

**British DX Club**

**Africa on  
Mediumwave and Shortwave**



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

**March 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.

Services currently on longwave and mediumwave are:

Chaîne 1: National service in Arabic, operating 24 hours a day.

Chaîne 2: National service in Tamazight, operating 24 hours a day.

Chaîne 3: National service in French, operating 24 hours a day.

Jil FM: National service in Arabic (with some French/Tamazight), operating 24 hours a day for the 14-25 age group.

Radio Coran: Holy Qur'an service in Arabic.

Radio Culture: Cultural service in Arabic.

Local stations: Local and regional services operating from provincial centres, with Radio Algérienne programmes acting as a sustaining service at various times of the day and overnight.

## 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 Issoudun in France for listeners in North Africa and the Sahel. Until recently these had consisted of Chaîne 1 and the Holy Qur'an programme, with short news bulletins in French. However, since the beginning of February 2018 it was noted by Ivo Ivanov (SWL DX Bulgaria) that only the Holy Qur'an programme was being aired, as per the schedule below.

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

	Times/UTC	Days	Language	Service	Target	kHz
Morning	0400-0459	Daily	Arabic	Holy Qur'an	North Africa/Sahel	6060
	0500-0559	Daily	Arabic	Holy Qur'an	North Africa/Sahel	6060 6105
	0600-0659	Daily	Arabic	Holy Qur'an	North Africa/Sahel	6105
Evening	1800-1859	Daily	Arabic	Holy Qur'an	North Africa/Sahel	7375
	1900-1959	Daily	Arabic	Holy Qur'an	North Africa/Sahel	5905 7315
	2000-2159	Daily	Arabic	Holy Qur'an	North Africa/Sahel	5905 5940
	2200-2259	Daily	Arabic	Holy Qur'an	North Africa/Sahel	5905

### 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 in early 2018. Although not yet on air, the following frequencies for the new transmitters have been registered with HFCC for B-17:

**Transmitter sites:** Bechar - 250 kW and Ourgla - 250 kW.

<b>Times/UTC</b>	<b>Target</b>	<b>Registered frequencies (kHz)</b>
0200-0400	North Africa/Sahel	7250-org 7265- bec
0400-0600	North Africa/Sahel	5995-org 7265-org 7340- bec 9565- bec
0600-0700	North Africa/Sahel	7335- bec 9815- bec 9490- org
0700-0900	North Africa/Sahel	11995- bec 11830- org
0900-1600	North Africa/Sahel	13640- org 13790- bec
1800-1900	North Africa/Sahel	11715- org 11960- bec
1900-2300	North Africa/Sahel	11770- org 11965- org 13750- bec
2300-0000	North Africa/Sahel	11965- org 13750- bec
0000-0200	North Africa/Sahel	9600- bec 11965- org 13750- 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.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
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.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
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.

<b>Days</b>	<b>Times/UTC</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
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.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>	<b>note</b>
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 - MW 600 kW, SW 100 kW; Moepeng Hill, Botswana - 100 kW; Greenville NC - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1630-1700	Fri	Portuguese	Angola	13630- bot 17655- sao
1700-1730	Fri	Portuguese	Angola	1530- sao 13630- bot 17655- gre

## 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
0430-0500	Daily	BBC	French	West & Central Africa	6135 7305
0500-0530	Daily	Voice of America	Hausa	West Africa	6170
0500-0600	Daily	BBC	English	West & Central Africa	5875 5925 6005
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	5960
0629-0700	Daily	BBC	Hausa	West Africa	5975 7305
0700-0729	Daily	BBC	French	West Africa	9440
0700-0800	Daily	BBC	English	West & Central Africa	11770 12095
1130-1430	Sat	BBC	Hausa	West Africa	21630
1200-1230	Daily	BBC	French	West & Central Africa	17640
1300-1400	Daily	Deutsche Welle	Hausa	West Africa	17840
1400-1430	Mon-Fri	BBC	Hausa	West Africa	17780
1430-1700	Sat	BBC	Hausa	West Africa	17780
1600-1700	Daily	BBC	English	West & Central Africa	17640 17830
1700-1800	Daily	BBC	English	West & Central Africa	15400 17780 17830
1800-1830	Daily	BBC	French	West & Central Africa	11785 11975 15490
1800-1900	Daily	BBC	English	West & Central Africa	11810 13660 15400
1800-2100	Daily	R Ndarason Int	Kanuri	West Africa	12050
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	12005 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	9915 11810 12095
2130-2200	Mon-Fri	Voice of America	Bambara	West Africa	15120
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

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

# 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.

### **RB1 on mediumwave**

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
531	Radio Botswana National Service (RB1)	Maun, North-West District	50	24h in Setswana and English
558	Radio Botswana National Service (RB1)	Muchenje, North-West District	50	24h in Setswana and English
621	Radio Botswana National Service (RB1)	Selebi-Phikwe, Central District	100	24h in Setswana and English
648	Radio Botswana National Service (RB1)	Mopipi, Central District	50	24h in Setswana and English
693	Radio Botswana National Service (RB1)	Shakawe, North-West District	25	24h in Setswana and English
873	Radio Botswana National Service (RB1)	Ghanzi, Ghanzi District	50	24h in Setswana and English
945	Radio Botswana National Service (RB1)	Mmathethe, Southern District	25	24h in Setswana and English
972	Radio Botswana National Service (RB1)	Takatokwane, Kweneng District		24h in Setswana and English
1071	Radio Botswana National Service (RB1)	Jwaneng, Southern District	25	24h in Setswana and English
1215	Radio Botswana National Service (RB1)	Mahalapye, Central District	50	24h in Setswana and English
1350	Radio Botswana National Service (RB1)	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>
0300-0330	Daily	Afia Darfur	Sudanese Arabic	Sudan/Darfur	9825
0300-0500	Daily	VOA	English	Africa	909 4930
0330-0400	Daily	VOA	Rwanda-Rundi	Great Lakes Region	7460
0400-0430	Daily	VOA	Rwanda-Rundi	Great Lakes Region	7275 7460
0430-0530	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes Region	7275 7460
0500-0600	Daily	VOA	English	Africa	909 4930 15580
0530-0630	Mon-Fri	VOA	French	Africa	9885 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	13750 15715
1030-1100	Daily	VOA	Somali	Horn of Africa	13650
1100-1130	Sat	VOA	French	West/Central Africa	13750 15715 17850
1300-1400	Daily	VOA	Somali	Horn of Africa	15620
1400-1500	Sat/Sun	VOA	Rwanda-Rundi	Great Lakes Region	13630
1400-1500	Daily	VOA	English	Africa	4930 15580 17885
1500-1600	Daily	VOA	English	Africa	4930 7455 15580
1500-1530	Daily	VOA	Hausa	West Africa	17700
1530-1600	Mon-Fri	VOA	Hausa	West Africa	17700
1600-1630	Daily	VOA	English	Africa	909 4930 15580
1600-1800	Daily	VOA	Somali	Horn of Africa	13580
1630-1700	Daily	VOA	English	Africa	909 4930 15580(sa/su)
1630-1700	Fri	VOA	Portuguese	Horn of Africa	13630
1700-1730	Mon-Fri	VOA	Amharic	Horn of Africa	15580
1700-1800	Daily	VOA	Portuguese	Southern Africa	13630
1730-1800	Daily	VOA	English	Africa	15580
1700-1730	Daily	VOA St 7	Shona	Zimbabwe	909 4930
1730-1800	Sat/Sun	VOA St 7	Ndebele	Zimbabwe	909 4930
1800-1900	Mon-Fri	VOA St 7	Live Call	Africa	909 4930
1800-1830	Daily	VOA	English	Africa	909 4930 15580
1800-1830	Daily	Afia Darfur	Sudanese Arabic	Sudan/Darfur	11615
1800-1830	Mon-Fri	VOA	Portuguese	Southern Africa	13630
1830-1930	Daily	VOA	English	Africa	909 4930 15580
1830-1900	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes Region	11850
1830-2030	Daily	VOA	French	Central/West Africa	12075
1900-1930	Daily	Afia Darfur	Sudanese Arabic	Sudan/Darfur	9780
1930-2000	Daily	VOA	Learning English	Africa	909 4930 15580
1930-2000	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes Region	9885
2000-2100	Daily	VOA	English	Africa	909 4930 6195
2030-2100	Mon-Sat	VOA	Hausa	West Africa	11850
2100-2130	Mon-Fri	VOA	French	Central/West Africa	5885 12075
2130-2200	Mon-Fri	VOA	Bambaba	West Africa	5885 9485 12075

Additional transmissions to Zimbabwe have also been aired on shortwave from Botswana in recent weeks.

## 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 Burundi on 11 May 2015 following disturbances 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.

**Transmitter sites:** Moepeng Hill, Botswana - 100 kW; Pinheira, Sao Tome - 100 kW; Umm al-Rimam, Kuwait - 250 kW; Santa Maria di Galeria, Vatican - 250 kW

Times/UTC	Days	Language	Target	kHz
0330-0400	Daily	Kirundi	Great Lakes	7275-sao 7460-bot 9885-sao
0400-0430	Daily	Kirundi	Great Lakes	7275-bot
0430-0505	Mon-Fri	Kirundi	Great Lakes	7275-bot 7460-bot 9885-sao
0505-0530	Mon-Fri	English	Great Lakes	7275-bot 7460-bot 9885-sao
1400-1500	Sat/Sun	Kirundi	Great Lakes	9885-sao 13630-bot 15300-sao
1600-1630	Daily	Kirundi	Great Lakes	11850-smg 13630-sao 15460-sao
1830-1900	Mon-Fri	Kirundi	Great Lakes	11850-bot 13630-sao
1930-2000	Mon-Fri	Kirundi	Great Lakes	9885-bot 11850-sao 12140-kwt

## 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 ICDI, as it was then known, was put off air in March 2013 when Selaka rebels advanced on Bangui, with their studio and equipment looted. The station was rebuilt and reactivated in May 2013. Radio 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 Hironnelle, 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 - 250 kW; Woofferton, UK - 250 kW (brokered by Babcock Media Services).

Times/UTC	Days	Languages	Target	kHz
0500-0700	Daily	Kanuri/Kanembu/French	Lake Chad Basin Region	5960-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 during times of conflict in DRC. It operates on 5066.3v kHz.

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

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

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

Times/UTC	Days	Languages	Target	kHz
0500-1830/1900v	Daily	French and local languages	Domestic	6115

## 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:** Djibouti - 600 kW.

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

## Egypt

### Egyptian Radio and Television Union

ERTU is owned by the Egyptian government. It operates an extensive broadcasting network of stations on FM and mediumwave throughout the country.

The key services broadcasting on mediumwave and shortwave at present include Radio Cairo (the external service of Egyptian radio), the General Programme (ERTU's flagship radio service; the remaining relay on shortwave was cancelled in late October 2016), and the Voice of the Arabs (founded in 1953 and once the most influential broadcast medium in the Middle East and North Africa).



**Egyptian Radio mediumwave transmitters:**

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
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
981	North Upper Egypt R. General Prgr General Prgr	Asyut Abu Simbel Baris	10 1 1	0200-2200 in Arabic, also relay Holy Qur'an Prgr 24h in Arabic 0300-0000 in Arabic
1008	Palestine/Tourist Prgrs  North Upper Egypt R. General Prgr	El Arish  Faiyum Farafra	100  10 1	0600-1500 in Arabic, 1500-1600 in Russian, 1600-1640 in English, 1640-1700 in French, 1700-2200 in Hebrew 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 South Upper Egypt R.	Hurghada Nag Hamadi Abu Simbel	10 1 1	0300-0000 in Arabic 0300-0000 in Arabic 0200-2200 in Arabic, also relay Holy Qur'an Prgr
1341	Songs/Cultural Prgr HQ/Y&S/Educ. Prgrs  General Prgr	Cairo Bawiti  Siwa	100 10  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 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
1476	Matruh R. North Upper Egypt R.	Salum El Minya	10 10	0200-2200 in Arabic, also relay Holy Qur'an Prgr 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 - 100/150/200/250 kW; Abu Zaabal - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0400-0600	Daily	Swahili	East Africa	9480-abs
1300-1400	Daily	Dari	West Asia	15630-abs
1400-1600	Daily	Pashto	West Asia	12045-abs
1500-1600	Daily	Albanian	South-East Europe	9575-abs
1600-1700	Daily	Afar	East Africa	15450-abz
1600-1800	Daily	Swahili	East Africa	15660-abs

Times/UTC	Days	Language	Target	kHz
1700-1900	Daily	Turkish	South-East Europe	9900-abs or 9975-abs
1700-1730	Daily	Somali	East Africa	15285-abz
1730-1900	Daily	Amharic	East Africa	15285-abz
1800-1900	Daily	Italian	Southern Europe	9540-abs
1800-2100	Daily	Hausa	West Africa	9325-abs
1900-2000	Daily	Russian	Russia	9420-abs
1900-2000	Daily	German	Central Europe	9570-abs
1900-2030	Daily	English	West Africa	15290-abz
2000-2115	Daily	French	Western Europe	9900-abs
2115-2245	Daily	English	Western Europe	9900-abs
2215-2330	Daily	Portuguese	South America	12005-abs
2330-0045	Daily	Arabic	South America	12005-abs
0045-0200	Daily	Spanish	The Americas	9420-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 when Jordan Heyburn posted a tip via the WRTH Facebook page and many other DXers followed up with confirmation reports. Although heard 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 networks. Prior to the defeat of the Mengistu regime in Ethiopia in 1991, it had operated as a clandestine radio station supporting the Eritrean People's Liberation Front and other opposition groups.

### 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 Broadcasting Corporation (Radio Ethiopia) - External Service on shortwave**

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

<b>Times/UTC</b>	<b>Days</b>	<b>Service/Language</b>	<b>Target</b>	<b>kHz</b>
0700-1000	Daily	Somali	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
1600-1800	Daily	unconfirmed	Horn of Africa/Middle East	7236.8v

Eritrean opposition programmes are broadcast at 0400-0435mo-sa, 1500-1600 and 1800-1835mo-sa on 7236.8v kHz; see details below under "Target broadcasts to Eritrea and Ethiopia"

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

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
684	Radio Ethiopia National Service	Metu, Oromiya	100	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 regional stations currently broadcasting on mediumwave and shortwave**

Several states in Ethiopia have services on mediumwave and/or shortwave. These are well heard outside of their intended target area:

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

Thanks to monitoring observations by Thorsten Hallman and further research by Jari Savolainen during August 2017, Ethiopian Somali Regional State Radio is the station found to be operating on 5940 kHz. A Wikipedia entry for the state says that the Ethiopian Somali Regional State (Somali: Dawlada Deegaanka Soomaalida Itoobiya) is the easternmost of the nine ethnic divisions of Ethiopia. It is often called Soomaali Galbeed ("Western Somalia") on account of its geographical position within the Greater Somalia matrix. The state borders the Ethiopian regions of Oromia, Afar and Dire Dawa (Diridhawa) to the west, as well as Djibouti to the north, Somalia to the north, east and south, and Kenya to the south-west. Jijiga has been the capital of the Somali Regional State since 1994. The Somali Region covers much of the traditional territory of Ogaden and it formed a large part of the pre-1995 province of Hararghe. The population is predominantly Somali, and there is internal pressure to remove Ethiopian rule. There have been attempts to incorporate the area into a Greater Somalia.

**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)**

Voice of the Tigray Revolution is the official broadcasting station of the Tigray Region. The Tigray Region is the northernmost of the nine ethnic divisions of Ethiopia. Tigray is the homeland of the Tigrayans, Irob and Kunama peoples. The region's capital and largest city is Mek'ele. Tigray is bordered by Eritrea to the north, Sudan to the west, the Afar Region to the east, and the Amhara Region to the south and southwest. The working language is Tigrinya, although most urban people are also able to speak Amharic. (Wikipedia)

**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**

Radio Oromiyya is the official broadcasting station of the Oromiyya Region. Oromiyya is bordered by the Somali Region to the east; the Amhara Region, the Afar Region and the Benishangul-Gumuz Region to the north; South Sudan, Gambela Region, and Southern Nations, Nationalities, and Peoples' Region to the west; and Kenya to the south. The 2007 census reported that the Oromia Region population was 26,993,933, making it the largest state in population and area. Oromo (afaan oromoo), which is written with Latin characters, is the most commonly spoken language, spoken by 83.5% of the population. Other major languages include Amharic (11%) especially in eastern Welega and northern Shewa. (Wikipedia)

**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**

Amhara Regional State Radio is the official broadcasting station of the Amhara Region. Amhara is one of the nine ethnic divisions of Ethiopia, containing the homeland of the Amhara people. Previously known as Region 3, its capital is Bahir Dar. Ethiopia's largest inland body of water, Lake Tana, which is the source of the Blue Nile river, is located within Amhara. The region also contains the Semien Mountains National Park, which includes Ras Dashan, the highest point in Ethiopia. Amhara is bordered by the state of Sudan to the west and northwest, and in other directions by other regions of Ethiopia: Tigray to the north, Afar to the east, Benishangul-Gumuz to the west and southwest, and Oromia to the south. At 91.47% of the local population, the region is predominantly inhabited by people from the Semitic-speaking Amhara ethnic group. (Wikipedia)

**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.**

Radio Fana (Fana is Amharic for "Torch"), now known as Fana Broadcasting Corporate S.C., was originally operated by the Ethiopian People's Revolutionary Democratic Front (EPRDF, the ruling coalition). Broadcasts by Radio Fana began on 7 November 1994 and replaced those by two earlier EPRDF stations, the Voice of the Ethiopian People for Peace, Democracy and Freedom, and the Voice of the Broad Masses, which broadcast in Amharic and Oromo respectively from shared transmitter facilities. The line taken in Radio Fana's broadcasts originally echoed that of Radio Ethiopia, the government station in Addis Ababa, although it was described as "an autonomous radio station deriving its income from educational sponsorship by non-governmental organisations". It is now said to be a private news media company, focusing mostly on political, social and economic issues within Ethiopia. It operates both radio and television stations.

**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 - 200 kW; Dhabbaya, UAE - 250 kW; Meyerton, South Africa - 100 kW on 9885 kHz and 250 kW on 12065 kHz; Ascension Island - 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	7595-kos 11720-dha 12065-mey
1750-1810	Mon-Fri	Oromo	Horn of Africa	7595-kos 11720-dha 12065-mey
1810-1830	Mon-Fri	Tigrinya	Horn of Africa	7595-kos 11720-dha 12065-mey
1830-1850	Mon-Fri	Amharic	Horn of Africa	9885-mey 15490-asc (repeat of 1730)
1850-1910	Mon-Fri	Oromo	Horn of Africa	9885-mey 15490-asc (repeat of 1750)
1910-1930	Mon-Fri	Tigrinya	Horn of Africa	9885-mey 15490-asc (repeat of 1810)

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

### **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 - 500 kW; Dhabbaya, UAE - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1600-1700	Daily	Amharic	Horn of Africa	15275-iss 15340-dha 17800-dha

### 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 - 600 kW; SW: Botswana - 100 kW; Dhabbaya, UAE - 250 kW; Kuwait - 250 kW; Lampertheim, Germany - 100 kW; Meyerton, South Africa - 100 kW; Pinheira, Sao Tome - 100 kW; Udon Thani, Thailand - 250 kW; Woofferton, UK - 250/300 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	11695-sao 15580-bot
1730-1800	Mon-Fri	Oromo	Horn of Africa	9485-wof 9755-udo 11695-udo 11900-mey 12040-udo 12140-lam 13765-kwt
1800-1900	Daily	Amharic	Horn of Africa	9485-wof 9755-udo 11695-udo 11900-mey 12040-udo 12140-lam 13765-kwt
1900-1930	Mon-Fri	Tigrinya	Horn of Africa	9485-wof 9755-udo 11695-sao 11900-dha 12040-udo 12140-lam 13765-kwt

### Current 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 - 100 kW.

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

#### 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 - 50 kW

Times/UTC	Days	Language	Target	kHz
1700-1730	Mon-Fri	Tigrinya	Horn of Africa	9720
1700-1800	Sat	Tigrinya	Horn of Africa	9720
1700-1800	Sun	Arabic	Horn of Africa	9720
1730-1800	Mon-Fri	Arabic	Horn of Africa	9720

### Current opposition and other target broadcasts to Ethiopia

Target broadcasts to Ethiopia on shortwave may be jammed by the Ethiopian government with very strong white digital noise from transmitters provided by China.

#### Raadiyoo Warra Wangeelaa

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

**Transmitter site:** Kostinbrod, Bulgaria - 100 kW.

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

#### Oromia Media Network - Radio OMN

Radio OMN was heard by Rom Howard on 22 December 2017 at 1500-1600 on 11600 kHz via Bulgaria and then again from 26 January 2018 at 1600-1700 on 11575 and 11600 kHz. They had previously broadcast briefly in 2016. Ron adds that "OMN is a US based nonprofit organisation, licensed under the FCC and located in Minneapolis, Minnesota".

**Transmitter site:** Kostinbrod, Bulgaria - 50 kW on 11575 kHz and 100 kW on 11600 kHz.

Times/UTC	Days	Language	Target	kHz
1600-1700	Daily	Oromo	Horn of Africa	11575-kos 11600-kos

**Note:** transmissions appear to have been discontinued again since the end of February 2018.

### **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:** Issoundun, France - 500 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1600-1630	Tue/Sat	Somali	Horn of Africa	11970-iss

### **Sagalee Qeerroo Bilisummaa**

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 - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1630-1700	Tue/Thu/Fri	Oromo	Horn of Africa	17840-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 the Sudanese government but since 1992 has bought airtime on commercial transmitters around the world.

**Transmitter site:** Nauen, Germany - 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	11810-nau
1730-1800	Wed	Amharic	Horn of Africa	11810-nau

### **Voice of Amara Radio**

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

**Transmitter site:** Issoudun, France - 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 made a surprise appearance on shortwave for the first time in several years on the evening of 15 April 2016. Several weeks later, Radio Guinée reappeared on 9650 kHz on Friday 5 August 2016 and is now regularly heard.

**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

**Note:** schedule subject to confirmation.

## 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
0200-0215	Tue/Fri	Bible Voice	English	South Asia	11790
0200-0230	Thu/Sat	Bible Voice	English	South Asia	11790
0200-0300	Sun	Bible Voice	English	South Asia	11790
0300-0328	Daily	AWR	Oromo	Horn of Africa	12010
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	15550
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	15550
0430-0500	Daily	R France Int	Swahili	East Africa	9665
0500-0800	Daily	BBC	English	East Africa	15420
0530-0600	Daily	NHK R Japan	French	Central Africa	13840
0530-0600	Daily	R France Int	Swahili	East Africa	11790
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	21690
1230-1245	Sun	Bible Voice	English	East Asia	21480 (1st / 3rd Sunday only)
1300-1400	Daily	AWR	Vietnamese	South-East Asia	17670
1400-1430	Daily	AWR	Sinhalese	South Asia	15255
1400-1500	Daily	AWR	Malagasy	Madagascar	6055
1400-1500	Daily	BBC	Somali	East Africa	12095
1430-1500	Daily	NHK R Japan	Hindi	South Asia	15720



Times/UTC	Days	Station	Language	Target	kHz
1430-1530	Daily	R Tamazuj	Sudanese languages	Sudan	13800
1500-1530	Daily	AWR	Punjabi	South Asia	15150
1500-1600	Daily	BBC	English	East Africa	12095
1530-1600	Daily	AWR	Hindi	South Asia	17730
1530-1600	Daily	AWR	Malayalam	South Asia	15680
1530-1630	Daily	R Dabanga	Sudanese Arabic	Darfur/Sudan	13800
1600-1615	Sat	Vatican R	Swahili	East Africa	11625
1600-1630	Daily	AWR	English	South Asia	17730
1600-1630	Sun-Fri	Vatican R	Swahili	East Africa	11625
1600-2000	Daily	BBC	English	East Africa	7445
1615-1630	Sat	Vatican R	Somali	Horn of Africa	11625
1630-1700	Daily	Vatican R	English	Southern Africa	11625
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	Great Lakes	15420
1700-1728	Daily	AWR	Swahili	East Africa	11720
1729-1800	Daily	NHK R Japan	Swahili	East Africa	13730
1730-1800	Daily	Vatican R	Amharic	Horn of Africa	11625
1800-1830	Fri	Bible Voice	to be confirmed	East Africa	15420
1800-1900	Sat	R Itahuka	Kinyarwanda	Great Lakes	15420
1800-1900	Daily	to be confirmed	RunSwaFra (HFCC)	Great Lakes	11550
1830-1900	Daily	AWR	English	Southern Africa	15155
1900-1930	Daily	V of the People	Somali	Horn of Africa	9600
1900-2000	Daily	AWR	Arabic	N Africa/M East	11985
2000-2030	Daily	AWR	Moore	West Africa	17570
2030-2100	Daily	NHK R Japan	French	Central/West Africa	9855

### 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	7330	Madagascar 1	La Voz Alegre
0300-0400	Daily	English	South Asia	15560	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	9810	Madagascar 2	Your New Life Station
1900-2000	Daily	Arabic	North Africa	11945	Madagascar 1	Radio Feda
2000-2100	Daily	Arabic	North Africa	11945	Madagascar 1	Radio Feda
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 mediumwave and FM. MBC was last heard on shortwave 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-Television du Mali

ORTM is the state-operated broadcasting service in Mali. Radio Mali, the National Radio channel, is on FM in many parts of the country, although a single 100 kW shortwave transmitter remains in operation for nationwide coverage.

**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 was first relayed via transmitters in Mali in 1988. As of July 2017 the site appeared to be off-air.

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

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

### Target broadcast to Mali

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

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

**Transmitter sites:** Ascension Island - 250 kW; Moepeng Hill, Botswana - 100 kW.

Times/UTC	Days	Language	Target	kHz
2130-2200	Mon-Fri	Bambara	West Africa	5885-bot 9485-bot 12075-bot 15120-asc

## Mauritania

### Radio Mauritanie

Radio Mauritanie is the state-operated broadcasting service. It broadcasts on FM and MW. It was last heard on shortwave in October 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:**

kHz	Station	Location	kW	Schedule
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.

Times/UTC	Days	Language	Target	kHz
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**

kHz	Station	Location	kW	Schedule
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 Zambesia	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.

Other stations on FM in Mozambique include LM Radio "Lifetime Music Radio" who have the same format as the famous Lourenço Marques Radio and who have been granted a licence to broadcast on 702 kHz in South Africa.

## 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

Unless otherwise stated programmes are in English and Hausa, and in some cases other Nigerian local languages.

### Nigeria on shortwave

#### 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

### **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

### **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, replacing Babcock Media Services from their sites at Ascension and Woofferton.

**Transmitter site:** Issoudun, France - 250/500 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0500-0600	Daily	Kanuri	West Africa	5950-iss
0600-0700	Daily	Kanuri	West Africa	7415-iss
1800-2000	Daily	Kanuri	West Africa	1670-iss

A new sister from Dandal Kura was launched on 24 February 2018 for the Lake Chad Basin region. Based in N'djamena, Chad, this will be called Radio Ndarason Internationale when its transition from Dandal Kura has been completed. 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 - 100 kW; Okeechobee, Florida - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>Target</b>	<b>kHz</b>
0700-0730	Daily	Hausa/Kanuri	West Africa	11530-rmi 13710-iss - unconfirmed, possibly discontinued at 0700.
1930-2000	Daily	Hausa/Kanuri	West Africa	9580-iss 11530-rmi

#### **Radio Na Gaskiya (Radio Truth)**

The Indigenous People of Biafra (IPOB) launched this new shortwave broadcast to Nigeria in Hausa on 6 January 2018. It identifies on air as "Radio Na Gagaskiya" (Radio Truth). The IPOB website at [www.ipob.org](http://www.ipob.org) gives the wrong time, and also calls the station "Radio Nigeria Hausa Service", although this is not the name used on air.

**Transmitter site:** Kostinbrod, Bulgaria - 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>Target</b>	<b>kHz</b>
1600-1700	Daily	Hausa	West Africa	15110-kos

## **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).

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>	<b>Schedule</b>
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.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>kHz</b>	<b>Schedule</b>
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 and is on FM. 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.

### 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 - 250 kW.

Times/UTC	Days	Language	Target	kHz
1800-1900	Sat	Kinyarwanda	Great Lakes	15420

## 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 is the state's public broadcaster. It operates on mediumwave and FM. It 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
0300-0400	Daily	VOA	English	West Africa	6080
0300-0330	Daily	Afia Darfur	Sudanese Arabic	Darfur/Sudan	7215
0330-0430	Daily	VOA	Rwanda-Rundi	Great Lakes	7275 9885
0400-0500	Daily	VOA	English	West Africa	4960 6080
0430-0530	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes	9885
0500-0600	Daily	VOA	English	Central Africa	6080
0500-0530	Daily	VOA	Hausa	West Africa	1530 4960 6020
0530-0630	Mon-Fri	VOA	French	West Africa	1530 4960 6020
0600-0700	Daily	VOA	English	West Africa	1530 6080 9550
0630-0700	Daily	Deutsche Welle	Hausa	West Africa	7220
0700-0730	Daily	VOA	Hausa	West Africa	4960 12070
0830-0900	Wed/Sat	VOA	French	West/Central Africa	12030
1030-1100	Daily	VOA	Somali	Horn of Africa	15620
1100-1130	Sat	VOA	French	West Africa	12030
1300-1400	Daily	Deutsche Welle	Hausa	West Africa	9830
1300-1400	Daily	VOA	Somali	Horn of Africa	17600
1400-1500	Sat/Sun	VOA	Rwanda-Rundi	Great Lakes	9885 15300
1500-1530	Daily	VOA	Hausa	West Africa	9765 11850
1500-1600	Daily	VOA	English	Africa	17865
1530-1600	Mon-Fri	VOA	Hausa	West Africa	9765 11850
1600-1630	Daily	VOA	Rwanda-Rundi	Great Lakes	13630 15460
1600-1700	Daily	VOA	English	Africa	1530 6080
1630-1700	Daily	VOA	Swahili	East Africa	15460
1630-1700	Fri	VOA	Portuguese	Southern Africa	17655
1700-1730	Mon-Fri	VOA	Amharic	Horn of Africa	11695
1700-1730	Daily	VOA	English	Africa	6080
1700-1800	Daily	VOA	Portuguese	West Africa	1530
1700-1700	Daily	VOA Studio 7	Shona	Zimbabwe	13860 15460

Times/UTC	Days	Service	Language	Target	kHz
1730-1800	Daily	VOA	English	Africa	6080 13590
1730-1800	Daily	VOA Studio 7	Ndebele	Zimbabwe	13860 15460
1800-1830	Mon-Fri	VOA	Portuguese	West Africa	1530
1800-1900	Daily	Deutsche Welle	Hausa	West Africa	9830
1800-1900	Mon-Fri	VOA Studio 7	Live Call	Zimbabwe	13860 15460
1830-1900	Daily	VOA	French	West Africa	1530
1830-1900	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes	13630
1900-1930	Daily	VOA	French	Africa	1530
1900-1930	Daily	VOA	French	West Africa	9590
1900-1930	Mon-Fri	VOA	Tigrinya	Horn of Africa	11695
1900-2000	Daily	VOA	English	Africa	13590
1930-2000	Daily	VOA	French	West Africa	1530 9590 11900
1930-2000	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes	11850
2000-2030	Daily	VOA	French	West Africa	11900
2000-2200	Daily	VOA	English	Africa	1530
2030-2100	Mon-Fri	VOA	Hausa	West Africa	4940 6040 12075
2030-2100	Sat	VOA	Hausa	West Africa	6040 11900 12075
2030-2100	Sat/Sun	VOA	English	Africa	4940
2030-2100	Sat/Sun	VOA	French	West Africa	11900(sun) 15120
2100-2200	Daily	VOA	English	Africa	6195
2130-2200	Mon-Fri	VOA	Bambara	West Africa	5885

Additional transmissions to Zimbabwe have also been aired on shortwave from Botswana in recent weeks.

## Senegal

### Radiodiffusion Télévision Sénégalaise

RTS is the public broadcasting company and now operates on FM only. It was last reported on shortwave in 1997.

## 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 shortwave in 2002.

## Somalia

All stations in the Mogadishu area are now on FM only. Radio Mogadishu, representing the Federal Government is 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.

### 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 broadcast to Somalia

#### BBC broadcasts to Somalia

**Transmitter sites:** Talata Volonondry, Madagascar - 250 kW; Dhabbaya, UAE - 250 kW; Meyerton, South Africa - 100/250 kW

Times/UTC	Days	Language	Target	kHz
0400-0430	Daily	Somali	Horn of Africa	11995-mdc 13840-dha
1100-1130	Daily	Somali	Horn of Africa	15530-dha 17780-dha
1130-1400	Sat	Somali	Horn of Africa	17745-mey 21470-dha
1400-1500	Daily	Somali	Horn of Africa	12095-mdc 17745-mey 21470-dha
1800-1830	Daily	Somali	Horn of Africa	6180-dha 9590-mey 11875-mey

#### Voice of America broadcasts to Somalia

**Transmitter sites:** MW: Dorale, Djibouti; SW: Santa Maria di Galeria, Vatican - 250 kW; Lampertheim, Germany - 100 kW; Dhabbaya, UAE - 250 kW; Moepeng Hill, Botswana - 100 kW; Pinheira, Sao Tome - 100 kW; Woofferton, UK - 250 kW.

Times/UTC	Days	Language	Target	kHz
0330-0400	Daily	Somali	Horn of Africa	9510-smg 9825-lam 11750-dha
1030-1100	Daily	Somali	Horn of Africa	13650-bot 15620-sao 17600-udo
1300-1400	Daily	Somali	Horn of Africa	15620-bot 17600-sao
1600-1630	Sat/Sun	Somali	Horn of Africa	1431-dji
1600-1800	Daily	Somali	Horn of Africa	13580-bot 15620-wof

### 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 - 250 kW.

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

## 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.

Times/UTC	Days	Language	Target	kHz
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

### Target broadcast to Somaliland

#### Voice of the People of Somaliland

Voice of the People of Somaliland was launched on Saturday 19 August 2017. It appeared to have connections to the website somalilandvoice.co.uk. It was last reported on 15 November 2017 at 1900-1930 on 9600 kHz via Madagascar and it appears that daily transmissions have now been cancelled.



# 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>
0500-0700	Daily	Afrikaans	Northern Cape	7285
0700-1800	Daily	Afrikaans	Northern Cape	9650
1800-0500	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>
0300-0400	Mon-Fri	English	East & Central Africa	6155
0300-0500	Mon-Fri	English	Southern Africa	3345
0500-0900	Mon-Fri	English	Southern Africa	7230
0600-0700	Mon-Fri	English	West Africa	15255
0900-1200	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	17770
1600-1700	Mon-Fri	English	Central Africa	6035
1600-1700	Mon-Fri	French	West Africa	15235
1700-1800	Mon-Fri	English	West Africa	15235

### 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>
0500-0600	Daily	BBC	English	Southern Africa	3255 6190
0500-0600	Daily	BBC	English	East Africa	12095
0500-0600	Sat	BBC	Rwanda-Rundi	Great Lakes	11945 15490
0529-0600	Sun	BBC	Rwanda-Rundi	Great Lakes	11945 15490
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
1130-1400	Sat	BBC	Somali	Horn of Africa	17745
1200-1230	Daily	BBC	French	Central Africa	17780
1400-1430	Mon-Fri	BBC	Hausa	West Africa	17640
1400-1500	Daily	BBC	Somali	Horn of Africa	17745
1500-1600	Daily	BBC	English	East Africa	15420

Times/UTC	Days	Station	Language	Target	kHz
1500-1700	Sat	BBC	Somali	Horn of Africa	17745
1600-1700	Daily	BBC	English	East Africa	12095
1600-2000	Daily	BBC	English	Southern Africa	3255 6190
1630-1700	Mon-Fri	Voice of America	Sudanese English	South Sudan	11850
1630-1700	Daily	Voice of America	Swahili	East Africa	15260
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	Great Lakes	17870
1700-1730	Daily	Adventist World R	Swahili	East Africa	15490
1700-1800	Daily	BBC	English	East Africa	9410
1730-1750	Mon-Fri	BBC	Amharic	Horn of Africa	12065
1730-1800	Daily	Adventist World R	Masai	East Africa	15490
1730-1800	Mon-Fri	Voice of America	Oromo	Horn of Africa	11900
1750-1810	Mon-Fri	BBC	Oromo	Horn of Africa	12065
1800-1830	Daily	BBC	French	Indian Ocean Isl.	7300
1800-1830	Daily	BBC	Somali	Horn of Africa	9590 11875
1800-1830	Daily	NHK R Japan	English	Central Africa	11800
1800-1900	Daily	Deutsche Welle	Hausa	West Africa	15200
1800-1900	Daily	Voice of America	Amharic	Horn of Africa	11900
1810-1830	Mon-Fri	BBC	Tigrinya	Horn of Africa	12065
1830-1850	Mon-Fri	BBC	Amharic	Horn of Africa	9885
1850-1910	Mon-Fri	BBC	Oromo	Horn of Africa	9885
1910-1930	Mon-Fri	BBC	Tigrinya	Horn of Africa	9885
1930-2000	Daily	Adventist World R	Fulfulde	West Africa	17800
2000-2030	Daily	Adventist World R	French	West Africa	11800
2030-2100	Daily	Adventist World R	Yoruba	West Africa	11750

### South African Radio League - Amateur Radio Today

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

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

Times/UTC	Days	Language	Target	kHz
0800-0900	Sun	English	Southern/East Africa	7205 17760
1630-1730	Mon	English	Southern Africa	4895

## Sudan

### Sudan Radio and Television Corporation - Sudan Radio

Sudan Radio is the state-controlled broadcasting service in Sudan. As well as the General Programme, SRTC operates many regional stations throughout the country. It also broadcasts an external service (Voice of Africa) on shortwave.

### 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 - Sudan Radio (General Programme)**

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

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

<b>Times/UTC</b>	<b>Language</b>	<b>kHz</b>	<b>Notes</b>
0215-1600	Arabic	7205	check 9505 as alternative; there may be breaks throughout the day during this period
1600-1930	Arabic	7205	sometimes here instead of external service, see below; check 9505 as alternative
1930-2100	Arabic	7205	check 9505 as alternative

### **Voice of Africa**

Voice of Africa is the external service of the Sudan Radio and Television Corporation.

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

<b>Times/UTC</b>	<b>Language</b>	<b>kHz</b>	<b>Notes</b>
1600-1720	French	9505	sometimes heard with domestic service in Arabic instead; check 7205 as alternative
1720-1830	English	9505	sometimes heard with domestic service in Arabic instead; check 7205 as alternative
1830-1930	Hausa	9505	sometimes heard with domestic service in Arabic instead; check 7205 as alternative

## **South Sudan**

### **South Sudan Radio**

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

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

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

## **Target broadcasts to Sudan, Darfur and South Sudan**

### **Radio Afia Darfur**

Afia Darfur, an all-news and information programme for Darfur, is operated from the Middle East Broadcast Network facility in Virginia and is funded by a grant from the US State Dept to the BBG. It began broadcasting 29 September 2008.

**Transmitter sites:** Pinheira, Sao Tome - 100 kW; Santa Maria di Galeria, Vatican - 250 kW; Moepeng Hill, Botswana - 100 kW; Woofferton, UK - 300 kW; Udorn Thani, Thailand - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0330	Daily	Sudanese Arabic	Darfur/Sudan	7215-sao 9510-smg 9825-bot
1800-1830	Daily	Sudanese Arabic	Darfur/Sudan	9650-wof 11615-bot 12075-smg
1900-1930	Daily	Sudanese Arabic	Darfur/Sudan	9780-bot 9825-smg 11615-udo

### **Radio Dabanga**

Radio Dabanga is part of the Radio Darfur Network, an initiative of Darfur Journalists to provide independent news.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>Target</b>	<b>kHz</b>
0430-0530	Daily	Arabic/Sudanese languages	Darfur/Sudan	7315-smg 15550-mdg
1530-1630	Daily	Arabic/Sudanese languages	Darfur/Sudan	13800-mdg 15550-smg

### **Radio Tamazuj**

Radio Tamazuj is an initiative of Free Press Unlimited and produces a special programme for people in the conflict areas between North and South Sudan, such as Abyei, Blue Nile and South Kordofan. Tamazuj means "across the border".

**Transmitter sites:** Talata-Volonondry, Madagascar - 250 kW; Santa Maria di Galeria, Vatican - 250 kW; Issoudun, France - 250 kW; Nauen, Germany - 125 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Languages</b>	<b>Target</b>	<b>kHz</b>
0330-0430	Daily	Arabic/Sudanese languages	Sudan/South Sudan	7315-smg 15550-mdg
1430-1530	Daily	Arabic/Sudanese languages	Sudan/South Sudan	13800-mdg 15550-smg

### **Eye Radio**

Eye Radio is managed as a partnership between Internews & Eye Media. Shortwave transmissions began in April 2016.

**Transmitter site:** Issoudun, France - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0400-0500	Daily	English/Sudanese Arabic/South Sudanese local languages	South Sudan	11730-iss
1600-1900	Daily	English/Sudanese Arabic/South Sudanese local languages	South Sudan	15250-iss

### **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.

**Transmitter sites:** Meyerton, South Africa - 100 kW; Woofferton, UK - 300 kW; SMG, Vatican - 250 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	11850-mey 13865-wof 15180-smg

# Swaziland

## 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>
0255-0325	Daily	Shona	Southern Africa	3240
0325-0340	Daily	Ndau	Southern Africa	3240
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	7300
1420-1435	Mon-Fri	Lomwe/Port.	Southern Africa	7315
1420-1450	Sat	Makhuwa	Southern Africa	7315
1455-1510	Daily	Shona	Southern Africa	7300
1455-1525	Mon-Fri	Malagasy	Madagascar	9585
1455-1525	Sat/Sun	French	Madagascar	9585
1525-1555	Mon-Fri	Shona	Southern Africa	7300
1557-1627	Mon-Fri	Kirundi	Great Lakes	15105
1630-1645	Tue	Shangaan	Southern Africa	4760
1630-1645	Sat	Portuguese	Southern Africa	4760
1630-1645	Tue	Oromo	Horn of Africa	11660
1630-1645	Fri/Sat	Kambaata	Horn of Africa	11660
1630-1645	Sun/Mon	Amharic	Horn of Africa	11660
1630-1700	Wed/Thu	Oromo	Horn of Africa	11660
1645-1700	Mon/Tue	Borana	Horn of Africa	11660
1645-1700	Fri/Sat	Hadiyya	Horn of Africa	11660
1645-1700	Sun	Oromo	Horn of Africa	11660
1700-1715	Sat	Amharic	Horn of Africa	11660
1700-1730	Sun-Fri	Amharic	Horn of Africa	11660
1700-1730	Daily	Yao	Southern Africa	7300
1715-1730	Sat	Oromo	Horn of Africa	11660
1730-1800	Mon-Fri	Oromo	Horn of Africa	11660
1730-1800	Sun	Amharic	Horn of Africa	11660
1745-1800	Sat	Turkana	East Africa	9475
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

## 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.

kHz	Station	Location	kW	Schedule
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.

Times/UTC	Language	Target	kHz
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

kHz	Station	Location	kW	Schedule
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 broadcasts Christian programming to Uganda and Southern Sudan.

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

Times/UTC	Days	Language	Target	kHz
1500v-1900v	Daily	English/local languages	Uganda/Southern Sudan	4750

### 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.

Times/UTC	Days	Language	Target	kHz
1500-2000	Sun	Luganda	Uganda	15240

# 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 in Morocco.

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

Times/UTC	Days	Language	Target	kHz	notes
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 transmissions last reported in 2011.

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

Times/UTC	Days	Language	Target	kHz
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

Times/UTC	Service	Languages	Target	kHz	News in English
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.

Times/UTC	Days	Target	kHz
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 (extended to 1930 until 16 February 2018)

# 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.

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

**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 - MW 600 kW; SW 100 kW; Pinheira, Sao Tome - 100 kW

Days	Times/UTC	Programme	Target	kHz
Daily	1700-1730	Nhau dze Shona	Zimbabwe	909-bot 4930-bot 13860-sao 15460-sao
	1730-1800	Indaba zesi Ndebele	Zimbabwe	909-bot 4930-bot 13860-sao 15460-sao
Mon-Fri	1800-1900	Live Call	Zimbabwe	909-bot 4930-bot 13860-sao 15460-sao


During the recent Presidential crisis in Zimbabwe, VOA operated a 24 hour service on mediumwave and shortwave and has since had additional programming on some days.


## QSL CARD

### Trans World Radio

### Benin 1566kHz

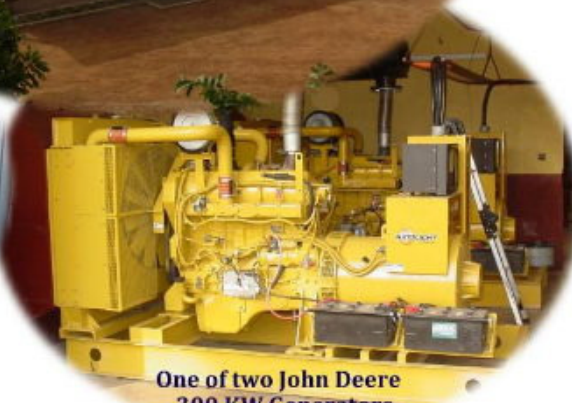
E-mail: [1566@twr.org](mailto:1566@twr.org)






**Began Broadcasting  
February 1, 2008**

**Natural 100KW Transmitter**



**One of two John Deere  
300 KW Generators**



# 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	Azilal	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
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



<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
675	KEN	KBC R Taifa	Marsabit	50	0200-2110 in Swahili
	MWI	MBC Radio 1	Ekwindeni	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
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

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
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
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

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
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 languages
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
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

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1485	AFS	R Today	Johannesburg	1	24h in English
	ETH	R Ethiopia National Sce	Negele	10	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

with thanks to Dave Kenny, Chris Greenway, Alan Pennington, Harald Kuhl and members of the British DX Club.

Thanks also to Thorsten Hallman, Morand Fachot, Bruce Jensen and Hans Johnson for their help and special thanks to the late Steve Lare - RIP

and acknowledging the following sources of news and information:  
Africalist, BC-DX, Eike Bierwirth (EiBi List), DX Listening Digest, DXing.info, DXplorer, DSWCI DX Window, DX Mix-Bulgaria, HCDX and the Nagoya DXers Circle (Aoki List)

Please send corrections and up-dates by email to: [tony@bdxc.org.uk](mailto:tony@bdxc.org.uk)

## 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/>