

**British DX Club**

**Africa on  
Mediumwave and Shortwave**



**Country-by-Country Guide to  
Mediumwave and Shortwave Broadcasting in Africa**

**including opposition and target broadcasts  
to the African continent and a complete list of  
mediumwave stations operating in Africa**

**August 2017**

## Africa on shortwave at a glance

Here is a quick look at the African shortwave radio scene at the beginning of August 2017.

**Algeria** Radio Algerienne operates on shortwave during the morning 0400-0700 and evening 1800-2300 with relays via Issoudun, France. The new transmitters in Algeria are still not on air.

**Angola** RNA's Canal A is heard widely on 4950v kHz.

**Ascension Island** The BBC Atlantic Relay Station is on air with relays of the BBC World Service to Africa, as well as relays of the Voice of America and Deutsche Welle, and programmes on behalf of Dandal Kura (to Nigeria), Follow the Bible, and Radio Akhbar Mufriha.

**Botswana** The IBB Transmitting Station broadcasts mainly Voice of America programmes to Africa.

**Burundi** Whilst there is an on-going political crisis in Burundi, Radio Publique Africaine broadcasts a daily programme to Burundi via a shortwave transmitter in Issoudun, France, at 1800-1900 on 15480 kHz.

The Voice of America also has dedicated Great Lakes Service for Burundi and Rwanda.

**Central African Republic** Radio Maïngo (previously known as Radio IDCI) is a community radio station belonging to Water for Good, a Christian ministry, that says it is on air with a 1 kW shortwave transmitter on 6030 kHz daily between 0600-1100 and 1300-1600.

**Chad** Despite reportedly being reactivated in March 2016, Radio Chad on 6165 kHz has not been heard since and is presumably off air again. Worth checking the frequency regularly though, especially as both Malabo and Mali have had their transmitters seemingly repaired in recent weeks and indicating that there may be technicians from either China or Taiwan doing the rounds in Africa.

**Congo (Dem Rep)** Radio Télé Candip is a radio station in Bunia, Ituri Province, Eastern DRC, that operates with a 1 kW shortwave transmitter on 5066.3 kHz between 0250v-0700 and 1300-1900v and is reported quite often.

Best Radio (formerly known as Radio Kahuzi) located in Bukavu, South Kivua Province, Eastern DRC is operated by a Christian group called Believer's Express Service, Inc. They say that their 1 kW shortwave transmitter is operational on 6210 kHz between 0700v-1500v.

**Congo (Rep)** Radio Congo maintains a 50 kW shortwave transmitter for daytime coverage on 6115 kHz, characterised by its abrupt sign-off anytime between 1830-1900.

**Egypt** Radio Cairo is the external service of Egyptian radio and continues to operate services on shortwave in several languages, although many transmissions have severe technical problems such as extreme distortion, low modulation or undermodulation and make the effort of broadcasting programmes totally worthless. Relays of the General Programme and Voice of the Arabs have been discontinued on shortwave.

**Equatorial Guinea** Radio Bata is located on mainland Rio Muni and its 50 kW shortwave transmitter is on air between 0500v-2300v on 5005 kHz, although is irregularly heard.

**NEW!** Radio Malabo is the sister station of Radio Bata and is located on Bioko Island. A new 20 kW transmitter and antenna was reportedly 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 BDXC member Jordan Heyburn posted a tip via the WRTH Facebook page to say that the station had been reactivated on 6250 kHz. Although heard testing for a few days it was reported to be silent again by 30 July (and not seemingly on air as of 4 August).

**Eritrea** Eritrean Radio is only heard irregularly on shortwave, Programme 1 was last observed on 7145v kHz and Programme 2 on 7175v kHz. The latter also carries Ethiopian opposition programmes which results in heavy jamming from Ethiopia at these times and the Eritrean Radio frequency switches to an adjacent channel.

There are several target broadcasts to Eritrea, both from neighbouring Ethiopia and hired high-power transmitters in Europe, see the various schedules under the Eritrea heading.

**Ethiopia** Radio Ethiopia's external service operates on 7236.8v kHz, although the programmes in English and French appear to have been discontinued now leaving the regional languages of Somali, Afar, and Arabic around 1200-1700. Eritrean opposition programmes are also aired over Radio Ethiopia at 0400-0500, 1500-1600 and 1800-1830, although not daily.

Fana Broadcasting Corporation from Addis Ababa on 6110 kHz is widely heard and is scheduled 0300-2100.

Also well heard are the regional stations of Voice of the Tigray Revolution on 5950 kHz, Radio Oromiya on 6030 kHz, and Amhara Radio on 6090 kHz, all scheduled 0300-2000/2100 with breaks throughout the day.

Like Eritrea, there are a number of target broadcasts to Ethiopia, mainly from Ethiopian opposition groups. Reception in the Horn of Africa is often blocked by the Ethiopian authorities with white noise digital jamming.

**Guinea** Radio Guinée is heard on 9650 kHz between 0600-0000, having been more or less continuously on air since being reactivated in early August 2016.

**Liberia** Radio ELWA is active on 6050 kHz with religious programmes for Liberia and neighbouring countries, scheduled between 0530-1000 and 1700-0000(2230sa/su). Their old 60 metre-band frequency of 4760 kHz is no longer heard.

**Madagascar** Radio Madagasikara still appears to be on air according to various reports, although the frequency usage has reduced to 5010 kHz at 0300-0500 and 1500-1900(2200sa/su) and 6135 kHz at 0500-1500.

The Madagascar Global Relay Station, previously owned and operated by Radio Netherlands, continues to relay several international and religious broadcasting stations with a schedule between 0200-2100.

World Christian Broadcasting is on air between 0200-0500 and 1800-2300 with programmes in English, Spanish, Chinese, Russian and Arabic to various parts of the world.

**Mali** Radio Mali was reported with improved modulation in late July 2017, seemingly indicating that some repairs may have been carried out with their last remaining shortwave transmitter. It is scheduled 0555-0800 on 5995 kHz, 0800-1800 on 9635 kHz, and 1800-0000 back on 5995 kHz.

China Radio International's Bamako Relay is reported off-air at the moment, although this is likely just to be a temporary situation.

Voice of America's "Mali Kura" programme to Mali continues to be aired Monday-Friday 2130-2200 on 9490, 11900, 13670 and 15120 kHz.

**Morocco** It was reported in July 2017 that a spokesman at the Nador transmitter site had confirmed that Medi 1 has terminated shortwave transmissions, bringing to an end HF broadcasting from Morocco.

**Nigeria** Voice of Nigeria is only heard on 7255 kHz (and irregularly on 15120 kHz for DRM to Europe). It is scheduled daily at 0600-0900 in Hausa, French, Fulfulde, and English, and 1800-2100 in English, Fulfulde, and Hausa. The DRM transmission in English is heard 1800-1930 on 15120 kHz.

Radio Nigeria Kaduna is heard on 6090v kHz between 0400-2305 in Hausa. This is Nigeria's last remaining domestic radio station on shortwave.

At present there is just one target broadcast to Nigeria, Dandal Kura is scheduled 0500-0600 on 5960 kHz, 0600-0700 on 7415 kHz, 0700-0800 on 13810 kHz, and 1800-2100 on 12050 kHz, all programmes in Kanuri.

**Rwanda** Radio Itahuka is an opposition target station of the Rwanda National Congress and has a weekly broadcast in Kinyarwanda on Saturdays at 1800-1900 on 15420 kHz via Talata-Volonondry, Madagascar.

**Sao Tome** The IBB Transmitting Station broadcasts mainly Voice of America programmes to Africa.

**Somalia** Somalia's domestic shortwave scene consists of two irregularly heard stations, Warsan Radio in Baydhabo, South West State, on 7750 kHz usb, and Radio Puntland in Garowe on 6160 / 13800 kHz.

There is a target broadcast to Somalia from Radio Ergo at 1200-1300 on 17845 kHz via Dhabbaya, UAE.

**Somaliland** Radio Harigeisa is well heard on 7120 kHz, signing off at 1900.

**South Africa** Radio Sonder Grense, an Afrikaans language service of the SABC, broadcasts 24 hours a day for listeners in the Northern Cape: 0600-0700 on 7285 kHz, 0700-1500 on 9650 kHz, 1500-1700 on 7285 kHz, and 1700-0600 on 3320 kHz,

Channel Africa, the international radio service of SABC, is on air Monday-Friday between 0300-1800, which includes English at 0300-0400 on 5980 kHz, 0300-0500 on 3345 kHz, 0500-0900 on 7230 kHz, 0600-0700 on 15255 kHz, 0900-1200 on 9625 kHz, 1500-1600 on 9625 kHz, and 1700-1800 on 15235 kHz.

The South African Radio League has its weekly "Amateur Radio Today" aired over shortwave transmitters at Meyerton at 0800-0900 Sunday on 7205 & 17660 kHz, repeated at 1630-1730 Monday on 3230 kHz.

The Meyerton Transmitting Station, operated by Sentech, continues to relay several international broadcasting stations between 0400-2000 daily, with the BBC being the main user with English and other languages to Africa.

South Sudan Eye Radio has target broadcasts to South Sudan on shortwave at 0400-0500 on 11730 kHz and 1300-1830 on 17730 kHz, relayed via Issoudun, France.

VOA's "South Sudan in Focus" is aired Monday-Friday at 1630-1700 on 11985, 13750, and 15180 kHz.

Sudan Sudan Radio, the domestic service in Arabic, is on 7205 kHz, observed around 0215-0600v, 1300-1600v, and 1930-2100v, although at times it has been on 9505 kHz, the frequency usually used by the Voice of Africa external service (see below).

Voice of Africa is the external service of Sudan Radio, with programmes in French, English and Hausa around 1600-1930 on 9505 kHz. Transmissions that had previously been aired in the morning have not been confirmed recently.

Radio Afia Darfur is a target broadcast to Sudan, 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 has three broadcasts in Sudanese Arabic at 0300-0330 on 5925, 7235, and 9815 kHz, 1800-1830 on 9650, 11615, and 15620 kHz, and 1900-1930 on 9470, 9775, and 11615 kHz.

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. It has two target broadcasts in Sudanese Arabic and other Sudanese languages at 0330-0430 on 9600 and 11650 kHz, and 1500-1530 on 15150 and 15550 kHz.

Radio Dabanga is part of the Radio Darfur Network, an initiative of Darfur Journalists to provide independent news. It has two target broadcasts that follow on from Radio Tamazuj, at 0430-0530 on 9600, 11650, and 13800 kHz, and 1530-1630 on 15150 and 15550 kHz.

Swaziland TWR Swaziland still has an extensive schedule on shortwave with religious programmes in various African languages. English is broadcast at 0430-0600 on 3200 and 4775 kHz, 0600-0700 on 4775 and 6120 kHz, 1420-1455 on 6025 kHz, 1525-1555sa/su on 6025 kHz, 1802-1902 (differnet languages on certain days) on 9500 kHz.

Uganda Dunamis Shortwave in Mukono, northern Uganda, is irregularly heard on 4750 kHz, usually scheduled 1500v-1900v in English and local languages for Uganda and Southern Sudan.

Zambia ZNBC in Lusaka is usually on 5915 kHz between 0245-2205, mainly in national languages but with English at 0500-0515, 1115-1140, and 1800-1810. However, as of late July 2017 the transmitter has been off-air due to technical or power supply problems.

Voice of Hope - Africa purchased the former Christian Vision facilities in Zambia in late 2014 and now operates the following schedule on shortwave: 0500-0800 Monday-Friday on 9860 & 11680 kHz, 1200-1700 Saturday/Sunday on 9680 & 13680 kHz (extended to 1730 on 9680 kHz on Sundays), and 1600-1900 Monday-Friday on 4965 & 6065 kHz.

Zanzibar Zanzibar Broadcasting Corporation has two shortwave transmissions daily, at 0300-0600 on 6015 kHz for East Africa, and 1500-2100 on 11735 kHz for the Arabian Peninsula. English news from Spice FM is heard irregularly at 1800.

Zimbabwe VOA's Studio 7 programme is broadcast during daily between 1700-1800 in Shona and Ndebele on 4930, 6040, and 15460 kHz, whilst a "Live Call" phone in programme is aired on weekdays at 1800-1900 on the same frequencies.

Further details of all of the stations mentioned above can be found under each country in this guide.



# 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, 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	5	24h in Arabic, including relays of Chaîne 1
783	Radio Illizi	Djanet, Illizi	5	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
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 consist of relays via TDF Issoudun in France of Radio Algérienne Chaîne 1 or the Holy Qur'an programme, with short news bulletins in French, for listeners in North Africa and the Sahel.

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

Times/UTC	Days	Language	Service	News in French	Target	kHz
0400-0600	Daily	Arabic	Holy Qur'an		North Africa/Sahel	7295
0500-0600	Daily	Arabic/French	Chaîne 1	0500-0513	North Africa/Sahel	9535
0600-0700	Daily	Arabic/French	Holy Qur'an	0600-0613	North Africa/Sahel	9535
1800-1900	Daily	Arabic	Holy Qur'an		North Africa/Sahel	13820
1900-2000	Daily	Arabic	Holy Qur'an		North Africa/Sahel	12060
1900-2000	Daily	Arabic/French	Chaîne 1	1900-1913	North Africa/Sahel	13820
2000-2100	Daily	Arabic	Holy Qur'an		North Africa/Sahel	9655
2000-2100	Daily	Arabic/French	Chaîne 1	2000-2013	North Africa/Sahel	12060
2100-2200	Daily	Arabic	Holy Qur'an		North Africa/Sahel	9655
2100-2200	Daily	Arabic/French	Chaîne 1		North Africa/Sahel	7495
2200-2300	Daily	Arabic/French	Holy Qur'an	2200-2213	North Africa/Sahel	7495

### 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 later in 2017. The following frequencies have been registered for A-17:

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

Times/UTC	Target	kHz	Times/UTC	Target	kHz
0200-0400	North Africa/Sahel	7250-org 9850-bec	1800-1900	North Africa/Sahel	15120-bec 15235-org
0400-0600	North Africa/Sahel	5995-org 9565-bec	1900-2200	North Africa/Sahel	13750-bec 13790-org
0600-0700	North Africa/Sahel	9600-org 11760-bec	2200-2300	North Africa/Sahel	9675-org 13750-bec
0700-0900	North Africa/Sahel	15185-bec 15225-org	2300-0200	North Africa/Sahel	9895-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.

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

### Radio N'gola Yetu

Radio N'gola Yetu broadcasts between 0000-2000 in 14 national languages: Bângala, Nyaneka, Lunda, Songo, Luvale, Ngangela, Helelo, Fiote, Ngoya, Umbundu, Cokwe, Kimbundu, Kikongo, and Kwanyama. It shares a mediumwave frequency with RNA's International Service (see below).

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

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

### RNA International Service

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

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

Times/UTC	Days	Language	Target	kHz
2000-2100	Mon-Sat	Lingala	Domestic/neighbouring countries	945
2100-2200	Mon-Sat	French	Domestic/neighbouring countries	945
2200-2300	Mon-Sat	English	Domestic/neighbouring countries	945
2300-0000	Mon-Sat	Portuguese	Domestic/neighbouring countries	945
2100-2200	Sun	Lingala	Domestic/neighbouring countries	945
2200-2300	Sun	French	Domestic/neighbouring countries	945
2300-0000	Sun	English	Domestic/neighbouring countries	945
0000-0100	Mon	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. It broadcasts in Portuguese and local languages between 0400-2300 and has the main news programme Luanda at 1200 and 1900, with Canal A relayed overnight as a sustaining service. It is thought that all other provincial stations are now on FM only.

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

Times/UTC	Days	Language	Target	kHz
0400-2300	Daily	Portuguese/local languages	Domestic	1290
2300-0400	Daily	Relay Canal A in Portuguese	Domestic	1290

### Target broadcasts to Angola

### Voice of America - Angola, Fala 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; SMG Vatican - 250 kW.

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



## Ascension Island

### BBC Atlantic Relay Station

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

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

Times/UTC	Days	Station	Language	Target	kHz
0430-0500	Daily	BBC	French	West & Central Africa	6135 7305
0500-0530	Daily	Voice of America	Hausa	West Africa	6035
0500-0600	Daily	BBC	English	West & Central Africa	5875 5925 6005
0500-0600	Daily	Dandal Kura	Kanuri	West Africa	5960
0529-0600	Daily	BBC	Hausa	West Africa	6135 7305
0600-0629	Daily	BBC	French	West & Central Africa	5875 7305
0600-0700	Daily	BBC	English	West & Central Africa	6005 7345 9915
0600-0700	Daily	Dandal Kura	Kanuri	West Africa	7415
0629-0700	Daily	BBC	Hausa	West Africa	5875 7305
0700-0729	Daily	BBC	French	West Africa	9440
0700-0800	Daily	BBC	English	West & Central Africa	9915 11770 12095
1100-1600	Sat	BBC	Hausa	West Africa	17780
1200-1230	Daily	BBC	French	West & Central Africa	17640
1300-1400	Daily	Deutsche Welle	Hausa	West Africa	17800 21780
1400-1430	Mon-Fri	BBC	Hausa	West Africa	17780
1600-1700	Daily	BBC	English	West & Central Africa	17640 17830
1600-1700	Daily	Deutsche Welle	English	Africa	21780
1700-1800	Daily	BBC	English	West & Central Africa	15400 17780 17830
1800-1830	Daily	BBC	French	West & Central Africa	11995 15490
1800-1900	Daily	BBC	English	West & Central Africa	11810 13660 15400
1800-2100	Daily	Dandal Kura	Kanuri	West Africa	12050
1900-1930	Sun	Follow the Bible	English	West Africa	12005 12030
1900-2000	Daily	BBC	English	West & Central Africa	11810 15400 17745
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	9490
2145-2215	Mo/Th/Sa	R Akhbar Mufriha	Hassinya	West Africa	9530
2145-2215	Tue/Fri/Su	R Akhbar Mufriha	Pulaar	West Africa	9530

## Benin

### Office de Radiodiffusion et Télévision du Bénin

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. According to Dr Hansjoerg Biener on 26 September 2016 via DX Listening Digest, Trans World Radio plans to apply for a second licence for mediumwave broadcasts from its present site at Parakou with 200 kW.

**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
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, Kgalagadi District	50	24h in Setswana and English

### IBB Botswana Transmitting Station

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

**Transmitter site:** Selebi-Phikwe, Moepeng Hill - mediumwave 600 kW (on 909 kHz); shortwave 4 x 100 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Service</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0400	Daily	VOA	English	Africa	909 4930 6080 15580
0330-0430	Daily	VOA	Rwanda-Rundi	Great Lakes Region	9815
0430-0530	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes Region	9815
0400-0600	Daily	VOA	English	Africa	909 4930 15580
0530-0630	Mon-Fri	VOA	French	Africa	13830
0600-0700	Daily	VOA	English	Africa	909 15580
0700-0730	Daily	VOA	Hausa	West Africa	17700
0830-0900	Wed/Sat	VOA	French	West & Central Africa	13830 15130
1030-1100	Daily	VOA	Somali	Horn of Africa	11750
1100-1130	Sat	VOA	French	West/Central Africa	17850
1300-1400	Daily	VOA	Somali	Horn of Africa	15620
1400-1500	Daily	VOA	English	Africa	4930 6080 15580
1400-1500	Daily	VOA	Kurdish	Middle East	15600
1400-1500	Daily	VOA	English	Africa	4930 6080 15580
1500-1600	Daily	VOA	English	Africa	4930 6080 15580 17530
1600-1630	Daily	VOA	Rwanda-Rundi	Great Lakes Region	13630
1600-1700	Daily	VOA	Somali	Horn of Africa	15620
1630-1700	Mon-Fri	VOA	Amharic	Horn of Africa	12110 15580
1600-1700	Daily	VOA	English	Africa	909 4930
1630-1700	Sat/Sun	VOA	English	Africa	6080 15580
1700-1730	Daily	VOA St 7	Shona	Zimbabwe	909 4930 6040
1700-1800	Daily	VOA	English	Africa	15580
1700-1800	Daily	VOA	Portuguese	Southern Africa	13630
1730-1800	Sat/Sun	VOA St 7	Ndebele	Zimbabwe	909 4930 6040
1800-1830	Mon-Fri	VOA	Portuguese	Southern Africa	13630
1800-1900	Mon-Fri	VOA St 7	Live Call	Africa	909 4930 6040 15580
1800-1900	Sat/Sun	VOA	English	Africa	909 4930 6040 15580
1900-1930	Daily	VOA	English	Africa	909 4930 6040 15580
1900-1930	Mon-Fri	VOA	Tigrinya	Horn of Africa	12110
1930-2000	Daily	VOA	Learning English	Africa	909 4930 6040 15580
1930-2000	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes Region	11780
2000-2030	Daily	VOA	French	Central/West Africa	5970
2000-2100	Daily	VOA	English	Africa	909 4930 6195 15580
2030-2100	Mon-Sat	VOA	Hausa	West Africa	11955
2100-2130	Mon-Fri	VOA	French	Central/West Africa	5980
2100-2200	Daily	VOA	English	Africa	6195 15580

## 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

### Radio Publique Africaine

RPA is an FM station in Burundi that has been on-air since 2001 but was closed by the government in May 2015. In June 2016 it commenced a one hour daily shortwave target broadcast to Burundi.

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

Times/UTC	Days	Language	Target	kHz
1800-1900	Daily	Kirundi/Swahili/French	Great Lakes	15480

### 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; Meyerton, South Africa - 100 kW; Umm al-Rimam, Kuwait - 250 kW; Santa Maria di Galeria, Vatican - 250 kW; Dhabayya, UAE - 250 kW.

Times/UTC	Days	Language	Target	kHz
0330-0430	Daily	Kirundi	Great Lakes	7325-sao 9685-sao 9815-bot
0430-0505	Mon-Fri	Kirundi	Great Lakes	7325-sao 9815-bot 11995-sao
0505-0530	Mon-Fri	English	Great Lakes	7325-sao 9815-bot 11995-sao
1400-1500	Sat/Sun	Kirundi	Great Lakes	15460-mey 15675-sao 17530-sao
1600-1630	Daily	Kirundi	Great Lakes	11780-mey(sat) 13630-bot 15180-sao(sat/sun) 15460-sao 17530-sao
1830-1900	Mon-Fri	Kirundi	Great Lakes	11780-smg 13630-dha
1930-2000	Mon-Fri	Kirundi	Great Lakes	6040-sao 9470-sao 11780-bot

## Cameroon

### Cameroon Radio and Television

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

## Canary Islands

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

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

kHz	Station	Location	kW	Schedule
576	RNE Radio Nacional	Las Palmas, Gran Canaria	20	24h in Spanish
621	RNE Radio Nacional	Las Mesas, Tenerife	300	24h in Spanish
720	RNE Radio 5	Santa Cruz de Tenerife	10	24h in Spanish
747	RNE Radio 5	Mesas de Galaz, Las Palmas	25	24h in Spanish
837	COPE Las Palmas	Tafira, Las Palmas	10	24h in Spanish
882	COPE Tenerife	La Laguna, Santa Cruz de Tenerife	20	24h in Spanish
1008	esRadio Arucas	Las Palmas, Gran Canaria	10	24h in Spanish
1179	SER, Radio Club Tenerife	Santa Cruz de Tenerife	25	24h in Spanish

## 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 reactivated in March 2016, prior to presidential elections in Chad, and has been reported very irregularly since then.

**Transmitter site:** N'djamena-Gredia - listed as 100 kW but probably operating at much lower

Times/UTC	Days	Languages	Target	kHz
irregular	irregular	French/Arabic/local languages	Domestic	6165

## Comoros

### Radio Comores

Radio Comores is the national service of the Comoros 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.

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

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

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

#### **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.	Aswan	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
702	El Wady El Gadid R.	El Kharga	10	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	Cairo	50	1500-2000 in Arabic
936	General Prgr	Sallum	10	24h in Arabic
981	North Upper Egypt R.	Asyut	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
981	General Prgr	Abu Simbel	1	24h in Arabic
981	General Prgr	Baris	1	0300-0000 in Arabic
1008	Palestine/Tourist Prgrs	El Arish	100	0600-1500 in Arabic, 1500-1600 in Russian, 1600-1640 in English, 1640-1700 in French, 1700-2200 in Hebrew
1008	North Upper Egypt R.	Faiyum	10	0400-2000 in Arabic
1008	General Prgr	Farafra	1	24h in Arabic

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1071	Adults Prgr	Cairo	100	0300-1500 in Arabic
1080	General Prgr	El Minya	100	0300-0000 in Arabic
1080	General Prgr	Luxor	10	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	Hurghada	10	0300-0000 in Arabic
1314	General Prgr	Nag Hamadi	1	0300-0000 in Arabic
1314	South Upper Egypt R.	Abu Simbel	1	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1341	Songs/Cultural Prgr	Cairo	100	0500-1700 Songs Prgr, 1700-0100 Cultural Prgr
1341	HQ/Y&S/Educ. Prgrs	Bawiti	10	0200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
1341	General Prgr	Siwa	10	24h in Arabic
1341	General Prgr	Idfu	10	0300-0000 in Arabic
1350	General Prgr	Qusayr	10	0300-0000 in Arabic
1368	General Prgr	El Kharga	10	0300-0000 in Arabic
1368	HQ/Y&S/Educ. Prgrs	El Farafra	10	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.	Luxor	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1386	General Prgr	Baranis	1	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
1422	Matruh R.	Salum	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1476	North Upper Egypt R.	El Minya	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1503	North Sinai R.	El Arish	25	0400-2300 in Arabic; also broadcasts Matruh R.
1575	HQ/Y&S/Educ. Prgrs	Al-Qusayr	10	200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
1584	South Upper Egypt R.	Idfu	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1584	El Wady El Gadid R.	Baris	1	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.	Nag Hamadi	10	0200-2200 in Arabic, also relay Holy Qur'an Prgr
1602	Matruh R.	Siwa	10	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	15530-abs
1300-1400	Daily	Dari	West Asia	15630-abs
1300-1600	Daily	Arabic	West Africa	15535-abs
1330-1530	Daily	Persian	West Asia	13580-abs
1400-1600	Daily	Pashto	West Asia	15800-abs
1500-1600	Daily	Albanian	South-East Europe	9830-abs
1500-1600	Daily	Uzbek	Central Asia	13770-abs
1600-1700	Daily	Afar	East Africa	15450-abz
1600-1800	Daily	English	Central & Southern Africa	11800-abs
1600-1800	Daily	Urdu	West Asia	13820-abs
1600-1800	Daily	Swahili	East Africa	15530-abs
1700-1730	Daily	Somali	East Africa	15285-abz
1700-1900	Daily	Turkish	South-East Europe	9800-abs
1730-1900	Daily	Amharic	East Africa	15285-abz
1800-1900	Daily	Italian	Southern Europe	9490-abs
1800-2100	Daily	Hausa	West Africa	9325-abs
1845-2000	Daily	Fulfulde	West Africa	15710-abs
1900-2030	Daily	English	West Africa	15290-abz
1900-2000	Daily	German	Central Europe	9570-abs
1900-2000	Daily	Russian	Russia	9685-abs
2000-2115	Daily	French	Western Europe	9895-abs
2100-2300	Daily	French	West & Central Africa	13580-abs
2115-2245	Daily	English	Western Europe	9800-abs
2215-2330	Daily	Portuguese	South America	12005-abs
2330-0045	Daily	Arabic	South America	12005-abs
0045-0200	Daily	Spanish	The Americas	12005-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. It operates on FM only, although there is a 50 kW shortwave transmitter at Bata that operates irregularly.

### 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 then reported silent again by 30 July (and not seemingly on air as of the morning of 2 August).

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

Times/UTC	Languages	Target	kHz
0500v-2300v	Spanish/Bubi/Fang	Domestic	6250

**Note:** schedule subject to confirmation.

# 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. The main services are:

Eritrean Radio - Programme 1: broadcasts in Tigrinya, Tigre and Kunama.

Eritrean Radio - Programme 2: broadcasts in Arabic, Afar, Amharic, Oromo, Saho, Bilen, Hedareb, Nara, and Somali.

Shortwave transmissions are irregular. Shortwave frequency may change to adjacent channel to avoid jamming.

### 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 7145v
1300-1830v	Daily	Tigrinya/Tigre/Kunama	Domestic	950 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	845 7175v
1430-1830v	Daily	Arabic/Afar/Amharic/Oromo/Saho/Bilen/Hedareb/Nara/Somali	Domestic	845 7175v

## Target Broadcasts to Eritrea

### 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

### Voice of Eritrea

Broadcasts in support of the opposition Eritrean People's Democratic Party.

**Transmitter site:** via Radio Ethiopia External Service - Gedja - 100 kW

Times/UTC	Days	Language	Target	kHz
0400-0435	Tue/Thu/Sat	Tigrinya	Horn of Africa	7236.8v
1800-1835	Tue/Thu/Sat	Tigrinya	Horn of Africa	7236.8v

### Voice of Peace and Democracy of Eritrea

Broadcasts in support the Ethiopian-backed National Alliance of Eritrean Forces.

**Transmitter site:** via Radio Ethiopia External Service - Gedja - 100 kW

Times/UTC	Days	Language	Target	kHz
0400-0435	Mon/Wed/Fri	Tigrinya	Horn of Africa	7236.8v
1800-1835	Mon/Wed/Fri	Tigrinya	Horn of Africa	7236.8v

### Voice of the Democratic Alliance

Broadcasts in support of the opposition Eritrean Democratic Alliance.

**Transmitter site:** via Radio Ethiopia External Service - Gedja - 100 kW

Times/UTC	Days	Language	Target	kHz
1500-1530	Mon/Wed/Fri/Sun	Arabic	Horn of Africa	7236.8v
1500-1530	Tue/Thu/Sat	Tigrinya	Horn of Africa	7236.8v
1530-1600	Mon/Wed/Fri	Kunama	Horn of Africa	7236.8v
1530-1600	Tue/Thu/Sat	Afar	Horn of Africa	7236.8v
1530-1600	Sun	Tigrinya	Horn of Africa	7236.8v

### Radio Al-Mukhtar

Radio Al-Mukhtar broadcasts in support of an Eritrean opposition group.

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

Times/UTC	Days	Language	Target	kHz
1500-1530	Tue	Arabic	Horn of Africa	15205
1530-1600	Tue	Tigrinya	Horn of Africa	15205

### Radio Adal

Radio Adal broadcasts in support of an Eritrean opposition group. It was first aired on 13 July 2016. The Sultanate of Adal was a medieval state located in the area of present-day Eritrea.

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

Times/UTC	Days	Language	Target	kHz
1500-1530	Wed/Sat	Arabic	Horn of Africa	15205
1530-1600	Wed/Sat	Tigrinya	Horn of Africa	15205

**Note:** Radio Adal's Wednesday transmissions may have been cancelled. Ivo Ivanov last heard them on 21 June 2017.

### Radio Erena - Radio Eritrea International

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

**Transmitter site:** Kostinbrod, Bulgaria - 50 kW

Times/UTC	Days	Language	Target	kHz
1700-1730	Daily	Tigrinya	Horn of Africa	11885
1730-1800	Daily	Arabic	Horn of Africa	11885

## Ethiopia

### Ethiopian Broadcasting Corporation

EBC is the state broadcasting service in Ethiopia. It operates a national service on FM and mediumwave, and several regional stations on mediumwave, shortwave and FM. EBC national and external services identify as Radio Ethiopia.

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

kHz	Station	Location	kW	Schedule
684	Radio Ethiopia National Sce	Metu, Oromiya	100	0300-2100
801	Amhara State Regional Radio	Bahir Dar, Amhara	100	0300-0600, 0900-1100, 1400-1900
828	Radio Ethiopia National Sce	Arba Minch, SNNPR	100	0300-2100
837	Radio Oromiya	Robe, Oromiya	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
855	Radio Ethiopia National Sce	Harar, Harari	100	0300-2100
873	Radio Ethiopia National Sce	Addis Ababa	100	0300-2100
891	Radio Ethiopia National Sce	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 Sce	Robe, Oromiya	100	0300-2100
989	Radio Ethiopia External Sce	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 Sce	Mekele, Tigray	100	0300-2100
1053	Radio Oromiya	Nekemte, Oromiya	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
1080	Fana Broadcasting Corp	Addis Ababa	3	0300-1900
1359	Voice of Tigray Revolution	Mekele, Tigraye	100	0300-2000
1485	Radio Ethiopia National Sce	Negele, Oromiya	10	0300-2100



## Ethiopian regional stations currently broadcasting on mediumwave and shortwave

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

Official broadcasting station of the Tigre Region.

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

Times/UTC	Days	Language	Target	kHz
0300-1730	Daily	Tigrigna/Afar	Domestic	1359 5950
1730-2000	Mon-Fri	Tigrigna/Afar	Domestic	1359 5950

### Radio Oromiya

Official broadcasting station of the Oromiya Region.

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

Times/UTC	Days	Language	Target	kHz
0300-0600	Daily	Oromia	Domestic	837 1035 6030
0600-0900	Sat/Sun	Oromia	Domestic	837 1035 6030
0900-1100	Daily	Oromia	Domestic	837 1035 6030
1100-1530	Sat/Sun	Oromia	Domestic	837 1035 6030
1530-2000	Daily	Oromia	Domestic	837 1035 6030

### Amhara Radio

Official broadcasting station of the Amhara Region.

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

Times/UTC	Days	Language	Target	kHz
0300-0600	Daily	Amharic/Awinya/Himintinya/Oromo	Domestic	801 6090
0900-1100	Daily	Amharic/Awinya/Himintinya/Oromo	Domestic	801 6090
1400-2100	Daily	Amharic/Awinya/Himintinya/Oromo	Domestic	801 6090

### Fana Broadcasting Corporation

Radio Fana, now known as the Fana Broadcasting Corporation, was originally described as Ethiopia's first national private broadcasting station when it first went on air in November 1994.

**Transmitter site:** Addis Ababa - MW: 3 kW; SW: 100 kW.

Times/UTC	Days	Language	Target	kHz
0300-2100	Daily	Amharic/Oromo/Somali/Afar	Domestic	1080 6110

## External broadcasts from Ethiopia

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

**Transmitter site:** Addis Ababa (Geja) - MW: 1 kW; SW: 100 kW.

Times/UTC	Days	Service/Language	Target	kHz
0400-0435/0500	Mon/Wed/Fri	Eritrean opposition prgrs	Horn of Africa/Middle East	989 7236.8v
1200-1300	Daily	Somali	Horn of Africa/Middle East	989 7236.8v
1300-1400	Daily	Afar	Horn of Africa/Middle East	989 7236.8v
1400-1500	Daily	Arabic	Horn of Africa/Middle East	989 7236.8v
1500-1600	Daily	Eritrean opposition prgrs	Horn of Africa/Middle East	989 7236.8v
1600-1800	Daily	unconfirmed	Horn of Africa/Middle East	989 7236.8v
1800-1830	Mon-Sat	Eritrean opposition prgrs	Horn of Africa/Middle East	989 7236.8v

**Note:** schedule subject to confirmation, including the use of mediumwave 989 kHz. The broadcasts in English at 1600-1700 and French at 1700-1800 are no longer heard and appear to have been replaced by regional languages or Eritrean opposition programmes.

### 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

## Target Broadcasts to Ethiopia

Target broadcasts on shortwave may be blocked by the Ethiopian government with very strong white noise digital jamming.

### Raadiyoo Warra Wangeelaa

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

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

### Radio Xoriyo (Radio Freedom)

Broadcasts in support of the Ogaden National Liberation Front.

**Transmitter site:** Issoundun, France - 500 kW.

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

### Sagalee Qeerroo Bilisummaa

New target broadcast to Ethiopia from October 2016. Brokered by Alyx & Yeyi.

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

Times/UTC	Days	Language	Target	kHz
1630-1700	Tue/Thu/Fri	Oromo	Horn of Africa	17840

### Voice of Oromo Liberation (SBO)

Broadcasts in support of the Oromo Liberation Front.

**Transmitter site:** Nauen, Germany - 100 kW.

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

### Voice of America

Voice of America broadcasts to Ethiopia are sometimes jammed by the Ethiopian government by using dedicated jamming transmitters, reportedly obtained from China, and by switching some of the Ethiopian regional shortwave transmitters at Geja for jamming purposes.

**Transmitter sites:** MW: Djibouti - 600 kW; SW: Selebi-Phikwe, Botswana - 100 kW; Dhabbaya, UAE - 250 kW;

Umm al-Rimam, 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
1630-1700	Mon-Fri	Amharic	Horn of Africa	15580-bot 12110-bot
1730-1800	Mon-Fri	Oromo	Horn of Africa	12110-lam 12130-udo 12140-mey 13860-udo 15180-sao 15630-wof 15700-lam 15785-sao
1800-1900	Daily	Amharic	Horn of Africa	11720-lam 12110-kwt 12130-udo 12140-udo 13860-wof 15180-udo 15630-wof 15700-lam 15785-wof
1900-1930	Mon-Fri	Tigrinya	Horn of Africa	11720-lam 12110-bot 12130-udo 12140-udo 13860-dha 15180-udo 15630-wof 15700-lam 15785-dha

## 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.

Times/UTC	Days	Service	Language	Target	kHz
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, amongst 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 back on shortwave regularly.

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

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

## Guinea-Bissau

### Radiodifusão 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

### Radiodiffusion-Télévision Ivoirienne

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

## Kenya

### Kenya Broadcasting Corporation

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 services currently operating on mediumwave are:

Radio Taifa: Main Swahili service, with a relay of China Radio International at 1905-2000

English Service: Main English service, with a relay of China Radio International at 1700-1800

Western Service: regional service with programmes from the Kisumu studios.

North-Eastern Service: regional service that shares time with the English service on two mediumwave frequencies.

Iftiin FM: recently inaugurated service in Somali reportedly using 639 and 1305 kHz.

Mwatu FM/Nosim FM: FM services in Mwatu and Masai languages also aired on 747 kHz mediumwave.

#### Mediumwave transmitters:

kHz	Station	Location	kW	Schedule
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	Prgs in Somali
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	Prgs 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.

Times/UTC	Days	Language	Target	kHz
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

The **BBC World Service relay station** in Lesotho was opened in 1979 with two 100 kW shortwave transmitters. It closed on 30th September 1996, with shortwave relays switching to Meyerton in South Africa.

## 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. However stations on mediumwave and FM include many representing factions opposed to the provisional government.

**Mediumwave transmitters:**

<b>kHz</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
677.5	Voice of Homeland	Benghazi, Cyrenaica	100	Arabic; likely to be on lower power than listed
1053	Voice of Homeland	Tripoli, Greater Tripoli	100	Arabic; likely to be on lower power than listed

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 is now inactive.

## Madagascar

### Radio Madagasikara - Radio Nacional Malagasy

RNM the state-run broadcasting service in Madagascar.

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

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

**Note:** latest schedule subject to confirmation.

### Madagascar Global Relay Station

The relay station at Talata-Volondry 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.

<b>Times/UTC</b>	<b>Days</b>	<b>Station</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0200-0215	Tue/Fri	Bible Voice	English	South Asia	11945
0200-0230	Thu/Sat	Bible Voice	English	South Asia	11945
0200-0300	Sun	Bible Voice	English	South Asia	11945
0300-0400	Daily	AWR	Malagasy	Madagascar	6065
0315-0400	Daily	NHK R Japan	Swahili	East Africa	9560

Times/UTC	Days	Station	Language	Target	kHz
0330-0430	Daily	R Tamazuj	Sudanese languages	Sudan	11650
0400-0415	Daily	Vatican R	Amharic	Horn of Africa	9660
0400-0430	Daily	BBC	Somali	Horn of Africa	11995
0415-0430	Daily	Vatican R	Tigrinya	Horn of Africa	9660
0430-0500	Daily	Vatican R	French	Central Africa	9660
0430-0530	Daily	R Dabanga	Sudanese Arabic	Darfur/Sudan	13800
0500-0530	Daily	Vatican R	English	Central Africa	9660
0500-0800	Daily	BBC	English	East Africa	15420
0530-0600	Daily	Vatican R	Portuguese	Southern Africa	11625
0530-0600	Daily	NHK R Japan	French	Central Africa	13840
1000-1100	Daily	Deutsche Welle	Swahili	East Africa	15275
1115-1130	Sun	Bible Voice	English	East Asia	21480
1130-1145	Sun	Bible Voice	Japanese	East Asia	21480
1200-1230	Sun	Bible Voice	English	East Asia	21480
1200-1300	Sat	Bible Voice	English	East Asia	21480
1200-1300	Daily	R France Int	French	Central Africa	17660
1300-1400	Daily	Vatican R	Vietnamese	South-East Asia	17605
1400-1500	Daily	AWR	Malagasy	Madagascar	6055
1400-1500	Daily	BBC	Somali	Horn of Africa	12095
1430-1500	Daily	NHK R Japan	Hindi	South Asia	15745
1500-1530	Daily	R Tamazuj	Sudanese languages	Sudan	15150
1500-1600	Daily	BBC	English	East Africa	15490
1530-1600	Daily	AWR	Malayalam	South Asia	17605
1530-1630	Daily	R Dabanga	Sudanese Arabic	Darfur/Sudan	15150
1600-1615	Sat	Vatican R	Swahili	East Africa	9660
1600-1630	Sun-Fri	Vatican R	Swahili	East Africa	9660
1600-2000	Daily	BBC	English	East Africa	7445
1615-1630	Sat	Vatican R	Somali	Horn of Africa	9660
1630-1645	Daily	Vatican R	Amharic	Horn of Africa	9660
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	Great Lakes	9720
1645-1700	Wed-Sun	Vatican R	Tigrinya	Horn of Africa	9660
1700-1728	Daily	AWR	Swahili	East Africa	11790
1700-1730	Daily	Vatican R	French	Central Africa	9660
1729-1800	Daily	NHK R Japan	Swahili	East Africa	13730
1730-1800	Daily	Vatican R	English	Central Africa	9660
1800-1900	Sat	R Itahuka	Kinyarwanda	Great Lakes	15420
1900-2000	Daily	AWR	Arabic	N Africa/M East	15480
2030-2100	Daily	NHK R Japan	French	Central/West Africa	11985

### **World Christian Broadcasting - Madagascar World Voice**

World Christian Broadcasting is a non-profit Christian organization that operates international shortwave radio stations KNLS Alaska and Madagascar World Voice. MWV was officially launched on 27 March 2016.

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

Times/UTC	Days	Language	Target	kHz	Transmitter	Programme (subject to confirmation)
0200-0300	Daily	Spanish	South America	6190	Madagascar 1	La Voz Alegre
0200-0300	Daily	English	South Asia	9600	Madagascar 2	Your New Life Station
0300-0400	Daily	Spanish	South America	6190	Madagascar 1	La Voz Alegre
0300-0400	Daily	English	South Asia	15515	Madagascar 2	Your New Life Station
0400-0500	Daily	English	Central Africa	11825	Madagascar 1	African Pathways Radio
0400-0500	Daily	Chinese	East Asia	17530	Madagascar 2	The Light of Life
1800-1900	Daily	Russian	Eastern Europe	9570	Madagascar 1	Your New Life Station
1800-1900	Daily	English	West Africa	17640	Madagascar 2	African Pathways Radio
1900-2000	Daily	Russian	Eastern Russia	9820	Madagascar 2	Your New Life Station
1900-2000	Daily	Arabic	North Africa	11945	Madagascar 1	Radio Feda
2000-2100	Daily	Arabic	North Africa	13710	Madagascar 1	Radio Feda
2000-2100	Daily	English	Central Africa	17640	Madagascar 2	African Pathways Radio
2100-2200	Daily	Chinese	Western Europe	11610	Madagascar 1	The Light of Life
2200-2300	Daily	Chinese	East Asia	9490	Madagascar 2	The Light of Life
2200-2300	Daily	Arabic	North Africa	11790	Madagascar 1	Radio Feda

**Note:** not all transmissions may be active at the current time.

## Malawi

### Malawi Broadcasting Corporation

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

#### Mediumwave transmitters:

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 appears 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; Greenville NC, USA - 250 kW; SMG, Vatican - 250 kW.

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

## Mauritania

### Radio Mauritanie

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

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

in October 2012.

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

### 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 Zambezia	Quelimane	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1206	Emissão Provincial de Inhambane	Inhambane	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1224	Emissão Provincial de Cabo Delgado	Pemba	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1260	Emissão Provincial do Niassa	Lichinga	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.

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. 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 broadcasting on mediumwave and shortwave in Nigeria

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

### Voice of Nigeria (International Service)

Voice of Nigeria is the official international broadcasting station of Nigeria.

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

Times/UTC	Days	Language	Target	kHz
0600-0700	Daily	Hausa	West Africa	7255
0700-0730	Daily	French	West Africa	7255
0730-0800	Daily	Fulfulde	West Africa	7255
0800-0900	Daily	English	West Africa	7255
1800-1930	Daily	English	West Africa	7255 (and irregularly on 15120-DRM to Europe)
1930-2000	Daily	Fulfulde	West Africa	7255
2000-2100	Daily	Hausa	West Africa	7255

## Target Broadcasts to Nigeria

### Dandal Kura

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 financed by USAID, the US overseas development agency. It was first heard in 2015.

**Transmitter site:** Ascension Island - 250 kW; Woofferton, UK - 300 kW.

Times/UTC	Days	Language	Target	kHz
0500-0600	Daily	Kanuri	West Africa	5960-asc
0600-0700	Daily	Kanuri	West Africa	7415-asc
0700-0800	Daily	Kanuri	West Africa	13810-wof
1800-2100	Daily	Kanuri	West Africa	12050-asc

## Réunion

### Réunion Première

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

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

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

## Rodrigues

### Mauritius Broadcasting Corporation

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

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

Times/UTC	Days	Language	kHz	Schedule
24 hours	Daily	French/English/Rodriguan Creole	1206	local programme 1400-1415, otherwise relay Kool FM in French during daytime, also 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 is 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.

<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	Darfur/Sudan	7235
0300-0430	Daily	VOA	English	West Africa	1530
0330-0430	Daily	VOA	Rwanda-Rundi	Great Lakes	7325 9685
0400-0500	Daily	VOA	English	West Africa	4960 6080
0430-0530	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes	7325 11995
0500-0530	Daily	VOA	Hausa	West Africa	1530 4960
0500-0600	Daily	VOA	English	Central Africa	6080 17530
0530-0630	Mon-Fri	VOA	French	West Africa	1530 4960 6180 9885
0630-0700	Daily	Deutsche Welle	Hausa	West Africa	9830
0600-0700	Daily	VOA	English	West Africa	1530 6080 17530
0700-0730	Daily	VOA	Hausa	West Africa	4960 12070
0830-0900	Wed/Sat	VOA	French	West 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
1400-1500	Sat/Sun	VOA	Rwanda-Rundi	Great Lakes	15675 17530
1500-1530	Daily	VOA	Hausa	West Africa	11750 13700
1530-1600	Mon-Fri	VOA	Hausa	West Africa	11750 13700
1600-1630	Daily	VOA	English	West Africa	1530 6080
1600-1630	Daily	VOA	Rwanda-Rundi	Great Lakes	15460 17530
1630-1700	Daily	VOA	English	West Africa	1530
1630-1700	Daily	VOA	Swahili	East Africa	15460 17530
1630-1700	Fri	VOA	Portuguese	Southern Africa	13630
1700-1700	Daily	VOA Studio 7	Shona	Zimbabwe	15460
1730-1800	Daily	VOA	English	Africa	6080
1700-1800	Daily	VOA	Portuguese	West Africa	1530
1730-1800	Mon-Fri	VOA	Oromo	Horn of Africa	15180 15785
1730-1800	Daily	VOA Studio 7	Ndebele	Zimbabwe	15460
1800-1830	Mon-Fri	VOA	Portuguese	West Africa	1530 17655
1800-1900	Mon-Fri	VOA Studio 7	Live Call	Zimbabwe	6040 15460
1800-1900	Sat/Sun	VOA	English	Southern Africa	6040 15460
1800-1900	Daily	Deutsche Welle	Hausa	West Africa	9830
1830-1900	Daily	VOA	French	West Africa	1530 17530
1900-1930	Daily	Afia Darfur	Sudanese Arabic	Darfur/Sudan	9470 11615
1900-1930	Daily	VOA	French	Africa	1530 17530
1930-2000	Daily	VOA	French	West Africa	1530
1930-2000	Mon-Fri	VOA	Rwanda-Rundi	Great Lakes	6040 9470
2000-2030	Daily	VOA	French	West Africa	11900
2030-2100	Mon-Fri	VOA	Hausa	West Africa	4960
2030-2100	Mon-Sat	VOA	Hausa	West Africa	6035 7325(sat only) 9490
2030-2100	Sat/Sun	VOA	English	West Africa	4960
2030-2100	Sun	VOA	French	West Africa	9490
2100-2130	Mon-Fri	VOA	French	West Africa	11900
2000-2200	Daily	VOA	English	West Africa	1530

## 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.

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

## Sierra Leone

### Sierra Leone Broadcasting Corporation

SLBC is the public broadcasting service in Sierra Leone. SLBC is on FM. 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	Daily	Somali	Domestic	6160-AM/U
0600v-1500v	Daily	Somali	Domestic	13800-AM/U

### South West State of Somalia

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

### Warsan Radio

Warsan Radio was first heard on shortwave in June 2016.

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

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

### Target Broadcasts to Somalia

### 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
1500-1900	Daily	Somali	Domestic	693 7120

**Note** News and comment in English has been observed around 1320-1340 UTC.



# South Africa

## South African Broadcasting Corporation

The South African Broadcasting Corporation is the state-owned broadcaster in South Africa, established by an Act of Parliament in 1936 taking over from the African Broadcasting Company which had been responsible for some of the first radio broadcasts in South Africa in the 1920s. The SABC established services in what were then the country's official languages, English and Afrikaans, with broadcasts in ethnic languages following later. In 1966 the SABC also established an external service, Radio RSA, now known as Channel Africa. There are many stations on FM and mediumwave throughout South Africa, and Radio Sonder Grense is still on shortwave with its service to the Northern Cape.

## Mediumwave domestic stations currently broadcasting in South Africa

kHz	Station	Location	kW	Schedule
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 <b>New!</b>
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

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

## Channel Africa

Channel Africa is the international radio service of the SABC. Channel Africa evolved out of Radio RSA. Radio RSA broadcast news and opinion programming, which was often propaganda aimed at defending the apartheid regime. In 1992, following the fall of apartheid and the election of an ANC government, the service was renamed Channel Africa.

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

Times/UTC	Days	Language	Target	kHz
0300-0400	Mon-Fri	English	East & Central Africa	5980
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	15660
1600-1700	Mon-Fri	French	West Africa	15235
1700-1800	Mon-Fri	English	West Africa	15235

## South African Radio League - Amateur Radio Today

"Amateur Radio Today" is a programme presented weekly by the South African Radio League, the National Body for Amateur Radio in South Africa and sponsored by Sentech.

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

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



### Meyerton Transmitting Station

Operated by Sentech, the signal distributor for the South African broadcasting sector. The organisation began operations in 1992 as the signal distributor of the SABC. Sentech now operates as a commercial enterprise.

**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>
0300-0400	Daily	Deutsche Welle	Swahili	East Africa	6045
0400-0500	Daily	BBC	English	East Africa	7445
0500-0600	Daily	BBC	English	East Africa	12095
0500-0600	Daily	BBC	English	Southern Africa	3255 6190
0500-0600	Sat	BBC	Rwanda-Rundi	Great Lakes	11945 15490
0529-0600	Daily	BBC	Hausa	West Africa	9440
0529-0600	Sun	BBC	Rwanda-Rundi	Great Lakes	11945 15490
0600-0700	Daily	BBC	English	Southern Africa	3255 6190 7445
0600-0700	Daily	BBC	English	Central Africa	12095
0630-0700	Daily	Deutsche Welle	Hausa	West Africa	15200
0700-0729	Daily	BBC	French	Central Africa	15400
0700-0800	Daily	BBC	English	Southern Africa	6190 7445
0700-0800	Daily	BBC	English	Central Africa	17830
1000-1100	Daily	Deutsche Welle	Swahili	East Africa	17710
1130-1600	Sat	BBC	Somali	Horn of Africa	15420
1200-1230	Daily	BBC	French	Central Africa	17765
1400-1430	Mon-Fri	BBC	Hausa	West Africa	17640
1400-1500	Daily	BBC	Somali	Horn of Africa	15420
1400-1500	Sat/Sun	Voice of America	Rwanda-Rundi	Great Lakes	15460
1500-1700	Daily	BBC	English	East Africa	12095
1600-2000	Daily	BBC	English	Southern Africa	3255 6190
1600-1700	Daily	Deutsche Welle	English	Africa	9670
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	Great Lakes	11660
1630-1700	Mon-Fri	Voice of America	Sudanese English	Sudan	11985
1700-1730	Daily	Voice of America	English	West Africa	6080
1700-1730	Daily	Adventist World R	Swahili	East Africa	9600
1700-1800	Daily	Deutsche Welle	French	Africa	11610
1730-1800	Daily	Adventist World R	Masai	East Africa	9600
1730-1800	Mon-Fri	Voice of America	Oromo	Horn of Africa	12140
1800-1830	Daily	BBC	French	Indian Ocean Isl.	5930
1800-1830	Daily	BBC	French	Central Africa	7245
1800-1830	Daily	BBC	Somali	Horn of Africa	7265
1800-1830	Daily	BBC	Somali	Horn of Africa	9720
1800-1830	Daily	NHK R Japan	English	Central Africa	9755
1800-1900	Daily	BBC	English	Horn of Africa	7375 (100 kW)
1900-2000	Daily	BBC	English	Horn of Africa	7375 (250 kW)
1930-2000	Daily	Adventist World R	Fulfulde	West Africa	11790

## 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	Daily	Arabic/English/local languages	Domestic	693
1300-1830	Daily	Arabic/English/local languages	Domestic	693

### Target Broadcasts to South Sudan

### 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/Sudanese local languages	South Sudan	11730
1600-1700	Daily	English/Sudanese Arabic/Sudanese local languages	South Sudan	17730

### 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.

**Transmitter sites:** Meyerton, South Africa - 100 kW; Dhabbaya, UAE - 250 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	11985-mey 13750-dha 15180-smg

# Sudan

## Sudan Radio and Television Corporation - Sudan Radio

Sudan Radio is the state-controlled broadcasting service in Sudan. It broadcasts on mediumwave and FM throughout Sudan, as well as on shortwave at certain times of the day using a transmitter that it shares with the external service.

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

kHz	Station	Location	kW	Schedule
540	SRTC South Darfur State R	Nyala, South Darfur	50	0300-2100 in Arabic, also relay General Prgr
639	SRTC North Kurdufan State R	El Obeid, North Kurdufan	10	0300-2100 in Arabic, also relay General Prgr
666	SRTC Kassala State R	Kassala, Kassala State	5	0300-2100 in Arabic, also relay General Prgr
747	SRTC Khartoum State R	Khartoum, Khartoum State	10	0300-0700 and 1300-1900 in Arabic
747	SRTC Red Sea State R	Port Sudan, Red Sea State	5	0330-2100 in Arabic, also relay General Prgr
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	0300-2100 in Arabic, also relay General Prgr
801	SRTC North Darfur State R	Al-Fashir, North Darfur	5	0300-2100 in Arabic, also relay General Prgr
819	SRTC Northern State R	Dongola, Northern State	5	0300-2100 in Arabic, also relay General Prgr
873	SRTC Al Jazirah State R	Wad Madani, Al Jazirah State	10	0300-2100 in Arabic, also relay General Prgr
873	SRTC Northern State R	Wadi Halfa, Northern State	5	0300-2100 in Arabic, also relay General Prgr
891	SRTC Sennar State R	Singa, Sennar State	5	0300-2100 in Arabic, also relay General Prgr
945	SRTC South Kordufan State R	Al-Foula, S Kordufan State	5	0300-2100 in Arabic, also relay General Prgr
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	0300-2100 in Arabic, also relay General Prgr
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	0300-2100 in Arabic, also relay General Prgr
1584	SRTC White Nile State R	Kosti, White Nile State	5	0300-2100 in Arabic, also relay General Prgr
1602	SRTC S Kurdufan State R	Kaduqli, South Kurdufan State	5	0300-2100 in Arabic, also relay General Prgr

### 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.

**Times/UTC Language kHz Notes**

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.

**Times/UTC Language kHz Notes**

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

## Target Broadcasts to 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; SMG, Vatican - 250 kW; Kuwait - 250 kW; Woofferton, UK - 150 kW.

Times/UTC	Days	Language	Target	kHz
0300-0330	Daily	Sudanese Arabic	Darfur/Sudan	5925-smg 7235-sao 9815-kwt
1800-1830	Daily	Sudanese Arabic	Darfur/Sudan	9650-wof 11615-wof 15620-smg
1900-1930	Daily	Sudanese Arabic	Darfur/Sudan	9470-sao 9775-smg 11615-sao

### 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.

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

### **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	9600-smg 11650-smg 13800-mdg
1530-1630	Daily	Arabic/Sudanese languages	Darfur/Sudan	15150-mdg 15550-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
0342-0357	Daily	Lomwe	Southern Africa	4775
0430-0600	Daily	English	Southern Africa	3200 4775
0600-0700	Daily	English	Southern Africa	4775 6120
1400-1415	Daily	Urdu	South Asia	15360
1420-1425	Daily	English	Southern Africa	6025
1420-1450	Sat	Makhuwa	Southern Africa	7315
1425-1455	Daily	English	Southern Africa	6025
1455-1510	Mon	Ndebele	Southern Africa	6025
1455-1510	Tue-Sun	Shona	Southern Africa	6025
1455-1525	Sat/Sun	French	Madagascar	9585
1455-1525	Mon-Fri	Malagasy	Madagascar	9585
1510-1525	Daily	Shona	Southern Africa	6025
1525-1555	Mon-Fri	Ndebele	Southern Africa	6025
1525-1555	Sat/Sun	English	Southern Africa	6025
1555-1625	Daily	Shona	Southern Africa	6025
1557-1627	Mon-Fri	Kirundi	Great Lakes	15105
1630-1645	Tue	Shangaan	Southern Africa	4760
1630-1645	Sun	Portuguese	Southern Africa	3200
1630-1645	Tue	Oromo	Horn of Africa	9500
1630-1645	Fri/Sat	Kambaata	Horn of Africa	9500
1630-1645	Sun/Mon	Amharic	Horn of Africa	9500
1630-1700	Wed/Thu	Oromo	Horn of Africa	9500
1645-1700	Fri/Sat	Hadiyya	Horn of Africa	9500
1645-1700	Sun-Tue	Oromo	Horn of Africa	9500
1700-1715	Sat	Amharic	Horn of Africa	9500
1700-1730	Sun-Fri	Amharic	Horn of Africa	9500
1700-1730	Daily	Yao	Southern Africa	7300
1715-1730	Sat	Oromo	Horn of Africa	9500
1730-1800	Mon-Fri	Oromo	Horn of Africa	9500
1730-1800	Sun	Amharic	Horn of Africa	9500
1745-1800	Sat	Turkana	East Africa	9475
1745-1815	Sun-Fri	Swahili	East Africa	9475
1800-1815	Sat	Swahili	East Africa	9475
1800-1830	Daily	Zulu	Southern Africa	1170
1802-1817	Sun	English	East Africa	9500
1802-1832	Mon-Fri	English	East Africa	9500
1802-1902	Sat	English	East Africa	9500
1817-1847	Sun	Swahili	East Africa	9500
1820-1850	Mon-Fri	Umbundu	Southern Africa	6130
1830-2155	Daily	English	Southern Africa	1170
1832-1847	Mon	Swahili	East Africa	9500
1832-1847	Tue-Thu	English	East Africa	9500
1832-1902	Fri	English	East Africa	9500
1847-1902	Sun-Thu	Juba Arabic	East Africa	9500
1850-1905	Daily	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

Times/UTC	Days	Language	Target	kHz
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

## 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).

### Stations currently broadcasting on mediumwave in Tanzania

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
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

### Radio Tunis Chaîne Internationale

RTCI is the international service of Radio Tunisienne

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

Times/UTC	Days	Language	Target	kHz
0500-1303	Daily	French	Tunisia/Mediterranean	963
1303-1400	Daily	English	Tunisia/Mediterranean	963
1400-1500	Daily	German	Tunisia/Mediterranean	963
1500-1600	Daily	Italian	Tunisia/Mediterranean	963
1600-1900	Daily	French	Tunisia/Mediterranean	963
1900-2000	Daily	Spanish	Tunisia/Mediterranean	963
2000-0100	Daily	French	Tunisia/Mediterranean	963

# Uganda

## Uganda Broadcasting Corporation

UBC Radio is the public broadcaster of Uganda. It operates mainly on FM with three mediumwave transmitters in use for some services. 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

# 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. It currently airs the Laâyoune and Dakhla regional programmes on mediumwave from a transmitter at Laâyoune in Western Sahara on 711 kHz.

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

Times/UTC	Days	Language	Target	kHz
24 hours	Daily	Arabic/Hassaniyya	Western Sahara	711 (incl. 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, near the south-western Algerian town of Tindouf, near to the border with Western Sahara. Shortwave transmissions were 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. Radio 1 is broadcast on FM and shortwave 5915 kHz, mainly in national languages but with news in English at 0500-0515, 1115-1140 and 1800-1810. Radio 2, the English service, is on FM only, the shortwave transmitter on 6165 kHz having been off air since late 2012.

**Transmitter site:** Lusaka - 100 kW

Times/UTC	Days	Service	Target	kHz
0245-2205	Daily	Radio 1	Domestic	5915

**Note:** since July 2017 the transmitter has been off-air due to technical or power supply problems.

### 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	9860	
0500-0800	Mon-Fri	West Africa	11680	
1200-1700	Sat/Sun	West Africa	13680	
1200-1700	Sat/Sun	Southern & Central Africa	9680	extended to 1730 on Sundays
1600-1900	Mon-Fri	Southern & Central Africa	4965	
1600-1900	Mon-Fri	West Africa	6065	



## Zanzibar

### Zanzibar Broadcasting Corporation

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

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

Times/UTC	Days	Language	Target	kHz
0300-0600	Daily	Swahili	East Africa	6015
0900-1500	Daily	Swahili	Domestic	585
1500-2100	Daily	Swahili	Domestic/Arabian Peninsula	585 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 6040-bot 15460-sao
	1730-1800	Indaba zesi Ndebele	Zimbabwe	909-bot 4930-bot 6040-bot 15460-sao
Mon-Fri	1800-1900	Live Call	Zimbabwe	909-bot 4930-bot 6040-sao 15460-sao



## Selected Target Broadcasts to the African Continent

All schedules as per the start of the A-17 season (subsequent changes may not be reflected in this section)

### Voice of America

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

**Transmitter sites:** Mediumwave: Selebi-Phikwe, Botswana - 600 kW; Pinheira, Sao Tome - 600 kW Djibouti - 600 kW.

Shortwave: Ascension Island - 250 kW; Selebi-Phikwe, Botswana - 100 kW; Dhabbaya, UAE - 250 kW; Greenville NC, USA - 125/250 kW; Umm al-Rimam, Kuwait - 250 kW; Lampertheim, Germany - 100 kW; Meyerton, South Africa - 100 kW; Pinheira, Sao Tome - 100 kW; Santa Maria di Galeria, Vatican - 250 kW; Udon Thani, Thailand - 250 kW; Woofferton, UK - 250/300 kW.

Times/UTC	Days	Language	Target	kHz
0300-0330	Daily	Arabic (AD)	Darfur/Sudan	5925-smg 9470-sao 9815-kwt
0300-0400	Daily	English	Africa	909-bot 1530-sao 4930-bot 6080-bot 15580-bot
0330-0400	Daily	Kirundi	Great Lakes	7325-sao 9685-sao 9815-bot
0330-0400	Daily	Somali	Horn of Africa	11750-smg 13680-kwt 15620-udo
0400-0430	Daily	English	Africa	909-bot 1530-sao 4930-bot 4960-sao 6080-sao 15580-bot
0430-0500	Daily	English	Africa	909-bot 4930-bot 4960-sao 6080-sao 15580-bot
0430-0505	Mon-Fri	Kirundi	Great Lakes	7325-sao 9815-bot 11995-sao
0500-0530	Daily	Hausa	West Africa	1530-sao 4960-sao 6035-asc 11750-smg
0500-0600	Daily	English	Africa	909-bot 4930-bot 6080-sao 15580-bot
0505-0530	Mon-Fri	English	Great Lakes	7325-sao 9815-bot 11995-sao
0530-0600	Mon-Fri	French	Africa	1530-sao 4960-sao 6180-sao 9885-sao 13830-bot
0600-0630	Mon-Fri	French	Africa	1530-sao 4960-sao 6180-sao 9885-gre 13830-bot
0600-0700	Daily	English	Africa	909-bot 1530-sao 6080-sao 15580-bot
0700-0730	Daily	Hausa	West Africa	4960-sao 12070-sao 17700-bot
0830-0900	Wed/Sat	French	West/Cent Africa	12030-sao 13830-bot 15130-bot
1030-1100	Daily	Somali	Horn of Africa	11750-bot 13680-smg 15620-sao
1100-1130	Sat	French	Africa	12030-sao 15715-gre 17540-smg 17850-bot
1300-1400	Daily	Somali	Horn of Africa	15620-bot 17530-smg
1400-1500	Sat/Sun	Kirundi	Great Lakes	15460-mey 15675-sao 17530-sao
1400-1500	Daily	English	Africa	4930-bot 6080-bot 15580-bot
1500-1530	Daily	Hausa	West Africa	11750-sao 13700-sao 17700-smg
1500-1600	Daily	English	Africa	4930-bot 6080-bot 15580-bot 17530-bot
1530-1600	Mon-Fri	Hausa	West Africa	11750-sao 13700-sao 17700-smg
1600-1630	Daily	Kirundi	Great Lakes	13630-bot 15460-sao 17530-sao
1600-1630	Daily	English	Africa	909-bot 1530-sao 4930-bot 6080-sao 15580-bot
1600-1630	Mon-Fri	Amharic	Horn of Africa	1431-dji
1600-1630	Sat/Sun	Somali	Horn of Africa	1431-dji
1600-1700	Daily	Somali	Horn of Africa	12055-smg 15620-bot
1630-1700	Daily	English	Africa	909-bot 1530-sao 4930-bot 6080-bot(sa/su) 11985-mey(mo-fr) 13750-dha(mo-fr) 15180-smg(mo-fr) 15580-bot(sa/su)
1630-1700	Mon-Fri	Amharic	Horn of Africa	12110-bot 15580-bot
1630-1700	Fri	Portuguese	Southern Africa	13630-sao 17655-smg
1630-1700	Daily	Swahili	East Africa	15260-kwt 15460-sao 17530-sao
1700-1730	Daily	English	Africa	6080-mey 13590-smg 15580-bot 17530-gre
1700-1730	Daily	Shona (St 7)	Zimbabwe	909-bot 4930-bot 6040-bot 15460-sao
1700-1800	Daily	Portuguese	Southern Africa	1530-sao 13630-bot 17655-smg
1700-1800	Daily	Somali	Horn of Africa	12055-kwt 15620-kwt
1730-1800	Daily	English	Africa	6080-sao 13590-smg 15580-bot 17530-gre
1730-1800	Daily	Ndebele (St 7)	Zimbabwe	909-bot 4930-bot 6040-bot 15460-sao
1730-1800	Mon-Fri	Oromo	Horn of Africa	11720-sao 12110-lam 12130-udo 12140-mey 13860-udo 15180-udo 15630-wof 15700-lam 15785-sao
1800-1830	Sat/Sun	English	Africa	909-bot 4930-bot 6080-bot 15580-bot 17530-gre
1800-1830	Daily	Arabic (AD)	Darfur/Sudan	9650-wof 11615-wof 15620-smg
1800-1830	Mon-Fri	English	Africa	6080-bot 15580-bot 17530-gre 15580-bot
1800-1830	Mon-Fri	Portuguese	Southern Africa	13630-bot 17655-sao
1800-1900	Mon-Fri	Live Call (St 7)	Zimbabwe	909-bot 4930-bot 6040-sao 15460-sao
1800-1900	Daily	Amharic	Horn of Africa	11720-lam 12110-kwt 12130-udo 12140-udo 13860-wof 15180-udo 15630-wof 15700-lam 15785-wof
1830-1900	Mon-Fri	English	Africa	6080-bot 15580-bot
1830-1900	Sat/Sun	English	Africa	909-bot 4930-bot 6080-bot 15580-bot
1830-1900	Daily	French	Africa	1530-sao 9885-smg 17530-sao
1830-1900	Mon-Fri	Kirundi	Great Lakes	11780-smg 13630-dha
1900-1930	Daily	Arabic (AD)	Darfur/Sudan	9470-sao 9775-smg 11615-sao

Times/UTC	Days	Language	Target	kHz
1900-1930	Daily	French	Africa	1530-sao 9490-kwt 17530-sao
1900-1930	Mon-Fri	Tigrinya	Horn of Africa	11720-lam 12110-bot 12130-udo 12140-udo 13860-dha 15180-udo 15630-wof 15700-lam 15785-dha
1900-2000	Daily	English	Africa	909-bot 4930-bot 6080-bot 15580-bot
1930-2000	Daily	French	Africa	1530-sao 9490-kwt 17530-gre
1930-2000	Mon-Fri	Kirundi	Great Lakes	6040-sao 9470-sao 11780-bot
2000-2030	Daily	English	Africa	909-bot 1530-sao 4930-bot 6195-bot 15580-bot
2000-2030	Daily	French	Africa	6065-sao 9490-kwt 11900-sao 15730-gre 17530-gre
2030-2100	Daily	English	Africa	909-bot 1530-sao 4930-bot 4960-sao(sa/su) 6195-bot 15580-bot
2030-2100	Mon-Sat	Hausa	West Africa	4940-sao(mo-fr) 6035-sao 7325-sao 9490-sao 11955-bot 15730-gre(sa)
2030-2100	Sat/Sun	French	Africa	9490-sao(su) 11900-kwt 15185-gre 15730-gre(su)
2100-2130	Mon-Fri	French	Africa	5980-bot 9490-kwt 9885-smg 11900-sao
2100-2200	Daily	English	Africa	1530-sao 6195-bot 15580-bot
2130-2200	Mon-Fri	Bambara	West Africa	9490-asc 11900-smg 13670-gre 15120-gre

### **BBC World Service**

The BBC has the following transmissions for listeners in Africa.

**Transmitter sites:** Ascension Island - 125/250 kW; A'Seela, Oman - 250 kW; Dhabbaya, UAE - 250 kW; Kostinbrod, Bulgaria - 200 kW; Meyerton, South Africa - 100/250 kW; Moosbrunn, Austria - 300 kW; Talata Volonondry, Madagascar - 250 kW; Woofferton, UK - 250/300 kW

Times/UTC	Days	Language	Target	kHz
0300-0400	Daily	Arabic	North Africa	5875-wof 9410-dha
0400-0430	Daily	Somali	Horn of Africa	11995-mdc 15490-dha
0400-0500	Daily	English	Africa	7445-mey 11945-dha
0400-0500	Daily	Arabic	North Africa	9410-mos
0430-0500	Daily	French	Africa	6135-asc 7305-asc 17830-dha
0500-0600	Daily	English	Africa	3255-mey 5875-asc 5925-asc 6005-asc 6190-mey 7345-wof 12095-mey 15420-mdc
0500-0600	Sat	Rwanda-Rundi	Great Lakes	11945-mey 15490-mey
0500-0700	Daily	Arabic	North Africa	12015-sla
0529-0600	Daily	Hausa	West Africa	6135-asc 7305-asc 9440-mey
0529-0600	Sun	Rwanda-Rundi	Great Lakes	11945-mey 15490-mey
0600-0629	Daily	French	Africa	5875-asc 7305-asc 9440-wof 11800-wof
0600-0700	Daily	English	Africa	6005-asc 6190-mey 7345-asc 7445-mey 12095-mey 13580-dha 15400-wof 15420-mdc
0629-0700	Daily	Hausa	West Africa	5875-asc 7305-asc 11660-wof
0700-0729	Daily	French	Africa	9440-asc 15400-mey
0700-0800	Daily	English	Africa	6190-mey 7445-mey 9915-asc 11770-asc 12095-asc 13580-dha 15420-mdc 17830-mey
1100-1130	Daily	Somali	Horn of Africa	15420-dha 17745-sla
1100-1600	Sat	Hausa	West Africa	17780-asc
1130-1600	Sat	Somali	Horn of Africa	15420-mey 17745-dha
1200-1230	Daily	French	Africa	15490-mos 17640-asc 17765-mey
1400-1430	Mon-Fri	Hausa	West Africa	17640-mey 17780-asc 21630-dha
1400-1500	Daily	Somali	Horn of Africa	12095-mdc 15420-mey 17745-dha
1500-1600	Daily	English	Africa	12095-mey 15490-mdc
1600-1700	Daily	English	Africa	3255-mey 6190-mey 7445-mdc 12095-mey 17640-asc 17830-asc
1630-1700	Mon-Fri	Rwanda-Rundi	Great Lakes	9720-mdc 11660-mey
1700-1800	Daily	English	Africa	3255-mey 6190-mey 7445-mdc 9410-dha 15400-asc 17780-asc 17830-asc
1700-2000	Daily	Arabic	North Africa	12095-dha
1800-1830	Daily	French	Africa	5930-mey 7245-mey 11875-wof 11995-asc 15490-asc
1800-1830	Daily	Somali	Horn of Africa	6180-dha 7265-mey 9720-mey
1800-1900	Daily	English	Africa	3255-mey 6190-mey 7375-mey 7445-mdc 9410-dha 9820-dha 11685-sof 11810-asc 15400-asc
1900-2000	Daily	English	Africa	3255-mey 6190-mey 7375-mey 7445-mdc 9410-dha 11810-asc 13660-wof 15400-asc 17745-asc
1930-2000	Daily	Hausa	West Africa	9545-wof 11660-asc 15490-asc
2000-2030	Fri	Hausa	West Africa	9545-wof 11660-asc 15105-asc
2000-2100	Daily	Arabic	North Africa	9410-sla
2000-2100	Daily	English	Africa	9915-wof 11810-asc 12095-asc
2100-2200	Mon-Fri	English	Africa	9915-asc 11810-asc 12095-asc

### **Radio France Internationale**

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

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0400-0500	Daily	French	Africa	9790-iss 11700-iss
0430-0500	Daily	Swahili	East Africa	11790-iss
0500-0600	Daily	French	Africa	11700-iss 13695-iss 15300-iss
0530-0559	Daily	Swahili	East Africa	13740-iss
0600-0630	Daily	Hausa	West Africa	11995-iss 13750-iss
0600-0700	Daily	French	Africa	9790-iss 11700-iss 15300-iss 17850-iss
0600-0700	Daily	English	Africa	11905-iss 13725-iss
0700-0730	Daily	Hausa	West Africa	13685-iss 15315-iss
0700-0800	Daily	French	Africa	11700-iss 13695-iss 15300-iss 17620-iss 17850-iss
0800-0830	Daily	Mandinko	West Africa	15455-iss
0800-0900	Daily	French	Africa	13695-iss 15300-iss 17850-iss 21580-iss
1200-1230	Daily	Mandinko	West Africa	17815-iss
1200-1300	Daily	French	Africa	15300-iss 17620-iss 17660-mdc 21580-iss
1500-1600	Daily	Swahili	East Africa	21690-iss
1600-1700	Daily	French	Africa	15300-iss
1600-1700	Daily	Hausa	West Africa	15670-iss 17615-iss
1700-1730	Daily	Portuguese	Southern Africa	21690-iss
1700-1800	Daily	French	Africa	15300-iss 17850-iss 21580-iss
1800-1900	Daily	French	Africa	15300-iss 15375-iss(su) 17620-iss 21580-iss
1900-1930	Daily	Portuguese	Southern Africa	17660-iss
1900-2000	Daily	French	Africa	11995-iss 13740-iss 15300-iss 17850-iss
2000-2030	Daily	Hausa	West Africa	13695-iss
2000-2200	Daily	French	Africa	7205-iss 9790-iss

### **Radio Deutsche Welle**

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

**Transmitter sites:** Ascension Island - 250 kW; Dhabbaya, UAE - 250 kW; Issoudun, France - 500 kW; Meyerton, South Africa - 250 kW; Nauen, Germany - 500 kW; Pinheira, Sao Tome - 100 kW; Talata Volonondry, Madagascar - 250 kW; Trincomalee, Sri Lanka - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0400	Daily	Swahili	East Africa	6045-may 9800-nau
0630-0700	Daily	Hausa	West Africa	9830-sao 11800-iss 13660-nau 15200-mey
1000-1100	Daily	Swahili	East Africa	15275-mdc 17710-mey
1300-1400	Daily	Hausa	West Africa	9830-sao 15200-iss 17800-asc 21780-dha
1325-1530	Sat	Hausa	West Africa	13810-iss 15195-iss 15355-iss 17570-iss (Sats when Bundesliga matches played)
1500-1600	Daily	Swahili	East Africa	15275-trm 17710-dha 17800-trm
1600-1700	Daily	Amharic	Horn of Africa	15275-trm 17705-dha
1600-1700	Daily	English	Africa	9670-mey 13810-iss 15290-iss 15315-iss 17800-dha 21780-asc
1700-1800	Daily	French	Africa	11610-mey 13750-iss 15275-iss 17800-iss
1800-1900	Daily	Hausa	West Africa	9830-sao 13610-iss 15200-iss 15275-iss

### **Radio Romania International**

Radio Romania International has the following transmissions for listeners in Africa.

**Transmitter sites:** Tiganesti - 300 kW; Galbeni - 300 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0500-0530	Daily	French	Africa	15340-tig 17750-tig
0630-0700	Daily	Arabic	North Africa	11970-tig 13750-tig
0800-0900	Sun	Romanian	North Africa	11650-gal 15400-gal
0900-1000	Sun	Romanian	North Africa	15130-tig 17680-tig
1000-1100	Daily	French	North Africa	15130-tig 17630-tig
1100-1200	Daily	English	Africa	17670-gal 21570-gal
1200-1230	Daily	Arabic	North Africa	15130-gal 17610-tig
1530-1600	Daily	Arabic	North Africa	13660-tig 15130-gal

### **Vatican Radio**

Vatican Radio has the following transmissions for listeners in Africa.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0330	Daily	English	East Africa	7360-smg
0330-0345	Sun	Swahili	East Africa	7360-smg
0330-0400	Mon-Sat	Swahili	East Africa	7360-smg
0345-0400	Sun	Somali	Horn of Africa	7360-smg
0400-0415	Daily	Amharic	Horn of Africa	9660-mdc
0415-0430	Daily	Tigrinya	Horn of Africa	9660-mdc
0430-0500	Daily	French	Africa	9660-mdc
0500-0530	Daily	English	Africa	9660-mdc
0530-0600	Daily	Portuguese	Southern Africa	9660-smg 11625-mdc
0600-0630	Daily	French	West Africa	11625-smg 13765-smg
0630-0700	Daily	English	West Africa	11625-smg 13765-smg
0645-0705	Mon-Sat	Arabic	North Africa	9645-smg 11740-smg
0700-1030	Special	French	Africa	15570-smg 17520-smg
0700-1030	Special	Portuguese	Africa	17770-smg
0700-1030	Special	English	Africa	17785-smg
0830-0950	Sun	Amharic	Horn of Africa	15595-smg 17590-smg (Liturgy)
1050-1130	Sun	Italian	West Africa	15570-smg 17520-smg (Angelus)
1200-1220	Daily	Italian	West Africa	17520-smg (News)
1600-1615	Sat	Swahili	East Africa	9660-mdc 15570-smg
1600-1630	Sun-Fri	Swahili	East Africa	9660-mdc 15570-smg
1615-1630	Sat	Somali	Horn of Africa	9660-mdc 15570-smg
1630-1645	Daily	Amharic	Horn of Africa	9660-mdc 15570-smg
1645-1700	Daily	Tigrinya	Horn of Africa	9660-mdc 15570-smg
1700-1730	Daily	French	Africa	9660-mdc 15570-smg
1730-1800	Daily	English	Africa	9660-mdc 15570-smg
1800-1830	Daily	Portuguese	Africa	9660-smg 15570-smg
1840-1900	Daily	Latin	West Africa	7360-smg 9660-smg (Liturgy)
1900-1930	Sat	Spanish	NW Africa	7360-smg 9670-smg
2000-2030	Daily	English	West Africa	7360-smg 9670-smg
2030-2115	Daily	French	West Africa	7360-smg 9670-smg
2040-2100	Daily	Arabic	North Africa	6070-smg 7275-smg

### **Arabic Radio of the Islamic Republic of Iran**

The IRIB External Service in Arabic is for listeners in the Middle East and North Africa.

**Transmitter sites:** Sirjan - 500 kW; Zahedan - 500 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0130-0230	Daily	Arabic	Middle East/North Africa	7425-zah 9880-sir
0230-0530	Daily	Arabic	Middle East/North Africa	9880-sir 11865-zah
0530-0730	Daily	Arabic	Middle East/North Africa	13610-zah 13780-sir
0730-0830	Daily	Arabic	Middle East/North Africa	13610-zah 13780-sir
0830-0930	Daily	Arabic	Middle East/North Africa	13610-zah
0930-1130	Daily	Arabic	Middle East/North Africa	13610-zah 13780-sir
1130-1430	Daily	Arabic	Middle East/North Africa	13610-zah 13785-sir
1430-1600	Daily	Arabic	Middle East/North Africa	9650-zah 9790-sir
1600-1730	Daily	Arabic	Middle East/North Africa	9650-zah 9790-sir
1730-0130	Daily	Arabic	Middle East/North Africa	7425-zah

### **IRIB World Service - Voice of the Islamic Republic of Iran**

IRIB World Service has the following transmissions for listeners in Africa.

**Transmitter sites:** Sirjan - 500 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0450-0550	Daily	Swahili	East Africa	13750-sir 15630-sir
0550-0650	Daily	Hausa	West Africa	15625-sir
1820-1920	Daily	Hausa	West Africa	9860-sir
1920-2020	Daily	English	Southern Africa	9800-sir

### **Radio Sultanate of Oman**

Radio Sultanate of Oman has the following transmissions for listeners in East Africa.

**Transmitter site:** Thumrait - 100 kW

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0200-0300	Daily	Arabic	East Africa	9540-thu
0300-0400	Daily	English	East Africa	9540-thu
0400-1000	Daily	Arabic	East Africa	13600-thu

### **Saudi Broadcasting Corporation**

SBC has the following services to listeners in Africa.

**Transmitter sites:** Riyadh - 250/500 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Service</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0400-0655	Daily	Radio Saudi Int.	Swahili	East Africa	15285
0600-0855	Daily	Radio Riyadh	Arabic	North Africa	17730
0900-1155	Daily	Radio Riyadh	Arabic	North Africa	17805
1200-1455	Daily	Radio Riyadh	Arabic	North Africa	21505
1200-1455	Daily	Qur'an Service	Arabic	North Africa	17895
1300-1555	Daily	Qur'an Service	Arabic	East Africa	17615
1400-1555	Daily	Radio Saudi Int.	French	West Africa	17660
1500-1655	Daily	Call of Islam	Arabic	North Africa	15225
1500-1755	Daily	Qur'an Service	Arabic	North Africa	13710
1600-1755	Daily	Qur'an Service	Arabic	West Africa	17560
1700-1755	Daily	Radio Riyadh	Arabic	North Africa	15225
1800-2255	Daily	Radio Riyadh	Arabic	North Africa	9555
1800-2255	Daily	Qur'an Service	Arabic	North Africa	11915
1800-2255	Daily	Qur'an Service	Arabic	West/Africa	11930

### **China Radio International**

China Radio International has the following transmissions for listeners in Africa.

**Transmitter sites:** Beijing, China - 500 kW; Baoji, China - 150 kW; Jinhua, China - 500 kW;

Xian, China - 500 kW; Kashi, China - 100/500 kW; Kunming, China - 500 kW; Shijiazhuang, China - 500 kW; Urumqi, China - 500 kW; Bamako, Mali - 100 kW; Cerrik, Albania - 150 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0500-0600	Daily	English	North Africa	11710-cer 17510-kas
0500-0700	Daily	Arabic	North Africa	5985-cer 9590-cer 11775-cer 17485-kas
0600-0700	Daily	English	North Africa	11710-cer 17510-kas
0700-0900	Daily	English	North Africa	17670-kas
0800-0900	Daily	Hausa	West Africa	7295-bko
1300-1400	Daily	French	Africa	13685-bko 17880-bko
1400-1500	Daily	English	Africa	13685-bko 17630-bko
1400-1600	Daily	French	West Africa	11920-cer 13670-cer
1500-1600	Daily	English	Africa	9720-uru 611610-kas 13685-bko 17630-bko
1600-1700	Daily	Swahili	East Africa	5985-bei 7245-xia
1600-1700	Daily	Hakka	East/Southern Africa	9770-uru 11880-xia
1600-1700	Daily	English	Africa	9570-bei 11900-jin 15250-uru
1600-1700	Daily	Arabic	North Africa	9555-cer 11725-cer 13790-kas 15125-bko 17880-bko
1630-1730	Daily	Hausa	West Africa	9685-kun 13870-kas
1700-1800	Daily	Arabic	North Africa	9555-cer 11725-cer 13790-kas
1700-1800	Daily	Swahili	East Africa	5985-bei 11680-xia 13645-bko 15125-bko
1700-1800	Daily	Cantonese	Southern Africa	9435-uru
1700-1800	Daily	English	Southern Africa	9570-bei 11900-jin
1730-1830	Daily	Chinese	North/West Africa	7275-uru 7315-kun 9695-kun
1730-1830	Daily	Hausa	West Africa	9450-kas 9685-kun
1800-1830	Daily	Hausa	West Africa	11640-bko 13645-bko
1800-2000	Daily	French	North-West Africa	6055-cer 11695-cer
1830-1930	Daily	Arabic	North Africa	11640-bko 13685-bko
1830-2030	Daily	French	West Africa	7350-kas 9645-kun
1900-2000	Daily	Portuguese	Africa	5985-bei 7405-xia 9535-bji 9730-kas 9765-bei
1900-2000	Daily	English	Africa	7295-uru 9440-kun
1930-2000	Daily	Portuguese	Southern Africa	11640-bko 13630-bko
2000-2100	Daily	English	Africa	5985-bei 7295-uru 9440-kun 11640-bko 13630-bko
2000-2100	Daily	Chinese	Africa	7255-kas 7405-xia 9865-kun
2000-2200	Daily	Arabic	North Africa	6100-xia 6185-cer 7215-cer
2100-2130	Daily	English	Southern Africa	11640-bko 13630-bko
2100-2200	Daily	English	Southern Africa	7205-xia 7325-bei
2130-2230	Daily	French	North/West/Cent Afr.	11975-bko 13630-bko
2200-2300	Daily	Chinese	Africa	5975-bei 7265-kun 7395-uru 7430-jin
2230-2300	Daily	Chinese	North/West/Cent Afr.	11975-bko 15505-bko
2300-0000	Daily	Chinese	North/West Africa	7295-bko 11975-bko

### **NHK World Radio Japan**

NHK World Radio Japan has the following transmissions for listeners in Africa.

**Transmitter sites:** Yamata, Japan - 300 kW; Issoudun, France - 500 kW; Nauen, Germany - 250 kW; Meyerton, South Africa - 250 kW; Talata Volonondry, Madagascar - 250 kW;

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0500	Daily	Japanese	North Africa	9490-nau
0315-0400	Daily	Swahili	East Africa	9560-mdc
0500-0530	Daily	English	Southern Africa	9770-iss
0530-0600	Daily	French	West/Central Africa	11730-iss 13840-mdc
0600-0630	Daily	Arabic	North Africa	11975-iss
0800-1000	Daily	Japanese	North Africa	15290-iss
1700-1900	Daily	Japanese	Southern Africa	11945-iss 15445-nau
1729-1800	Daily	Swahili	East Africa	13730-mdc
1800-1830	Daily	English	Central Africa	9755-mey
1900-2100	Daily	Japanese	Africa	15130-iss
1930-2000	Daily	English	West Africa	9710-smg
2030-2100	Daily	French	West/Central Africa	11985-mdc

### **Voice of Korea**

Voice of Korea from Pyongyang has the following transmissions for listeners in Africa.

**Transmitter site:** Kujang - 200 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1530-1630	Daily	Arabic	North Africa	9890-kuj 11645-kuj
1630-1730	Daily	English	North Africa	9890-kuj 11645-kuj
1730-1830	Daily	Arabic	North Africa	9890-kuj 11645-kuj
1830-1930	Daily	French	North Africa	9875-kuj 11635-kuj
1930-2030	Daily	English	North Africa	9875-kuj 11635-kuj
2030-2130	Daily	Korean	North Africa	9875-kuj 11635-kuj

### **KBS World Radio**

KBS World Radio from Seoul has the following transmissions for listeners in Africa.

**Transmitter site:** Issoudun, France - 250 kW; Dhabbaya, UAE - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
2000-2100	Daily	French	Africa	5950-iss
2000-2100	Daily	Arabic	North Africa	13585-dha

### **All India Radio**

All India Radio has the following transmissions for listeners in Africa.

**Transmitter sites:** Aligarh - 250 kW; Bengaluru - 500 kW; Delhi-Khampur - 250 kW; Mumbai - 100 kW; Panaji - 250 kW

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0315-0415	Daily	Hindi	East Africa/Mauritius	15120-bgl 15185-pan 17715-bgl
0415-0430	Daily	Gujarati	East Africa/Mauritius	15120-bgl 15185-pan 17715-bgl
0430-0530	Daily	Hindi	East Africa/Mauritius	15120-bgl 15185-pan 17715-bgl
1515-1600	Daily	Gujarati	East Africa	11620-bgl 13640-bgl 15175-pan
1515-1615	Daily	Swahili	East Africa	9950-bgl 13605-bgl
1615-1730	Daily	Hindi	East Africa	9950-bgl 13605-bgl
1745-1945	Daily	English	East Africa	11935-mum 13695-bgl
1745-1945	Daily	English	East Africa	9445-bgl
1945-2030	Daily	French	West/NW Africa	9620-alg 11710-dkh 13640-bgl

### **Voice of Indonesia**

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

**Transmitter site:** Jakarta-Cimanggis - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1600-1700	Daily	Arabic	North Africa	9526
1900-2000	Daily	English	North Africa	9526
2000-2100	Daily	French	North Africa	9526

### **Radio Habana Cuba**

Radio Habana Cuba has the following transmission for listeners in Africa.

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
2100-2130	Daily	French	Africa	11880-hab
2130-2200	Daily	Portuguese	Africa	11880-hab
2200-2300	Daily	English	Africa	11880-hab



## Christian Broadcasts to Africa

### Adventist World Radio

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

**Transmitter sites:** Issoudun, France - 250 kW; Meyerton, South Africa - 250 kW; Moosbrunn, Austria - 300 kW; Nauen, Germany - 100/250 kW; Talata Volonondry, Madagascar - 100/250 kW; Trincomalee, Sri Lanka - 125/250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0300-0330	Daily	Tigrinya	Horn of Africa	9655-nau
0300-0330	Daily	Oromo	Horn of Africa	15500-trm
0300-0400	Daily	Malagasy	Madagascar	6055-mdc
0330-0400	Daily	Amharic	Horn of Africa	15500-trm
0430-0500	Daily	French	North Africa	6155-nau
0500-0530	Daily	Hausa	West Africa	11955-mos
0500-0600	Daily	Arabic	North Africa	17780-trm
0600-0630	Daily	French	North Africa	12035-iss 15640-nau
0600-0700	Daily	Arabic	North Africa	11880-mos
0700-0730	Daily	French	West Africa	11880-iss
0700-0800	Daily	Arabic	North Africa	15225-nau
0800-0830	Daily	French	North Africa	15145-mos
0800-0830	Daily	Kabyle	North Africa	15225-nau
0830-0900	Daily	Tachelhit	North Africa	15225-nau
1400-1500	Daily	Malagasy	Madagascar	6055-mdc
1430-1500	Daily	Afar	Horn of Africa	17605-mos
1630-1700	Daily	Tigrinya	Horn of Africa	15490-nau
1630-1700	Daily	Somali	Horn of Africa	17570-nau
1700-1730	Daily	Amharic	Horn of Africa	17570-nau
1700-1730	Daily	Swahili	East Africa	9600-mey 11790-mdc
1730-1800	Daily	Maasai	East Africa	9600-mey
1730-1800	Daily	Kabyle	North Africa	15170-nau
1730-1800	Daily	Oromo	Horn of Africa	17570-nau 17725-nau
1800-1900	Daily	Arabic	North Africa	11955-mos
1830-1900	Daily	English	Central Africa	15155-trm
1900-1930	Daily	Wolof	West Africa	11790-nau
1900-1930	Daily	Hausa	West Africa	11955-mos
1900-2000	Daily	Arabic	North Africa	11680-mdc 11800-nau
1930-2000	Daily	Fulfulde	West Africa	11790-mey
1930-2000	Daily	Igbo	West Africa	11885-iss
1930-2000	Daily	Tachelhit	North Africa	11955-nau
1930-2000	Daily	French	Central Africa	15155-mos
2000-2030	Daily	French	North/West Africa	9565-nau 9610-nau
2000-2030	Daily	Moore	West Africa	9770-iss
2000-2030	Daily	Dyula	West Africa	11880-mos
2030-2100	Daily	Yoruba	West Africa	11790-iss
2030-2100	Daily	French	West Africa	15155-mos
2100-2130	Daily	English	West Africa	11880-mos

### Bible Voice Broadcasting

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

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

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0600-0615	Daily	Arabic	North Africa	11655-nau
1600-1630	Sat-Tue	Oromo	Horn of Africa	17515-nau
1600-1630	Sat	Somali	Horn of Africa	17515-nau
1630-1700	Mon-Fri	Amharic	Horn of Africa	17515-nau
1630-1700	Sat/Sun	Somali	Horn of Africa	17515-nau
1700-1730	Mon	Tigrinya	Horn of Africa	17515-nau
1700-1730	Tue-Thu	Amharic	Horn of Africa	17515-nau
1700-1800	Sun	Amharic	Horn of Africa	17515-nau
1730-1745	Tue	English	Horn of Africa	17515-nau
1730-1800	Mon	Somali	Horn of Africa	17515-nau
1630-1700	Daily	Nuer	Sudan	15160-nau
2030-2045	Daily	Arabic	North Africa	9400-kos

### **EWTN - Global Catholic Radio**

EWTN is owned by Eternal Word TV Network Inc.

**Transmitter site:** Vandiver AL, USA - 500 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0000-0900	Daily	English	Africa	11520-ewn
1900-0000	Daily	English	Africa	15610-ewn

### **IBRA Radio**

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

**Transmitter sites:** Dhabbaya, UAE - 250 kW; Woofferton, UK - 250/300 kW; Yerevan, Armenia - 300 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
1600-1630	Daily	Afar	Horn of Africa	11655-dha
1600-1700	Daily	Amharic	Horn of Africa	12125-erv
1700-1730	Daily	Somali	Horn of Africa	6180-dha
1700-1730	Daily	Oromo	Horn of Africa	9630-dha
1730-1800	Daily	Somali	Horn of Africa	6180-dha
1730-1800	Daily	Silte	Horn of Africa	7510-erv
1730-1800	Daily	Tigrinya	Horn of Africa	9630-dha
1730-1830	Daily	Beja	North-East Africa	9635-wof
1730-1900	Daily	Arabic	North-East Africa	15510-wof
1900-1915	Sat/Sun	Pulaar	West Africa	11875-wof
1900-1930	Mon-Fri	Fulfulde	West Africa	11875-wof
1915-1930	Sat/Sun	Kanuri	West Africa	11875-wof
1930-1945	Mon	Jula	West Africa	11875-wof
1930-1945	Tue/Wed	Zarma	West Africa	11875-wof
1930-1945	Thu-Sat	Tamajeq	West Africa	11875-wof
1930-1945	Sun	Malinke	West Africa	11875-wof
1945-2000	Mon-Fri	Hausa	West Africa	11875-wof
1945-2000	Sat/Sun	Bambara	West Africa	11875-wof

### **Trans World Radio**

Trans World Radio (TWR) is a multinational evangelical Christian media distributor.

**Transmitter sites:** Dhabbaya, UAE - 250 kW.

<b>Times/UTC</b>	<b>Days</b>	<b>Language</b>	<b>Target</b>	<b>kHz</b>
0330-0345	Mon/Fri/Sun	Amharic	Horn of Africa	11710-dha
0330-0345	Tue	Oromo	Horn of Africa	11710-dha
0330-0345	Wed/Thu	Sidamo	Horn of Africa	11710-dha
1300-1315	Thu-Sun	Afar	Horn of Africa	17680-dha
1630-1645	Sun	Somali	Horn of Africa	to be confirmed
1630-1700	Mon-Sat	Somali	Horn of Africa	to be confirmed
1800-1815	Mon-Thu	Tigrinya	Horn of Africa	to be confirmed
1800-1830	Sat	Tigre	Horn of Africa	to be confirmed
1800-1830	Sun	Kunama	Horn of Africa	to be confirmed
1815-1845	Mon-Fri	Tigrinya	Horn of Africa	to be confirmed
1830-1900	Sun	Tigrinya	Horn of Africa	to be confirmed

### **Reach Beyond**

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

**Transmitter sites:** Woofferton, UK - 250 kW.

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

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

Pan American Broadcasting leased a transmitter from the authorities in Equatorial Guinea and used it to broadcast pre-recorded US evangelical programmes to Africa, most recently using a 50 kW shortwave transmitter was installed by Chinese technicians in 2005. However, following WRMI's acquisition of the old Family Radio transmitter site at Okeechobee, Florida, in late 2013, Pan-American Broadcasting has been hiring airtime from them instead.

**Transmitter site:** Okeechobee, Florida - 100 kW.

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

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

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

**Transmitter site:** Issoudun, France - 500 kW (brokered by MBR, Germany)

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

**Eternal Good News**

15 minute programme produced by the EGN religious group. The following are beamed to Africa.

**Transmitter site:** World Harvest Radio, Furman SC, USA - 500 kW.

Times/UTC	Days	Language	Target	kHz
0445-0500	Sat	English	Africa	11635-hri
1730-1745	Sat	English	Africa	21600-hri

**Follow The Bible Ministries**

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

**Transmitter sites:** Ascension Island - 250 kW

Times/UTC	Days	Language	Target	kHz
1900-1930	Sun	English	West Africa	12005 12030

**Radio Akhbar Mufriha**

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

**Transmitter sites:** Ascension Island - 250 kW.

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



## Long and Mediumwave in Africa

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
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
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
	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
	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 Kinsel	Meyerton	50	24h in English/Afrikaans
	NIG	FRCN R Nigeria Ibadan	Ibadan	100	0430-2305 in English/local languages
666	ALG	RTA R Tindouf	Tindouf	10	24h in Arabic
	REU	Réunion Première	St Pierre	20	24h in French
	SDN	SRTC Kassala State R	Kassala	5	0300-2100 in Arabic
675	KEN	KBC R Taifa	Marsabit	50	0200-2110 in Swahili
	MWI	MBC Radio 1	Ekwendeni	50	24h in English/Chichewa
677.5	LBY	Voice of Free Libya	Benghazi	100	Arabic; irregular; likely to be on lower power

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
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		planned
	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 Las Palmas	Tafira	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	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; noted with DRM transmissions carrying Chaîne 1 and Jil FM
	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 between 1700-1800 and "Live Call" between 1800-1900mo-fr
	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
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	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	CNR	esRadio Arucas	Las Palmas	10	24h in Spanish
	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
1008	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	Voice of Homeland	Tripoli	100	Arabic; likely to be on lower power than listed



<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1071	ALG	RTA Chaîne 1	Illizi	5	24h in Arabic
	BOT	R Botswana	Jwaneng	25	24h in Setswana/English
	EGY	ERTU Adults Prgr	Cairo	100	0300-1500 in Arabic
1080	EGY	ERTU General Prgr	El Minya	100	0300-0000 in Arabic
	EGY	ERTU General Prgr	Luxor	10	0300-0000 in Arabic
	ETH	R Fana	Addis Ababa	3	0300-1900 in Amharic
1089	ALG	RTA R Adrar	Adrar	5	24h in Arabic
1107	KEN	KBC R Taifa	Maralal	100	0200-2110 in Swahili
	NIG	FRCN R Nigeria Kaduna	Jaji	25	0400-2300 in English/local langs
1125	LBY	R Free Libya	Bayda	500	Arabic; irregular; likely to be on lower power
1134	AGL	RNA Canal A	Luanda	10	24h in Portuguese
	NIG	Cross River State BC	Ogoja	10	0430-2315 in English/local languages
1152	KEN	KBC R Taifa	Wajir	50	0200-2110 in Swahili
1161	ALG	RTA R Tamanrasset	In Salah	5	24h in Arabic
	EGY	ERTU Mid-Delta Prgr	Tanta	100	0400-2000 in Arabic
1170	SWZ	TWR Swaziland	Mpangela Range	100	1800-1830 in Zulu, 1830-2155 in English
1179	CNR	SER, R Club Tenerife	Santa Cruz	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
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

<b>kHz</b>	<b>ITU</b>	<b>Station</b>	<b>Location</b>	<b>kW</b>	<b>Schedule</b>
1458	MYT	Mayotte Première	Pamandzi	5	0000(0145su)-1900(1830su) in French/Mahorian
1476	EGY	ERTUN Upper Egypt R	El Minya	10	0200-2200 in Arabic
1485	AFS	R Today	Johannesburg	1	24h in English
	ETH	R Ethiopia National Sce	Negele	10	0300-2100 in Amharic/local languages
	MEL	SER R Melilla	Melilla	1	24h in Spanish
	SDN	SRTC Al-Qadarif State R	Al-Qadarif	5	0300-2100 in Arabic
1503	EGY	ERTU North Sinai R	El Arish	25	0400-2300 in Arabic; also broadcasts Matruh R
1530	SAO	Voice of America relay	Pinheira	600	0300-0430 in English, 0500-0530 in Hausa, 0530-0600mf in French, 0600-0700 in English, 1600-1700 in English, 1700-1800 in Portuguese, 1830-2000 in French, 2000-2200 in English
1548	AFS	R Islam	Lenasia	10	24h in English (Islamic)
1550	SAH	National R of SADR	Rabouni	50	0700-1300 & 1700-2300 in Arabic/Hassaniyya
1566	BEN	TWR Benin	Parakou	100	0315(0335ss)-0545 and 1725-2230(2215ss) in English/French/West African languages
1575	EGY	ERTU HQ/Y&S/Educ Prgr	Al-Qusayr	10	0200-2200 in Arabic
	MAU	BBC World Service relay	Bigara	2	24h in English
1584	AFS	Radio 1584	Pretoria	0.25	24h in English (Islamic)
	CEU	Radiolé Costa del Estrecho	Ceuta	5	24h in Spanish
	EGY	ERTU S Upper Egypt R	Idfu	10	0200-2200 in Arabic
	EGY	ERTU El Wady El Gadid R	Baris	1	0400-2200 in Arabic
	SDN	SRTC White Nile State R	Kosti	5	0300-2100 in Arabic
1593	EGY	ERTU Matruh R	Matruh	10	0200-2200 in Arabic
1602	EGY	ERTU Matruh R	Siwa	10	0200-2200 in Arabic
	EGY	ERTU S Upper Egypt R	Nag Hamadi	10	0200-2200 in Arabic
	SDN	SRTC S Kurdufan State R	Kaduqli	5	0300-2100 in Arabic

## British DX Club

# Africa on Mediumwave and Shortwave

Compiled by Tony Rogers

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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

Dedicated to the hobby of DXing from LW, MW & SW all the way up to VHF and satellite monitoring  
<http://swldxbulgaria.blogspot.co.uk/>