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Africa on Shortwave



**Guide to shortwave
broadcasting in Africa**

July 2024 (A24)

Africa on Shortwave

Compiled and edited by Tony Rogers.

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Descriptions used in this guide may have been taken from radio station websites and/or Wikipedia.

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Algeria

Radio Algérienne

The Entreprise Nationale de Radiodiffusion Sonore (ENRS, the National Sound Broadcasting Company, Algerian Radio, or Radio Algérienne) is Algeria's state-owned public radio broadcasting organisation. The group provides services in Arabic, French and Berber and currently operates six national stations, one international and one specifically for Africa, plus a network of regional stations.

International broadcasting on shortwave

Two new 300 kW shortwave transmitters located at Ouargla and Béchar in Algeria were inaugurated in July 2022 after several years of planning and after initially broadcasting the Radio Coran service in Arabic, it switched to Ifrikiya FM on 3 May 2023.

Ifrikiya FM - La Voix Africaine

Ifrikiya FM (Africa FM) is an Algerian radio station that was inaugurated on 3 May 2023 in Algiers on the occasion of World Press Freedom Day. Its objective is to contribute to the development of the African continent with educational, informative and cultural programmes produced by a dedicated team of reporters and presenters. It currently broadcasts in five languages: French, Arabic, Targui, Hausa and Bambara. As well as being aired on FM, satellite and online, it is also heard over Radio Algérienne's shortwave transmitters at Béchar and Ouragla.

HFCC registrations for A24

Béchar transmitter		Ouargla transmitter	
Time/UTC	kHz	Time/UTC	kHz
0300-0600	9500	0300-0600	9700
0600-2200	17600	0600-1000v & 1800-1900	15160
2200-0300	15110	1900-0300	13790

Although registered with the HFCC for A24 between 0600-1900, the Ouargla transmitter leaves 15160 kHz between 1000-1100 and returns at 1800 UTC, whereas Béchar is on air throughout the day as indicated above.

The block of programming on Ifrikiya FM between 1800-2300 that had consisted of a relay of Radio Algérienne's "Radio Coran" service, appears to have now been replaced by Ifrikiya FM's own programmes.

Angola

Rádio Nacional de Angola

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

RNA Canal A

Canal A is the national service of RNA, broadcasting exclusively in Portuguese throughout Angola on a network of FM transmitters, as well as on mediumwave (1134v kHz).

The shortwave transmitter that used to be heard on 4949.7v kHz (Luanda-Mulenvos 25 kW) appears not to have been reported since August 2022.

Ascension Island

BBC Atlantic Relay Station

The Ascension Island transmitting station is a shortwave transmitting facility in the English Bay area of Ascension Island. The facility was opened by the BBC in 1966 to broadcast the BBC World Service to Africa and South America. The site is owned and operated by Encompass Digital Media and has six 250 kW transmitters.

Transmitter site: English Bay.

<i>Time/UTC</i>	<i>Days</i>	<i>Station</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Target area</i>
0500-0530	Daily	Voice of America	Hausa	6180	250	West Africa
0500-0600	Daily	Radio Ndarason International	Kanuri	5960	250	North Central Africa
0500-0600	Daily	BBC	English	9410	125	West Africa
0529-0600	Daily	BBC	Hausa	7410	250	West Africa
				12065	250	West Africa
0600-0629	Daily	BBC	French	7410	250	West Africa
				12065	250	Central Africa
0600-0700	Daily	BBC	English	9410	125	West Africa
				9915	125	Central Africa
0629-0700	Daily	BBC	Hausa	9440	250	West Africa
				12065	250	West Africa
0700-0729	Daily	BBC	French	15260	250	West Africa
				17830	250	Central Africa
0700-0800	Daily	Radio Ndarason International	Kanuri	15505	250	North Central Africa
1100-1300	Sat	BBC	Hausa	21630	250	West Africa
1200-1230	Daily	BBC	French	17640	250	West Africa
1300-1430	Sat	BBC	Hausa	21630	250	West Africa
				21645	250	West Africa
1400-1430	Mon-Fri	BBC	Hausa	21630	250	West Africa
1400-1600	Sat	BBC	English	17640	125	West Africa
1430-1600	Sat	BBC	Hausa	21645	250	West Africa
1530-1730	Sun	BBC	English	17640	125	West Africa
1600-1700	Sat	BBC	Hausa	17700	250	West Africa
				21645	250	West Africa
1700-1730	Sun	ENC registration	Swahili	17880	250	East Africa
1700-1800	Mon-Fri	BBC	English	17780	125	West Africa
				17830	125	Central Africa
1700-1900	Sat	BBC	Hausa	17700	250	West Africa
1800-1830	Daily	BBC	French	15490	250	West Africa
1800-1900	Daily	Radio Ndarason International	Kanuri	12050	250	North Central Africa
1800-1900	Daily	BBC	English	15400	125	West Africa
				17830	125	Central Africa
1830-1900	Mon-Fri	Voice of America	Rwanda-Rundi	17530	250	Burundi/Rwanda
1900-1930	Sun	Follow the Bible Ministries	English	9585	250	Southern Africa
				11660	250	West Africa
1930-2000	Sat-Thu	BBC	Hausa	11660	250	West Africa
1930-2030	Fri	BBC	Hausa	11660	250	West Africa
2000-2100	Daily	KBS World Radio	French	9765	250	Africa
2130-2200	Mon-Fri	Voice of America	Bambara	9490	250	West Africa

Additional shortwave transmissions may be made on a one-off basis from Ascension Island.

Two articles about Ascension Island, [Ascension Island – An Island Radio Transmission Station](#) by Lisa Hagin (January 2019) and [Spotlight on Ascension Island](#) by Juliett Southern (February 2020) can both be found on the Encompass website.

Benin

Office de Radiodiffusion et Télévision du Bénin

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

Botswana

Radio Botswana

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

International relays on shortwave

USAGM Botswana Transmitting Station

The USAGM Botswana Transmitting Station at Moepeng Hill opened in 1991.

Transmitter site: Moepeng Hill, near Bobonong, a town in the Central District, 80 km from Selibe Phikwe town.

Time/UTC	Days	Station	Language	kHz	kW	Target area
0300-0400	Daily	Voice of America	English	4930	100	Southern Africa
				5925	100	Africa
				6080	100	Africa
0330-0430	Daily	Voice of America	Rwanda-Rundi	7460	100	East Africa
0400-0500	Mon-Fri	Voice of America	English	5925	100	Africa
0400-0500	Sat/Sun	Voice of America	English	4930	100	Africa
				5925	100	Africa
0430-0500	Mon-Fri	Voice of America	Rwanda-Rundi	7460	100	East Africa
0500-0530	Mon-Fri	Voice of America	Rwanda-Rundi	7460	100	East Africa
				11995	100	East Africa
0500-0600	Daily	Voice of America	English	4930	100	Africa
				15580	100	Africa
0530-0630	Mon-Fri	Voice of America	French	13830	100	Africa
0600-0700	Daily	Voice of America	English	6080	100	Africa
				15580	100	Africa
0700-0730	Daily	Voice of America	Hausa	17700	100	West Africa
0830-0900	Wed/Sat	Voice of America	French	13830	100	Africa
				17530	100	Africa
1100-1130	Sat	Voice of America	French	15730	100	Africa
1300-1400	Daily	Voice of America	Somali	15730	100	Horn of Africa
1400-1500	Daily	Voice of America	English	4930	100	Africa
				5940	100	Africa
				15580	100	Africa
				17530	100	Africa
1500-1600	Daily	Voice of America	English	4930	100	Africa
				5940	100	Africa
				15580	100	Africa
				17530	100	Africa
1600-1630	Daily	Voice of America	English	4930	100	Africa
				5940	100	Africa
				15580	100	Africa
1600-1700	Daily	Voice of America	Somali	15730	100	Horn of Africa
1630-1700	Mon-Fri	Voice of America	English	4930	100	Africa
				11910	100	Africa
1630-1700	Sat/Sun	Voice of America	English	4930	100	Africa
				15580	100	Africa
1630-1700	Daily	Voice of America	Swahili	15260	100	East Africa
1700-1730	Sat/Sun	Voice of America	English	15580	100	Africa
1700-1730	Daily	Studio 7	Shona	4930	100	Zimbabwe
				6045	100	Zimbabwe
1700-1800	Daily	Voice of America	Portuguese	12080	100	Southern Africa
1730-1800	Daily	Studio 7	Ndebele	4930	100	Zimbabwe
				6045	100	Zimbabwe
1730-1800	Daily	Voice of America	English	15580	100	Africa
1800-1830	Mon-Fri	Voice of America	Portuguese	12080	100	Africa
1800-1900	Daily	Voice of America	English	4930	100	Africa
				6080	100	Africa
				15580	100	Africa
				9490	100	Africa
1830-1930	Daily	Voice of America	French	9490	100	Africa
1900-2000	Daily	Voice of America	English	4930	100	Africa
				6080	100	Africa
				15580	100	Africa
1900-1930	Daily	Voice of America	French	9490	100	Africa
1930-2000	Mon-Fri	Voice of America	Rwanda-Rundi	11825	100	East Africa
2000-2030	Daily	Voice of America	French	9470	100	Africa
2000-2100	Daily	Voice of America	English	4930	100	Africa
				6195	100	Africa
				15580	100	Africa
				11900	100	Africa
2030-2100	Sat/Sun	Voice of America	French	11900	100	Africa
2100-2130	Mon-Fri	Voice of America	French	9470	100	Africa
2100-2200	Daily	Voice of America	English	6195	100	Africa
				15580	100	Africa
2130-2200	Mon-Fri	Voice of America	Bambara	9555	100	West Africa

Burkina Faso

Radiodiffusion Télévision du Burkina

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

Burundi

Radio-Télévision Nationale du Burundi

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

Target broadcasts to Burundi and Rwanda

The term Rwanda-Rundi is used throughout the guides to describe programmes in Kinyarwanda and Kirundi to Rwanda, Burundi and environs. Wikipedia says "Rwanda-Rundi is a group of Bantu languages, specifically a dialect continuum, spoken in Central Africa. Two dialects, Kirundi and Kinyarwanda, have been standardized as the national languages of Burundi and Rwanda respectively. These neighbouring dialects are mutually intelligible, but other dialects which are more distant ones may not be. The other dialects are spoken in the Democratic Republic of the Congo (Kinyabwisha in North Kivu, Kinyamulenge in South Kivu), Uganda (Rufumbira, spoken by the Bafumbira in Kisoro District), and Tanzania; Ha, with one million speakers, is the most widely spoken".

BBC Gahuza

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

Time/UTC	Days	Language	kHz	Transmitter site	kW
0500-0600	Sat	Rwanda-Rundi	17815	Santa Maria di Galeria, Vatican	250
			21660	Dhabbaya, UAE	250
0529-0600	Sun	Rwanda-Rundi	17815	Santa Maria di Galeria, Vatican	250
			21660	Dhabbaya, UAE	250
1630-1700	Mon-Fri	Rwanda-Rundi	13740	Dhabbaya, UAE	250
			17745	Talata Volonondry, Madagascar	125

Voice of America

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

Time/UTC	Days	Language	kHz	Transmitter site	kW
0330-0430	Daily	Rwanda-Rundi	6155	Pinheira, São Tomé	100
			7225	Pinheira, São Tomé	100
			7460	Moepeng Hill, Botswana	100
0430-0500	Mon-Fri	Rwanda-Rundi	7225	Pinheira, São Tomé	100
			7460	Moepeng Hill, Botswana	100
			11995	Umm al-Rimam, Kuwait	250
0500-0530	Mon-Fri	Rwanda-Rundi	7225	Pinheira, São Tomé	100
			7460	Moepeng Hill, Botswana	100
			11995	Moepeng Hill, Botswana	100
1400-1500	Sat/Sun	Rwanda-Rundi	15460	Pinheira, São Tomé	100
			17530	Pinheira, São Tomé	100
			17580	Pinheira, São Tomé	100
1600-1630	Daily	Rwanda-Rundi	13670	Pinheira, São Tomé	100
			15460	Pinheira, São Tomé	100
			17530	Pinheira, São Tomé	100
1830-1900	Mon-Fri	Rwanda-Rundi	11825	Dhabbaya, UAE	250
			17530	Ascension Island	250
1930-2000	Mon-Fri	Rwanda-Rundi	6045	Pinheira, São Tomé	100
			9470	Pinheira, São Tomé	100
			11825	Moepeng Hill, Botswana	100

TWR Africa

TWR Africa have a weekly programme in Kirundi to Burundi.

Time/UTC	Days	Language	kHz	Transmitter site	kW
1557-1657	Sun	Kirundi	13580	Mpangela Ranch, Eswatini	100

Cameroon

Cameroon Radio Television

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

Canary Islands

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

Cape Verde

Rádiatelevisão de Cabo Verde

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

Central African Republic

Radio Centrafrique

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

Radio Water for Good

Radio Water for Good (previously known as Radio IDCI and Radio Maingo) is a community radio station belonging to Water for Good (previously known as Integrated Community Development International), a Christian ministry founded by Jim Hocking in 2003. Radio Water for Good is located in Boali, Ombella-M'Poko and broadcasts in French, Sango, Bayaka and Fulfulde, communicating information for the prevention of AIDS and many other community development topics. Radio Water for Good has also relayed programmes from Radio Ndeke Luka in the past. Its current status on shortwave is not known. It had broadcast on 6030 kHz with a 1 kW transmitter but reports suggest that it is now off air.

Ceuta and Melilla

All broadcasting in Ceuta and Melilla, two Spanish autonomous cities in North Africa, is on mediumwave and FM.

Chad

Office National de Radio et Télévision du Tchad

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

Target broadcast to the Lake Chad Basin Region

Radio Ndarason Internationale

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

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0500-0600	Daily	Kanuri, Kanembu, Buduma and French	5960	Ascension Island	250
0600-0700	Daily	Kanuri, Kanembu, Buduma and French	15505	Woofferton, UK	250
0700-0800	Daily	Kanuri, Kanembu, Buduma and French	15505	Ascension Island	250
1800-1900	Daily	Kanuri, Kanembu, Buduma and French	12050	Ascension Island	250
1900-2100	Daily	Kanuri, Kanembu, Buduma and French	12050	Woofferton, UK	250



Comores

Office de Radio et Télévision des Comores

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

Democratic Republic of Congo

Radio-Télévision Nationale Congolaise

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

Radio Kahuzi (BESI)

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

Update. Dan Robinson posted the following to the World of Radio IO Group on 17 April 2024:

It's been several years since Radio Kahuzi, in the midst of reorganization in DRC, has been on shortwave. The latest newsletter from Radio Kahuzi contains indications that the long road to resuming on SW may be coming to an end. According to the newsletter:

"Our ministry in Bukavu, DR Congo continues daily with improved FM and SW reaching the local population with local news, and Christian programming from familiar voices our listeners have come to love over the past thirty-two years. Most Christian organizations and churches use Internet streaming to reach a larger audience and our future plan is to also stream Radio Kahuzi directly from Bukavu online. Our faithful and talented staff, Samuel, Gregoire, Feza and Danny continue day by day to share the precious Word of God in French, Swahili and many other dialects to Bukavu and beyond."

Unclear from this was whether RK is, in fact, already on the air on shortwave or if not - and there have been no reports of it being heard - when this might take place. So, I sent an email to RK asking for clarification and received the following response:

"Greetings in the Lord from Bradenton, Dan! Kathy and I are recuperated and working with our team to upgrade our systems including Short Wave, as the technical problems get worked out for good quality broadcasts. We are making changes to our SW antenna at present, and will keep you posted when the testing is ready to begin. We are also researching the How to ... of Podcasting as we work on it with our Blog type site <radiokahuzi.com> which is bringing in the Far East and other new interest!"

So, from this - RK is not back yet on shortwave but I think we can still have hope that we may be able to hear them again in coming months. Radio Kahuzi, which by the way was a superb verifier of reception reports, was last on the air on 6,210.20 kHz. That frequency was quite consistent and the station was heard on a daily basis via European SDR sites, in the hour or so before Kahuzi signed off somewhere in the 1815 to 1830 UTC range. The station was frequently mistaken by Europirate listeners as a pirate, and at times the Radio Kahuzi signal was so good that it scored S5 to S7 levels before sign off. (Dan Robinson, WOR IOG, 17 April 2024)

Republic of Congo

Télédiffusion du Congo - Radio Congo

Radio Congo is the government-controlled broadcasting service of the Republic of Congo. In August 2022, a new 50 kW shortwave transmitter was introduced..

Transmitter site: Brazzaville.

Times/UTC	Days	Languages	kHz	kW
0500v / 1830v	irregular	French and local languages	6115	50

Radio Congo on 6115 kHz continues to be erratic with transmissions ending at random times bringing things to an abrupt end either mid-sentence or mid-song. On some days in the past it has been heard well beyond its usual cut-off time of around 1830v.

Djibouti

Radiodiffusion Télévision de Djibouti

RTD is the state broadcasting service of Djibouti. Radio Djibouti currently operates on MW 1116 and 1539 kHz, and on FM. The shortwave transmitter has been inactive for many years; it was last operating on 4780 kHz.

Egypt

National Media Authority

The National Media Authority manages the State-owned media. It replaces the Egyptian Radio and Television Union (ERTU) established in 1954. The National Media Authority was created in 2014 after the Ministry of Information was abolished and with the proclamation of the new Egyptian Constitution, establishing independent bodies to manage state-owned media in a move to create a public service media sector.

Radio Cairo

Radio Cairo is the external service of Egyptian radio.

Transmitter site: Abis, near Alexandria, Nile Delta area (HFCC registrations for A24 show 100 or 125 kW).

Time/UTC	Days	Language	kHz	kW	Target area
1500-1600	Daily	Albanian	9410	125	Southern Europe
1700-1900	Daily	Turkish	9900	125	Turkey
1800-1900	Daily	Italian	9470	125	Southern Europe
1900-2000	Daily	German	9410	125	Eastern Europe
1900-2000	Daily	Russian	9890	125	Europe
2000-2115	Daily	French	9810	125	Western Europe
2115-2245	Daily	English	9440	125	Western Europe
2215-2330	Daily	Portuguese	9830	100	South America
2330-0045	Daily	Arabic	9885	125	South America
0045-0200	Daily	Spanish	9900	100	South America



As in previous years, the quality of Radio Cairo's broadcasts remain an issue with very poor modulation. Despite being informed of this problem by many listeners, no improvement appears to have been made on a lasting basis. Some transmissions can also be missing on some days.

Mystery Egyptian music station

Egyptian music station

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

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

Equatorial Guinea

Radio Nacional de Guinea Ecuatorial

Radio Nacional de Guinea Ecuatorial (RNGE) is the national broadcaster of Equatorial Guinea. Radio Bata is the RNGE station located on mainland Rio Muni. It's 50 kW shortwave transmitter has not been reported since 2021 on its usual frequency of 5005 kHz. Whilst it is inactive, the station has been dormant for lengthy periods of time in the past before suddenly reappearing again.

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). Having seemingly not been on air since 2011, the transmitter was last reported on 6250 kHz in July 2017, but it has not been reported since.

Eritrea

Voice of the Broad Masses of Eritrea (Dimtsi Hafash)

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

There are two shortwave transmitters of 100 kW each at Asmara-Selea Daro, which in the past have broadcast Programme 1 in Tigrinya, Tigre and Kunama on 7140 kHz (parallel to 950 kHz MW) and Programme 2 in Arabic, Afar, Amharic, Oromo, Saho, Bilen, Hedareb, Nara and Somali on 7180 kHz (parallel to 840 kHz MW). However, neither shortwave transmitter appears to have been reported since at least the early part of 2022. There have been long periods of inactivity before, so it is possible that they may be reactivated at any time.

Target broadcasts to Eritrea

Radio Erena - Radio Eritrea International

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

Time/UTC	Days	Language	kHz	Transmitter site	kW
1700-1800	Daily	Tigrinya & Arabic	9585	Gavar, Armenia	100

FnanApp Radio

FnanApp Infotech is a Dutch-based organisation providing news and information about Eritrea.

Time/UTC	Days	Language	kHz	Transmitter site	kW
1830-1900	Fri-Mon/Wed	Tigrinya	11680	Talata Volonondry, Madagascar	250

Radio ERISAT

ERISAT-Eritrean Satellite Television is registered as a 501(c) 3 not-for-profit organisation in California, USA. It was founded in October 2018 by "highly motivated Diaspora Eritreans" and is run by "a volunteer Board of Directors and Volunteer Eritrean staff around the world". Its vision is to become Eritrea's Public Broadcasting Service. It had been heard at 1800-1830 Friday-Monday and Wednesday in Tigrinya on 11680 kHz via Madagascar up until the end of the B23 season but appears not to have been registered for A24.

Eswatini

TWR Eswatini

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

Transmitter site: Mpangela Ranch is located near Mafutseni, a town in central Eswatini. It is located to the northeast of Manzini and Hhelehhele.

Time/UTC	Days	Language	kHz	kW	Target area
1420-1435	Sun	Lomwe	9585	100	Northern Mozambique
1420-1450	Sat	Makhuwa	9585	100	Northern Mozambique
1428-1443	Mon-Wed	Lomwe	9585	100	Northern Mozambique
1428-1443	Thu/Fri	Portuguese	9585	100	Northern Mozambique
1440-1457	Thu-Sun	Afar	15105	100	Horn of Africa
1453-1525	Mon-Fri	Malagasy	9585	100	Madagascar
1453-1525	Sat/Sun	French	9585	100	Madagascar
1500-1530	Daily	Somali	11880	100	Somalia
1530-1545	Sat/Sun	Somali	11880	100	Somalia
1530-1545	Mon-Fri	Arabic (Juba)	13580	100	South Sudan
1532-1621	Mon-Fri	Tigre	15105	100	Horn of Africa
1547-1621	Sat/Sun	Tigrinya/Kunama	15105	100	Horn of Africa
1557-1657	Sun	Kirundi	13580	100	Burundi
1630-1645	Tue	Shangaan	4760	50	Southern Mozambique
1630-1645	Sat	Portuguese	4760	50	Southern Mozambique
1630-1715	Mon-Fri	Amharic	11660	100	Ethiopia
1630-1645	Sat/Sun	Kambaata	11660	100	Ethiopia
1645-1700	Sat/Sun	Hadiyya	11660	100	Ethiopia
1700-1730	Sat/Sun	Oromo	11660	100	Ethiopia
1700-1730	Daily	Yao	6100	100	Malawi/Northern Mozambique
1715-1800	Mon-Fri	Oromo	11660	100	Horn of Africa
1730-1745	Sun	Sidama	11660	100	Horn of Africa
1730-1800	Mon-Fri	Oromo	11660	100	Ethiopia
1745-1800	Sat	Turkana	9380	100	East Africa
1802-1902	Mon-Fri	Sudanese Arabic	13800	100	Sudan
1802-1902	Sun	English	9500	100	East Africa
1820-1850	Mon-Fri	Umbundu	7410	100	Angola
1850-1905	Daily	Umbundu/Chokwe	7410	100	Angola
1905-1920	Wed/Thu	Luchazi/Luvale	7410	100	Angola
1905-1920	Fri/Sat	Fiote/Umbundu	7410	100	Angola
1905-1920	Sun/Tue	Portuguese	7410	100	Angola
1905-1935	Daily	Lingala	9940	100	DR Congo
1920-1935	Sun	Kuanyama	7410	100	Angola
1920-1950	Mon-Fri	Portuguese	7410	100	Angola
1920-2005	Sat	Portuguese	7410	100	Angola
1935-1950	Sat/Sun	French	9940	100	DR Congo
1935-2005	Mon-Fri	Lingala	9940	100	DR Congo
1935-2005	Sun	Portuguese	7410	100	Angola
1950-2005	Mon-Fri	Kimbundu	7410	100	Angola



Ethiopia

Ethiopian Broadcasting Corporation

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

Radio Ethiopia National Service

Since early September 2021, Radio Ethiopia was heard on shortwave 7110 kHz after an absence of several years. This frequency was one of three, along with 5990 and 9705 kHz, that used to broadcast the National Service across the country. One possible explanation for this reactivation was that it was intended for listeners in Tigray Region, where the government had been fighting the Tigray People's Liberation Front and was no longer in control of transmitters in Tigray. Although the war officially ended in late 2022 the shortwave transmitter remained on air but since October 2023 there have been no reports and it is assumed to be inactive again. It was on air at 0400-1000, 1300-1500 and 1600-1800.

Radio Oromiya

Radio Oromiya is operated by the Oromia Radio and Television Organisation (ORTO), the mass media organisation of the Oromia Regional State Government. The majority of broadcasts are in Oromo, one of the six official languages of Ethiopia, with some programmes in Amharic, Afar, Somali, Kiswahili, Arabic and English.

Transmitter site: Addis Ababa-Geja - 100 kW

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>
0255-2000	Daily	Oromo	6030

Amhara Regional State Radio

Amhara Regional State Radio is operated by the Amhara Mass Media Agency (AMMA), the media organisation of the Amhara Regional State Government. It serves the community with programmes in four Ethiopian languages (Amharic, Afanoromo, Awi, Himtana) and English. Its broadcasting operation is based in Bahir Dar, but it has 10 branches throughout the Amhara region and one branch in Addis Ababa. This station operates on 6090 kHz and had been off-air since 2022 but was apparently reported again in February 2024; the current status is subject to confirmation though and the frequency needs to be monitored.

Fana Broadcasting Corporate S.C.

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

Transmitter site: Addis Ababa-Geja - 100 kW

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>
0255-2100	Daily	Amharic, Oromo, Somali and Afar	6110

Opposition and other target broadcasts to Ethiopia

There are currently several broadcasts on shortwave that support opposition groups in Ethiopia, particularly those active in Oromia and Amhara. Some of these may be subject to noise jamming by the Ethiopian authorities.

Target broadcast to Ethiopia in general

TDF registration for PAB

A broadcast in presumed Amharic identifying itself as something like "Ye'Afrika Rediyo Ageligiloti" (which seems to translate to "African Radio Service") was initially heard on Sundays at 1630-1700 on 17815 kHz during the A23 season. The opening announcement made reference to "Bible Voice Broadcasting Radio American ..." (in English) and the programme content was clearly Christian. At that time there was no HFCC registration for this frequency, but for B23 and A24 there is a registration for TDF France at 1630-1700 on 17815 kHz with the abbreviation "PAB" alongside it (PAB presumably referring to Pan American Broadcasting). The language abbreviation is "AmhSgw", with "Amh" being Amharic and "Sqw" being Sebat Bet Gurage (Wikipedia says that Sebat Bet ("Seven Houses") is an Ethiopian Semitic language of the Afroasiatic language family spoken in Ethiopia). The format (Christian) would match that expected from a PAB produced/brokered programme. Further monitoring/investigation is needed to establish the true origin of the broadcast.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1630-1700	Sun	Amharic	17815	Issoundun, France	150

Target broadcasts to the Amhara Region

Amharic Radio International

There is an entry in HFCC A24 for "ARI" that has been registered by Radio Miami International at 1600-1630 on 17685 kHz, which would indicate a broadcast by Amharic Radio International.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>Transmitter site</i>	<i>kHz</i>	<i>kW</i>
1600-1630	Daily	Amharic	Issoudun, France	17685	250

Moresh Voice of Amhara International Radio

An entry for "Moresh" appears in the current Radio Miami International schedule for 15710 kHz (described as "A24 WRMI broadcasts via Télédiffusion de France in Issoudun, France"). There doesn't seem to be a corresponding registration with the HFCC for this frequency though, but there is one for 15410 kHz with the note "More-VOAh", so this must be the same station (at the time of editing neither frequency has yet been monitored).

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1600-1630	Sat	Amharic	15710	Issoudun, France	250

1888 Radio - A Voice for the Amhara People

A registration with the HFCC was made on 10 May 2023 by Radio Miami International (RMI) for 17630 kHz at 1700-1800 via Issoudun, France (250 kW at 127 degrees to CIRAF 48W). The notes column lists "1888 radio" and this would appear to be the name of the station: 1888 Radio - A Voice for the Amhara People. Their website at <https://1888radio.org/> which says "Welcome to 1888 radio, the radio station advocating for the Amhara people. Our mission is simple: to give the Amhara people a voice and promote our culture, history, and rights. Every community deserves to be heard and represented. We are committed to ensuring the Amhara people are not ignored or overlooked".

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1700-1800	Daily	Amharic	17630	Issoudun, France	250

Voice of Fano

As reported by Andre in Johannesburg on the WOR iog, a station was heard on 15215 kHz on 1 May 2024, which Mauno Ritola confirmed as "Voice of Fano" via Issoudun as per the "WRTH app".

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>Transmitter site</i>	<i>kHz</i>	<i>Note</i>
1700-1815	Wed/Sat	Amharic	Issoudun, France	15215	no entry in HFCC at time of editing

A very interesting video has been uploaded by Andre in South Africa to his "SWL" YouTube channel, with thanks to Mike Barraclough for posting details to the BDXC-UK iog. Andre comments:

Clandestine radio stations operate underground for various reasons. They often target countries with high degrees of censorship, are used by political movements or during times of conflict by opposing sides. But how do these stations operate, and why are they founded? You can find answers to these questions in this video, in my interview with a presenter and producer from Voice of Fano. There are a number of clandestine or underground stations targeting Ethiopia, because of the ongoing conflict situation between various ethnic groups there. I caught Voice of Fano on 15215 kHz some time ago. It is a rare station, only transmits twice a week. You can watch my first video here (Introduction and recording of station May 1st, 6 minutes 46): <https://www.youtube.com/watch?v=ercutbA3s8w>

I had the opportunity to interview one of the presenters and producers, who told me the story of the station, how it operates, how programming is produced, who listens to them and more. He also provided context about the current situation in Ethiopia and the conflict against the Amhara people. There is a genocide going on in Ethiopia and very few people pay any attention. This is a rare look behind the scenes of a clandestine radio station during this time of conflict. Voice of Fano can be heard on Wednesdays and Saturdays, from 17:00 to 18:15 UTC, on 15215 kHz. It transmits from Issoudun: <https://www.youtube.com/watch?v=fGvHSME7gGY>

Target broadcasts to the Oromia Region

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

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

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1600-1630	Mon/TueWed/Fri/Sat	Oromo	15425	Galbeni, Romania	300

Note: in the past this transmitter has been observed to move to an adjacent frequency at around 1505 UTC if its usual one (at present 15425 kHz) is jammed by the Ethiopian authorities (also been noted to change even if not jammed ...)

Radiyoonii Dirree Shaggar

An entry for "OromiaPM" appears in the current Radio Miami International schedule for 17575 kHz (described as "A24 WRMI broadcasts via Télédiffusion de France in Issoudun, France"). From the Oromiya Public Media website at oromiapublicmedia.com: "Raadiyoonii Dirree Shaggar (RDS) is a shortwave radio division of Oromiya Public Media (OPM). Under the umbrella of OPM, RDS is established for the sole purpose of educating, informing, and entertaining the Oromo people in Oromiya and beyond with no access to any media. RDS's parent organization, OPM is a 501-C registered organization under the laws and regulations of the The United States and governed by an independent board". Broadcasts are brokered by Radio Miami International.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1600-1630	Mon/Wed/Fri	Oromo	17575	Issoudun, France	250

Note: the language abbreviation used by both Radio Miami International and the HFCC registration is "Amh" - Amharic, but presumably the programmes would be in Oromo if produced by Oromiya Public Media?

Voice of Oromo Liberation - SBO

Voice of Oromo Liberation broadcasts in support of the Oromo Liberation Front, which seeks secession of Oromo state from Ethiopia. It was originally sponsored by Sudan but since 1992 has bought airtime on commercial transmitters. Broadcasts are brokered by MBR and the broadcast is listed in the MBR A24 schedule and the frequency (15420 kHz) is also registered with the HFCC.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1700-1730	Mon/Wed/Fri	Oromo	15420	Nauen, Germany	100

BBC, Deutsche Welle and Voice of America broadcasts to Ethiopia

BBC

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1730-1750	Mon-Fri	Amharic	9780	A'Seela, Oman	250
			15685	S Maria di Galeria, Vatican	250
1750-1810	Mon-Fri	Oromo	9780	A'Seela, Oman	250
			15685	SMG, Vatican City	250
1810-1830	Mon-Fri	Tigrinya	9780	A'Seela, Oman	250
			15685	SMG, Vatican City	250
1830-1850	Mon-Fri	Amharic	9780	A'Seela, Oman	250
			12095	SMG, Vatican City	250
1850-1910	Mon-Fri	Oromo	9780	A'Seela, Oman	250
			12095	SMG, Vatican City	250
1910-1930	Mon-Fri	Tigrinya	9780	A'Seela, Oman	250
			12095	SMG, Vatican City	250

Note: the last five minutes of the programmes in Amharic, Oromo and Tigrinya feature content produced by BBC Learning English.

Voice of America

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

Deutsche Welle

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1600-1700	Daily	Amharic	15275	Issoudun, France	500
			17800	Issoudun, France	500

Vatican Radio also broadcasts in Amharic, and several Christian broadcasters also have programmes in Amharic, Oromo and Tigrinya for listeners in Ethiopia

Gabon

Radio Télévision Gabonaise

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

Moyabi

The Moyabi Transmitting Station was inaugurated in 1979 and over the years hosted Africa No 1, the commercial service for French-speaking Africa operating from studios in Libreville, as well as relays of Radio France Internationale, Swiss Radio International and Radio Japan, and others. At the end of the B07 season, Radio Japan discontinued the last remaining relay by an international broadcaster, whilst Africa No 1 was last heard on 9580 kHz in May 2013. The transmitting station is no longer operational. Please see [The Moyabi Story](#) on the British DX Club website for further details about the history of this site.

The Gambia

Gambia Radio and Television Service

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

Ghana

Ghana Broadcasting Corporation

GBC is the public broadcasting service in Ghana. GBC was last reported on shortwave in 2007.

Guinea

Radio Télévision Guinéenne - Radio Guinée

Radio-Télévision Guinéenne (RTG) is the state broadcasting organistaion of Guinea. Radio Guinée operates on FM in Guinea and until recently on shortwave. Its shortwave transmission on 9650 kHz (Conakry-Sinfonia - 50 kW) was heard widely, but appears to have been off-air since July 2021.

Guinea-Bissau

Rádiodifusão Nacional da Guiné-Bissau

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

Ivory Coast

Rádiodiffusion Télévision Ivoirienne

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

Kenya

Kenya Broadcasting Corporation - Radio Taifa

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

Lesotho

Lesotho National Broadcasting Service

LNBS is the state broadcasting service in Lesotho. LNBS was last heard on shortwave in early 2004.

Liberia

Liberia Broadcasting System

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

Radio ELWA

Radio ELWA is a Christian radio station in Monrovia. It currently broadcasts on 94.5 FM and 6050 kHz. The ELWA website states "Our current schedule of roughly nineteen (19) hours of English broadcast per day and one and one-half hour of Liberian language broadcast in Grebo, Kru, Gola, Bassa, Kpelle, Kissi, Dan and Krahn is supported almost entirely by local funds".

Transmitter site: ELWA compound, Monrovia - 1 kW

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>
0600-1000	Daily	English/local languages	6050
1700-2230	Daily	English/local languages	6050

Libya

Libyan Radio and Television Corporation

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

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

Madagascar

Radio Madagasikara - Radio Nacional Malagasy

Radio Madagasikara - Radio Nacional Malagasy (RNM) is the state-run broadcasting service in Madagascar. RNM shortwave transmissions appear to have been less reliable in recent years and at the time of editing there appear to have been no reports of them on either 5010v or 6135 since mid-2021.

International relays on shortwave

World Christian Broadcasting - Madagascar World Voice

Madagascar World Voice is a shortwave radio station located in Mahajanga. The station began transmissions from Madagascar in 2016 and is operated by World Christian Broadcasting as a sister station of KNLS in Alaska (please see North America on Shortwave for the latest schedule for KNLS).

Transmitter site: Mahajanga, a city and an administrative district on the northwest coast of Madagascar. The city of Mahajanga is the capital of the Boeny Region. 2 x 100 kW transmitters.

Time/UTC	Language	Daily programme	Transmitter	kHz	Target area
0200-0400	Spanish	La Voz Alegre	WMV-2	6180	South America
0200-0400	English	Your New Life Station	WMV-3	13760	South Asia
0400-0500	English	African Pathways Radio	WMV-2	11825	North, West & Central Africa
0400-0500	Chinese	The Light of Life	WMV-3	17530	East Asia
1800-1900	Russian	Your New Life Station	WMV-2	9885	Russia
1800-1900	English	African Pathways Radio	WMV-3	13670	North, West & Central Africa
1900-2000	Russian	Your New Life Station	WMV-2	9845	Russia
1900-2000	Arabic	Radio Feda	WMV-3	13670	North Africa, Middle East
2000-2100	Arabic	Radio Feda	WMV-2	13710	North Africa, Middle East
2000-2100	English	African Pathways Radio	WMV-3	11965	North, West & Central Africa
2100-2200	Chinese	The Light of Life	WMV-2	11610	North Africa
2100-2300	Portuguese	Palavra Alegre	WMV-3	9765	South America
2200-2300	Arabic	Radio Feda	WMV-2	11610	North Africa

Note: The daily programme name stated above are subject to confirmation but are believed to match the language stated.

Madagascar Global Relay Station

Malagasy Global Business S.A. (MGLOB S.A) operates the Talata Volonondry shortwave station in Madagascar. The company was established in 2012 by the former staff of Radio Netherlands Worldwide which owned and managed the station for more than 40 years (the Radio Netherlands relay station in Madagascar went into full operation in mid-1972).

Transmitter site: Talata Volonondry, a rural commune in Analamanga Region, in the Central Highlands of Madagascar.

Time/UTC	Days	Station	Language	kHz	kW	Target area
0300-0400	Daily	AWR	Malagasy	6065	100	Madagascar
0330-0430	Daily	Radio Tamazuj	Sudanese languages	11650	250	Sudan
0400-0430	Mon-Fri	BBC	Somali	13810	250	Horn of Africa
0400-0500	Daily	BBC	English	12095	250	East Africa
0430-0500	Daily	Radio Dabanga	Sudanese languages	11650	250	South Sudan
0500-0600	Daily	AWR	Arabic	17790	125	North Africa/Middle East
0600-0630	Daily	AWR	French	17790	250	West Africa
0830-0950	1st Sun	Vatican Radio	Amharic	17790	250	Horn of Africa
1200-1230	Daily	BBC	French	25900	250	Central Africa
1200-1300	Daily	Radio France Int.	French	17660	250	Central Africa
1300-1315	Mon-Fri	TWR Asia	Hindi	17700	250	South Asia
1300-1315	Sat	TWR Asia	Bundeli	17700	250	South Asia
1300-1315	Sun	TWR Asia	Haryanvi	17700	250	South Asia
1300-1400	Daily	AWR	Vietnamese	17605	250	South-East Asia
1315-1330	Mon	TWR Asia	Awadhi	17700	250	South Asia
1315-1330	Tue/Thu	TWR Asia	Hindi	17700	250	South Asia
1315-1330	Wed	TWR Asia	Marwari	17700	250	South Asia
1315-1330	Fri	TWR Asia	English	17700	250	South Asia
1315-1330	Sun	TWR Asia	Braj Bhasha	17700	250	South Asia
1330-1400	Daily	AWR	Dawan	17725	125	South-East Asia
1400-1430	Daily	AWR	Sinhalese	17570	125	South Asia
1400-1500	Daily	AWR	Malagasy	6055	100	Madagascar
1430-1500	Daily	TWR Asia	Urdu	15440	250	South Asia
1500-1530	Daily	AWR	Mizo	15605	125	South Asia
1500-1600	Daily	Radio Tamazuj	Arabic + others	15550	250	South Sudan
1500-1600	Sun	BBC	Somali	17745	250	Horn of Africa
1530-1600	Daily	AWR	Malayalam	15605	125	South Asia
1600-1630	Sun-Fri	Vatican Radio	Swahili	13830	250	East Africa
1600-1615	Sat	Vatican Radio	Swahili	13830	250	East Africa

1600-1630	Daily	AWR	Marathi	17730	125	South Asia
1615-1630	Sat	Vatican Radio	Somali	13830	250	Horn of Africa
1630-1700	Daily	Vatican Radio	English	13830	250	Southern Africa
1630-1700	Mon-Fri	BBC	Kirundi	17745	125	East Africa
1700-1730	Daily	AWR	Swahili	17590	250	East Africa
1730-1800	Daily	Radio Dabanga	Arabic + others	11640	250	Sudan
1800-1830	Daily	BBC	French	13630	250	Central Africa
1830-1900	Fri-Mon/Wed	FnanApp Radio	Tigrinya	11680	250	Horn of Africa
1900-2000	Daily	AWR	Arabic	11880	125	North Africa/Middle East
2200-2300	Daily	AWR	Vietnamese	11875	250	South-East Asia

Malawi

Malawi Broadcasting Corporation - Radio 1

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

Mali

Office de Radio et Télévision du Mali - Radio Mali

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

Transmitter site: Bamako - 100 kW.

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

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

International relays on shortwave

China Radio International

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

Transmitter site: Bamako - 100 kW.

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>	<i>Target area</i>
1310-1400	Daily	French	13685	Central Africa, Indian Ocean Islands
			17880	Central Africa, Indian Ocean Islands
1400-1500	Daily	English	13685	Central & East Africa
			17630	North-East Africa
1500-1600	Daily	English	13685	Central & East Africa
			17630	North-East Africa
1600-1700	Daily	Arabic	15125	North-East Africa
			17880	North Africa
1700-1800	Daily	Swahili	13645	East Africa
			15125	East Africa
1800-1830	Daily	Hausa	11640	West Africa
			13645	West Africa
1830-1930	Daily	Arabic	11640	North-East Africa
			13685	North Africa
1930-2000	Daily	Portuguese	11640	South-East Africa
			13630	South-East Africa
2000-2100	Daily	English	11640	Central & East Africa
			13630	Central & East Africa
2100-2130	Daily	English	11640	Central & East Africa
			13630	Central & East Africa
2130-2230	Daily	French	11975	North Africa
			13630	Central Africa, Indian Ocean Islands

Target broadcast to Mali

Voice of America - Mali Kura (New Mali)

VOA's Bambara service to Mali produces a mix of news and interactive programming for radio and the Internet. VOA Bambara programming airs through local FM transmitters in the three main cities: Bamako, Gao, and Timbuktu. The service is a reliable source of news for millions of Malians. It is also one of the main sources of independent news in the country, especially its northern parts, which are largely controlled by Tuareg separatists and Islamist groups. The programme "Mali Kura" is also broadcast on shortwave. It is a daily current affairs programme. using phone and face-to-face interviews, stringer and Facebook Live reports, and covers the latest events in Mali as well as the Sahel region. Its in-depth reporting addresses some of the most complex issues in Mali and in the Sahel.

Time/UTC	Days	Language	kHz	Transmitter site	kW
2130-2200	Mon-Fri	Bambara	9490	Ascension Island	250
			9555	Moepeng Hill, Botswana	100
			11900	Santa Maria di Galeria, Vatican	250
			15120	Greenville NC, USA	250

Mauritania

Radio Mauritanie

Radio Mauritanie is the state-operated broadcasting service. It was last reported on shortwave (7245 kHz) in 2012.

Mauritius

Mauritius Broadcasting Corporation

MBC is the public broadcasting service in Mauritius. It now broadcasts on MW & FM only.

Mayotte

Mayotte Première

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

Morocco

SNRT Moroccan National Radio

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

Radio Méditerranée Internationale - Medi 1

Medi 1 is a private commercial radio network based in Tangiers that first went on air in 1980. It broadcasts throughout the Maghreb on longwave 171 kHz and programmes are in both Arabic and French. It discontinued shortwave broadcasts in 2017 (it had broadcast on 9575 kHz for many years).

Mozambique

Rádio Moçambique

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

Namibia

Namibian Broadcasting Corporation

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

Niger

Office de Radiodiffusion et Télévision du Niger

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

Nigeria

Voice of Nigeria

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

Voice of Nigeria has not been reported on shortwave since June 2023.

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

Frequencies: VON's long-established frequencies were 7255 (7254.9), 9690, 11770 (11769.9) and 15120 kHz.

No registrations are made with the HFCC.

The last time VON was heard with a continuous schedule it was on 7254.9v kHz at 0600-0700 in Hausa, 0700-0800 in Fulfulde, 0800-1000 in English, 1000-1030 in French, 1030-1045 in Yoruba and 1045-1100 in Igbo, and on 11769.9v kHz at 1500-1530 in Swahili, 1530-1600 in Arabic, 1600-1615 in Yoruba, 1615-1630 in Igbo, 1630-1900 in English, 1900-2000 in Fulfulde and 2000-2100 in Hausa.

VON also had a spell on 15120 kHz in DRM, with this seemingly last being reported in 2020. When fully operational, it had been on-air between 1500-2100 in various languages.

Target broadcast to Nigeria

Yoruba Nation Shortwave Radio

Yoruba Nation Shortwave Radio was brought to the attention of the DX community by Lucio Otavio Bobrowiec who posted the following Facebook message to the World of Radio IO Group on 5 August 2023: "On the 5th of August 2023, Yoruba Nation Shortwave Radio will start Broadcasting live. Share this page with Yoruba citizens both Home and Diaspora. Listen to us every, Saturday and Sunday from 20.00pm to 21.00pm Nigeria time on (Shortwave Radio) Frequency 17735 kHz SW. Also, listen to our online Radio 24/7". The inaugural broadcast was made on Saturday 5 August 2023 at 1900-2000 UTC on 17735 kHz

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1900-2000	Sat/Sun	Yoruba/English	17735	Woofferton, UK	250

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.

Rwanda

Radio Rwanda

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

Sahel

The Sahel spans 5,900 km (3,670 miles) from the Atlantic Ocean in the west to the Red Sea in the east, in a belt several hundred to a thousand kilometers (c. 600 miles) wide. It covers an area of 3,053,200 square kilometers (1,178,850 sq. miles) According to The Economist, in recent years the Sahel has become the epicenter of terrorist violence, contributing to 35% of all global deaths from terrorism by 2021, with Jama'at Nasr al-Islam wal Muslimin, an al-Qaeda-affiliated group, identified as the world's fastest-growing terrorist organisation. In the wake of the Libyan Crisis beginning in 2011, terrorist organisations operating in the Sahel, including Boko Haram, Islamic State and al-Qaeda in the Islamic Maghreb (AQIM), have greatly exacerbated the violence, extremism and instability of the region. In March 2020, the United States sent a special envoy for the Sahel region to combat the rising violence from terrorist groups. (Wikipedia)

International broadcasts to the Sahel on shortwave

Voice of America - Focus Sahel

"Focus Sahel" is a weekly 30-minute programme from the Voice of America in French which addresses different aspects linked to the security situation in the region (the archive of VOA Focus Sahel weekly programmes can be found at <https://www.voaafrique.com/z/7465>)

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
2100-2130	Tuesday (and repeated Saturday/Sunday)	French	9525	Pinheira, São Tomé	100
			11625	Pinheira, São Tomé	100

FOCUS SAHEL

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 when Cable and Wireless allowed their 1 kW SW transmitter to be used and the annual event took place until 1999. After a break of seven years, a new 1 kW SW transmitter and aerial mast was in place on St Helena thanks to a project run by Robert Kipp, and "Radio St Helena Day" once again became a highlight of the DX year. The last RSHD broadcast was on 14 November 2009.

São Tomé e Príncipe

Rádio Nacional de São Tomé e Príncipe

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

International relays on shortwave

USAGM São Tomé Transmitting Station

The USAGM São Tomé Transmitting Station at Pinheira was opened in 1992.

<i>Time/UTC</i>	<i>Days</i>	<i>Station</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Target Area</i>
0330-0430	Daily	Voice of America	Rwanda-Rundi	6155	100	East Africa
				7225	100	East Africa
0400-0500	Daily	Voice of America	English	6080	100	Africa
0500-0600	Daily	Voice of America	English	6080	100	Africa
0430-0530	Mon-Fri	Voice of America	Rwanda-Rundi	7225	100	East Africa
0530-0630	Mon-Fri	Voice of America	French	7265	100	Africa
0830-0900	Wed/Sat	Voice of America	French	11815	100	Africa
1100-1130	Sat	Voice of America	French	15280	100	Africa
1400-1500	Sat/Sun	Voice of America	Rwanda-Rundi	15460	100	East Africa
				17530	100	East Africa
				17580	100	East Africa
1500-1530	Daily	Voice of America	Hausa	11750	100	West Africa
1530-1600	Mon-Fri	Voice of America	Hausa	11750	100	West Africa
				13775	100	West Africa
1600-1630	Daily	Voice of America	Rwanda-Rundi	13670	100	East Africa
				15460	100	East Africa
				17530	100	East Africa
1630-1700	Sat/Sun	Voice of America	English	5940	100	Africa
1630-1700	Daily	Voice of America	Swahili	15460	100	East Africa
				17530	100	East Africa
1700-1730	Mon-Fri	Voice of America	Amharic	15660	100	Horn of Africa
1700-1800	Daily	Voice of America	English	5940	100	Africa
1700-1730	Daily	VOA Studio 7	Shona	15460	100	Zimbabwe
1730-1800	Daily	VOA Studio 7	Ndebele	15460	100	Zimbabwe
1730-1800	Mon-Fri	Voice of America	Oromo	12070	100	Horn of Africa
				15660	100	Horn of Africa
1800-1830	Mon-Fri	Voice of America	Portuguese	17655	100	Southern Africa
1800-1900	Mon-Fri	VOA Studio 7	Live Talk	6045	100	Zimbabwe
				15460	100	Zimbabwe
1830-1930	Daily	Voice of America	French	6180	100	East Africa
1900-1930	Daily	Voice of America	Tigrinya	15660	100	Horn of Africa
1930-2000	Mon-Fri	Voice of America	Rwanda-Rundi	6045	100	East Africa
				9470	100	East Africa
2000-2030	Daily	Voice of America	French	6045	100	Africa
				11900	100	Africa
2030-2100	Mon-Sat	Voice of America	Hausa	7325	100	West Africa
				9470	100	West Africa
				9490	100	West Africa
2030-2100	Sun	Voice of America	Hausa	7325	100	West Africa
				9470	100	West Africa
2030-2100	Sun	Voice of America	French	9490	100	Africa
2100-2130	Mon-Fri	Voice of America	French	11900	100	Africa
2100-2130	Tue	VOA Focus Sahel	French	9525	100	Sahel
				11625	100	Sahel
2100-2130	Sat/Sun	Voice of America	French	9525	100	Africa
				11625	100	Africa

Senegal

Radiodiffusion Télévision Sénégalaise

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

Seychelles

SBC Radio

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

Sierra Leone

Sierra Leone Broadcasting Corporation

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

Somalia

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

Warsan Radio

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

Transmitter site: Baydhabo, South West State - 0.01 kW..

<i>Time/UTC</i>	<i>Language</i>	<i>kHz</i>
0300-0600	Somali	7750 (upper sideband)
0900-1930v	Somali	7750 (upper sideband)

International broadcasts to Somalia

Radio ERGO

Radio Ergo is on air every day across Somalia and the Somali-speaking region with original humanitarian news and information in Somali. They provide Somali audiences with the critical information they require to make better informed choices on issues affecting their lives. Radio Ergo is run by international NGO, International Media Support (IMS).

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1200-1300	Daily	Somali	21595	Dhabbaya, UAE	250

BBC Somali

BBC Somali broadcasts to Somali speakers throughout East Africa on shortwave. Programmes consist of international and local news, current affairs, business, sport, culture and phone-in's.

Monday-Friday

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0400-0430	Mon-Fri	Somali	13810	Talata Volonondry, Madagascar	250
			17745	Dhabbaya, UAE	250
1400-1500	Mon-Fri	Somali	12095	A'Seela, Oman	250
			17745	Dhabbaya, UAE	250

Weekends

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1100-1400	Sat	Somali	17745	Dhabbaya, UAE	250
1100-1700	Sat/Sun	Somali	17745	Dhabbaya, UAE	250
1500-1600	Sun	Somali	17745	Talata Volonondry, Madagascar	250
1600-1800	Sun	Somali	17745	Dhabbaya, UAE	250
1700-1900	Sat/Sun	Somali	17745	A'Seela, Oman	250

BBC Somali broadcasts English Premier League football commentaries at weekends.

Voice of America Somali Service

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

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0330-0400	Daily	Somali	7260	Santa Maria di Galeria, Vatican	250
			13680	Umm al-Rimam, Kuwait	250
			15730	Udon Thani, Thailand	250
1030-1100	Daily	Somali	15730	Santa Maria di Galeria, Vatican	250
			17540	Dhabbaya, UAE	250
			17775	Santa Maria di Galeria, Vatican	250
1300-1400	Daily	Somali	15730	Moepeng Hill, Botswana	100
			17530	Santa Maria di Galeria, Vatican	250
1600-1700	Daily	Somali	12055	Udon Thani, Thailand	250
			15730	Moepeng Hill, Botswana	100
1700-1800	Daily	Somali	12055	Udon Thani, Thailand	250
			15730	Umm al-Rimam, Kuwait	250

Somaliland

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

Radio Hargeisa

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

South Africa

South African Broadcasting Corporation

The South African Broadcasting Corporation (SABC) is the public broadcaster in South Africa. Channel Africa is the international broadcasting service of the SABC. It discontinued its broadcasts on shortwave at the end of March 2019 and is now heard online only.

Meyerton Transmitting Station

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

South Sudan

South Sudan Radio

There is no shortwave broadcasting in South Sudan. The South Sudan government operates a loosely coordinated network of local radio stations across the country under the umbrella of South Sudan Radio. These stations are on FM.

Target broadcasts to South Sudan

Radio Tamazuj

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

<i>Time/UTC</i>	<i>Days</i>	<i>Languages</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
0315-0430	Daily	Arabic/Sudanese languages	7315	Santa Maria di Galeria, Vatican	250
			11650	Talata Volonondry, Madagascar	250
1445-1600	Daily	Arabic/Sudanese languages	17555	Talata Volonondry, Madagascar	250
			21485	Issoudun, France	250

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. It is a 30-minute programme about South Sudan and the region in general.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1630-1700	Mon-Fri	English	11910	Moepeng Hill, Botswana	100
			13590	Dhabbaya, UAE	250
			15660	Lampertheim, Germany	100

Sudan

Sudan Radio and Television Corporation

SRTC Sudan Radio is the state-controlled broadcasting service in Sudan. It is believed that broadcasts from Omdurman are currently off air due to the on-going civil war in the country.

In mid-March 2024 it was reported by Radio Dabanga that the Sudanese Armed Forces had seized control of the SRTC buildings in old Omdurman from the Rapid Support Forces and it was hopeful that the SRTC archives could be saved.

Sudan Radio / Voice of Africa on shortwave

The General Programme from Sudan Radio was aired on shortwave throughout the day, except for an evening period when the transmitter was switched to carry the Voice of Africa external service. The transmitter at Al-Aitahab, Omdurman, was on air between 0300-2100 but has not been reported on either 7205 or 9505 kHz since early 2022.

Target broadcasts to Sudan

Radio Dabanga

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

Time/UTC	Days	Languages	kHz	Transmitter site	kW
0430-0500	Daily	Arabic/Sudanese languages	7315	Santa Maria di Galeria, Vatican	250
			11650	Talata Volonondry, Madagascar	250
1600-1700	Daily	Arabic/Sudanese languages	15550	Santa Maria di Galeria, Vatican	250
			17555	Issoudun, France	250
1700-1730	Daily	Arabic/Sudanese languages	11640	Santa Maria di Galeria, Vatican	250
			15550	Issoudun, France	250
1730-1800	Daily	Arabic/Sudanese languages	11640	Talata Volonondry, Madagascar	250
			15550	Talata Volonondry, Madagascar	250

TWR - Hope for Sudan

TWR's Hope for Sudan project is a Monday to Friday broadcast consisting of a collection of programmes that includes Women of Hope, The Way of Righteousness, Talmatha, The Prophets, Power in Persecution and more.

Time/UTC	Days	Language	kHz	Transmitter site	kW
1802-1902	Mon-Fri	Sudanese Arabic	13800	Manzini, Eswatini	100

Deutsche Welle for Sudan

Deutsche Welle commenced broadcasts in Arabic to Sudan on 19 June 2023.

Time/UTC	Days	Language	kHz	Transmitter site	kW
1215-1300	Wednesday	Arabic	15275	Issoudun, France	250
			17800	Issoudun, France	250
1830-1915	Wednesday	Arabic	15275	Nauen, Germany	250
			17840	Nauen, Germany	250

Alhurra TV (Middle East Broadcasting Networks)

Alhurra TV is a U.S. government-funded TV station broadcasting in the Arab world since March 2002. The station is a service of the Middle East Broadcasting Networks, Inc., which also operates Radio Sawa and is publicly funded by the U.S. Agency for Global Media and the U.S. Congress. The word "alhurra" means "the free one" in Arabic.

Alhurra documentaries in Arabic on 15445: As was the case for B23, there is an entry in the HFCC A24 registrations on 15445 kHz for a USAGM transmission from Kuwait (250 kW) at 1600-1700 and broadcast to CIRAF zones 47 and 48, which indicates Sudan. Strangely, the language code shown is "Cmn", which is Chinese. However, monitoring of the broadcast shows that it is actually in Arabic and appears to match the Alhurra and Radio Sawa-Sudan live streams. The daily programme content seems to consist of a five minute news bulletin, always followed by a documentary, rather than rolling news and reports that would seem to be more appropriate for Sudan, and the only mentions made during the hour are for "Alhurra", no ID's have been heard for "Radio Sawa".

Time/UTC	Service	Language	kHz	Transmitter site	kW	Target area
1600-1700	Alhurra TV audio	Arabic	15445	Umm al-Rimam, Kuwait	250	Central & North-East Africa



Tanzania

Tanzania Broadcasting Corporation - TBC Taifa

TBC is the state broadcaster in Tanzania. There is no longer any shortwave broadcasting in Tanzania.

Togo

Radiodiffusion-Télévision Togolaise

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

Tristan da Cunha

Atlantic FM

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

Tunisia

Radio Tunis - National Channel

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

Uganda

Uganda Broadcasting Corporation

UBC Radio is the public broadcaster of Uganda. All mediumwave and shortwave transmissions have been discontinued.

Western Sahara

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

National Radio of the Sahrawi Arab Democratic Republic

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

Zambia

Zambia National Broadcasting Corporation - Radio 1

ZNBC is the state-controlled broadcasting service of Zambia. It had broadcast on shortwave 5915 kHz (Lusaka 100 kW) in National languages and English but has been absent since August 2022.

International broadcasting on shortwave

Voice of Hope - Africa

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

Transmitter site: Makeni Ranch, 35 km outside Lusaka - 2 x 100 kW.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Target area</i>
1400-1600	Daily	English	9680	Central & Southern Africa
1600-2100	Daily	English	4965	Central & Southern Africa

The programme schedule effective 1 March 2024 can be found on the [Voice of Hope website](#)

Zanzibar

Zanzibar Broadcasting Corporation

ZBC is the public broadcasting station of Zanzibar. It broadcasts on mediumwave and FM, as well on shortwave for East Africa (mornings) and the Arabian Peninsula (evenings). The shortwave transmitter is located at Dole. However, neither the morning transmission (0250-0600 on 6015 kHz) or the evening transmission (1500-2100 on 11735 kHz) appear to have been reported since October 2021.

Zimbabwe

Zimbabwe Broadcasting Corporation

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

Target broadcasts to Zimbabwe

Voice of America - Studio 7

Studio 7 aims to provide extensive and comprehensive coverage of political, economic and social developments in Zimbabwe. It broadcasts in Shona and Ndebele with each language programme running for 30 minutes. In addition, Studio 7 airs Livetalk, a 60-minute call-in Radio-on-TV (simulcast) talk show, Monday through Friday.

<i>Time/UTC</i>	<i>Days</i>	<i>Lang/Prgr</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1700-1730	Daily	Shona	4930	Moepeng Hill, Botswana	100
			6045	Moepeng Hill, Botswana	100
			15460	Pinheira, São Tomé	100
1730-1800	Daily	Ndebele	4930	Moepeng Hill, Botswana	100
			6045	Moepeng Hill, Botswana	100
			15460	Pinheira, São Tomé	100
1800-1900	Mon-Fri	Live Talk	6045	Pinheira, São Tomé	100
			15460	Pinheira, São Tomé	100

