2016.

**Transmitter Site:** Issoundun, France (iss) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>Freq/kHz</b>
1600-1630	Sun	Oromo	Horn of Africa	17850-iss

### **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.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1700-1730	Wed/Fri/Sun	Oromo	Horn of Africa	15420-nau
1730-1800	Wed	Amharic	Horn of Africa	15420-nau

### **Voice of Amara Radio**

Programmes are produced by the charitable NGO Moresh Wegene Amara Oranisation.

**Transmitter site:** Issoudun, France (iss) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1700-1800	Mon/Wed/Sat/Sun	Amharic	Horn of Africa	15360-iss

## **Gabon**

### **Radio Television Gabonaise**

RTG is the state broadcasting service in Gabon. It operates services primarily on FM, although the Provincial Network reportedly still uses mediumwave 549 kHz.

**Transmitter site:** Oyem, Woleu-Ntem - 20 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Service</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0430-0630, 1030-1430, 1600-2230	Daily	RTG Chaîne 2 - Provincial Network	French/local langs	Domestic	549

### **Moyabi Transmitting Station**

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 B-07 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.

## **The Gambia**

### **The Gambia Radio and Television Service**

GRTS is the state broadcasting station in The Gambia. It now operates 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 only. GBC was last reported on shortwave in 2007.

## **Guinea**

### **Radio-Télévision Guinéenne**

RTG is the state broadcasting service of Guinea. Having been inactive on shortwave since at least September 2012, Radio Guinée has heard regularly on 9650 kHz since August 2016.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0600-0000	Daily	French	Domestic	9650

## Guinea-Bissau

### Rádiodifusão Nacional da República de Guiné-Bissau

RDN is the state broadcasting service in Guinea-Bissau operating on FM only. It was last reported on shortwave in 1987.

## Ivory Coast

### Rádiodiffusion-Télévision Ivoirienne

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

## Kenya

### Kenya Broadcasting Corporation

KBC is the state broadcasting service in Kenya. KBS operates services on mediumwave and FM. The last KBC service on shortwave was discontinued in 2006.

#### **KBC on mediumwave:**

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
558	Western Service	Kapsimotwa	25	0300-1905 in local languages from Kisumu studios
567	Radio Taifa	Garissa	50	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
612	Radio Taifa	Ngong	100	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
639	Iftiin FM	Garissa	50	current status subject to confirmation, Facebook page only mentions FM freqs and 1305 kHz, not 639 kHz ...
675	Radio Taifa	Marsabit	50	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
747	Mwatu FM/Nosim FM	Ngong	100	0200-2100 with Mwatu FM in Kamba and Nosim FM in Masai
1107	Radio Taifa	Maralal	100	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
1152	Radio Taifa	Wajir	50	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
1233	English/NE Service	Marsabit	50	0200-2110 in English/local; CRI English at 1700-1800
1305	Iftiin FM	Wajir	50	Prgrs in Somali
1386	English/NE Service	Maralal	100	0200-2110 in English/local; CRI English at 1700-1800

## Lesotho

### Lesotho National Broadcasting Service- Radio Lesotho

LNBS is the state broadcasting service in Lesotho. Radio Lesotho is the main broadcasting station of the LNBS.

**Transmitter site:** Lancer's Gap, Maseru - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
24 hours	Daily	Sesotho/English	Domestic	639

### The Ultimate Radio

The Ultimate Radio, launched by the LNBS in 2006, broadcasts interactive, youth-oriented programmes as well as news flashes in English. The station covers the lowlands of Lesotho and nearby towns in South Africa.

**Transmitter site:** Lancer's Gap, Maseru - 2 x 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
24 hours	Daily	English	Domestic	891 1197

## Liberia

### Liberia Broadcasting System

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

### Radio ELWA

Radio ELWA is a Christian radio station in Monrovia. After having its facilities destroyed in the Liberian civil war, a 1 kW shortwave transmitter built by HCJB Global was installed in 2000 (for 4760 kHz) and a 5 kW shortwave transmitter built by Elcor in 2008 (for 6070 kHz). In early 2011, both shortwave transmitters were inactive due to the theft of copper wire for the antenna and other equipment. In November 2011 it was reported that the Radio ELWA studio compound in Monrovia had been completely destroyed by fire, although they remained on air on FM from a temporary building. On 21 December 2013, Radio ELWA resumed shortwave transmissions on 4760 kHz. However, it has been irregular on this frequency since March 2014. In December 2014, a second transmitter was noted on 6050 kHz.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0530-1000	Daily	English/local languages	Domestic	6050
1700-0000(2230sa/su)	Daily	English/local languages	Domestic	6050

# Libya

## Libyan Radio and Television Network

Libyan Radio and Television Network is the replacement for the Gaddafi-era Libyan Jamahiriya Broadcasting. With the exception of the two mediumwave frequencies mentioned below, all Libyan National Radio stations, as well as private and factional radio stations, are now on FM.

## Libyan National Radio on mediumwave

kHz	Station	Location	kW	Schedule
677.5	Libyan National Radio	Benghazi, Cyrenaica	100	24h in Arabic
1053	Libyan National Radio	Tripoli, Greater Tripoli	100	24h in Arabic

Observations by Dave Kernick: Both remaining Libyan mediumwave transmitters can be monitored remotely by web SDRs based in southern Europe, with reception ranging from poor to good during the hours of local darkness. Libya National Radio (Benghazi) on 675 kHz is the easier catch, typically identifying on-air as "Idha'at Libiya al-Wataniya" and announcing the local 89.3 FM frequency (and occasionally the MW frequency). They have a Facebook page at <http://tinyurl.com/benghaziradio> and a clip can be heard via the Interval Signals Online website at <http://tinyurl.com/isobenghazi>. Libya National Radio (Tripoli) on 1053 kHz is somewhat harder to hear with adequate reception due to sometimes strong co-channel QRM. No programming has been observed to be in parallel with Benghazi. LNR Tripoli has a Facebook page at <http://tinyurl.com/tripoliradio>. This state-run broadcaster's TV channel has a website at [ltv.ly](http://ltv.ly) (David Kernick, Interval Signals Online, 22 October 2017, via DXLD)

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

# Madagascar

## Radio Madagasikara - Radio Nacional Malagasy

RNM the state-run broadcasting service in Madagascar.

**Transmitter sites:** MW: Antananarivo - 50 kW; SW: Fenoarivo - 10 kW.

Times/UTC	Days	Language	Target	kHz
0300-0500	Daily	Malagasy/French	Domestic	630 5010v
0500-1500	Daily	Malagasy/French	Domestic	630 6135
1500-1900	Daily	Malagasy/French	Domestic	630 5010v
1900-2200	Sat/Sun	Malagasy/French	Domestic	630 5010v

Radio Madagascar confirmed on 5010 and 6135 kHz // 99.2 FM by Andreas Tschauder on a visit to Antananarivo on 26 March 2018. (A-DX via Eike Bierwish DXLD); Ron Howard in California (via DXLD) also confirms Radio Madagascar on 6135 kHz signing off at 1502 UTC and tentatively on 5009.93 kHz at 1825 UTC on 26 March 2018. Very low audio is reported on both shortwave frequencies.

## Madagascar Global Relay Station

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

**Transmitter site:** Talata-Volonondry - 50/125/250 kW.

Times/UTC	Days	Station	Language	Target	kHz
0300-0400	Daily	AWR	Malagasy	Madagascar	6065
0315-0400	Daily	NHK R Japan	Swahili	East Africa	9560
0330-0430	Daily	R Tamazuj	Sudanese languages	Sudan	11650
0400-0430	Daily	BBC	Somali	Horn of Africa	11995
0400-0500	Daily	BBC	English	East Africa	9915
0430-0500	Daily	R Dabanga	Sudanese Arabic	Darfur/Sudan	13800
0500-0600	Daily	BBC	English	East Africa	9410
0530-0600	Daily	NHK R Japan	French	Central Africa	13840
0530-0600	Daily	R France Int	Swahili	East Africa	11760
0600-0800	Daily	BBC	English	East Africa	13580
1000-1100	Daily	Deutsche Welle	Swahili	East Africa	15275
1200-1230	Sat	Bible Voice	English	East Asia	21480
1200-1300	Daily	R France Int	French	Africa	17660
1230-1245	Sun	Bible Voice	English	East Asia	21480 (1st / 3rd Sunday only)
1300-1400	Daily	AWR	Vietnamese	South-East Asia	17605
1400-1430	Daily	AWR	Sinhalese	South Asia	15170
1400-1500	Daily	AWR	Malagasy	Madagascar	6055
1400-1500	Daily	BBC	Somali	East Africa	12095
1430-1500	Daily	NHK R Japan	Hindi	South Asia	15745

Times/UTC	Days	Station	Language	Target	kHz
1500-2000	Daily	BBC	English	East Africa	7445
1530-1600	Daily	AWR	Hindi	South Asia	17760
1530-1600	Daily	AWR	Malayalam	South Asia	17605
1530-1630	Daily	R Dabanga	Sudanese Arabic	Darfur/Sudan	15150
1600-1615	Sat	Vatican R	Swahili	East Africa	7360
1600-1630	Sun-Fri	Vatican R	Swahili	East Africa	7360
1615-1630	Sat	Vatican R	Somali	Horn of Africa	7360
1630-1700	Daily	Vatican R	English	Southern Africa	7360
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	Great Lakes	9720
1700-1728	Daily	AWR	Swahili	East Africa	11790
1729-1800	Daily	NHK R Japan	Swahili	East Africa	13730
1800-1830	Fri	Bible Voice	to be confirmed	East Africa	15420
1800-1900	Sat	R Itahuka	Kinyarwanda	Great Lakes	15420
1900-2000	Daily	AWR	Arabic	N Africa/M East	11680
2030-2100	Daily	NHK R Japan	French	Central/West Africa	11985

### World Christian Broadcasting - Madagascar World Voice

World Christian Broadcasting is a non-profit Christian organisation. After several years of preparation, MWV was officially launched on 27 March 2016.

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

Times/UTC	Days	Language	Target	kHz	Transmitter	Programme (subject to confirmation)
0200-0300	Daily	Spanish	South America	6190	Madagascar 1	La Voz Alegre
0200-0300	Daily	English	South Asia	9600	Madagascar 2	Your New Life Station
0300-0400	Daily	Spanish	South America	6190	Madagascar 1	La Voz Alegre
0300-0400	Daily	English	South Asia	15515	Madagascar 2	Your New Life Station
0400-0500	Daily	English	Central Africa	11825	Madagascar 1	African Pathways Radio
0400-0500	Daily	Chinese	East Asia	17530	Madagascar 2	The Light of Life
1800-1900	Daily	Russian	Eastern Europe	9570	Madagascar 1	Your New Life Station
1800-1900	Daily	English	West Africa	17640	Madagascar 2	African Pathways Radio
1900-2000	Daily	Russian	Eastern Russia	9755	Madagascar 2	Your New Life Station
1900-2000	Daily	Arabic	North Africa	11965	Madagascar 1	Radio Feda
2000-2100	Daily	Arabic	North Africa	13710	Madagascar 1	Radio Feda
2000-2100	Daily	English	West Africa	17640	Madagascar 2	African Pathways Radio
2100-2200	Daily	Chinese	Western Europe	11610	Madagascar 1	The Light of Life
2200-2300	Daily	Chinese	East Asia	9490	Madagascar 2	The Light of Life
2200-2300	Daily	Arabic	North Africa	11790	Madagascar 1	Radio Feda

## Malawi

### Malawi Broadcasting Corporation

MBC is the state broadcasting station in Malawi. It operates on MW and FM. MBC was last heard on SW in 2002.

#### **MBC on mediumwave:**

kHz	Station	Location	kW	Schedule
540	MBC Radio 1	Mangochi, Southern Region	10	24h in English/Chichewa
558	MBC Radio 1	Karonga, Northern Region	10	24h in English/Chichewa
594	MBC Radio 1	Lilongwe, Central Region	30	24h in English/Chichewa
675	MBC Radio 1	Ekwendeni, Northern Region	50	24h in English/Chichewa
756	MBC Radio 1	Blantyre, Southern Region	10	24h in English/Chichewa
810	MBC Radio 1	Bangula, Southern Region	10	24h in English/Chichewa
1404	MBC Radio 1	Chitipa, Northern Region	10	24h in English/Chichewa
1422	MBC Radio 1	Matiya, Southern Region	10	24h in English/Chichewa

## Mali

### Office de Radiodiffusion-Télévision du Mali

ORTM is the state-operated broadcasting service in Mali.

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

Times/UTC	Days	Language	Target	kHz
0555-0800	Daily	French/Bambara/local languages	Domestic	5995
0800-1800	Daily	French/Bambara/local languages	Domestic	9635
1800-0000	Daily	French/Bambara/local languages	Domestic	5995



### China Radio International Relay Station

China Radio International has used two 100 kW shortwave transmitters belonging to ORTM and was first heard in 1988 for relays to Africa in various languages. However, the transmitters appear to have been off-air since mid-2017 with no indication as to whether this is temporary or permanent. The schedule below is the one registered with HFCC for A-18.

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

Times/UTC	Language	kHz
0800-0900	Hausa	7295
1300-1400	French	13685 17880
1400-1500	English	13685 17630
1500-1600	English	13685 17630
1600-1700	Arabic	15125 17880
1700-1800	Swahili	13645 15125
1800-1830	Hausa	11640 13645
1830-1930	Arabic	11640 13685
1930-2000	Portuguese	11640 13630
2000-2100	English	11640 13630
2100-2130	English	11640 13630
2130-2230	French	11975 13630
2230-2300	Chinese	11975 15505
2300-0000	Chinese	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:** Ascension (asc) - 250 kW; S. Maria di Galeria, Vatican (smg) - 250 kW; Greenville NC (gre) - 250 kW.

Times/UTC	Days	Language	Target	kHz
2130-2200	Mon-Fri	Bambara	West Africa	9490-asc 11900-smg 13670-gre 15120-gre

## Mauritania

### Radio Mauritanie

Radio Mauritanie is the state-operated broadcasting service. It operates on FM and MW. It was last heard on SW in 2012.

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

Times/UTC	Days	Language	Target	kHz
24 hours	Daily	Arabic/French/local languages	Domestic	783

## Mauritius

### Mauritius Broadcasting Corporation

MBC operates two services on mediumwave and FM, whilst a 24 hour relay of the BBC World Service is also aired

**Mediumwave transmitters:**

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

Mayotte Première is broadcast on mediumwave and FM on Mayotte.

**Transmitter site:** Pamandzi - 5 kW.

Times/UTC	Days	Language	Target	kHz	Schedule
24 hours	Daily	French/Mahorian	Domestic	1458	0000(0145su)-1900(1830su) in French and Mahorian and relay of Radio France International in French overnight

## Melilla

### Stations currently broadcasting on mediumwave in Melilla

kHz	Station	Location	kW	Schedule
972	RNE Radio Nacional	Melilla	5	24h in Spanish; regional prgrs: Mon-Fri: 0625-0630, 0650-0700, 1210-1300; Sat/Sun: 1230-1300 (one hour earlier in summer)
1485	SER, Radio Melilla	Melilla	1	24h in Spanish

## Morocco

### SNRT Radio Marocaine

SNRT is the state broadcasting service in Morocco. It currently operates on longwave and three mediumwave channels. It was last reported on shortwave in mid-2012.

#### **Mediumwave stations:**

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
207	SNRT National Network	Azilal	1600	24h in Arabic
540	SNRT National Network	Tahadart	300	24h in Arabic, including Tangier regional prgrs
594	SNRT National Network	Oujda	50	24h in Arabic, including Oujda regional prgrs
595	SNRT National Network	Oujda	50	alternative to 594 kHz
612	SNRT National Network	Sebaâ-Aioun	300	24h in Arabic, including Fès and Meknés regional prgrs
711	SNRT Regional Service	Laâyoune	300	Laâyoune and Dakhla regional prgrs
936	SNRT Berber Service	Agadir	100	Berber languages

Carlos Gonçalves in Portugal reported in December 2017 to mediumwave.info that 936 kHz had been reactivated but it is unclear when this happened.

### Radio Méditerranée Internationale - Medi 1

Medi 1 is a commercial broadcasting service based in Tangiers that first went on air in 1980. It was confirmed in July 2017 that shortwave transmissions had been terminated for good.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
24 hours	Daily	Arabic/French	North Africa	171

**Note:** Jean-Michel Aubier (via DXLD) reported on 10 July 2017 that according to an email sent by Abdellah El-atmami (at the transmitting station), Medi 1 has now stopped shortwave for good. The shortwave transmitter on 9575 kHz had already been noted off-air for several lengthy periods during 2017 prior to this announcement.

## Mozambique

### Radio Mozambique

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

#### **Mediumwave stations**

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
738	Radio Moçambique, Antena Nacional	Maputo	50	reported to be inactive at present
765	Emissão Provincial de Nampula	Nampula	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
810	Emissão Provincial de Gaza	Xai-Xai	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
873	Emissão Provincial de Sofala	Beira	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
963	Emissão Provincial de Tete	Tete	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1008	Emissão Provincial de Maputo	Maputo	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1026	Emissão Provincial de Manica	Chimoio	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1179	Emissão Provincial de Zambezia	Quelimane	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1206	Emissão Provincial de Inhambane	Inhambane	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1224	Emissão Provincial de Cabo Delgado	Pemba	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1260	Emissão Provincial do Niassa	Lichinga	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.

## 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

### ORTN - La Voix du Sahel

ORTN is the state-operated broadcasting service in Niger. It currently operates on FM only. La Voix du Sahel was last heard on shortwave on 9705 kHz in 2012 but had been irregular prior to that date.

# 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 stations currently believed to be broadcasting on mediumwave in Nigeria

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
540	Sokoto State Media Corporation, Rima Radio	Sokoto, Sokoto State	50	0430-2305
549	Ekiti State Broadcasting Corporation	Ado, Ekiti State	25	0430-2305
567	FRCN Radio Nigeria Ibadan	Alaho, Oyo State	50	0430-2305
	Imo Broadcasting Corporation	Owerri, Imo State	50	0425-2305
576	FRCN Radio Nigeria Ibadan	Moniya, Oyo State	25	0430-2305
594	FRCN Radio Nigeria Kaduna, Channel 1	Jaji, Kaduna State	200	0400-2305 in Hausa // 6090v
603	Borno Radio & Television Corporation	Maiduguri, Borno State	50	0400-2305
	Ogun State Broadcasting Corporation	Abeokuta, Ogun State	25	0400-0000
612	Kwara State Broadcasting Corporation	Ilorin, Kwara State	50	0400-2305
639	Kaduna State Media Corporation	Katabu, Kaduna State	25	0430-2330
657	FRCN Radio Nigeria Ibadan	Ibadan, Oyo State	100	0430-2305
729	Kano State Broadcasting Corporation, Prgr 1	Jogana, Kano State	50	0430-2320
747	Nagarta Radio, Voice of Unity	Katabu, Kaduna State	60	0430-2305
756	Oyo State Broadcasting Corporation	Ibadan, Oyo State	100	0400-2200
801	Yobe State Broadcasting Corporation	Damaturu, Yobe State	20	0500-2300
	Radio Kebbi	Zuru, Kebbi State	1	0500-2300
828	FRCN Radio Nigeria Enugu	Enugu, Enugu State	25	0430-2315
909	FRCN Radio Nigeria Abuja	Gwagwalada, FCT	50	0530-2305
917	Radio Gotel	Yola, Adamawa State	50	0500-2305
918	Radio Benue	Makurdi, Benue State	50	0430-2305
945	Radio Kebbi	Birnin Kebbi, Kebbi State	10	0500-2300
972	Katsina State Radio	Katsina, Katsina State	25	0430-2300
	Radio Kogi	Otite, Kogi State	10	0500-2300
990	Bauchi Radio Corporation, Programme 1	Bauchi, Bauchi State	40	0430-2300
	Lagos State Broadcasting Corporation	Ikeja, Lagos State	10	0430-0005
1008	Osun State Broadcasting Corporation	Iree, Osun State	10	0500-2300
	Niger State Media Corporation	Kontagora, Niger State	10	0430-2130
1026	Jigawa Broadcasting Corporation	Dutse, Jigawa State	25	0500-2205
1107	FRCN Radio Nigeria Kaduna, Channel 2	Jaji, Kaduna State	25	0400-2300
1134	Cross River State Broadcasting Corporation	Ogoja, Cross River State	10	0430-2315
1224	Plateau Radio & TV Corporation, Radio Plateau	Jos, Plateau State	50	0500-2300
1269	Taraba State Broadcasting Corp., Radio Taraba	Jalingo, Taraba State	10	0500-2300
1440	Adamawa Broadcasting Corporation	Yola, Adamawa State	10	0430-2300

### Nigeria on shortwave

#### FRCN Radio Nigeria Kaduna

Radio Nigeria-Kaduna is the regional broadcasting station of the FRCN for Kaduna State. Wolfgang Bueschel reported on 27 November 2017 that the FRCN Radio Nigeria Kaduna transmitter has been repaired, but has lost many device contacts and had a lot of electric flashovers in past months. This old 100 kW Harris transmitter is in the ultimate stage, power is limited to less than 10 kW now.

**Transmitter Site:** Kaduna - 50 kW but reportedly on lower power.

**Times/UTC Days Service/Language kHz**  
 0400-2305 irregular Channel 1 - Hausa 6090v // 594

#### Voice of Nigeria (International Service)

Voice of Nigeria is the official international broadcasting station of Nigeria. Wolfgang Bueschel reported on 27 November 2017 that two of the three Thomcast transmitters are in daily use now via a fixed feeder connection. The 7255 kHz outlet is fixed rigid set towards North America on 280deg azimuth only via rotatable ALLISS Thomson, but is fixed only - no longer rotatable! Transmissions from the old Lagos (Ikrodu) transmitter site have not been heard since March 2016.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0600-0700	Daily	Hausa	West Africa	7255v
0700-0730	Daily	French	West Africa	7255v
0730-0800	Daily	Fulfulde	West Africa	7255v
0800-0900	Daily	English	West Africa	7255v
1800-1930	Daily	English	West Africa	7255v and 15120-DRM
1930-2000	Daily	Fulfulde	West Africa	7255v
2000-2100	Daily	Hausa	West Africa	7255v

## Current target broadcasts to Nigeria

### Radio Dandal Kura International

Radio 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. Since 26 February 2018 transmissions have been brokered by Media Broadcast GmbH using transmitters at Issoudun in France.

**Transmitter site:** Issoudun, France (iss) - 250 kW.

Times/UTC	Days	Language	Target	kHz
0500-0600	Daily	Kanuri	West Africa	7220-iss
0600-0700	Daily	Kanuri	West Africa	11910-iss
1800-2000	Daily	Kanuri	West Africa	11830-iss

A new sister station of Dandal Kura was launched on 24 February 2018 for the Lake Chad Basin region. Based in N'djamena, Chad, this is called Radio Ndarason Internationale. Details can be found under the entry for Chad.

### Radio Herwa

Radio Herwa is a target broadcast to Nigeria that started on 22 November 2017 and appears to be aimed at those communities affected by the atrocities of the Boko Haram terrorist group. It is brokered by Radio Miami International.

**Transmitter site:** Issoudun, France (iss) - 250 kW; WRMI, Okeechobee, Florida (rmi) - 100 kW.

Times/UTC	Days	Languages	Target	kHz
1930-2000	Daily	Hausa/Kanuri	West Africa	11530-rmi 11625-iss

## Réunion

### Réunion Première

Réunion Première is the public radio/television broadcaster owned by France Télévisions for the overseas department of Réunion. ORTF had operated a 4 kW shortwave transmitter on Réunion which became inactive in the mid-1970's.

**Transmitter sites:** St Pierre - 20 kW (on 666 kHz) and St André - 5 kW (on 1215 kHz).

Times/UTC	Days	Language	Target	kHz	Schedule
24 hours	Daily	French	Domestic	666 1215	relay RFI 2000-0100

## Rodrigues

### Mauritius Broadcasting Corporation

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

**Transmitter site:** Citronelle, Rodrigues - 1 kW.

Times/UTC	Days	Language	kHz	Schedule
24 hours	Daily	French/English/Rodriguan Creole	1206	24h; relays MBC English at 0500-0515

## Rwanda

### Radio 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.

Times/UTC	Days	Language	Target	kHz
1800-1900	Sat	Kinyarwanda	Great Lakes	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

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

**Transmitter site:** Pinheira, São Tomé- 20 kW.

Times/UTC	Days	Language	Target	kHz
24 hours	Daily	Portuguese/Crioulo	Domestic	945

### IBB Relay Station São Tomé

The IBB Relay Station at Pinheira was opened in 1992 with shortwave transmitters operational in 1996.

**Transmitter site:** Pinheira - mediumwave 600 kW (on 1530 kHz); shortwave 5 x 100 kW.

Times/UTC	Days	Service	Language	Target	kHz
0330-0430	Daily	VOA	Rwanda-Rundi	Great Lakes	7325 9815
0400-0500	Daily	VOA	English	West Africa	4960 6080
0400-0500	Mon-Fri	VOA	Studio 7	Zimbabwe	7270
0430-0530	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes	7325 9815
0500-0600	Daily	VOA	English	Central Africa	6080
0500-0530	Daily	VOA	Hausa	West Africa	1530 4960
0530-0630	Mon-Fri	VOA	French	West/Central	1530 4960 6180
0600-0700	Daily	VOA	English	West Africa	1530 6080
0630-0700	Daily	Deutsche Welle	Hausa	West Africa	7220 9830
0700-0730	Daily	VOA	Hausa	West Africa	4960
0830-0900	Wed/Sat	VOA	French	West/Central Africa	12030
1100-1130	Sat	VOA	French	West/Central	12030
1300-1400	Daily	Deutsche Welle	Hausa	West Africa	9830 11620 11980
1400-1500	Sat/Sun	VOA	Rwanda-Rundi	Great Lakes	15675 17530
1500-1530	Daily	VOA	Hausa	West Africa	11750 13700
1530-1600	Mon-Fri	VOA	Hausa	West Africa	11750 13700
1600-1630	Daily	VOA	Rwanda-Rundi	Great Lakes	15460 17530
1600-1630	Daily	VOA	English	Africa	1530 6080
1630-1700	Daily	VOA	English	Africa	1530
1630-1700	Daily	VOA	Swahili	East Africa	15460 17530
1630-1700	Fri	VOA	Portuguese	Southern Africa	13630
1700-1730	Mon-Fri	VOA	Amharic	Horn of Africa	15580
1700-1800	Daily	VOA	Portuguese	West Africa	1530
1700-1800	Daily	VOA	Studio 7	Zimbabwe	15460
1730-1800	Daily	VOA	English	Africa	6080
1730-1800	Mon-Fri	VOA	Oromo	Horn of Africa	15180 15330
1800-1830	Mon-Fri	VOA	Portuguese	West Africa	1530
1800-1900	Daily	Deutsche Welle	Hausa	West Africa	9830
1800-1830	Mon-Fri	VOA	Portuguese	Southern Africa	17655
1800-1900	Mon-Fri	VOA	Studio 7	Zimbabwe	6040 15460
1830-1900	Daily	VOA	French	West/Central	1530 17530
1900-1930	Daily	VOA	French	Africa	1530
1900-1930	Daily	VOA	French	West Africa	17530
1930-2000	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes	6040 9470
2000-2030	Daily	VOA	French	West Africa	11900
2000-2200	Daily	VOA	English	Africa	1530
2030-2100	Mon-Fri	VOA	Hausa	West Africa	4940 5970 7325 9490
2030-2100	Sat	VOA	Hausa	West Africa	9490
2030-2100	Sat/Sun	VOA	English	Africa	4940
2030-2100	Sun	VOA	French	West/Central Africa	9490
2100-2130	Mon-Fri	VOA	French	West/Central Africa	11900

## Senegal

### Radiodiffusion Télévision Sénégalaise

RTS is the public broadcasting company of Senegal. It was last reported on shortwave in 1997. All domestic broadcasting is now on FM only.

## Seychelles

### Seychelles Broadcasting Corporation

SBC is the state's public broadcasting radio station. It operates on MW and FM.

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

Times/UTC	Days	Languages	Target	kHz
0200-1800	Daily	Creole/English/French	Domestic	1368

## Sierra Leone

### Sierra Leone Broadcasting Corporation

SLBC is the public broadcasting service in Sierra Leone. SLBC operates on FM only. It was last heard on SW in 2002.

## Somalia

All stations in the Mogadishu area are now on FM only.

**Radio Mogadishu**, then operated by the last fully functioning government in Somalia, was last reported on shortwave in 1991. Since then there have been several shortwave radio stations in Somalia broadcasting in support of various clans and factions, peacekeeping operations, and more recently, the Transitional Federal Government, but all have been discontinued due to closure or by moving to FM.

### Puntland

Puntland is a self-declared autonomous state in northeast Somalia. Unlike neighbouring Somaliland, it does not seek outright independence from Somalia.

### Radio Puntland

After a series of low power tests conducted by Italian technicians in April 2013, Radio Puntland was due to commence full time operations in June 2013 with a 25 kW shortwave transmitter. However, the transmitter failed to be delivered and the project was delayed until the arrival of a new one from another manufacturer in early 2015.

**Transmitter site:** Garowe, Puntland - 10 kW.

Times/UTC	Days	Language	Target	kHz
0300v-0600v	irregular	Somali	Domestic	6160-AM/U
0600v-1500v	irregular	Somali	Domestic	13800-AM/U

### 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.

### Warsan Radio

Warsan Radio was first heard on shortwave in June 2016.

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

Times/UTC	Language	Target	kHz
0300-1930	Somali	Domestic	7750-USB - reported in past with relay of BBC Somali Service at 1800-1830

### Target broadcasts to Somalia

### BBC broadcasts to Somalia

**Transmitter sites:** Ascension Island (asc) - 250 kW; Dhabbaya, UAE (dha) - 250 kW; Meyerton, South Africa (mey) - 100 kW; Talata Volonondry, Madagascar (mdc) - 250 kW.

Times/UTC	Days	Language	Target	kHz
0400-0430	Daily	Somali	Horn of Africa	11995-mdc 15490-dha
1100-1130	Daily	Somali	Horn of Africa	15420-dha 17745-dha
1130-1400	Sat	Somali	Horn of Africa	15420-mey 17745-dha 21470-dha(1330-1400)
1400-1500	Daily	Somali	Horn of Africa	12095-mdc 15420-mey 17745-dha
1500-1600	Sat	Somali	Horn of Africa	15420-mey 17745-asc
1600-1830	Sat	Somali	Horn of Africa	7225-dha 9660-mey
1800-1830	Daily	Somali	Horn of Africa	6180-mey 7265-mey 9720-dha

### Voice of America broadcasts to Somalia

**Transmitter sites:** MW: Dorale, Djibouti (dji); SW: Moepeng Hill, Botswana (bot) - 100 kW; Kuwait (kwt) - 250 kW; Pinheira, Sao Tome (sao) - 100 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Udon Thani, Thailand (udo) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0330-0400	Daily	Somali	Horn of Africa	7260-smg 13680-kwt 15620-udo
1030-1100	Daily	Somali	Horn of Africa	11760-bot 15620-sao 17775-smg
1300-1400	Daily	Somali	Horn of Africa	15620-bot 17530-smg
1600-1630	Sat/Sun	Somali	Horn of Africa	1431-dji
1600-1700	Daily	Somali	Horn of Africa	12055-udo 15620-bot
1700-1800	Daily	Somali	Horn of Africa	12055-udo 15620-kwt

### Radio ERGO

Radio ERGO is the new name for the IRIN radio service that took effect on 1 July 2011 when the service was taken over by IMS Productions Aps, a non-profit organization with headquarters in Copenhagen.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1200-1300	Daily	Somali	Somalia and Somali-speaking region	17845-dha

## Somaliland

### Radio Hargeisa

Radio Hargeisa is the national broadcasting station of the Republic of Somaliland. It was established in 1948, but in 1988 was destroyed by forces of Siyad Bare. In the years that followed it reportedly operated on various low-powered transmitters until a new shortwave unit was installed in 2008, with regular transmissions commencing in March 2009 on 7145 kHz. However, by late 2009 it was no longer heard. After an absence of nearly three years, a new Chinese-built shortwave transmitter was inaugurated on 27 August 2012, adding to existing coverage on mediumwave and FM.

**Transmitter site:** Hargeisa - 100 kW on SW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0330-0500	Daily	Somali	Domestic	693 7120
0900-1400	Daily	Somali	Domestic	693 7120 (English has been observed around 1320-1340 UTC)
1500-1900	Daily	Somali	Domestic	693 7120

## South Africa

### South African Broadcasting Corporation

The South African Broadcasting Corporation is the state-owned broadcaster in South Africa.

### Mediumwave domestic stations currently broadcasting in South Africa

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
540	Sport 540 AM	Meyerton, Gauteng		planned
567	Cape Talk	Cape Town, Western Cape	25	24h in English
576	Radio Veritas	Meyerton, Gauteng	50	24h in English
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
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)

### Radio Sonder Grense

Radio Sonder Grense (Radio Without Borders) is an Afrikaans language radio service run by the SABC.

**Transmitter site:** Meyerton - 100 kW

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0600-0700	Daily	Afrikaans	Northern Cape	7285
0700-1500	Daily	Afrikaans	Northern Cape	9650
1500-1700	Daily	Afrikaans	Northern Cape	7285
1700-0600	Daily	Afrikaans	Northern Cape	3320

### **Channel Africa**

Channel Africa is the international radio service of the SABC.

**Transmitter site:** Meyerton - 100/250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0500	Mon-Fri	English	Southern Africa	3345
0400-0500	Mon-Fri	English	Central Africa	6060
0500-0800	Mon-Fri	English	Southern Africa	7230
0600-0700	Mon-Fri	English	West Africa	11925
0800-1200	Mon-Fri	English	Southern Africa	9625
1200-1300	Mon-Fri	Nyanja	Southern Africa	9625
1300-1400	Mon-Fri	Lozi	Southern Africa	9625
1400-1500	Mon-Fri	Portuguese	Southern Africa	9625
1500-1600	Mon-Fri	English	Southern Africa	9625
1500-1600	Mon-Fri	Swahili	East Africa	11880
1600-1700	Mon-Fri	French	West Africa	15235
1700-1800	Mon-Fri	English	West Africa	11745

### **Meyerton Transmitting Station**

Operated by Sentech, the signal distributor for the South African broadcasting sector.

**Transmitter site:** Meyerton - 100/250 kW

<b>Times/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0400-0500	Daily	BBC	English	Southern Africa	6190
0500-0600	Daily	BBC	English	East Africa	12095
0500-0600	Daily	BBC	English	Southern Africa	3255 6190
0500-0600	Sat	BBC	Rwanda-Rundi	Great Lakes	9645 11945
0529-0600	Sun	BBC	Rwanda-Rundi	Great Lakes	9645 11945
0600-0700	Daily	BBC	English	Central Africa	12095
0600-0800	Daily	BBC	English	Southern Africa	6190 7445
0630-0700	Daily	Deutsche Welle	Hausa	West Africa	15200
0700-0729	Daily	BBC	French	Central Africa	15490
0700-0800	Daily	BBC	English	Central Africa	15400
1000-1100	Daily	Deutsche Welle	Swahili	East Africa	17710
1130-1600	Sat	BBC	Somali	Horn of Africa	15420
1200-1230	Daily	BBC	French	Central Africa	17765
1325-1530	Sat	Deutsche Welle	Hausa	West Africa	17840
1400-1430	Mon-Fri	BBC	Hausa	West Africa	15310
1400-1500	Sat/Sun	Voice of America	Rwanda-Rundi	Great Lakes	15460
1400-1500	Sun-Fri	BBC	Somali	Horn of Africa	17745
1500-1600	Daily	BBC	English	East Africa	12095
1530-1600	Mon-Fri	Voice of America	Hausa	West Africa	17700
1600-1700	Daily	BBC	English	East Africa	9410
1600-1830	Sat	BBC	Somali	Horn of Africa	9660
1600-2000	Daily	BBC	English	Southern Africa	3255 6190
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	Great Lakes	11660
1630-1700	Mon-Fri	Voice of America	Sudanese English	South Sudan	11910
1700-1730	Daily	Adventist World R	Swahili	East Africa	9600
1700-1730	Daily	Voice of America	English	West/Central Africa	6080
1700-1800	Daily	BBC	English	East Africa	9410
1730-1800	Daily	Adventist World R	Masai	East Africa	9600
1730-1800	Mon-Fri	Voice of America	Oromo	Horn of Africa	11720
1800-1830	Daily	BBC	French	Central Africa	7245
1800-1830	Daily	BBC	French	Indian Ocean Isl.	5930
1800-1830	Daily	BBC	Somali	Horn of Africa	6180 7265
1830-1900	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes	11780

### **South African Radio League - Amateur Radio Today**

"Amateur Radio Today" is a programme presented weekly by the South African Radio League.

**Transmitter Site:** Meyerton (mey) - 100/250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0800-0900	Sun	English	Southern/East Africa	7205-mey 17660-mey
1630-1730	Mon	English	Southern Africa	3230-mey



## Sudan

### Sudan Radio and Television Corporation - Sudan Radio

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

### SRTC domestic stations currently broadcasting on mediumwave in Sudan

Most regional stations relay the General Programme in Arabic overnight.

kHz	Station	Location	kW	Schedule
540	SRTC South Darfur State R	Nyala, South Darfur	50	24h in Arabic
639	SRTC North Kurdufan State R	El Obeid, North Kurdufan	10	24h in Arabic
666	SRTC Kassala State R	Kassala, Kassala State	5	24h 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	24h in Arabic
765	SRTC General Programme	Omdurman, Khartoum State	50	24h in Arabic, except 1000-1200 Nat Unity R
783	SRTC River Nile State R	Atbara, River Nile State	5	24h in Arabic
801	SRTC North Darfur State R	Al-Fashir, North Darfur	5	24h in Arabic
819	SRTC Northern State R	Dongola, Northern State	5	24h in Arabic
873	SRTC Al Jazirah State R	Wad Madani, Al Jazirah State	10	24h in Arabic
873	SRTC Northern State R	Wadi Halfa, Northern State	5	24h in Arabic
891	SRTC Sennar State R	Singa, Sennar State	5	24h in Arabic
945	SRTC South Kordufan State R	Al-Foula, S Kordufan State	5	24h in Arabic
963	SRTC General Programme	Khartoum, Khartoum State	100	0200-0530, 0830-1000, 1200-1300 in Arabic
	SRTC R As-Salem (Peace R)	Khartoum, Khartoum State	100	0530-0830, 1300-2100 in Arabic
	SRTC National Unity R	Khartoum, Khartoum State	100	1000-1200 in Arabic
1026	SRTC Blue Nile State R	Ad-Damazin, Blue Nile State	5	24h in Arabic
1296	SRTC General Programme	Reiba, Sennar State	600	24h in Arabic, except 1000-1200 Nat Unity R
1485	SRTC Al-Qadarif State R	Al-Qadarif, Al-Qadarif State	5	24h in Arabic
1584	SRTC White Nile State R	Kosti, White Nile State	5	24h in Arabic
1602	SRTC S Kurdufan State R	Kaduqli, South Kurdufan State	5	24h in Arabic

SRTC regional stations broadcast their own programmes along with content from Omdurman between 0300-2100, whilst overnight they relay the General Programme (as broadcast on 765 and 1296 kHz).

### Sudan Radio and Television Corporation on shortwave

The SRTC domestic service on shortwave is a relay of the General Programme in Arabic.

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

**Times/UTC Days Language kHz Note**

0230-2100 irregular Arabic 7205 also reported on 7204 or 7206 kHz as an alternative.

### Voice of Africa

Voice of Africa is the external service of the Sudan Radio and Television Corporation. It shares the shortwave transmitter used for the General Programme in Arabic (see above) and in the evenings is scheduled in French at 1630-1730, English at 1730-1830, and Hausa at 1830-1930 on either 7205 or 9505 kHz, but is currently inactive.

## South Sudan

### South Sudan Radio

South Sudan Radio is the government-operated broadcasting service in South Sudan.

**Transmitter site:** Juba - 40 kW.

Times/UTC	Days	Languages	Target	kHz
0300-0700 and 1300-1830	Daily	Arabic/English/local languages	Domestic	693

## 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;

Santa Maria di Galeria, Vatican (smg) - 250 kW.

Times/UTC	Days	Languages	Target	kHz
0330-0430	Daily	Arabic/Sudanese languages	Sudan/South Sudan	7315-iss 9600-iss 11650-mdc
1430-1500	Daily	Arabic/Sudanese languages	Sudan/South Sudan	15540-smg 15550-smg
1500-1530	Daily	Arabic/Sudanese languages	Sudan/South Sudan	15150-mdg 15540-smg 15550-smg

### **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:** Issoudun, France( iss) - 250 kW; Talata-Volonondry, Madagascar (mdc) - 250 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>Target</b>	<b>kHz</b>
0430-0500	Daily	Arabic/Sudanese languages	Darfur/Sudan	7315-iss 9600-iss 13800-mdc
1530-1630	Daily	Arabic/Sudanese languages	Darfur/Sudan	15150-mdg 15540-smg 15550-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) and can be heard on FM stations throughout South Sudan, on shortwave, and on VOA's 24-hour channel in Nairobi at 8:30 pm. 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:** Meyerton, South Africa (mey) - 100 kW; Dhabbya, United Arab Emirates (dha) - 250 kW; Lampertheim, Germany (lam) - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1630-1700	Mon-Fri	Sudanese English	South Sudan	11910-mey 13750-dha 15180-lam

### **Radio Afia Darfur**

Afia Darfur, an all-news and information programme for Darfur, was operated from the Middle East Broadcast Network facility in Virginia and was funded by a grant from the US State Dept to the BBG. It began on 29 September 2008 and made its final broadcast on 10 March 2018.

## **eSwatini (Swaziland)**

On 19 April 2018, the King of Swaziland Mswati III announced that the Kingdom of Swaziland had renamed itself the Kingdom of eSwatini to mark the 50th anniversary of Swazi independence. The new name, eSwatini, means "land of the Swazis" in Swazi.

### **Swaziland Broadcasting and Information Services**

SBIS is the state broadcasting service that operates Radio Swaziland (on FM only).

### **TWR Swaziland**

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

**Transmitter site:** Mpangela Ranch - mediumwave 100 kW; shortwave 50 & 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0430-0500	Daily	English	Southern Africa	3200 4775
0500-0600	Daily	English	Southern Africa	3200(sa/su) 4775 6120
0600-0700	Daily	English	Southern Africa	4775 6120
1400-1415	Daily	Urdu	South Asia	15360
1420-1425	Daily	English	Southern Africa	6025
1420-1435	Mon-Fri	Lomwe/Port.	Southern Africa	7315
1420-1450	Sat	Makhuwa	Southern Africa	7315
1455-1510	Daily	Shona	Southern Africa	6025
1455-1525	Mon-Fri	Malagasy	Madagascar	9585
1455-1525	Sat/Sun	French	Madagascar	9585
1525-1555	Mon-Fri	Shona	Southern Africa	6025
1557-1627	Mon-Fri	Kirundi	Great Lakes	15105
1630-1645	Tue	Shangaan	Southern Africa	3200
1630-1645	Sat	Portuguese	Southern Africa	3200
1630-1645	Tue	Oromo	Horn of Africa	9500
1630-1645	Fri/Sat	Kambaata	Horn of Africa	9500
1630-1645	Sun/Mon	Amharic	Horn of Africa	9500
1630-1700	Wed/Thu	Oromo	Horn of Africa	9500
1645-1700	Mon/Tue	Borana	Horn of Africa	9500
1645-1700	Fri/Sat	Hadiyya	Horn of Africa	9500
1645-1700	Sun	Oromo	Horn of Africa	9500
1700-1715	Sat	Amharic	Horn of Africa	9500
1700-1730	Sun-Fri	Amharic	Horn of Africa	9500
1700-1730	Daily	Yao	Southern Africa	7300
1715-1730	Sat	Oromo	Horn of Africa	9500
1730-1800	Mon-Fri	Oromo	Horn of Africa	9500
1730-1800	Sun	Amharic	Horn of Africa	9500
1745-1800	Sat	Turkana	East Africa	9475

Times/UTC	Days	Language	Target	kHz
1745-1800	Sun	Swahili	East Africa	9475
1745-1815	Mon-Fri	Swahili	East Africa	9475
1800-1815	Sat	Swahili	East Africa	9475
1800-2015	Daily	English	Southern Africa	1170
1802-1832	Mon-Fri	English	East Africa	9500
1802-1902	Sat	English	East Africa	9500
1820-1850	Mon-Fri	Umbundu	Southern Africa	6130
1832-1847	Mon-Fri	Juba Arabic	East Africa	9500
1834-1849	Sun	Swahili	East Africa	9500
1850-1905	Sun-Fri	Umbundu	Southern Africa	6130
1850-1905	Sat	Chokwe	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
1905-1920	Sun	KiKongo	Southern Africa	6130
1905-1935	Daily	Lingala	Central Africa	9940
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
1935-2005	Daily	French	Central Africa	9940
1950-2005	Mon-Fri	Kimbundu	Southern Africa	6130
2015-2115	Daily	Zulu	Southern Africa	1170
2115-2200	Daily	Shona	Southern Africa	1170

## Tanzania

### Tanzania Broadcasting Corporation

TBC is the state broadcaster in Tanzania. It broadcasts on mediumwave and FM. Shortwave transmissions from Tanzania were discontinued in 2005 (see entry for Zanzibar which remains on shortwave).

### TBC on mediumwave

kHz	Station	Location	kW	Schedule
603	TBC, Taifa	Dodoma, Dodoma Region	10	24h in Swahili
621	TBC, Taifa	Mbeya, Mbeya Region	10	24h in Swahili
711	TBC, Taifa	Kigoma	10	0200-2100 in Swahili
720	TBC, Taifa	Mwanza, Mwanza Region	10	24h in Swahili
837	TBC, Taifa	Kunduchi	1	0200-2100 in Swahili
1215	TBC, Taifa	Arusha	10	24h in Swahili

### Other stations on mediumwave in Tanzania

kHz	Station	Location	kW	Schedule
1323	Radio One	Moshi, Kilimanjaro Region	10	24h in Swahili
1377	Radio Free Africa	Mwanza, Mwanza Region	10	24h in Swahili/English
1440	Radio One	Dar-es-Salaam	10	24h in English; irregular

### Zanzibar Broadcasting Corporation

ZBC is the public broadcasting station of Zanzibar. It is 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.

Times/UTC	Days	Language	Target	kHz
0300-0600	Daily	Swahili	East Africa	6015
0900-2100	Daily	Swahili	Domestic	585
1500-2100	Daily	Swahili	Arabian Peninsula	11735 (news in English from Spice FM irregularly heard at 1800)

## Togo

### Radiodiffusion-Télévision Togolaise

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

## Tristan da Cunha

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

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.

<b>kHz</b>	<b>Station</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	0500-0100 in French, English, Italian, Spanish and German, see full schedule below

### Radio Tunis Chaîne Internationale

RTCI is the international service of Radio Tunisienne.

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

<b>Times/UTC</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0500-1303	French	Tunisia/Mediterranean	963
1303-1330	English	Tunisia/Mediterranean	963
1330-1400	Italian	Tunisia/Mediterranean	963
1400-1903	French	Tunisia/Mediterranean	963
1903-1930	Spanish	Tunisia/Mediterranean	963
1930-2000	German	Tunisia/Mediterranean	963
2000-0100	French	Tunisia/Mediterranean	963



## Uganda

### Uganda Broadcasting Corporation

UBC Radio is the public broadcaster of Uganda. Shortwave transmissions are currently inactive.

### Stations currently broadcasting on mediumwave in Uganda

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
576	UBC West/Star FM	Mityana, Central Uganda	100	0300-2105 in local languages
909	West Nile FM	Kampala, Kampala District	20	relay 94.1 FM
999	UBC Radio	Kabale, Western Uganda	100	irregular

### Dunamis Shortwave

Dunamis Shortwave is a Christian radio station in Mukono that has in the past broadcast to Uganda and Southern Sudan on shortwave 4750 kHz(1 kW). It has not been recently reported and its current status is subject to confirmation (it may now be inactive on shortwave).

### Target Broadcast to Uganda

### Radio Munansi

Radio Munansi is a US-based internet community radio station that hires airtime on shortwave at certain times via WWRB in the USA.

**Transmitter Site:** WWRB Morrison TN - 115 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1400-2100	Sat/Sun	Luganda	Uganda	15240-wwrb

## 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 is the state broadcasting service of Morocco.

**Transmitter site:** Laâyoune - 300 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>	<b>notes</b>
24 hours	Daily	Arabic/Hassaniyya	Western Sahara	711	includes regional prgrs from Laâyoune and Dakhla

### **National Radio of the Saharan Arab Democratic Republic**

National Radio of the SADR is operated by the Polisario Front in support of independence for Western Sahara. The transmitter is located at the Sahrawi refugee camp in Rabouni, close to the south-western Algerian town of Tindouf, near the border with Western Sahara. It currently operates on mediumwave only with shortwave last reported in 2011.

**Transmitter site:** Rabouni, near Tindouf, Algeria..

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0700-1300	Daily	Arabic/Hassaniyya	Western Sahara	1550
1700-2300	Daily	Arabic/Hassaniyya	Western Sahara	1550

**Note:** schedule subject to confirmation.

## **Zambia**

### **Zambia National Broadcasting Corporation - Radio Zambia**

ZNBC is the state-controlled broadcasting service of Zambia.

**Transmitter site:** Lusaka - 100 kW

<b>Times/UTC</b>	<b>Service</b>	<b>Languages</b>	<b>Target</b>	<b>kHz</b>	<b>News in English</b>
0245-2205	Radio 1	National languages	Domestic	5915	0500-0515, 1115-1140 and 1800-1810

### **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.

**Transmitter site:** Makeni Ranch, 35 km outside Lusaka - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Target</b>	<b>kHz</b>
0500-0800	Mon-Fri	Southern & Central Africa / West Africa	9860 11680
1200-1700	Sat/Sun	Southern & Central Africa / West Africa	9680 11680
1700-1730	Sun	Southern & Central Africa / West Africa	9680
1600-1900	Mon-Fri	Southern & Central Africa / West Africa	4965 6065

## **Zanzibar**

### **Zanzibar Broadcasting Corporation**

ZBC is the public broadcasting station of Zanzibar. It is 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.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0600	Daily	Swahili	East Africa	6015
0900-2100	Daily	Swahili	Domestic	585
1500-2100	Daily	Swahili	Arabian Peninsula	11735

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

## **Zimbabwe**

### **Zimbabwe Broadcasting Corporation**

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

#### **Target broadcasts to Zimbabwe**

### **Voice of America - Studio 7**

Studio 7 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, Moepeng Hill, Botswana (bot) - MW 600 kW; SW 100 kW; Kuwait (kwt) - 250 kW; Pinheira, Sao Tome (sao) - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0400-0500	Mon-Fri	Shona/Ndebele/English	Zimbabwe	909-bot 4930-bot 7270-sao 9885-kwt
1700-1800	Daily	Shona/Ndebele/English	Zimbabwe	909-bot 4930-bot 6040-bot 15460-sao
1800-1900	Mon-Fri	Shona/Ndebele/English	Zimbabwe	909-bot 6040-sao 15460-sao

## Selected Target Broadcasts to the African Continent

These are selected target broadcasts to Africa, mainly from those international broadcasters who specifically target Africa with dedicated programming.

### **Voice of America**

Voice of America has the following transmissions for listeners in Africa.

**Transmitter sites:** Mediumwave: Selebi-Phikwe, Botswana (bot) - 600 kW; Pinheira, Sao Tome (sao) - 600 kW Djibouti (dji) - 600 kW. Shortwave: Ascension Island (asc) - 250 kW; Selebi-Phikwe, Botswana (bot) - 100 kW; Dhabbaya, UAE (dha) - 250 kW; Greenville NC, USA (gb) - 125/250 kW; Umm al-Rimam, Kuwait (kwt) - 250 kW; Lampertheim, Germany (lam) - 100 kW; Meyerton, South Africa (mey) - 100 kW; Pinheira, Sao Tome (sao) - 100 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Udon Thani, Thailand (udo) - 250 kW; Woofferton, UK (wof) - 300 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0400	Daily	English	Africa	909-bot 4930-bot 5925-bot 6080-bot
0330-0400	Daily	Somali	Horn of Africa	7260-smg 13680-kwt 15620-udo
0330-0400	Daily	Kirundi	Great Lakes	7325-sao 9685-bot 9815-sao
0400-0430	Daily	English	Africa	909-bot 1530-sao 4930-bot(sat/sun) 4960-sao 5925-bot 6080-sao 7375-bot(mon-fri)
0400-0500	Mon-Fri	Studio 7	Zimbabwe	4930-bot 7270-sao 9885-kwt
0430-0500	Daily	English	Africa	909-bot 4930-bot(sat/sun) 4960-sao 5925-bot 6080-sao 7375-bot(mon-fri)
0430-0505	Mon-Fri	Kirundi	Great Lakes	7325-sao 9815-sao 11995-bot
0500-0530	Daily	Hausa	West Africa	1530-sao 4960-sao 6035-asc 11750-smg
0500-0600	Daily	English	Africa	909-bot 4930-bot 6080-sao 15580-bot
0505-0530	Mon-Fri	English	Great Lakes	7325-sao 9815-sao 11995-bot
0530-0600	Mon-Fri	French	Africa	1530-sao 4960-sao 6180-sao 9885-smg 13830-bot
0600-0630	Mon-Fri	French	Africa	1530-sao 4960-sao 6180-sao 9885-gb 13830-bot
0600-0700	Daily	English	Africa	909-bot 1530-sao 6080-sao 15580-bot
0700-0730	Daily	Hausa	West Africa	4960-sao 12070-smg 17700-bot
0830-0900	Wed/Sat	French	Africa	12030-sao 13830-bot 17530-bot
1030-1100	Daily	Somali	Horn of Africa	11760-bot 15620-sao 17775-smg
1100-1130	Sat	French	Africa	12030-sao 15730-bot 17540-smg 17850-gb
1300-1400	Daily	Somali	Horn of Africa	15620-bot 17530-smg
1400-1500	Daily	English	Africa	4930-bot 6080-bot 15580-bot
1400-1500	Sat/Sun	Kirundi	Great Lakes	15460-mey 15675-sao 17530-sao
1500-1530	Daily	Hausa	West Africa	11750-sao 13700-sao 17700-smg
1500-1600	Daily	English	Africa	4930-bot 6080-bot 15580-bot 17530-bot
1530-1600	Mon-Fri	Hausa	West Africa	11750-sao 13700-sao 17700-mey
1600-1630	Daily	English	Africa	909-bot 1530-sao 4930-bot 6080-sao 15580-bot
1600-1630	Mon-Fri	Amharic	Horn of Africa	1431-dji
1600-1630	Sat/Sun	Somali	Horn of Africa	1431-dji
1600-1630	Daily	Kirundi	Great Lakes	13630-bot 15460-sao 17530-sao
1600-1700	Daily	Somali	Horn of Africa	12055-udo 15620-bot
1630-1700	Mon-Fri	English	Africa	909-bot 1530-sao 4930-bot 11910-mey 13750-dha 15180-lam
1630-1700	Sat/Sun	English	Africa	909-bot 1530-sao 4930-bot 6080-sao 15580-bot
1630-1700	Daily	Swahili	East Africa	15260-bot 15460-sao 17530-sao
1630-1700	Fri	Portuguese	Southern Africa	13630-sao 17655-smg
1700-1730	Daily	Studio 7	Zimbabwe	909-bot 4930-bot 6040-bot 15460-sao
1700-1730	Daily	English	Africa	6080-mey 13590-wof 17530-gb
1700-1730	Mon-Fri	Amharic	Horn of Africa	12110-udo 15580-sao
1700-1800	Daily	Portuguese	Southern Africa	1530-sao 13630-bot 17655-smg
1700-1800	Daily	Somali	Horn of Africa	12055-udo 15620-kwt
1730-1800	Daily	Studio 7	Zimbabwe	909-bot 4930-bot 6040-bot 15460-sao
1730-1800	Daily	English	Africa	6080-sao 13590-wof 17530-gb 15580-bot
1730-1800	Mon-Fri	Oromo	Horn of Africa	11720-mey 12110-lam 12130-udo 15180-sao 15330-sao 15640-wof 15700-lam
1800-1830	Sat/Sun	English	Africa	909-bot 4930-bot 6080-bot 15580-bot
1800-1830	Mon-Fri	Portuguese	Southern Africa	13630-bot 17655-sao
1800-1900	Mon-Fri	English	Africa	4930-bot 6080-bot 15580-bot
1800-1900	Mon-Fri	Studio 7	Zimbabwe	909-bot 6040-sao 15460-sao
1800-1900	Daily	Amharic	Horn of Africa	11720-udo 12110-kwt 12130-udo 15180-udo 15330-wof 15640-wof 15700-lam
1830-1900	Sat/Sun	English	Africa	909-bot 4930-bot 6080-bot 15580-bot
1830-1900	Daily	French	Africa	1530-sao 9885-bot 17530-sao
1830-1900	Mon-Fri	Kirundi	Great Lakes	11780-mey 13630-dha
1900-1930	Daily	French	Africa	1530-sao 9490-kwt 17530-sao

Times/UTC	Days	Language	Target	kHz
1900-1930	Mon-Fri	Tigrinya	Horn of Africa	11720-lam 12110-bot 12130-udo 15180-udo 15330-wof 15640-wof 15700-lam
1900-2000	Daily	English	Africa	909-bot 4930-bot 6080-bot 15580-bot
1930-2000	Daily	French	Africa	1530-sao 9490-kwt 17530-gb
1930-2000	Mon-Fri	Kirundi	Great Lakes	6040-sao 9470-sao 11780-bot
2000-2030	Daily	English	Africa	909-bot 1530-sao 4930-bot 6195-bot 15580-bot
2000-2030	Daily	French	Africa	5970-bot 9490-kwt 11900-sao 17530-gb
2030-2100	Daily	English	Africa	909-bot 1530-sao 4930-bot 4960-sao(sat/sun) 6195-bot 15580-bot
2030-2100	Daily	Hausa	West Africa	4960-sao(mon-fri) 5970-sao 7325-sao 9490-sao(mon-sat) 11955-kwt(mon-sat) 15730-gb(sat)
2030-2100	Sat	French	Africa	11900-bot 15185-gb
2030-2100	Sun	French	Africa	9490-sao 11900-bot 15185-gb 15730-gb
2100-2200	Daily	English	Africa	1530-sao 6195-bot 15580-bot
2100-2130	Mon-Fri	French	Africa	5970-bot 9490-kwt 9740-smg 11900-sao
2130-2200	Mon-Fri	Bambara	West Africa	9490-asc 11900-smg 13670-gb 15120-gb

### **BBC World Service**

The BBC has the following transmissions for listeners in Africa.

**Transmitter sites:** Ascension Island (asc) - 125/250 kW; A'Seela, Oman (sla) - 250 kW; Dhabbaya, UAE (dha) - 250 kW; Kostinbrod, Bulgaria (sof) - 200 kW; Meyerton, South Africa (mey) - 100/250 kW; Moosbrunn, Austria (mos) - 300 kW; Talata Volonondry, Madagascar (mdc) - 250 kW; Woofferton, UK (wof) - 250/300 kW

Times/UTC	Days	Language	Target	kHz
0300-0400	Daily	Arabic	North Africa	639-zak 5875-wof 9410-dha
0400-0430	Daily	Somali	Horn of Africa	11995-mdc 15490-dha
0400-0500	Daily	Arabic	North Africa	639-zak 9410-dha
0400-0500	Daily	English	East Africa	6190-mey 9915-mdc
0500-0600	Daily	Arabic	North Africa	639-zak 12015-sla
0500-0600	Daily	English	Central Africa	9915-wof
0500-0600	Daily	English	East Africa	12095-mey 13580-dha
0500-0600	Daily	English	Southern Africa	3255-mey 6190-mey 9410-mdc
0500-0600	Daily	English	West Africa	6005-wof 7345-wof
0500-0600	Sat	Kirundi	Great Lakes	9645-mey 11945-mey
0529-0600	Daily	Hausa	West Africa	6135-asc 7305-wof 15400-dha
0529-0600	Sun	Kirundi	Great Lakes	9645-mey 11945-mey
0600-0629	Daily	French	Central Africa	7305-asc
0600-0629	Daily	French	North Africa	7390-wof 9440-wof
0600-0629	Daily	French	West Africa	5875-asc
0600-0700	Daily	Arabic	North Africa	639-zak 12015-sla
0600-0700	Daily	English	Central Africa	12095-mey 13660-wof
0600-0700	Daily	English	East Africa	13580-mdc 15420-dha
0600-0700	Daily	English	Southern Africa	6190-mey 7445-mey
0600-0700	Daily	English	West Africa	6005-asc 7345-asc
0629-0700	Daily	Hausa	West Africa	5875-asc 7305-asc 11660-wof
0700-0729	Daily	French	Central Africa	15490-mey
0700-0729	Daily	French	West Africa	9440-asc
0700-0800	Daily	English	Central Africa	12095-asc 15400-mey
0700-0800	Daily	English	East Africa	13580-mdc 15420-dha
0700-0800	Daily	English	Southern Africa	6190-mey 7445-mey
0700-0800	Daily	English	West Africa	9410-asc 11770-asc
1100-1130	Daily	Somali	Horn of Africa	15420-dha 17745-dha
1100-1600	Sat	Hausa	West Africa	17780-asc
1130-1330	Sat	Somali	Horn of Africa	15420-mey 17745-dha
1200-1230	Daily	French	Central Africa	17765-mey
1200-1230	Daily	French	North Africa	15490-mos
1200-1230	Daily	French	West Africa	15400-asc
1330-1400	Sat	Somali	Horn of Africa	15420-mey 17745-dha 21470-dha
1400-1430	Mon-Fri	Hausa	West Africa	15310-mey 17780-asc 21630-dha
1400-1500	Sun-Fri	Somali	Horn of Africa	12095-mdc 15420-mey 17745-dha
1400-1600	Sat	Somali	Horn of Africa	15420-mey 17745-dha
1500-1600	Daily	English	East Africa	7445-mdc 12095-mey
1600-1700	Daily	English	Central Africa	17830-asc
1600-1700	Daily	English	East Africa	7445-mdc 9410-mey
1600-1700	Daily	English	Southern Africa	3255-mey 6190-mey 17640-asc
1600-1700	Sat	Somali	Horn of Africa	7225-dha 9660-mey
1630-1700	Mon-Fri	Kirundi	Great Lakes	9720-mdc 11660-mey

Times/UTC	Days	Language	Target	kHz
1700-1800	Daily	Arabic	North Africa	12095-dha
1700-1800	Daily	English	Central Africa	17830-asc
1700-1800	Daily	English	East Africa	7445-mdc 9410-mey
1700-1800	Daily	English	Southern Africa	3255-mey 6190-mey
1700-1800	Daily	English	West Africa	15400-asc 17780-asc
1700-1800	Sat	Somali	Horn of Africa	7225-dha 9660-mey
1730-1750	Mon-Fri	Amharic	Horn of Africa	9545-sof 11850-dha 17745-asc
1750-1810	Mon-Fri	Oromo	Horn of Africa	9545-sof 11850-dha 17745-asc
1800-1830	Daily	French	Central Africa	7245-mey
1800-1830	Daily	French	Indian Ocean	5930-mey
1800-1830	Daily	French	North Africa	11875-wof
1800-1830	Daily	French	West Africa	12005-asc 15490-asc
1800-1830	Daily	Somali	Horn of Africa	6180-mey 7265-mey 9720-dha
1800-1830	Mon-Fri	English	West Africa	13660-wof 15400-wof
1800-1830	Sat	Somali	Horn of Africa	7225-dha 9660-mey
1800-1830	Sat/Sun	English	West Africa	13660-wof 15400-asc
1800-1900	Daily	Arabic	North Africa	639-zak 12095-dha
1800-1900	Daily	English	Central Africa	11810-asc
1800-1900	Daily	English	East Africa	7445-mdc 9410-dha
1800-1900	Daily	English	Southern Africa	3255-mey 6190-mey
1810-1830	Mon-Fri	Tigrinya	Horn of Africa	9545-sof 11850-dha 17745-asc
1830-1850	Mon-Fri	Amharic	Horn of Africa	7325-sof 9545-dha 15490-asc
1830-1900	Daily	English	West Africa	13660-wof 15400-asc
1850-1910	Mon-Fri	Oromo	Horn of Africa	7325-sof 9545-dha 15490-asc
1900-2000	Daily	Arabic	North Africa	639-zak 9885-dha
1900-2000	Daily	English	Central Africa	11810-asc
1900-2000	Daily	English	East Africa	7445-mdc 9410-dha
1900-2000	Daily	English	Southern Africa	3255-mey 6190-mey
1900-2000	Daily	English	West Africa	13660-wof 15400-asc
1910-1930	Mon-Fri	Tigrinya	Horn of Africa	7325-sof 9545-dha 15490-asc
1930-2000	Daily	Hausa	West Africa	9545-wof 11660-asc 15490-asc
2000-2030	Fri	Hausa	West Africa	9545-wof 11660-asc 15490-asc
2000-2100	Daily	Arabic	North Africa	639-zak 9885-dha
2000-2100	Daily	English	Central Africa	11810-asc
2000-2100	Daily	English	West Africa	9410-wof 12095-asc
2100-2200	Daily	English	Central Africa	11810-wof
2100-2200	Mon-Fri	English	West Africa	9410-asc 12095-asc

### **Radio France Internationale**

Radio France Internationale has the following transmissions for listeners in Africa.

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

UTC	Days	Language	Target	kHz
0400-0500	Daily	French	Africa	9790-iss 11700-iss
0500-0600	Daily	French	Africa	9790-iss 11700-iss 13695-iss
0530-0600	Daily	Swahili	East Africa	11760-mdc 13740-iss
0600-0700	Daily	English	Central Africa	11830-iss
0600-0630	Daily	Hausa	West Africa	11995-iss 13750-iss
0600-0700	Daily	French	Africa	9790-iss 11700-iss 13695-iss 15300-iss
0700-0730	Daily	Hausa	West Africa	13680-iss 15315-iss
0700-0800	Daily	French	Africa	11700-iss 13695-iss 13730-iss 15300-iss 17850-iss
0800-0830	Daily	Mandinka	West Africa	15455-iss
0800-0900	Daily	French	Africa	13695-iss 15300-iss 15320-iss 17850-iss
1200-1230	Daily	Mandinka	West Africa	15275-iss
1200-1300	Daily	French	Africa	15300-iss 15515-iss 17620-iss 17660-mdc
1500-1600	Daily	Swahili	East Africa	21690-iss
1600-1700	Daily	Hausa	West Africa	15670-iss
1700-1730	Daily	Portuguese	Southern Africa	17620-iss
1700-1800	Daily	French	Africa	13740-iss 15300-iss 17850-iss
1800-1900	Daily	French	Africa	11995-iss 13740-iss 15300-iss 17620-iss 17850-iss
1900-1930	Daily	Portuguese	Southern Africa	11875-iss
1900-2000	Daily	French	Africa	9790-iss 11995-iss 13740-iss 13835-iss 15275-iss 15300-iss 17850-iss
2000-2030	Daily	Hausa	West Africa	9690-iss 11700-iss
2000-2100	Daily	French	Africa	7205-iss 9790-iss 11995-iss
2100-2200	Daily	French	Africa	7205-iss 9790-iss



### **Radio Deutsche Welle**

Radio Deutsche Welle has the following transmissions for listeners in Africa.

**Transmitter sites:** Dhabbaya, UAE (dha) - 250 kW; Issoudun, France (iss) - 500 kW; Meyerton, South Africa (mey) - 250 kW; Pinheira, Sao Tome (sao) - 100 kW; Talata Volonondry, Madagascar (mdc) - 250 kW.

<b>UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0630-0700	Daily	Hausa	West Africa	9830-sao 11800-iss 15200-mey
1000-1100	Daily	Swahili	East Africa	15275-mdc 17710-mey
1300-1400	Daily	Hausa	West Africa	9830-sao 11980-sao 17800-asc
1325-1530	Sat	Hausa	West Africa	15195-iss 17840-mey (football coverage until 12 May 2018)
1600-1700	Daily	Amharic	Horn of Africa	15275-iss 17800-dha
1800-1900	Daily	Hausa	West Africa	9830-sao 11800-iss 15200-iss

### **Vatican Radio**

Vatican Radio has the following transmissions for listeners in Africa.

**Transmitter sites:** Santa Maria di Galeria, Vatican (smg) - 100/250 kW; Talata Volonondry, Madagascar (mdc) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0830-0950	Sun	Amharic	Horn of Africa	15595-smg 17590-smg
1530-1600	Daily	Amharic	Horn of Africa	13830-smg 15565-smg
1600-1615	Sat	Swahili	East Africa	7360-mdc 15565-smg
1600-1630	Sun-Fri	Swahili	East Africa	7360-mdc 15565-smg
1615-1630	Sat	Somali	Horn of Africa	7360-mdc 15565-smg
1630-1700	Daily	English	Africa	7360-mdc 15565-smg
1700-1730	Daily	French	Africa	13830-smg 15565-smg
1730-1800	Daily	Amharic	Horn of Africa	13830-smg 15565-smg
1800-1830	Daily	Portuguese	Africa	15565-smg
1840-1900	Daily	Latin (Liturgy)	West Africa	7360-smg (also 9660-smg & 9705-smg on Sundays)
2000-2030	Daily	English	West Africa	7360-smg 9670-smg 9705-smg
2030-2115	Daily	French	West Africa	7360-smg 9670-smg 9705-smg
2100-2130	Daily	Portuguese	Africa	7360-smg

### **Christian Broadcasts to Africa**

#### **Adventist World Radio**

Adventist World Radio was founded in 1971 and is the "radio mission arm" of the Seventh-day Adventist Church. It utilizes AM, FM, Shortwave, satellite, podcasting, and the Internet ... broadcasting in 77 major language groups of the world with a potential coverage of 80% of the world's population. AWR's headquarters is in Silver Spring, Maryland with studios throughout the world.

**Transmitter sites:** Issoudun, France (iss) - 250 kW; Meyerton, South Africa (mey) - 250 kW; Moosbrunn, Austria (mos) - 300 kW; Nauen, Germany (nau) - 125/250 kW; Talata Volonondry, Madagascar (mdc) - 250 kW; Trincomalee, Sri Lanka (trm) - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0330	Daily	Tigrinya	Horn of Africa	9655-nau
0300-0330	Daily	Oromo	Horn of Africa	15410-trm
0300-0400	Daily	Malagasy	Madagascar	6055-mdc
0330-0400	Daily	Amharic	Horn of Africa	15410-trm
0430-0500	Daily	French	North Africa	6155-nau
0500-0530	Daily	Hausa	West Africa	11955-mos
0500-0600	Daily	Arabic	North Africa	17780-trm
0600-0630	Daily	French	North Africa	12035-iss 15455-nau
0600-0700	Daily	Arabic	North Africa	11880-mos
0700-0730	Daily	French	West Africa	11880-iss
0700-0800	Daily	Arabic	North Africa	15225-nau
0800-0830	Daily	French	North Africa	15145-mos
0800-0830	Daily	Kabyle	North Africa	15225-nau
0830-0900	Daily	Tachelhit	North Africa	15225-nau
1400-1500	Daily	Malagasy	Madagascar	6055-mdc
1430-1500	Daily	Afar	Horn of Africa	17605-mos
1630-1700	Daily	Tigrinya	Horn of Africa	15490-nau
1630-1700	Daily	Somali	Horn of Africa	17570-nau
1700-1730	Daily	Amharic	Horn of Africa	17720-nau
1700-1730	Daily	Swahili	East Africa	9600-mey 11790-mdc
1730-1800	Daily	Maasai	East Africa	9600-mey
1730-1800	Daily	Kabyle	North Africa	15170-nau
1730-1800	Daily	Oromo	Horn of Africa	17720-nau
1800-1900	Daily	Arabic	North Africa	11955-mos
1830-1900	Daily	English	Central Africa	15155-trm
1900-1930	Daily	Wolof	West Africa	11790-nau
1900-1930	Daily	Hausa	West Africa	11955-mos

Times/UTC	Days	Language	Target	kHz
1900-2000	Daily	Arabic	North Africa	11680-mdc 11800-nau
1930-2000	Daily	Fulfulde	West Africa	11790-mey
1930-2000	Daily	Igbo	West Africa	11885-iss
1930-2000	Daily	Tachelhit	North Africa	11955-nau
1930-2000	Daily	French	Central Africa	15155-mos
2000-2030	Daily	French	North/West Africa	9565-nau 9610-nau
2000-2030	Daily	Moore	West Africa	9770-iss
2000-2030	Daily	Dyula	West Africa	11880-mos
2030-2100	Daily	Yoruba	West Africa	11790-iss
2030-2100	Daily	French	West Africa	11880-mos
2100-2130	Daily	English	West Africa	11880-mos

### **Bible Voice Broadcasting**

The Voice of Hope radio ministry was founded by George Otis in 1979.

**Transmitter sites:** Nauen, Germany (nau) - 100/250 kW; Kostinbrod, Bulgaria (sof) - 250 kW.

Times/UTC	Days	Language	Target	kHz
0600-0615	Daily	Arabic	North Africa	11655-nau
1600-1630	Sun-Tue	Oromo	Horn of Africa	15310-nau
1600-1700	Sat	Somali	Horn of Africa	15310-nau
1630-1700	Mon-Fri	Amharic	Horn of Africa	15310-nau
1630-1700	Sun	Somali	Horn of Africa	15310-nau
1630-1700	Daily	Nuer	Sudan	15350-nau
1700-1730	Mon	Tigrinya	Horn of Africa	15310-nau
1700-1800	Sun	Amharic	Horn of Africa	15310-nau
1730-1800	Mon	Somali	Horn of Africa	15310-nau
1800-1830	Sat	Tigrinya	Horn of Africa	15310-nau
2030-2045	Daily	Arabic	North Africa	9400-sof

### **IBRA Radio**

IBRA Media (IBRA Radio) is an international Christian broadcasting and media group founded in 1948 by Lewi Pethrus in Sweden. IBRA broadcasts Christian programmes to more than 100 countries.

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

Times/UTC	Days	Language	Target	kHz
1600-1630	Daily	Afar	Horn of Africa	11655-dha
1600-1700	Daily	Amharic	Horn of Africa	9490-erv 12125-erv
1700-1730	Daily	Somali	Horn of Africa	6180-dha
1700-1730	Daily	Oromo	Horn of Africa	9630-dha
1730-1800	Daily	Somali	Horn of Africa	6180-dha
1730-1800	Daily	Silte	Horn of Africa	7510-erv
1730-1800	Daily	Tigrinya	Horn of Africa	9630-dha
1730-1900	Daily	Arabic	North-East Africa	15510-wof

### **Trans World Radio**

Trans World Radio (TWR) is a multinational evangelical Christian media distributor. These transmissions are in addition to those in the TWR Swaziland schedule (see entry for eSwatini).

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

Times/UTC	Days	Language	Target	kHz
0330-0345	Mon/Fri/Sun	Amharic	Horn of Africa	9655-dha
0330-0345	Tue	Oromo	Horn of Africa	9655-dha
0330-0345	Wed/Thu	Sidamo	Horn of Africa	9655-dha
1300-1315	Thu-Sun	Afar	Horn of Africa	17680-dha

### **Reach Beyond**

World Radio Missionary Fellowship, Inc., also known as Reach Beyond (formerly HCJB Global), is a corporate entity and nonprofit, noncommercial, interdenominational worldwide missionary organization with headquarters in Colorado Springs, Colorado. It began in 1931 as Radio Station HCJB in Quito, Ecuador, South America.

**Transmitter sites:** Woofferton, UK (wof) - 250 kW.

Times/UTC	Days	Language	Target	kHz
2100-2115	Daily	Tachelhit	North Africa	7300
2115-2145	Daily	Arabic	North Africa	7300

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

Pan American Broadcasting hires airtime from Radio Miami International.

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

Times/UTC	Days	Language	Target	kHz
1400-2300	Daily	English	Africa	21525-rmi

**Radio Sawtu Linjiila (Radio Voice of the Gospel)**

Radio Sawtu Linjiila is a broadcast from the Lutheran World Federation for Fulani listeners in West Africa.

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

Times/UTC	Days	Language	Target	kHz
1830-1900	Daily	Fulani	West Africa	15315

**Follow The Bible Ministries**

Follow The Bible Ministries is a California-based non-profit, non-commercial Christian Broadcasting Ministry.

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

Times/UTC	Days	Language	Target	kHz
1900-1930	Sun	English	West Africa	9600-asc 12030-asc

**Radio Akhbar Mufriha**

Radio Akhbar Mufriha is a Christian radio service that broadcasts youth programmes in Hassinya and Pulaar.

**Transmitter sites:** Ascension Island (asc) - 250 kW.

Times/UTC	Days	Language	Target	kHz
2145-2215	Mo/Th/Sa	Hassinya	North-West Africa	9530
2145-2215	Tue/Fri/Sun	Pulaar	North-West Africa	9530

## Long and mediumwave stations in Africa

**Longwave**

kHz	ITU	Station	Location	kW	Schedule
153	ALG	RTA Chaîne 1	Béchar	2000	24 hours in Arabic; irregular and on low power
171	MRC	Medi 1	Nador	250	24h in Arabic/French
198	ALG	RTA Chaîne 1	Ouargla	2000	24 hours in Arabic; irregular and on low power
207	MRC	SNRT National Network	Azidal	1600	0400-0000 in Arabic
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	AFS	Sport 540 AM	Meyerton		planned
	MRC	SNRT National Network	Tahadart	300	0400-0000 in Arabic
	MWI	MBC Radio 1	Mangochi	10	24h 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	1030-1430, 1600-2230 in French/local langs
	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	ERTU Educational Prgr	Cairo	100	0400-0000 in Arabic
	KEN	KBC Western Sce	Kapsimotwa	20	0300-1905 in local languages
	MWI	MBC Radio 1	Karonga	10	24h in English/Chichewa
567	KEN	KBC R Taifa	Garissa	50	0200-2110 in Swahili
	AFS	Cape Talk	Cape Town	25	24h in English
	NIG	FRCN R Nigeria Ibadan	Alaho	50	0430-2305 in English/local languages
	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; half-power 1900-0600
	CNR	RNE R Nacional	Las Palmas	20	24h in Spanish
	NIG	FRCN R Nigeria Ibadan	Moniya	25	0430-2305 in English/local languages
	UGA	UBC West/Star FM	Mityana	100	0300-2105 in local languages
585	TUN	R Tunisienne	Gafsa	350	0400-0000 in Arabic
	ZAN	Zanzibar BC	Chumbuni	50	0900-2100 in Swahili
594	MRC	SNRT National Network	Oujda	50	0400-0000 in Arabic
	MWI	MBC Radio 1	Lilongwe	25	24h in English/Chichewa
	NIG	FRCN R Nigeria Kaduna	Jaji	200	0400-2305 in Hausa
595	MRC	SNRT National Network	Oujda	50	0400-0000 in Arabic, alternative to 594 kHz
603	EGY	ERTU Holy Qur'an Prgr	Sohag	50	0200-2200 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
	TZA	TBC Taifa	Dodoma	10	24h in Swahili

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
612	MRC	SNRT National Network	Sebaâ-Aioun	300	0400-0000 in Arabic
	KEN	KBC R Taifa	Ngong	100	0200-2110 in Swahili
	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	ERTU Voice of the Arabs	Batra	1000	24h in Arabic
	TZA	TBC Taifa	Mbeya	10	24h in Swahili
630	MDG	R Madagasikara	Antananarivo	50	0300-1900(2200ss) in Malagasy and French
	TUN	R Tunisienne	Tunis	300	24h in Arabic
639	KEN	KBC Iftiin FM	Garissa	50	Prgs in Somali (subject to confirmation)
	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
648	BOT	R Botswana	Mopipi	50	24h in Setswana and English
657	AFS	R Pulpit/R Kansel	Meyerton	50	24h in English/Afrikaans
	NIG	FRCN R Nigeria Ibadan	Ibadan	100	0430-2305 in English/local languages
666	ALG	RTA R Tindouf	Tindouf	10	24h in Arabic
	REU	Réunion Première	St Pierre	20	24h in French
	SDN	SRTC Kassala State R	Kassala	5	0300-2100 in Arabic
675	KEN	KBC R Taifa	Marsabit	50	0200-2110 in Swahili
	MWI	MBC Radio 1	Ekwendeni	50	24h in English/Chichewa
677.5	LBY	Libyan National Radio	Benghazi	100	24h in Arabic
684	ETH	R Ethiopia National Sce	Metu	100	0300-2100 in Amharic/local languages
	MAU	RM1, R Maurice	Malherbes	10	24h in French/English
	TUN	R Tunisienne	Medenine	10	0400-0000 in Arabic
693	ALG	RTA R Adrar	Reggane	10	24h in Arabic
	ALG	RTA Chaîne 2	Aboudid	5	24h in Tamazight
	BOT	R Botswana	Shakawe	25	24h in Setswana/English
	SOM	R Hargeisa	Hargeisa		to be confirmed - in Somali (24h?)
	SSD	South Sudan National R	Juba	40	0345-0700, 1245-1832 in Arabic/English/local
702	AFS	LM Radio	Welgedacht		24h in English
	ALG	RTA R Laghouat	Laghouat	25	24h in Arabic/French
	EGY	ERTU El Wady El Gadid R	El Kharga	10	0400-2200 in Arabic
	EGY	ERTU S Upper Egypt R	Aswan	10	0200-2200 in Arabic
711	EGY	ERTU Youth & Sports Prgr	Cairo	100	24h in Arabic
	MRC	SNRT Regional Sce	Laâyoune	300	Laâyoune and Dakhla regional prgrs
	TZA	TBC Taifa	Kigoma	10	0200-2100 in Swahili
720	CNR	RNE R5	Santa Cruz	10	24h in Spanish
	TZA	TBC Taifa	Mwanza	10	24h in Swahili
729	AFS	Cape Pulpit	Cape Town	25	24h in English/Afrikaans/Zulu/Xhosa
	NIG	Kano State BC	Jogana	50	0430-2320 in English/local languages
738	ALG	RTA R Illizi	In Aménas	5	24h in Arabic
	MOZ	RM Antena Nacional	Maputo	50	reported to be inactive at present
747	CNR	RNE R5	Mesas de Galaz	25	24h in Spanish
	KEN	KBC Mwatu FM/Nosim FM	Ngong	100	0200-2100 in Kamba & Masai
	NIG	Nagarta R, Voice of Unity	Katabu	60	0430-2305 in English/local languages
	SDN	SRTC Khartoum State R	Khartoum	10	0300-0700 & 1300-1900 in Arabic
	SDN	SRTC Red Sea State R	Port Sudan	5	0330-2100 in Arabic
756	EGY	ERTU S Upper Egypt R	Qena	10	0200-2200 in Arabic
	MWI	MBC Radio 1	Blantyre	10	24h in English/Chichewa
	NIG	Oyo State BC	Ibadan	100	0400-2200 in English/local languages
765	MOZ	Em Prov de Nampula	Nampula	50	24h in Portuguese
	SDN	SRTC General Prgr	Omdurman	50	24h in Arabic
774	EGY	ERTU Middle East Prgr	Abis	500	24h in Arabic
783	ALG	RTA R Illizi	Djanet	5	24h in Arabic
	ALG	RTA R Oued	Souf El Oued	10	24h in Arabic
	SDN	SRTC River Nile State R	Atbara	5	0300-2100 in Arabic
801	ETH	Amhara State Regional R	Bahir Dar	100	0300-0600, 0900-1100, 1400-2100 in Amharic
	NIG	R Kebbi	Zuru	1	0500-2300 in English/local languages
	NIG	Yobe State BC	Damaturu	20	0500-2300 in English/local languages
	SDN	SRTC North Darfur State R	Al-Fashir	5	0300-2100 in Arabic
810	MOZ	Em Prov de Gaza	Xai-Xai	50	24h in Portuguese
	MWI	MBC Radio 1	Bangula	10	24h in English/Chichewa
819	EGY	ERTU General Prgr	Batrah	1000	24h in Arabic
	MAU	RM2, R Mauritius	Malherbes	10	24h in Indian languages
	SDN	SRTC Northern State R	Dongola	5	0300-2100 in Arabic

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
828	AFS	Magic 828 AM	Cape Town	25	24h in English
	ETH	R Ethiopia National Sce	Arba Minch	100	0300-2100 in Amharic/local languages
	NIG	FRCN R Nigeria Enugu	Enugu	25	0430-2315 in English/local languages
837	ALG	RTA Chaîne 3	Béchar	5	0500-0100 in French
	CNR	COPE Gran Canaria	Las Palmas	10	24h in Spanish
	ETH	R Oromiya	Robe	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
	TZA	TBC Taifa	Kunduchi	1	0200-2100 in Swahili
845	ERI	Eritrean Radio - Prgr 2	Asmara-Selea Daro	100	0355-1000, 1300-1830v in regional languages
846	AFS	Umhlobo Wenene FM	Komga	50	24h in Xhosa
855	ETH	R Ethiopia National Sce	Harar	100	0300-2100 in Amharic/local languages
864	EGY	ERTU Holy Qur'an Prgr	Santah	500	24h in Arabic
873	ALG	RTA R Ghardaia	Ghardaia	10	24h in Arabic
	BOT	R Botswana	Ghanzi	50	24h in Setswana/English
	ETH	R Ethiopia National Sce	Addis Ababa	100	0300-2100 in Amharic/local languages
	MOZ	Em Prov de Sofala	Beira	50	24h in Portuguese
	SDN	SRTC Al Jazirah State R	Wad Madani	10	0300-2100 in Arabic
	SDN	SRTC Northern State R	Wadi Halfa	5	0300-2100 in Arabic
882	CNR	COPE, Tenerife	La Laguna, Tenerife	20	24h in Spanish
	EGY	ERTU General Prgr	Matruh	10	1100-0700 (Fri 24h) in Arabic
891	ALG	RTA Chaîne 1	Ouled Fayet	600	24h in Arabic; half-power 1900-0600
	ETH	R Ethiopia National Sce	Dese, Amhara	100	0300-2100 in Amharic/local languages
	LSO	LNBS Ultimate FM	Lancer's Gap	50	24h in English
	SDN	SRTC Sennar State R	Singa	5	0300-2100 in Arabic
909	ALG	RTA Chaîne 1	Tamanrasset	10	24h in Arabic
	BOT	Voice of America relay	Selebi-Phikwe	600	0300-0700 & 1600-2100 in English, includes VOA Studio 7 prgrs for Zimbabwe in Shona & Nbebele 1700-1800 & "Live Call" 1800-1900mf
909	NIG	FRCN R Nigeria Abuja	Gwagwalada	50	0530-2305 in English/local languages
	UGA	West Nile FM	Kampala	20	relay 94.1 FM
917	NIG	R Gotel	Yola	50	0500-2305 in English/local languages
918	EGY	ERTU General Prgr	Bawti	10	24h in Arabic
	ETH	Al Sharq / Voice of Dawn	Mekele	100	0250-0600, 1400-2000 in Tigrinya/Arabic
	NIG	R Benue	Makurdi	50	0430-2305 in English/local languages
927	ALG	RTA R Adrar	Timimoun	10	24h in Arabic
936	EGY	ERTU General Prgr	Sallum	10	24h in Arabic
	EGY	ERTU Om Kalthoum Prgr	Cairo	50	1500-2000 in Arabic
	MRC	SNRT Berber service	Agadir	100	Berber languages
945	AGL	R N'gola Yetu	Luanda	25	0000(0100mo)-2000 in National Languages
	AGL	RNA International Sce	Luanda	25	2000-2100 Lingala, 2100-2200 French, 2200-2300 English, 2300-0000 in Portuguese (all one hour later on Sundays)
	BOT	R Botswana	Mmathethe	25	24h in Setswana/English
	NIG	R Kebbi	Birnin Kebbi	10	0500-2300 in English/local languages
	SAO	R Nacional de São Tomé	Pinheira	20	24h in Portuguese
	SDN	SRTC S Kordufan State R	Al-Foula	5	0300-2100 in Arabic
950	ERI	Eritrean Radio - Prgr 1	Asmara-Selea Daro	100	0255-1000, 1300-1830v in Tigrinya/Tigre/Kunama
954	ETH	Sidama Community R	Irgalem	2.5	current status subject to confirmation
963	MOZ	Em Prov de Tete	Tete	50	24h in Portuguese
	SDN	SRTC Gen Prg/R As-Salem	Khartoum	100	0200-2100 in Arabic
	TUN	R Tunis Chaîne Int.	Tunis	100	0000-1300 French, 1300-1400 English, 1400-1500 German, 1500-1600 Italian, 1600-1900 French, 1900-2000 Spanish, 2000-0000 French
972	BOT	R Botswana	Takatokwane		24h in Setswana/English
	ETH	R Ethiopia National Sce	Robe	100	0300-2100 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
	NIG	R Kogi	Otite	10	0500-2300 in English/local languages
981	ALG	RTA Chaîne 2	Ouled Fayet	100	24h in Tamazight
	EGY	ERTU General Prgr	Abu Simbel	1	24h in Arabic
	EGY	ERTU General Prgr	Baris	1	0300-0000 in Arabic
	EGY	ERTU N Upper Egypt R	Asyut	10	0200-2200 in Arabic
990	NIG	Bauchi R Corp	Bauchi	40	0430-2300 in English/local languages
	NIG	Lagos State BC	Ikeja	10	0430-0005 in English/local languages
989	ETH	R Ethiopia External Sce	Addis Ababa	1	1200-1830 (see External Service schedule)
999	UGA	UBC R	Kabale	100	irregular

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1008	EGY	ERTU El Arish R	El Arish	100	0600-1500 in Arabic, 1500-1600 in Russian, 1600-1640 in English, 1640-1700 in French, 1700-2200 in Hebrew
	EGY	ERTU N Upper Egypt R	Faiyum	10	0400-2000 in Arabic
	EGY	ERTU General Prgr	Farafra	1	24h in Arabic
	MOZ	Em Prov de Maputo	Maputo	50	24h in Portuguese
	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	24h in Portuguese
	NIG	Jigawa BC	Dutse	25	0500-2205 in English/local languages
	SDN	SRTC Blue Nile State R	Ad-Damazin	5	0300-2100 in Arabic
1035	ETH	R Oromiya	Adama	10	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
1044	ETH	R Ethiopia National Sce	Mekele	100	0300-2100 in Amharic/local languages
1053	ETH	R Oromiya	Nekemte	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
	LBY	Libyan National Radio	Tripoli	100	24h in Arabic
1071	ALG	RTA Chaîne 1	Illizi	5	24h in Arabic
	BOT	R Botswana	Jwaneng	25	24h in Setswana/English
	EGY	ERTU Adults Prgr	Cairo	100	0300-1500 in Arabic
1080	EGY	ERTU General Prgr	El Minya	100	0300-0000 in Arabic
	EGY	ERTU 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	KEN	KBC R Taifa	Maralal	100	0200-2110 in Swahili
	NIG	FRCN R Nigeria Kaduna	Jaji	25	0400-2300 in English/local langs
1125	LBY	R Free Libya	Bayda	500	Arabic; irregular; likely to be on lower power
1134	AGL	RNA Canal A	Luanda	10	24h in Portuguese
	NIG	Cross River State BC	Ogoja	10	0430-2315 in English/local languages
1152	KEN	KBC R Taifa	Wajir	50	0200-2110 in Swahili
1161	ALG	RTA R Tamanrasset	In Salah	5	24h in Arabic
	EGY	ERTU Mid-Delta Prgr	Tanta	100	0400-2000 in Arabic
1170	SWZ	TWR Swaziland	Mpangela Range	100	1800-2015 in English, 2015-2115 in Zulu, 2115-2200 in Shona
1179	CNR	SER Tenerife	Santa Cruz de Ten.	25	24h in Spanish
	EGY	ERTU General Prgr	Quena	10	0300-0000 in Arabic
	MOZ	Em Prov de Zambezia	Quelimane	50	24h in Portuguese
1188	EGY	ERTU General Prgr	Ras Gharib	10	0300-0000 in Arabic
1197	LSO	LNBS Ultimate FM	Lancer's Gap	50	24h in English
1206	MOZ	Em Prov de Inhambane	Inhambane	50	24h in Portuguese
	ROD	RM1, R Maurice	Citronelle	1	24h in French/English; local prgr 1400-1415
1215	BOT	R Botswana	Mahalapye	50	24h in Setswana/English
	REU	Réunion Première	St André	5	24h in French
	TZA	TBC Taifa	Arusha	10	24h in Swahili
1224	MOZ	Em Prov de Cabo Delgado	Pemba	50	24h in Portuguese
	NIG	R Plateau	Jos	50	0500-2300 in English/local languages
1233	KEN	KBC English/NE Sce	Marsabit	50	0200-2110 in English/local languages
1251	LBY	R Libya	Tripoli	200	Arabic; irregular; likely to be on lower power
1260	MOZ	Em Prov do Niassa	Lichinga	50	24h in Portuguese
1269	AFS	ArrowLine Chinese R	Edenvale	2	24h in Chinese
	NIG	Taraba State BC	Jalingo	10	0500-2300 in English/local languages
1278	EGY	ERTU General Prgr	Aswan	10	0300-0000 in Arabic
1290	AGL	Em Prov do Zaire	Soyo	5	24h in Portuguese/local languges
1296	SDN	SRTC General Prgr	Reiba	600	24h in Arabic
1305	EGY	ERTU General Prgr	Asyut	10	0300-0000 in Arabic
	KEN	KBC Iftiin FM	Wajir	50	Prgrs in Somali
1314	EGY	ERTU General Prgr	Hurghada	10	0300-0000 in Arabic
	EGY	ERTU General Prgr	Nag Hamadi	1	0300-0000 in Arabic
	EGY	ERTU S Upper Egypt R	Abu Simbel	1	0200-2200 in Arabic
1323	TZA	R One	Moshi	10	24h in Swahili
1341	EGY	ERTU Songs/Cultural Prgr	Cairo	100	0500-0100 in Arabic
	EGY	ERTU General Prgr	Idfu	10	0300-0000 in Arabic
	EGY	ERTU General Prgr	Siwa	10	24h in Arabic
	EGY	ERTU HQ/Y&S/Educ Prgr	Bawiti	10	0200-2200 in Arabic
1350	BOT	R Botswana	Tshabong	50	24h in Setswana/English
	EGY	ERTU General Prgr	Qusayr	10	0300-0000 in Arabic
1359	ETH	Voice of Tigray Revoution	Mekele	100	0300-2000 in Tigrinya/Afar

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1368	EGY	ERTU General Prgr	El Kharga	10	0300-0000 in Arabic
	EGY	ERTU HQ/Y&S/Educ Prgr	El Farafra	10	0200-2200 in Arabic
1368	SEY	SBC R	Victoria	10	0200-1800 in Creole/English/French
1377	TZA	R Free Africa	Mwanza	50	24h in Swahili/English
1386	EGY	ERTU S Upper Egypt R	Luxor	10	0200-2200 in Arabic
	EGY	ERTU General Prgr	Baranis	1	0300-0000 in Arabic
	KEN	KBC English/NE Sce	Maralal	100	0200-2110 in English/local languages
1404	MWI	MBC Radio 1	Chitipa	10	24h in English/Chichewa
1422	AFS	Hellenic R	Bedfordview	1	24h in Greek/English
	ALG	RTA various services	Algiers	40	24h in Arabic/French
	EGY	ERTU HQ/Y&S/Educ Prgr	Gharib	10	0200-2200 in Arabic
	EGY	ERTU Matruh R	Salum	10	0200-2200 in Arabic
	MWI	MBC Radio 1	Matiya	10	24h in English/Chichewa
1431	DJI	Radio Sawa relay	Djibouti	600	1645-0400 in Arabic
	DJI	Voice of America relay	Djibouti	600	1600-1630mf in Amharic, 1600-1630ss in Somali
1440	AFS	R Pulpit	Kameeldrift	10	DRM Tests, English/Afrikaans
	NIG	Adamawa BC	Yola	10	0430-2300 in English/local languages
	TZA	R One	Dar-es-Salaam	50	24h in English; irregular
1458	MYT	Mayotte Première	Pamandzi	5	0000(0145su)-1900(1830su) in French/Mahorian
1476	EGY	ERTUN Upper Egypt R	El Minya	10	0200-2200 in Arabic
1485	AFS	R Today	Johannesburg	1	24h in English
	ETH	R Ethiopia National Sce	Negele	10	0300-2100 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	ERTU North Sinai R	El Arish	25	0400-2300 in Arabic; also broadcasts Matruh R
1530	SAO	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 (Islamic)
1550	SAH	National R of SADR	Rabouni	50	0700-1300 & 1700-2300 in Arabic/Hassaniyya
1566	BEN	TWR Benin	Parakou	100	0315(0335ss)-0545 and 1725-2230(2215ss) in English/French/West African languages
1575	EGY	ERTU HQ/Y&S/Educ Prgr	Al-Qusayr	10	0200-2200 in Arabic
	MAU	BBC World Service relay	Bigara	2	24h in English
1584	AFS	Radio 1584	Pretoria	0.25	24h in English (Islamic)
	CEU	Radiolé Costa del Estrecho	Ceuta	5	24h in Spanish
	EGY	ERTU S Upper Egypt R	Idfu	10	0200-2200 in Arabic
	EGY	ERTU 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	ERTU Matruh R	Matruh	10	0200-2200 in Arabic
1602	EGY	ERTU Matruh R	Siwa	10	0200-2200 in Arabic
	EGY	ERTU 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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This guide provides information about the mediumwave and shortwave radio scene in African countries.  
Some of this could become outdated with time. If you would like to provide updated information  
or corrections, please contact the editor at [tony@bdxc.org.uk](mailto:tony@bdxc.org.uk) Thank you!

## Africalist

For a complete and up-to-date frequency-order list of Sub-Saharan African radio  
stations broadcasting on shortwave, see Thorsten Hallman's highly recommended  
"africalist" at [www.muenster.org/uwz/ms-alt/africalist/](http://www.muenster.org/uwz/ms-alt/africalist/)

## DX Listening Digest

For the latest shortwave news visit Glenn Hauser's World of Radio at [www.worldofradio.com](http://www.worldofradio.com)

## Bulgarian DX Blog

Latest shortwave reports and schedules at <http://swldxbulgaria.blogspot.co.uk/>