

British DX Club

**Guide to
External Services
of the World
on Mediumwave**



**includes schedules and information,
and a frequency order list of external services**

January 2021

British DX Club

Guide to

External Services of the World on Mediumwave

Contents updated: 12 January 2021

- 2 Introduction
- 3-29 External services on mediumwave by continent and country:
 - 3-7 Europe
 - 8-12 Africa
 - 13-17 Middle East, East Mediterranean and the Caucasus
 - 17-27 Asia
 - 27-29 Americas
- 30-34 External services on mediumwave in frequency order

Introduction

This is a guide to external services broadcasting on mediumwave in Europe, Africa, the Middle East, Caucasus, Asia and the Americas. It is compiled with the intention of highlighting some of the more interesting services and programmes for the DXer and mediumwave listener.

Many external services originate from high-power transmitters and offer a good opportunity to hear and identify more distant stations on mediumwave, especially as the use of clear ID's and familiar interval signal tunes often makes it easier to pick them out on a crowded channel.

This guide will be regularly updated and more will be added in future. If you have any corrections, additions, comments or suggestions that will help improve things, then they are more than welcome. There may be some unintentional errors that have crept in whilst compiling this first edition, so any help in getting these put right would also be greatly appreciated. Please send details to Tony Rogers by email at tony@bdxc.org.uk.



Europe

Bosnia and Hercegovina

Radio Free Europe/Radio Liberty - Balkan Service

RFE/RL's Balkan Service in Bosnian is relayed by Radio 1503 Zavidovići, a partner of RFE/RL, daily at 0000, 0800, 1500, 1800 and 2200 local time, according to the RFE/RL website.

Transmitter site: Zavidovići, Bosnia and Hercegovina (zav) - 1 kW.

Time/UTC	Days	Language	kHz
0700-0800	Daily	Bosnian	1503-zav
1400-1430	Daily	Bosnian	1503-zav
1700-1730	Daily	Bosnian	1503-zav
2100-2200	Daily	Bosnian	1503-zav
2300-0000	Daily	Bosnian	1503-zav

Czech Republic

ČRo 1 Plus

Český rozhlas (ČRo) is the public radio broadcaster of the Czech Republic. ČRo 1 Plus is the spoken word channel and as part of its schedule it has two short news bulletins in English from Radio Prague.

Transmitter sites: České Budejovice, Czech Rep (cbu) - 5 kW, Ostrava-Svinov, Czech Rep (ost) - 5 kW.

Time/UTC	Days	Language	kHz
2134-2139	Mon-Fri	English	1071-cbu, 1071-ost
0005-0010	Daily	English	1071-cbu, 1071-ost

Estonia

Radio Eli

Radio Eli operates from a transmitter owned by Tartu Pereraadio. Programmes are produced by Tartuiskoye Semeinoye Radio.

Transmitter site: Tartu, Estonia (ttu) - 100 kW.

Time/UTC	Days	Station	Language	kHz
0300-0700	Daily	Family Radio Eli	Russian	1035-ttu
1500-2200	Daily	Family Radio Eli	Russian	1035-ttu

Trans World Radio (Trans Mir Radio in Russian) ceased broadcasting on 1035 kHz from Taru on 31 December 2019 following the closure of its St Petersburg office. There is now a slight increase in output on 999 kHz via Grigoriopol (Moldova - PMR). For 18 years, Family Radio Eli has been broadcasting on 1035 kHz around the clock but costs are high, about 10,000 Euro for broadcast licences and 50,000 Euro for transmission costs. There will be a loss of about a third of income with TWR ceasing to hire the frequency. Financial support will be needed to enable Family Radio Eli to continue broadcasting. (Vasily Gulyaev and Dmotry Kutuzov, RusDX)

Finland

Scandinavian Weekend Radio

Scandinavian Weekend Radio (SWR) transmitter site is located in the Virrat city, Upper Tampere Region, Liedempohja village. The station broadcasts mainly on the first Saturday of every month for 24 hours on shortwave, mediumwave and FM starting 0001 local time, UTC +2h (Summer +3h).

Transmitter site: Virrat, Pirkanmaa, Finland (vir) - 0.4 kW.

Days/Time/UTC	Language	kHz
Fri 2200 - Sat 2200	Finnish/English	1602-vir

Parallel shortwave frequencies:

2100-0900	6170 11690 kHz
0900-1300	6170 11720 kHz
1300-1600	5980 11720 kHz
1600-2100	6170 11720 kHz



Next on air date: 5-6 February 2021

France

TWR Europe and CAMENA

TWR Europe and CAMENA (a regional abbreviation for outreaches to Central Asia, Middle East, and North Africa) is a division of TWR International.

Transmitter site: Roumoules, France (rou) - 1000 kW

Frequency: 1467 kHz

Transmission times: 2045(2115sa/2145su)-2300 UTC.

Daily programme schedule

Time/UTC	Days	Language	Programme
2045-2115	Mon-Fri	Polish	Thru the Bible
2115-2145	Mon-Fri	Kabyle	Thru the Bible
2115-2145	Sat	Kabyle	Women of Hope
2145-2200	Daily	Arabic	Dardasha 7 - Arab Youth Radio
2200-2215	Thu	Arabic	Hope for Today
2200-2215	Sun	Arabic	Discipleship Essentials
2200-2230	Mon-Wed	Arabic	Talmatha
2215-2230	Thu	Arabic	Lutheren Hour
2215-2230	Fri	Arabic	Ala's Diary
2215-2230	Sun	Arabic	The Way of Righteousness
2230-2245	Sat/Sun	Arabic	Message of Grace & Truth
2230-2300	Mon-Fri	Arabic	Thru the Bible
2245-2300	Sun	Arabic	Praise of My Lips
2245-2300	Sat	Arabic	The Prophets

Italy

Challenger Radio

Challenger Radio relays IRRS Milan as below

Transmitter site: Villa Estense PD, Italy (pad) - 10 kW for IRRS relays

Time/UTC	Days	Language	kHz
1800-2100	Fri-Sun	English	594-pad
2100-2200	Mon-Thu	English	594-pad

Lithuania

Radio Baltic Waves International

A mediumwave transmitter is leased by Radio Baltic Waves International from Lietuvos Radiojo ir Televisijos Centras (LRTC), Lithuania's national transmitter network operator, for transmissions to neighbouring countries. RBWI markets air time on 1386 kHz from Viešintos for foreign broadcasters.

Transmitter site: Viešintos (75 kW)

Time/UTC	Days	Service	Language	kHz
0330-0400	Daily	NHK World Radio Japan	Russian	1386-vst
0400-0500	Daily	Radio Poland	Belarusian	1386-vst
0500-0530	Daily	Radio Poland	Ukrainian	1386-vst
1300-1400	Daily	Radio Poland	English	1386-vst
1530-1600	Daily	Radio Poland	Polish	1386-vst
1600-1630	Daily	Radio Poland	Russian	1386-vst
1630-1700	Daily	Radio Poland	German	1386-vst
1730-1800	Daily	NHK World Radio Japan	Russian	1386-vst
1800-2100	Daily	RFE/RL Radio Svoboda	Russian	1386-vst



Moldova

Radio Free Europe programmes on Radio Moldova

The main channel of Radio Moldova has the following programmes from Radio Free Europe (RFE/RL) in its schedule:

Transmitter sites: Chişinău (chi) - 50 kW; Cahul (cah) - 20 kW; Edineţ (edi) - 20 kW.

Time/UTC	Days	Language	kHz
1825-1855	Sat/Sun	Romanian	873-chi 1494-cah 1494-edi
1915-1945	Mon	Russian	873-chi 1494-cah 1494-edi
2030-2100	Mon	Romanian	873-chi 1494-cah 1494-edi
2130-2200	Sat	Russian	873-chi 1494-cah 1494-edi

Pridnestrovian Moldavian Republic

The self-proclaimed Pridnestrovian Moldavian Republic is an unrecognised state which controls part of the geographical region of Transnistria (the area between the Dniester river and Ukraine) and also the city of Bender and its surrounding localities on the west bank. This area was part of the former Moldavian SSR, and since the dissolution of the USSR has been claimed by the Republic of Moldova as the Administrative-Territorial Units of the Left Bank of the Dniester. The region is considered by the UN to be part of Moldova.

Relays via the Pridnestrovskiy Radioteletsentr, Grigoriopol

Pridnestrovskiy Radioteletsentr operates mediumwave transmitters for use by external broadcasting organisations.

TWR Europe relay on 999 kHz

Transmitter site: Grigoriopol, PMR (kch) - 150 kW.

Transmission times: 1830-2000 UTC

Daily programme schedule

Time/UTC	Days	Language	Programme
1830-1845	Sat	Ukrainian	The Little Spring
1830-1845	Sun	Ukrainian	The Little Path
1830-1900	Mon-Fri	Ukrainian	Studying the Bible Together
1845-1900	Sun	Russian	900 Seconds of Kindness
1845-1915	Sat	Ukrainian	Man and Eternity
1900-1915	Tue	Russian	Biblical Statement
1900-1930	Thu	Ukrainian	Kaleidoscope
1900-1915	Mon	Russian	Treasure Seekers
1900-1915	Fri	Ukrainian	The Other View
1900-1930	Wed	Russian	Beacon of Hope
1900-1930	Sun	Ukrainian	Women of Hope
1915-1945	Mon	Russian	Still Waters
1915-1945	Tue	Russian	Bread of Life
1915-1945	Fri	Ukrainian	Persecution
1915-1945	Sat	Russian	Life As It Is
1930-1945	Thu	Russian	Siberian programs on Tartu
1930-1945	Wed	Russian	Silver Age
1930-2000	Sun	Russian	Insight for Living
1945-2000	Mon	Belarusian	Voice of a Friend
1945-2000	Tue	Russian	Roma Camp Moves On
1945-2000	Wed	Russian	Shulamite
1945-2000	Thu	Russian	The Word Today
1945-2000	Fri	Russian	Champions Arise
1945-2000	Sat	Russian	Shalom

TWR Europe relay on 1548 kHz

Transmitter site: Grigoriopol, Pridnestrovian Moldovan Republic (500 kW)

Transmission times: 1930-2130 UTC

Daily programme schedule

Time/UTC	Days	Language	Programme
1930-1945	Mon/Thu	Romani Balkan	Women of Hope
1930-1945	Tue	Romani Balkan	Family Life Roma
1930-1945	Wed	Romani Balkan	Word of God Roma
1930-1945	Fri	Romani Balkan	The Word Today
1930-1945	Sat	Bulgarian	The Word Today
1930-1945	Sun	Romani Balkan	Voice of God
1945-2015	Mon-Fri	Romani Vlach	Thru the Bible
1945-2015	Sat	Romanian	A Child's Heart
1945-2015	Sun	Romanian	Sunday
2015-2030	Mon	Hungarian	Ifjúsági es irodalmi műsor
2015-2030	Tue	Hungarian	Cigányműsor
2015-2030	Wed	Hungarian	Növekedjétek az ismeretben
2015-2030	Thu	Hungarian	Családbarát
2015-2030	Fri	Hungarian	Kincseink
2015-2040	Sat	Hungarian	Lelkiposta és Gyümölcskosár
2015-2040	Sun	Hungarian	Lelekepito
2030-2100	Mon-Fri	Hungarian	Thru the Bible
2040-2055	Sun	Bosnian	The Word Today
2040-2110	Sat	Bosnian	Treasures of Wisdom
2055-2110	Sun	Montenegrin	The Word Today

2110-2130	Sat	Serbian	Messages of Reconciliation
2110-2130	Sun	Serbian	The Word Today
2100-2130	Mon-Fri	Serbian	Thru the Bible

Vesti FM relay via Grigoriopol on 1413 kHz

Vesti FM is a news radio service belonging to the All-Russia State Television and Radio Broadcasting Company.

Transmitter site: Grigoriopol, PMR (kch) - 500 kW.

Time/UTC Days Language

24 hours Daily Russian

North Macedonia

Radio Makedonija - MRT Sat

Radio Makedonija is the International Service of Makedonska Radio Televizija (MRT), the public broadcasting organisation of the Republic of North Macedonia. It broadcasts on 810 kHz during the evening to neighbouring countries in the Balkans and South-East Europe. Programming in Macedonian is from MRT Sat, the MRT satellite service that broadcasts to the Macedonian diaspora across the world. MRT Sat programming is taken from MRT-1. At all other times on 810 kHz, regularly scheduled programmes of MRT-1 are broadcast.

Transmitter site: Sveti Nikole, Skopje (sko) - 100 kW.

Time/UTC	Days	Language	kHz
1830-1900	Mon-Fri	Music	810-sko
1830-0400	Sat	Macedonian	810-sko
1900-1930	Mon-Fri	Bulgarian	810-sko
1930-2000	Mon-Fri	Greek	810-sko
2000-2030	Mon-Fri	Albanian	810-sko
2030-2100	Mon-Fri	Serbian	810-sko
2100-0400	Mon-Fri	Macedonian	810-sko

Norway

LKB/LLK Bergen Kringkaster

LKB/LLK Bergen Kringkaster is a museum/heritage radio station at Erdal that is operated by a group of enthusiasts. It operates for listeners in Northern Europe. The site was formerly operated by the Norwegian Broadcasting Corporation.

Transmitter site: Erdal, Norway (erd) - 1 kW (run at 0.7 kW) on 1314 kHz and 2 kW (run at 0.3 kW) on 1611 kHz.

Time/UTC	Days	Station	Language	kHz
0420-2310	Daily	Radio Northern Star	Norwegian/English	1611-erd
0855-1600	Daily	LKB/LLK Bergen Kringkaster	Norwegian/English	1314-erd
1600-2310	Daily	The Ferry	Norwegian/English	1314-erd

Note: both 1314 and 1611 kHz also carry programmes from the Voice of the Gospel.



Poland

Radio Poland

Radio Poland is the official international broadcasting station of Poland. Radio Poland is a part of Poland's public radio network, Polish Radio. Radio Poland hires airtime on RBW for its programmes in Belarusian and Russian.

Transmitter site: Viešintos, Lithuania (vst) - 75 kW

Time/UTC	Days	Language	kHz
0400-0500	Daily	Belarusian	1386-vst
0500-0530	Daily	Ukrainian	1386-vst
1300-1400	Daily	English	1386-vst
1530-1600	Daily	Polish	1386-vst
1600-1630	Daily	Russian	1386-vst
1630-1700	Daily	German	1386-vst

Belarusian news bulletins on the First Programme of Polish Radio

Since 22 August 2020, Polish Radio broadcasts special news bulletins in Belarusian, dedicated to the situation in Belarus. They are carried on the First Programme of Polish Radio on the longwave transmitter at Solec-Kujawski on 225 kHz which can be heard throughout most of Europe including the whole of Belarus. The Belarusian language news bulletin is aired in the programme "Polska i Świat" ("Poland and the World").

Transmitter site: Solec Kujawski, Poland (sol) - 1200 kW (700 kW at night)

Time/UTC	Days	Language	kHz
0440-0443	Daily	Belarusian	225-sol
1010-1013	Sun	Belarusian	225-sol
1020-1023	Mon-Sat	Belarusian	225-sol
2005-2008	Sun	Belarusian	225-sol
2020-2023	Mon-Sat	Belarusian	225-sol

Russia

Vesti FM

Vesti FM is a news radio service belonging to the All-Russia State Television and Radio Broadcasting Company. As well as extensive coverage of Russia on FM, it is also relayed on mediumwave 1413 kHz from Grigoriopol for listeners in Ukraine. See entry for Moldova for details.

Ukraine

Krym.Realii

Krym.Realii is a division of RFE/RL's Ukrainian Service that delivers radio, TV, and online news to people living in Crimea, the Ukrainian peninsula annexed by Russia in March 2014.

Transmitter site: Chonhar, Ukraine - 25 kW.

Time/UTC	Days	Languages	kHz	Note
24 hours	Daily	Russian and Ukrainian	648	includes relay of Radio Liberty (RFE/RL) in Russian at 0100-0200



United Kingdom

BBC World Service

BBC World Service is broadcast overnight on BBC Radio 4's 198 kHz, as well as on BBC Radio Wales.

UK MW transmitter site: Droitwich, UK (dro) - 500 kW

BBC WS on 198 kHz for listeners in Europe

Time/UTC	Days	Language	kHz
0100-0520	Daily	English	198-dro (and also on BBC Radio Wales on 882 kHz)

Also see entries for BBC overseas relays from Cyprus, Oman and Tajikistan.



Africa

Angola

Radio Nacional de Angola - International Service

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

Transmitter site: Luanda-Mulenvos, Angola (mul) - 25 kW.

Days (UTC)	Time/UTC	Language	kHz
Monday-Saturday	2000-2100	Lingala	945-mul
	2100-2200	French	945-mul
	2200-2300	English	945-mul
	2300-0000	Portuguese	945-mul
Sunday	2100-2200	Lingala	945-mul
	2200-2300	French	945-mul
	2300-0000	English	945-mul
Monday	0000-0100	Portuguese	945-mul



Benin

TWR West Africa Transmitter Station (WATS)

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

TWR Africa on 1476 kHz

Transmitter site: Parakou, Benin (par) - 200 kW.

Transmission times

Monday-Friday 0320-0550 UTC

Sunday: 0430-0515 UTC

Daily 1726-1930 UTC

No Saturday morning transmission

Morning programme schedule

Time/UTC	Days	Language	Programme
0320-0335	Tue	Hausa	The Way of Righteousness
0320-0335	Wed	Hausa	The Prophets
0320-0350	Mon/Thu	Hausa	Hausa programmes
0320-0350	Fri	Hausa	In Touch
0335-0350	Tue	Hausa	Hope for Today
0335-0350	Wed	Hausa	Lifeword
0350-0420	Mon-Fri	Hausa	Thru the Bible
0420-0425	Mon-Fri	Hausa	Hope for the Hopeless
0425-0430	Mon-Fri	Hausa	Music
0430-0445	Mon-Fri	Igbo	Dorothy's Daily Devotional
0430-0445	Sun	Igbo	Lifeword
0445-0515	Mon-Fri	Igbo	Thru the Bible
0445-0515	Sun	English	Transform Your City
0515-0520	Mon-Fri	Igbo	Hope for the Hopeless
0520-0550	Mon-Fri	Igbo	Turning Point

Evening programme schedule

Time/UTC	Days	Language	Programme
1726-1730	Daily	English	Music
1730-1745	Mon-Fri	English	The Way of Truth
1730-1745	Sat	English	The Word Today
1730-1745	Sun	English	The Way of Righteousness
1745-1750	Mon-Fri	English	Dorothy's Daily Devotionals

1745-1750	Sat/Sun	English	Reaching Your World
1750-1820	Mon-Fri	English	Music
1750-1820	Sat	Igbo	Christ to the World
1750-1820	Sun	English	Music
1820-1825	Daily	Yoruba	Music
1825-1840	Sat	Yoruba	Lifeword
1825-1900	Mon-Fri	Yoruba	Thru the Bible
1825-1900	Sun	Yoruba	Yoruba programmes
1840-1900	Sat	Yoruba	Music
1900-1915	Mon-Fri	Kanuri	Salvation & Evangelism
1900-1915	Sat/Sun	Kanuri	One Story
1915-1930	Mon	Fulfulde	The Word Today
1915-1930	Tue	Fulfulde	The Way of Righteousness
1915-1930	Wed/Thu	Fulfulde	News of New Life
1915-1930	Fri	Fulfulde	One Story
1915-1930	Sat	Fulfulde	Salvation & Evangelism
1915-1930	Sun	Fulfulde	Salvation & Evangelism

Note: start and end times may vary slightly to those listed above.

TWR Africa on 1566 kHz

Transmitter site: Parakou, Benin (par) - 100 kW.

Transmission times

Monday-Friday: 0430-0505 UTC

Saturday/Sunday: 0430-0520 UTC

Daily: 1855-2215 UTC

Morning programme schedule

Time/UTC	Days	Language	Programme
0430-0500	Mon-Fri	Twi	Thru the Bible
0430-0445	Sat	Kotokoli	Batir Fondemont Solide
0430-0445	Sun	Twi	Lifeword
0445-0500	Sat	Ewe	Lifeword
0445-0500	Sun	Kotokoli	The Way of Righteousness
0500-0505	Sat/Sun	Songhai	Hope for the Hopeless
0500-0505	Mon/Tue	Twi	Hope for the Hopeless
0500-0505	Wed/Thu/Fri	Moore	Hope for the Hopeless
0505-0520	Sat	Songhai	Lifeword
0505-0520	Sun	Moore	Lifeword

Evening programme schedule

Time/UTC	Days	Language	Programme
1855-1910	Mon-Thu	French	Dorothy's Daily Devotionals
1855-1910	Sat	Bambara	The Word Today
1855-1910	Sun	Lupka	SIM programme
1855-1925	Fri	Fongbe	Christ to the World
1910-1925	Sun-Thu	Fongbe	Mighty God
1910-1925	Sat	Jula	The Word Today
1925-1940	Sat	Bambara	Music
1925-1940	Sun	Dendi	The Word Today
1925-1955	Mon-Fri	Fongbe	Thru the Bible
1940-1955	Sat	Bambara	The Prophets
1940-1955	Sun	Baatonum	The Word Today
1955-2010	Fri	Zarma	The Prophets
1955-2010	Mon	Dendi	SIM programme
1955-2010	Sat	Ditamhari	SIM programme
1955-2010	Sun	Bambara	The Word Today
1955-2010	Thu	Baatonum	SIM programme
1955-2010	Tue	Moore	Lifeword
1955-2010	Wed	Fongbe	SIM programme
2010-2015	Sat	Fongbe	Hope for the Hopeless
2010-2025	Sun	French	The Prophets
2010-2040	Mon-Fri	Baoule	Thru the Bible
2015-2040	Sat	French	Music
2025-2040	Sun	French	Music
2040-2045	Sat	Mina	Healthy Life Series
2040-2045	Sun	French	Healthy Life Series
2040-2055	Mon-Fri	French	Dorothy's Daily Devotionals
2045-2100	Sat	French	Witness at the Water

2045-2100	Sun	Bambara	The Way of Righteousness
2055-2100	Fri	French	Hope for the Hopeless
2055-2100	Mon	Bambara	Hope for the Hopeless
2055-2100	Tue-Thu	French	Audio Books
2100-2115	Sat	Tamasheq	The Way of Righteousness
2100-2130	Mon-Fri	French	Thru the Bible
2100-2130	Sun	Bambara	Bonson Kisili
2115-2130	Sat	Tamasheq	Stories of the Holy Book
2130-2100	Wed	French	Dr Luke
2130-2145	Fri	French	Christ to the World
2130-2145	Mon	Bete, Guiberoua	The Word Today
2130-2145	Tue	Goun	The Word Today
2130-2200	Sat	French	Women of Hope
2130-2200	Sun	Bambara	Christ to the World
2130-2200	Thu	French	Christ to the World
2145-2200	Fri	French	The Word Today
2145-2200	Mon	Baoule	The Word Today
2145-2200	Tue	Senoufo, Nyarafolo	The Word Today
2145-2200	Wed	French	Lifeword
2200-2005	Tue	Baoule	Hope for the Hopeless
2200-2215	Fri	French	The Way of Righteousness
2200-2215	Mon	Senoufo, Nyarafolo	The Prophets
2200-2215	Sat	French	L'heure du Nazareen
2200-2215	Sun	French	Esperence Aujord'hui
2200-2215	Wed/Thu	French	Radio Bible
2205-2215	Tue	French	Audio Books / Music

Botswana

USAGM Botswana Transmitting Station

The USAGM Botswana Transmitting Station at Moepeng Hill was opened in 1991 and broadcasts to southern Africa.

Transmitter site: Moepeng Hill, Botswana (bot) - 600 kW.

Time/UTC	Days	Service	Language	kHz
0300-0400	Daily	Voice of America	English	909-bot
0400-0430	Mon-Fri	Studio 7	Shona	909-bot
0430-0500	Mon-Fri	Studio 7	Ndebele	909-bot
0400-0500	Sat/Sun	Voice of America	English	909-bot
0500-0700	Daily	Voice of America	English	909-bot
1600-1700	Daily	Voice of America	English	909-bot
1700-1730	Daily	Studio 7	Shona	909-bot
1730-1800	Daily	Studio 7	Ndebele	909-bot
1800-1900	Mon-Fri	Studio 7 "Live Call"	English, Shona and Ndebele	909-bot
1800-1900	Sat/Sun	Voice of America	English	909-bot
1900-2000	Daily	Voice of America	English	909-bot
2000-2100	Daily	Voice of America	English	909-bot

Djibouti

USAGM Djibouti Transmitting Station

The USAGM Djibouti Transmitting Station was opened in 2005. It currently relays Voice of America programmes.

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

Times/UTC	Days	Language	Programme	kHz
1530-1600	Daily	English	Learning English	1431-dji
1600-1700	Daily	English	VOA News, followed by Nightline Africa	1431-dji
1700-1800	Daily	Somali	News and features	1431-dji
1800-1830	Daily	English	VOA News, followed by Nightline Africa	1431-dji
1830-2030	Daily	French	News and features	1431-dji
2030-2100	Mon-Fri	English	South Sudan in Focus	1431-dji
2030-2100	Sat/Sun	French	Learning English	1431-dji
2100-2130	Mon-Fri	French	News, followed by Learning English	1431-dji
2100-2130	Sat/Sun	English	VOA Music Mix	1431-dji
2130-0330	Daily	English	VOA News	1431-dji

Egypt

Radio Cairo

Radio Cairo is the external service of Egyptian radio. Whilst it is currently inactive on shortwave, Radio Cairo's Hebrew service is believed to be broadcast on mediumwave at present for listeners in Israel. At other times programming in Arabic is aired on this transmitter.

Transmitter Site: El Arish, Egypt (ela) - 100 kW.

Time/UTC	Days	Language	kHz
1500-2200	Daily	Hebrew	1008-ela

Voice of the Arabs

Voice of the Arabs was founded in 1953 and was once the most influential broadcast medium in the Middle East and North Africa. Although not an external service, it can be heard across a large part of the Arab World.

Transmitter Site: Batra, Egypt (bat) - 1000 kW.

Time/UTC	Days	Language	kHz
24 hours	Daily	Arabic	621-bat

Mauritius

BBC World Service relay

BBC World Service has a 24 hours relay on the island of Mauritius.

Transmitter site: Bigara, Mauritius (big) - 2 kW.

Times/UTC	Days	Language	kHz
24 hours	Daily	English	1575-big

São Tomé e Príncipe

USAGM São Tomé Transmitting Station

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

Transmitter site: Pinheira, São Tomé (sao) - 600 kW.

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

Swaziland (eSwatini)

TWR Africa

The 100 kW transmitter at Mpangela Ranch, Swaziland, on 1170 kHz is owned and operated by TWR Africa and used exclusively for TWR's evening broadcasts in English, Zulu and Shona to Southern Africa.

Transmitter site: Mpangela Range, Manzini, Swaziland (man) - 100 kW.

Transmission times: 1800(1745sa)-2200 UTC

Daily programme schedule

Time/UTC	Days	Language	Programme
1745-1800	Sat	Shona	Catch Them Young
1800-1815	Mon/Wed/Fri	English	Power Walk Ministries
1800-1815	Tue	English	Tools for Wise Leadership
1800-1815	Thu	English	Building a Man
1800-1815	Sat	English	Search for Truth
1800-1830	Sun	English	Bishop Bell
1815-1817	Mon-Sat	English	Reaching Your World
1817-1820	Mon-Sat	English	Music
1820-1825	Mon-Sat	English	Expectant Faith
1825-1830	Mon-Sat	English	Fresh Devotional
1830-1900	Mon-Fri	English	Thru the Bible
1830-1900	Sat	English	Leading the Way
1830-1900	Sun	English	Peace with God

1900-1929	Mon-Fri	English	Insight for Living
1900-1915	Sun	English	Words of Hope
1900-1930	Sat	English	The Alternative
1915-1929	Sun	English	Radio Bible
1929-1930	Mon-Fri	English	Making Your Life Count
1929-1930	Sun	English	Reaching Your World
1930-1045	Tue	English	The Way of Truth
1930-1945	Thu	English	Hope Has Name
1930-1945	Fri	English	Hope for Today
1930-1945	Sun	English	Keys to Successful Living
1930-2000	Mon	English	Wisdom for the Heart
1930-2000	Wed	English	Let My People Think
1930-2000	Sat	English	Christ to the World
1945-2000	Tue/Sun	English	Christ to the World
1945-2000	Thu	English	Serving Today
1945-2000	Fri	English	The Word Today
2000-2015	Mon-Fri	English	Running to Win
2000-2015	Sat	English	Tools for Wise Leadership
2000-2015	Sun	English	The Way of Righteousness
2015-2045	Sun	Zulu	Sakha Indoda
2015-2030	Mon-Fri	Zulu	Turning Point
2015-2045	Sat	Zulu	Phambili
2030-2045	Sun	Zulu	Champions Arise
2045-2115	Mon-Fri	Zulu	Thru the Bible
2045-2115	Sat	Zulu	Women of Hope
2045-2115	Sun	Zulu	In Touch
2115-2145	Mon-Fri	Shona	Thru the Bible
2115-2145	Sat	Shona	Rumutsurudzo
2115-2130	Sun	Ndau	Mukanhi Kwaedza
2130-2145	Sun	Shona	Hupenyu Hunofashukira
2145-2200	Daily	Shona	Radio Bible Project

Tunisia

Radio Tunis Chaîne Internationale

Radio Tunis Chaîne Internationale (RTCI) is a national radio station in Tunisia, headquartered in the capital city, Tunis. It broadcasts 963 kHz as well as on 92.0 and 98.2 FM in Tunis and is also available on satellite and online. The station broadcasts mainly in French, but also in English, Spanish, Italian and German.

Transmitter site: Tunis, Tunisia (tun) - 100 kW.

Time/UTC	Days	Language	kHz
0500-1303	Daily	French	963-tun
1303-1330	Daily	English	963-tun
1330-1400	Daily	Italian	963-tun
1400-1903	Daily	French	963-tun
1903-1930	Daily	Spanish	963-tun
1930-2000	Daily	German	963-tun
2000-0100	Daily	French	963-tun

Western Sahara

National Radio of the Sahrawi Arab Democratic Republic

National Radio of the SADR is operated by the Polisario Front in support of independence for Western Sahara. It broadcasts from Rabouni, the administrative centre of the Sahrawi refugee camps, close to the Algerian town of Tindouf, near the border with Western Sahara

Transmitter site: Rabouni, Algeria (rab) - 50 kW.

Time/UTC	Days	Language	kHz
0700-1300	irregular	Arabic/Hassaniyya	1550-rab
1700-2300	Daily	Arabic/Hassaniyya	1550-rab



Middle East, East Mediterranean and the Caucasus

Armenia

International Public Radio of Armenia

International Public Radio of Armenia is the foreign service of Armenian Radio. It broadcasts on mediumwave 1314 kHz from a transmitter operated by Radio CJSC.

Transmitter site: Gavar, near Noratus, Gegharkunik (gav) - 1000 kW.

Time/UTC	Days	Language	kHz	Notes
1600-1630	Daily	Kurdish-Kurmanji	1395	
1630-1645	Daily	Kurdish-Yezidi	1395	
1645-1700	Daily	Persian	1395	
1700-1715	Daily	Turkish	1395	
1715-1730	Daily	Talysh	1395	prgr produced by Voice of Free Talyshistan - see Azerbaijan entry
1730-1745	Daily	Azeri	1395	

TWR relays via Gavar

Trans World Radio (TWR) is a multi-national evangelical Christian media distributor. The largest Christian media organisation in the world, it currently uses four mediumwave frequencies in Armenia to reach the Middle and Near East, Caucasus, and Central Asia. The transmitters on 864, 1350 and 1377 kHz are operated by Radio AR Intercontinental.

Transmission times

Time/UTC	Days	kHz	Target
1655-1755	Daily	864	Central Asia
1800-1830 and 1930-2200	Daily	1350	Middle East
1800-2000	Daily	1377	Iran

TWR on 864 kHz

Transmitter site: Gavar, near Noratus, Gegharkunik (gav) - 1000 kW.

Daily programme schedule

Time/UTC	Days	Language	Programme
1655-1710	Mon	Kazakh	Springs of Living Water
1655-1710	Tue	Kazakh	Spiritual Filled Life
1655-1710	Wed	Kazakh	Women of Hope
1655-1710	Thu	Kazakh	The Word Today
1655-1710	Fri	Kazakh	The Christian Home
1655-1710	Sat	Kazakh	Christian Youth
1655-1710	Sun	Kazakh	Living Word
1710-1725	Mon	Turkmen	The Way of Righteousness
1710-1725	Tue	Turkmen	The Christian Home
1710-1725	Wed	Turkmen	Springs of Living Water
1710-1725	Thu	Turkmen	Christian Youth
1710-1725	Fri	Turkmen	Women of Hope
1710-1725	Sat	Turkmen	Power in Persecution
1710-1725	Sun	Turkmen	The Word Today
1725-1740	Sat/Sun	Karakalpak	Radio Bible Project
1725-1755	Mon-Fri	Russian	Thru the Bible
1740-1755	Sat	Karakalpak	Springs of Living Water
1740-1755	Sun	Karakalpak	Women of Hope

TWR on 1350 kHz

Transmitter site: Gavar, near Noratus, Gegharkunik (gav) - 1000 kW.

Time/UTC	Days	Language	Programme
1800-1830	Mon-Fri	Turkish	Thru the Bible
1800-1830	Sat	Turkish	Women of Hope
1800-1830	Sun	Turkish	The Way of Righteousness
1930-1945	Daily	Arabic	Dardasha 7 - Arab Youth Radio
1945-2000	Mon-Fri	Arabic	Running to Win
1945-2000	Sat	Arabic (Egyptian)	The Way Companion
1945-2000	Sun	Arabic (Iraqi)	The Way
2000-2015	Mon	Arabic (Egyptian)	Words from the Heart
2000-2015	Tue	Arabic (Sudanese)	Song of Hope
2000-2015	Wed	Arabic (Jordanian)	Power in Persecution
2000-2015	Thu-Sun	Arabic	Radio Bible Project
2015-2045	Sun-Wed	Arabic	Talmatha

2030-2045	Thu	Arabic (Egyptian)	How Are You?
2015-2045	Fri	Arabic (Egyptian)	Christ to the World
2015-2030	Sat	Arabic	The Word Today
2030-2045	Sat	Arabic (Egyptian)	Healing Touches
2045-2100	Mon	Arabic (Lebanese/Syrian)	Youth in Mind
2045-2100	Tue	Arabic (Jordanian)	Ala's Diary
2045-2100	Wed/Sat	Arabic (Lebanese/Syrian)	Hope for Syria
2045-2100	Thu/Fri	Arabic	The Way of Righteousness
2045-2100	Sun	Arabic (Egyptian)	Takee
2100-2130	Mon-Fri	Arabic	Thru the Bible
2100-2115	Sat/Sun	Arabic	The Prophets
2115-2130	Thu	Arabic	Our Life With God
2115-2130	Sun	Arabic (Egyptian)	Hope for Today
2115-2145	Sat	Arabic	Women of Hope
2130-2145	Mon-Fri	Arabic	Word of Truth
2130-2145	Sun	Arabic	Praise of My Lips
2145-2150	Daily	Arabic	Arabic CCIM Audio Book
2150-2155	Mon-Fri	Arabic	A Word With You
2150-2155	Sat/Sun	Arabic	Music and songs
2155-2200	Daily	Arabic	Your Daily Blog

TWR programmes on 1377 kHz

Transmitter site: Gavar, near Noratus, Gegharkunik (gav) - 1000 kW.

Time/UTC	Days	Language	Programme
1800-1815	Daily	Sorani Kurdish	Programmes in Sorani Kurdish (produced by ERF Germany)
1815-1830	Sat-Wed	Persian	Radio Bible Project
1815-1830	Thu	Gilaki	Programme in Gilaki
1815-1830	Fri	Qashqa'i	Jesus Film Radio Project
1830-1845	Sat	Persian	Persian Oral Bible
1830-1900	Mon-Fri	Persian	Thru the Bible
1830-1900	Sun	Persian	Women of Hope
1845-1900	Sat	Persian	The Word Today
1900-1930	Sat-Wed	Persian	Discipleship on the Air
1900-1930	Thu	Persian	Women of Hope
1900-1930	Fri	Persian	In Touch
1930-1945	Thu	Persian	New Life Women
1930-2000	Mon/Fri	Persian	Radio Voice of Christ
1930-2000	Tue/Wed	Persian	Leading the Way
1930-2000	Sat/Sun	Persian	Way of Life
1945-2000	Thu	Persian	Persian Oral Bible

Thanks to Rumén Pankov for his TWR observations that are sent regularly to the British DX Club.

Azerbaijan

Target broadcast to Azerbaijan

Voice of Free Talyshistan

Voice of Free Talyshistan is mentioned in WRTH 2020 as a programme produced by the Yerevan-based NGO "Modus Videndi Center". It is listed as being broadcast daily via Gavar, Armenia, on mediumwave 1395 kHz.

Transmitter site: Gavar, Armenia (erv) - 1000 kW.

Times/UTC	Days	Language	kHz
1715-1730	Daily	Talysh	1395-erv

Cyprus

BBC East Mediterranean Relay Station

The BBC East Mediterranean Relay Station is used for mediumwave broadcasts in Arabic to North Africa and the Middle East. Shortwave relays were discontinued at the end of March 2013.

Transmitter site: Zakaki, Lady's Mile, Akrotiri Sovereign Base Area (zak) - 2 x 500 kW.

Times/UTC	Days	Language	kHz
0300-0700	Daily	Arabic	639-zak 720-zak
1700-2100	Daily	Arabic	720-zak
1800-2100	Daily	Arabic	639-zak

Iran

IRIB World Service

IRIB World Service (also known as Pars Today) is the international broadcasting service of Islamic Republic of Iran Broadcasting. It uses several mediumwave transmitters in Iran for external broadcasts to listeners in the region.

Transmitter sites:

Bandar-e Mahshahr, Khuzestan Province (bdm) - 750 kW on 576 kHz; 600 kW on 1080 kHz

Bandar-e Torkaman, Golestan Province (bdt) - 400 kW on 1449 kHz

Bonab, East Azarbaijan Province (bnb) - 400 kW on 639 kHz

Chabahar, Sistan and Baluchestan Province (chr) - 1000 kW on 765 kHz

Gorgan, Golestan Province (grg) - 50 kW on 1386 kHz

Jolfa, East Azarbaijan Province (jol) - 50 kW on 1323 kHz

Kiashahr, Gilan Province (kia) - 500 kW on 702 kHz

Kish Island, Hormozgān Province (kih) - 300 kW on 1224 kHz

Qasr-e Shirin, Kermanshah Province (qsh) - 600 kW on 612 kHz & 1161 kHz

Tayebad, Razavi Khorasan Province (tyb) - 400 kW on 720 kHz

Zabol, Sistan and Baluchestan Province (zab) - 200 kW on 1098 kHz

Time/UTC	Days	Language	For listeners in	kHz
0050-0220	Daily	Tajik	West Asia	720-tyb
0120-0130	Daily	Arabic	Middle East	1080-bdm 1224-kih
0130-0220	Daily	Urdu	South Asia	765-chr 1098-zab
0130-0230	Daily	Arabic	Middle East	1080-bdm 1161-qsh 1224-kih
0220-0230	Daily	Urdu	West Asia	1098-zab
0230-0330	Daily	Arabic	Middle East	765-chr 1080-bdm 1161-qsh 1224-kih
0300-0630	Daily	Dari	West Asia	720-tyb 1098-zab
0320-0520	Daily	Azeri	Caucasus	702-kia 1323-jol
0330-0400	Daily	Arabic	Middle East	576-bdm 765-chr 1080-bdm 1161-qsh 1224-kih
0400-0420	Daily	Arabic	Middle East	576-bdm 765-chr 1161-qsh 1224-kih
0420-0430	Daily	Kurdish	Middle East	639-bnb
0420-0520	Daily	Arabic	Middle East	576-bdm 765-chr 1224-kih
0430-0520	Daily	Kurdish	Middle East	612-qsh 639-bnb
0520-0900	Daily	Arabic	Middle East	576-bdm 612-qsh 765-chr 1224-kih
0530-0930	Daily	Azeri	Caucasus	702-kia
0630-0820	Daily	Dari	West Asia	720-tyb
0720-0820	Daily	Pashto	West Asia	1098-zab
0820-1450	Daily	Dari	West Asia	720-tyb 1098-zab
0900-1200	Daily	Arabic	Middle East	576-bdm 612-qsh 765-chr
1200-1250	Daily	Arabic	Middle East	576-bdm 612-qsh 765-chr 1224-kih
1250-1320	Daily	Pashto	West Asia	765-chr
1250-1620	Daily	Arabic	Middle East	576-bdm 612-qsh 1224-kih
1320-1420	Daily	Russian	Caucasus	1449-bnt
1320-1420	Daily	Urdu	West Asia	765-chr
1320-1620	Daily	Kurdish	Middle East	639-bnb
1420-1650	Daily	Azeri	Caucasus	702-kia 1323-jol
1420-1820	Daily	Turkmen	Central Asia	1395-grg 1449-bdt
1450-1500	Daily	Dari	West Asia	720-tyb 1098-zab
1520-1620	Daily	Urdu	West Asia	765-chr
1550-1720	Daily	Tajik	West Asia	720-tyb 1098-zab
1620-1630	Daily	Arabic	Middle East	576-bdm 612-qsh 1161-qsh 1224-kih
1630-1700	Daily	Arabic	Middle East	765-chr 1080-bdm 1161-qsh 1224-kih
1700-1930	Daily	Arabic	Middle East	765-chr 1080-bdm 1161-qsh 1224-kih
1720-1820	Daily	Talysh	Caucasus	702-kia
1820-1920	Daily	Turkish	Middle East	639-bnb 702-kia
1920-2020	Daily	Russian	Caucasus	702-kia
1930-2000	Daily	Arabic	Middle East	1224-kih
2000-2030	Daily	Arabic	Middle East	1080-bdm 1224-kih
2030-0120	Daily	Arabic	Middle East	765-chr 1080-bdm 1224-kih

Voice of Palestine, Voice of the Islamic Palestinian Revolution

This is a programme in Arabic that originates from Iran in support of Palestinian groups.

Times/UTC Days Language kHz

1930-2030 Daily Arabic 765-chr 1080-bdm 1161-qsh 1224-kih

Israel

Voice of Hope - Middle East

Voice of Hope - Middle East broadcasts Christian programmes in Arabic and English around the clock "from the shore of the Sea of Galilee to listeners in Israel, Syria, Lebanon, Jordan, and Cyprus". The station was formally inaugurated during an on-air ceremony which was held on 29 March 2017.

Transmitter site: She'ar Yashuv, Upper Galilee (she) - 60 kW.

Time/UTC	Days	Language	kHz
24 hours	Daily	Arabic (except for English 1900-2100 UTC on Fridays)	1287-she - currently off-air

Note: The Strategic Communication Group Newsletter for March 2020 states the following: "Special Need: As I write to you we are currently off the air in Israel due to our ability to pay our electricity and engineering costs. We hope to resume our 24/7 broadcasts by April 1st as funds are available. Please help us if you can". In the July newsletter, they state "We must pay our quarterly studio rent in Israel. We are also are behind on our electricity and engineering costs and need to get caught up".

Kuwait

USAGM Kuwait "George A Moore Jr" Transmitting Station

Operated by the USAGM for Radio Sawa broadcasts to Iraq and the Gulf.

Transmitter site: USAGM Kuwait "George A Moore Jr" Transmitting Station, Umm al-Rimam, Kuwait - 600 kW on 1548 kHz and 150 kW on 1593 kHz.

Times/UTC	Days	Station	Language	Target	kHz
24 hours	Daily	Radio Sawa	Arabic	Mashreq countries	1548-kwt
24 hours	Daily	Radio Sawa	Arabic	Iraq	1593-kwt

Oman

BBC Eastern Relay Station

The BBC Eastern Relay Station at A'Seela is owned by the BBC and operated by Babcock Media Services. The transmitter on 702 kHz is used for evening transmissions in Arabic to the Middle East, whilst the transmitter on 1413 kHz broadcasts to West and South Asia.

Relay on 702 kHz for listeners in the Middle East

Transmitter site: A'Seela, Oman (sla) - 800 kW.

Time/UTC	Days	Language	For listeners in	kHz
1500-2100	Daily	Arabic	Middle East	702-sla

Relay on 1413 kHz for listeners in Northern India, Pakistan, Afghanistan and the Middle East, Gulf States.

Transmitter site: A'Seela, Oman (sla) - 800 kW.

Times/UTC	Days	Station	Language	Target	kHz
0030-0100	Daily	BBC	Dari	Afghanistan	1413-sla
0100-0230	Daily	BBC	English	Northern India, Pakistan, Afghanistan	1413-sla
0330-0430	Daily	BBC	Persian	Middle East, Gulf States	1413-sla
1300-1800	Daily	BBC	English	Northern India, Pakistan, Afghanistan	1413-sla
1800-1900	Daily	BBC	Pashto	Afghanistan, Pakistan	1413-sla
1900-2100	Daily	BBC	English	Middle East, Gulf States	1413-sla

Syria

Syrian Foreign Radio (Radio Damascus)

Radio Damascus is part of the state-run Syrian Radio and Television network.

Transmitter site: Tartus, Syria (tts) - 300 kW.

Time/UTC	Days	Language	kHz
0430-0530	Daily	Hebrew	783-tts
0530-0600	Daily	Russian	783-tts
0600-0700	Daily	French	783-tts

Alnour Radio

Alnour Radio is a pro-Hezbollah radio station based in Beirut, Lebanon. It broadcasts on FM within Lebanon and is also relayed via a mediumwave transmitter belonging to Syrian Radio at Tartus.

Transmitter site: Tartus, Syria (tts) - 100 kW.

Time/UTC	Days	Language	kHz
24 hours	Daily	Arabic	1071-tts

United Arab Emirates

Sawt Al Jomhouria (Voice of the Republic)

Sawt Al Jomhouria (Voice of the Republic) broadcasts in support of pro Saudi/Arab coalition forces in Yemen. Online sources say that the station was set up by Yemeni "National Resistance Forces - Republic's Guards" in "Al Hudayda" region and started transmissions on 5 June 2018 on 104.1 MHz (Rawad Hamdi, WRTN FB, 26 October 2018)

Transmitter site: Dhabbaya, Abu Dhabi (dha) - 800 kW.

Times/UTC	Days	Language	kHz
1400v-0300v	Daily	Arabic	1170-dha

Asia

Afghanistan

VOA and RFE/RL relays via Pol-e Charkhi

Two 400 kW MW transmitters were installed at Pol-e Charkhi in 2003, one for the national broadcaster Radio Afghanistan on 1107 kHz and the other for relays of Radio Ashna and Radio Azadi in Pashto and Dari on 1296 kHz. Radio Ashna is the name used by the Voice of America for their Pashto and Dari services for Afghanistan, whilst Radio Azadi is the Afghan service of Radio Free Europe/Radio Liberty.

Transmitter site: Pol-e Charkhi, Kabul, Afghanistan (kab) - 400 kW.

Time/UTC	Days	Station	Language	kHz
0030-0100	Daily	VOA Radio Ashna	Pashto	1296-kab
0100-0130	Daily	VOA Radio Ashna	Dari	1296-kab
0130-0200	Daily	VOA Radio Ashna	Pashto	1296-kab
0200-0230	Daily	VOA Radio Ashna	Dari	1296-kab
0230-0300	Daily	RFE/RL Radio Azadi	Pashto	1296-kab
0300-0330	Daily	RFE/RL Radio Azadi	Dari	1296-kab
0330-0430	Daily	RFE/RL Radio Azadi	Pashto	1296-kab
0430-0530	Daily	RFE/RL Radio Azadi	Dari	1296-kab
0530-0630	Daily	RFE/RL Radio Azadi	Pashto	1296-kab
0630-0730	Daily	RFE/RL Radio Azadi	Dari	1296-kab
0730-0830	Daily	RFE/RL Radio Azadi	Pashto	1296-kab
0830-0930	Daily	RFE/RL Radio Azadi	Dari	1296-kab
0930-1030	Daily	RFE/RL Radio Azadi	Pashto	1296-kab
1030-1130	Daily	RFE/RL Radio Azadi	Dari	1296-kab
1130-1230	Daily	RFE/RL Radio Azadi	Pashto	1296-kab
1230-1330	Daily	RFE/RL Radio Azadi	Dari	1296-kab
1330-1400	Daily	RFE/RL Radio Azadi	Pashto	1296-kab
1400-1430	Daily	RFE/RL Radio Azadi	Dari	1296-kab
1430-1500	Daily	VOA Radio Ashna	Pashto	1296-kab
1500-1630	Daily	VOA Radio Ashna	Dari	1296-kab
1630-1730	Daily	VOA Radio Ashna	Pashto	1296-kab

VOA and RFE/RL relays via Tani-Khost

The 200 kW transmitter at Tani-Khost came on air in 2010 in response to growing number of extremist-controlled radio stations in the region. It currently relays Deewa Radio, a Voice of America service in Pashto, and Radio Mashaal, a RFE/RL service in local Pashto dialects, both for listeners in the border regions between Afghanistan and Pakistan.

Transmitter site: Tani-Khost, Afghanistan (kho) - 200 kW.

Time/UTC	Days	Station	Lang.	kHz
0100-0400	Daily	VOA Deewa Radio	Pashto	621-kho
0400-1300	Daily	RFE/RL Radio Mashaal	Pashto	621-kho
1300-1900	Daily	VOA Deewa Radio	Pashto	621-kho



China

China Radio International

China Radio International is the state-owned international radio broadcaster of the People's Republic of China.

Transmitter sites:

ann Anning, Kunming Prefecture, Yunnan (300 kW)
 chg Changchun, Jilin (200 kW)
 chz Changzhou, Jiangsu (1000 kW)
 deh Mangshi, Dehong Dai and Jingpo Autonomous Prefecture, Yunnan (50 kW)
 dof Dongfang, Hainan Island (600 kW)
 hdn Hudian, Jiling (200 kW on 963 kHz; 600 kW on 1323 kHz)
 hdu Huadu, Guangzhou, Guangdong (100 kW)
 hut Hutubi, Xinjiang (500 kW)
 kas Kashgar, Xinjiang (600 kW)
 shu Shuangyashan, Heilongjiang (100 kW)
 xuw Xuanwei, Yunnan (200 kW in 1080 kHz; 600 kW on 1269 kHz)

Time/UTC	Days	Language	For listeners in	kHz
0000-0200	Daily	Russian	Central Asia	1521-hut
0200-0300	Daily	Burmese	South-East Asia	900-deh
0400-0600	Daily	Vietnamese	South-East Asia	603-dof
0700-0800	Daily	Burmese	South-East Asia	900-deh
1000-1100	Daily	Russian	Central Asia	963-hdn
1030-1130	Daily	Cambodian	South-East Asia	684-dof
1100-1200	Daily	Burmese	South-East Asia	1188-ann
1100-1200	Daily	Cantonese	South-East Asia	603-dof
1100-1200	Daily	English	South Asia	1269-xuw
1100-1200	Daily	Russian	Central Asia/Far East	963-hdn 1323-hut 1323-shu 1521-hut
1100-1200	Daily	Vietnamese	South-East Asia	1296-ann
1100-1600	Daily	Japanese	East Asia	1044-chz
1100-1600	Daily	Korean	East Asia	1017-chg 1323-hdn
1130-1200	Daily	Filipino	South-East Asia	1341-hdu
1130-1230	Daily	Thai	South-East Asia	1080-xuw
1200-1300	Daily	English	South/South-East Asia	684-dof 1188-ann 1269-xuw 1341-hdu
1200-1300	Daily	Mongolian	Central Asia	1323-hut
1200-1300	Daily	Russian	Central Asia/Far East	963-hdn 1323-shu 1521-hut
1200-1300	Daily	Vietnamese	South-East Asia	603-dof 1296-ann
1230-1330	Daily	Lao	South-East Asia	1080-xuw
1300-1400	Daily	Bengali	South Asia	1188-ann
1300-1400	Daily	English	South-East Asia	1341-hdu
1300-1400	Daily	Hindi	South Asia	1269-xuw 1422-kas
1300-1400	Daily	Russian	Central Asia/Far East	963-hdn 1323-hut 1323-shu 1521-hut
1300-1400	Daily	Vietnamese	South-East Asia	603-dof 684-dof 1296-ann
1330-1430	Daily	Thai	South-East Asia	1080-xuw
1400-1500	Daily	Bengali	South Asia	1269-xuw
1400-1500	Daily	Burmese	South-East Asia	900-deh
1400-1500	Daily	Cambodian	South-East Asia	684-dof
1400-1500	Daily	Nepali	South Asia	1188-ann
1400-1500	Daily	Russian	Central Asia/Far East	963-hdn 1323-hut 1323-shu 1521-hut
1400-1500	Daily	Vietnamese	South-East Asia	603-dof 1296-ann
1400-1600	Daily	Urdu	South Asia	1422-kas
1430-1500	Daily	Filipino	South-East Asia	1341-hdu
1430-1530	Daily	Lao	South-East Asia	1080-xuw
1500-1600	Daily	English	South Asia	1188-ann 1323-hut
1500-1600	Daily	Nepali	South Asia	1269-xuw
1500-1600	Daily	Russian	Central Asia/Far East	963-hdn 1323-shu 1521-hut
1500-1600	Daily	Vietnamese	South-East Asia	603-dof 684-dof 1296-ann
1600-1700	Daily	Vietnamese	South-East Asia	684-dof 1296-ann
1600-1700	Daily	Hindi	South Asia	1188-ann 1269-xuw 1422-kas
1600-1800	Daily	English	South-East/South Asia	1080-xuw 1323-hut
1600-2000	Daily	Russian	Central Asia	1521-hut
1700-1800	Daily	Hindi	South Asia	1269-xuw
2100-2300	Daily	Korean	East Asia	1017-chg 1323-hdn
2300-0100	Daily	Cambodian	South-East Asia	684-dof
2300-0100	Daily	Vietnamese	South-East Asia	603-dof

CNR-5 (Taiwan 1) The Voice of Zhonghua

CNR-5, also known as Taiwan 1 and Voice of Zhonghua, is a service of China National Radio broadcasting in Mandarin to listeners in Taiwan with news, entertainment, and talk.

Transmitter sites: Fuzhou, Fujian (fzh 600 kW); Putian, Fujian (ptn 1200 kW); Quanzhou, Fujian (qzh 1000 kW); Shaowu, Fujian (shw 600 kW)

Time/UTC Days Language kHz

2100-1600 Daily Mandarin 549-ptn 765-fzh 837-qzh 1116-shw

CNR-6 (Taiwan 2) The Voice of Shenzhou

CNR-6, also known as Taiwan 2 and Voice of Shenzhou, is a service of China National Radio broadcasting in Amoy, Hakka and Mandarin to listeners in Taiwan with news, entertainment, and talk.

Transmitter sites: Fuzhou, Fujian (fzh 600 kW); Putian, Fujian (ptn 1200 kW); Quanzhou, Fujian (qzh 300 kW); Xiamen, Fujian (xmn 100 kW)

Time/UTC Days Language kHz

2200-1600 Daily Amoy, Hakka and Mandarin 684-ptn 909-qzh 1089-fzh 1224-xmn

Voice of the Strait (Haixia zhi Sheng)

Voice of the Strait (Haixia zhi Sheng) is a service operated by the Peoples Liberation Army and broadcasting to Taiwan. The transmitter on 666 kHz is located at Fuzhou in Fujian Province and carries the News Service in Mandarin. A programme in English called "Focus on China" is broadcast on Sundays. The service on 783 kHz is from a transmitter located at Fotan and is in Amoy.

Transmitter sites: Fuzhou, Fujian (600 kW); Fotan, Fujian (600 kW).

Time/UTC Days Language kHz

2230-1600 Daily Mandarin 666-fzh

2230-1600 Daily Amoy 783-ftn

China Huayi Broadcasting Company

China Huayi Broadcasting Corporation is a private radio station broadcasting news and entertainment to listeners in Taiwan, Hong Kong, Macao and South-East Asia in general. Its mediumwave transmitter on 783 kHz is located in Xiamen, a sub-provincial city in southeastern Fujian province, beside the Taiwan Strait.

Transmitter site: Xianmen, Fujian (200 kW)

Time/UTC Days Language kHz

24 hours Daily Chinese 873-xmn

India

All India Radio

All India Radio (AIR), officially known as Akashvani, is the national public radio broadcaster of India and a division of Prasar Bharati. AIR's External Services Division broadcasts in 27 languages to targets outside of India on both mediumwave and shortwave, but due to the present Corona Virus situation these services were suspended on 24 March 2020. Some have since returned on shortwave, but the only mediumwave transmission on air at present is Akashvani Maitree to Bangladesh on 594 kHz.

Transmitter site: Chinsurah, West Bengal (chn) - 1000 kW.

Time/UTC	Days	Language	Service	For listeners in	kHz
0025-0430	Daily	Bengali	Akashvani Maitree	Bangladesh	594-chn
1130-1430	Daily	Bengali	Akashvani Maitree	Bangladesh	594-chn

Latest news: [AIR Chinsurah 594 kHz carrying AIR Kolkata 657 kHz programmes from 29 December 2020](#): Due to the breakdown of the 200 kW transmitter of AIR Kolkata operating on 657 kHz (Gitanjali Channel), this service is broadcast by AIR Chinsurah (located near Kolkata) on 594 kHz, 1000 kW from 5 pm of 29 Dec 2020. The DRM Service on 648 kHz is also off air of course. Hence Maitree Channel, the External Service in Bengali by AIR Chinsurah is available only in live streaming until the faulty transmitter is repaired. (Pradip Chandra Kundu, VU3IOP, Asian DX Review, January 2021)



Japan

NHK World Japan

NHK World Japan broadcasts news, information, and entertainment programmes focusing on Japan and Asia. On mediumwave, it uses a transmitter in Tajikistan for programmes in Russian, Persian and Urdu to West Asia, as well rebroadcasting programmes over domestic radio stations in Myanmar, Indonesia, Thailand and Russia.

Transmitter sites: Dushanbe, Tajikistan (dsb) - 300 kW; Myanma Radio, Naypyidaw, Myanmar (nay) - 200 kW; Myanma Radio, Yangon, Myanmar (yan) - 100 kW; Radio Baltic Waves, Viekšintos, Lithuania (vst) - 75 kW; Radio Rasita, Simalungun, Indonesia (sim); Thammsat University Radio, Bangkok, Thailand (bgk) - 10 kW

Time/UTC	Days	Language	For listeners in	kHz
0330-0400	Daily	Russian	Eastern Europe	1386-vst
0710-0725	Sat/Sun	English	Myanmar	576-yan 594-nay
1230-1300	Mon-Fri	Thai	Bangkok	981-bgk
1440-1445	Daily	Indonesian	Simalungun	1170-sim
1445-1500	Mon-Wed	Burmese	Myanmar	576-yan 594-nay
1445-1505	Sat/Sun	Burmese	Myanmar	576-yan 594-nay
1540-1600	Thu/Fri	English	Myanmar	576-yan 594-nay
1600-1630	Daily	Russian	South-West Asia	927-dsb
1630-1700	Daily	Persian	South-West Asia	927-dsb
1700-1745	Daily	Urdu	South-West Asia	927-dsb
1730-1800	Daily	Russian	Eastern Europe	1386-vst

Democratic People's Republic of Korea (North Korea)

Pyongyang Broadcasting Station

The Pyongyang Broadcasting Station is for Korean-speaking listeners in South Korea, Japan and China. It broadcasts on five mediumwave transmitters in North Korea.

Transmitter sites: Chongjin (chj) - 500 kW; Kangnam (kan) - 1500 kW; Kimchaek (kmk) - 500 kW; Sangwon (swo) - 500 kW; Sinuiju (snu) - 500 kW.

Time/UTC	Days	Language	kHz
0300-0700	Daily	Korean	621-chj 657-kan 801-kmk 855-swo
0700-1300	Daily	Korean	657-kan 801-kmk 855-swo
1300-1730	Daily	Korean	621-chj 657-kan 801-kmk 855-swo
1730-1800	Daily	Korean	621-chj 657-kan 855-swo
1800-2000	Daily	Korean	621-chj 657-kan 873-snu 855-swo
2000-2030	Daily	Korean	657-kan 855-swo
2030-2100	Daily	Korean	801-kmk
2100-0300	Daily	Korean	657-kan 801-kmk 855-swo

Voice of Korea

The Voice of Korea is the international broadcasting service of the Korean Central Broadcasting Committee. It broadcasts its Japanese service on mediumwave for listeners in Japan.

Transmitter site: Chongjin (chj) - 500 kW.

Time/UTC	Days	Language	kHz
0700-1250	Daily	Japanese	621-chj
2100-2350	Daily	Japanese	621-chj

Selected target broadcasts on mediumwave to North Korea

Several international broadcasting stations and other organisations broadcast to North Korea on mediumwave from South Korea. Further details can be found under the entry for South Korea.

Times/UTC	Days	Station	Language	kHz
0700-2300	Daily	Radio Free Korea	Korean	1143-goy
1000-1100	Daily	Radio Free Asia	Korean	1566-jej
1100-0500	Daily	Operated by National Intelligence Service (NIS)	Korean	756-mns
1100-1500	Daily	Voice of America	Korean	1188-seo
1500-1900	Daily	Radio Free Asia	Korean	1188-seo
1700-1800	Daily	Voice of America	Korean	1566-jej
1800-1955	Daily	Open Radio for North Korea	Korean	774-chc

Republic of Korea (South Korea)

KBS Global Korean Network

The KBS Global Korean Network is a service of the Korean Broadcasting System for ethnic Koreans living outside of South Korea. It broadcasts two networks on 972 and 1170 kHz.

Transmitter site: Dangjin (dan) - 500 kW; Kimje (kim) - 500 kW.

Time/UTC	Days	Service	Language	kHz
0350-0000	Daily	Network 1	Korean	972-dan
1000-1100	Daily	Network 2	Korean	1170-kim
1100-1300	Daily	Network 2	Japanese	1170-kim
1300-1400	Daily	Network 2	Chinese	1170-kim
1400-0400	Daily	Network 2	Korean	1170-kim



FEBC Korea - HLKX on 1188 kHz

HLKX on 1188 kHz is from a transmitter located at Incheon, a city located in northwestern South Korea, bordering Seoul and Gyeonggi to the east. As well as FEBC programmes, the schedule for HLKX also includes relays of Voice of America and Radio Free Asia in Korean.

Transmitter site: Daebu (dae) - 100 kW.

Time/UTC	Days	Station	Language	kHz
1100-1500	Daily	Voice of America	Korean	1188-dae
1500-1900	Daily	Radio Free Asia	Korean	1188-dae
1900-1100	Daily	FEBC Korea	Korean	1188-dae

FEBC Korea - HLAZ on 1566 kHz

HLAZ on 1566 kHz is from a transmitter located at Jeju, the capital of Jeju Province and the largest city on Jeju Island. As well as FEBC programmes, the schedule for HLAZ also includes relays of RFA and VOA in Korean.

Transmitter site: Jeju (jej) - 250 kW.

Time/UTC	Days	Station	Language	kHz
1000-1100	Daily	Radio Free Asia	Korean	1566-jej
1100-1230	Daily	FEBC Korea	Chinese	1566-jej
1230-1345	Daily	FEBC Korea	Japanese	1566-jej
1345-1630	Daily	FEBC Korea	Chinese	1566-jej
1630-1700	Daily	FEBC Korea	Russian	1566-jej
1700-1800	Daily	Voice of America	Korean	1566-jej
1800-1000	Daily	FEBC Korea	Korean	1566-jej

756 AM

A station reportedly operated by South Korea's National Intelligence Service (NIS) has been on 756 kHz since early 2019 for listeners in North Korea.

Transmitter site: Misan, Gyeonggi Province (msn) - 100 kW.

Time/UTC	Days	Language	kHz
24 hours	Daily	Korean	756-msn

Open Radio for North Korea

Open Radio for North Korea is a Seoul-based radio station funded by a grant from the U.S. government. It broadcasts a programme for North Korea over HLAN, a station of the Munhwa Broadcasting Corporation.

Transmitter site: Chuncheon, Gangwon Province (chc) - 10 kW.

Time/UTC	Days	Language	kHz
1800-1955	Daily	Korean	774-chc

Radio Free Korea

Radio Free Korea is operated by the South Korean National Intelligence Service, although WRTH says that it claims to be a service of the non-existent "Korea Future Solidarity". It broadcasts from a transmitter at Goyang, a city in Gyeonggi Province in the north of South Korea.

Transmitter site: Goyang, Gyeonggi Province (goy) - 100 kW.

Time/UTC	Days	Language	kHz
0250-0100	Daily	Korean	1143-goy

Kyrgyzstan

TWR Silk Road

The TWR Silk Road project was launched in January 2017 to purchase and install a new 200 kW transmitter after the old Kyrgyz Radio transmitter on 1287 kHz was withdrawn from service (which had also been used by TWR for its broadcasts for listeners in Central Asia). The new transmitter on 612 kHz was inaugurated in June 2019.

Transmitter site: Krasnaya Rechka, Bishkek, Kyrgyzstan (bis) - 200 kW

Frequency: 612 kHz

Transmission times: 1457-1730 UTC

Daily programme schedule

Time/UTC	Days	Language	Programme
1447-1457	Daily		TWR Interval Signal
1457-1500	Daily	Kazakh	Music and announcements
1500-1515	Fri	Kazakh	Christian Youth
1500-1515	Mon-Thu	Kazakh	Radio Bible Project
1500-1515	Sat	Kazakh	Springs of Living Water
1500-1515	Sun	Kazakh	The Christian Home
1515-1530	Mon-Fri	Kazakh	Thru the Bible
1515-1530	Sat	Kazakh	Spiritual Filled Life
1515-1530	Sun	Kazakh	Women of Hope
1530-1545	Mon-Fri	Kazakh	to be confirmed
1530-1545	Sat	Kazakh	The Word Today
1530-1545	Sun	Kazakh	Living Word
1545-1600	Sun	Russian	The Word Today
1545-1615	Mon-Fri	Russian	Thru the Bible
1545-1615	Sat	Russian	Women of Hope
1600-1615	Sun	Uzbek	The Christian Home
1615-1630	Mon-Sat	Russian	Radio Bible Project
1615-1630	Sun	Uzbek	Christian Youth
1630-1645	Sat	Uzbek	Joyful Encounter
1630-1645	Sun	Uzbek	Women of Hope
1630-1700	Mon-Fri	Uzbek	Thru the Bible
1645-1700	Sat	Uzbek	Power in Persecution
1645-1700	Sun	Uzbek	House Church
1700-1715	Fri	Kazakh	Son Lift Project
1700-1715	Sat/Sun	Kazakh	The Way of Righteousness
1700-1730	Mon	Uighur	Light of Life
1700-1730	Thu	Uighur	Sparkle of Hope
1700-1730	Tue	Uighur	The Way of Righteousness
1700-1730	Wed	Uighur	Parables
1715-1730	Fri	Kirghiz	The Word today
1715-1730	Sat/Sun	Kirghiz	Radio Bible Project

TWR PANI

The TWR PANI transmitter at Krasnaya Rechka, Kyrgyzstan, was inaugurated in 2013, with full-power programming at 500 kW commencing on 24 March 2014. It broadcasts programmes from TWR PANI (TWR for Pakistan, Afghanistan and Northern India) which have been produced by TWR and partner ministries. The current transmitter replaced an old one on the same frequency of 75 kW that was used for TWR broadcasts to Central Asia.

Transmitter site: Krasnaya Rechka, Bishkek, Kyrgyzstan (bis) - 500 kW

Frequency: 1467 kHz

Transmission times: 1315-1645 UTC

Daily programme schedule

Time/UTC	Days	Language	Programme
1315-1330	Daily		TWR Interval Signal
1330-1345	Sat	Punjabi, Western	The Way of Righteousness
1330-1400	Mon	Urdu	Women of Hope
1330-1400	Tue	Punjabi, Western	Women of Hope
1330-1400	Wed	Punjabi	Women of Hope
1330-1400	Thu	Hindi	Champions Arise
1330-1345	Fri	Pahari Kangri	The Word Today
1330-1400	Sun	Urdu	Haqeeqat
1345-1355	Sat	Kumauni	Jeevnok Ujjao
1345-1400	Fri	Bagri	Mukti Marg
1355-1400	Sat	Punjabi	Your Quest for God
1400-1430	Mon-Fri	Urdu	Thru the Bible

1400-1430	Sat	Urdu	The Way of Righteousness
1400-1430	Sun	Kashmiri	The Way of Righteousness
1430-1445	Mon	Urdu	The Word Today
1430-1445	Tue	Punjabi, Western	The Word Today
1430-1445	Wed	Urdu	Hello Listeners
1430-1445	Thu	Saraiki	Oasis Well
1430-1445	Fri	Saraiki	The Way of Righteousness
1430-1445	Sat	Urdu	Sada e Haq
1430-1445	Sun	Urdu	Nagmaat-e-Zindagi
1445-1500	Daily	Urdu	Voice of Truth
1500-1530	Daily	Dari	Radio Sedaye Zindagi (Pamir Ministries)
1530-1545	Mon	Southern Pashto	The Word Today
1530-1545	Tue/Wed	Dari	Mojda e Aramesh
1530-1545	Thu/Fri	Urdu	Light of the Way
1530-1545	Sat	Urdu	Nabion Ki Marfat
1530-1545	Sun	Southern Pashto	Hope for Today
1545-1630	Daily	Southern Pashto	Khyber Productions (Pamir Ministries)
1630-1645	Mon	Tajik	The Christian Home
1630-1645	Tue	Tajik	Powerin Persecution
1630-1645	Wed	Tajik	Christian Youth
1630-1645	Thu	Tajik	52 Questions
1630-1645	Fri	Tajik	The Word Today
1630-1645	Sat	Tajik	Women of Hope
1630-1645	Sun	Tajik	Springs of Living Water

Laos

Lao National Radio

Lao National Radio is the national radio station of Laos. As well as the National Service in Lao and minority languages, it also broadcasts a Foreign Language Service in English, French and four regional languages.

Transmitter site: Vientiane (200 kW)

Time/UTC	Days	Language	kHz
1330-1400	Daily	Khmer	567-vie
1400-1430	Daily	Chinese	567-vie
1430-1500	Daily	English	567-vie
1500-1530	Daily	French	567-vie
1530-1600	Daily	Thai	567-vie
1600-1630	Daily	Vietnamese	567-vie



Sri Lanka

Sri Lanka Broadcasting Corporation

Sri Lanka Broadcasting Corporation's only mediumwave broadcast appears to be on Friday's at 0630-0800 on 1125 kHz. Zenon Teles advises that this service is due to be discontinued.

Transmitter site: Putalam (put) - 35 kW.

Time/UTC	Days	Language	kHz
0715-0815	Fri	Tamil	1125-put

SLBC mediumwave transmitters available for hire by third party international broadcasters

TWR India - Radio 882

The transmitter on 882 kHz at Puttalam is owned and operated by the Sri Lanka Broadcasting Corporation and available for hire by third party broadcasting stations. At present it is used by TWR India for their Radio 882 service for listeners in South Asia.

Transmitter site: Putalam, North Western Province (put) - 350 kW (In an email to Xenon Teles, Mike Sabin, Asia Broadcast Technical Operations Director, confirms that 350 kW is currently being used on 882 kHz).

Frequency: 882 kHz

Transmission times: 2230-0100 and 1330-1630 UTC

Morning programme schedule

Time/UTC	Days	Language	Programme
2230-2300	Mon-Fri	Bengali	Thru the Bible
2230-2300	Sat	Bengali	Champions Arise
2230-2300	Sun	Bengali	Women of Hope
2300-2330	Mon-Fri	Hindi	Thru the Bible
2300-2330	Sat/Sun	Hindi	Be Series

2330-2345	Sat	Kukna	Base Goat
2330-0000	Mon-Fri	Gujarati	Thru the Bible
2330-0000	Sun	Gujarati	Women of Hope
2345-0000	Sat	Kutchie	Bharpuri Jo Jiyan
0000-0030	Mon-Fri	Malayalam	Thru the Bible
0000-0030	Sat	Malayalam	Yuva Deepam
0000-0030	Sun	Malayalam	Women of Hope
0030-0045	Sat	Tamil	Nambikkai
0030-0100	Sun-Thu	Tamil	Thru the Bible
0030-0100	Fri	Tamil	Women of Hope
0045-0100	Sat	Tamil	Vaanmalar

Evening programme schedule

1330-1345	Sat	Lambadi	The Word Today
1330-1345	Sun	Sora	Anablun Atangoran
1330-1400	Mon-Fri	Gondi	Thru the Bible
1345-1400	Sat	Telugu	Jeeva Jalamulu
1345-1400	Sun	Gondi	The Word Today
1400-1415	Sat	Koya	The Word Today
1400-1415	Sun	Chhattisgarhi	Mukti Ke Goat
1400-1430	Mon-Fri	Telugu	Thru the Bible
1415-1430	Sat	Konkani	The Word Today
1415-1430	Sun	Oriya	The Tide
1430-1445	Sun	Telugu	Hope for Today
1430-1500	Mon-Fri	Kannada	Thru the Bible
1430-1500	Sat	Gujarati	In Touch
1445-1500	Sun	Varli	Changli Goat
1500-1515	Sat	Gujarati	Ajab Gujab
1500-1515	Sun	Gujarati	Manthan
1500-1530	Mon-Fri	Chhattisgarhi	Thru the Bible
1515-1530	Sat	Oriya	CBH
1515-1530	Sun	Gujarati	Satya Shodh
1530-1600	Mon-Fri	Oriya	Thru the Bible
1530-1600	Sat	Oriya	In Touch
1530-1600	Sun	Oriya	Women of Hope
1600-1615	Sun	Chhattisgarhi	The Word Today
1600-1630	Mon-Fri	Marathi	Thru the Bible
1600-1630	Sat	Marathi	In Touch
1615-1630	Sun	Tulu	The Word Today
1630-1645	Sun	Gujarati	Champions Arise
1630-1700	Mon-Fri	Deccan	Thru the Bible
1630-1700	Sat	Marathi	Gosht Yeshuchi



Adventist World Radio

AWR hires the medium wave transmitter at Trincomalle for broadcasts to India.

Transmitter site: Trincomalee (trm) - WRTH & PAL indicates 400 kW, MWList indicates 350 kW

Frequency: 1548 kHz

Transmission times: 1430-1600

Time/UTC Days Language

1430-1500 Daily Kannada

1500-1530 Daily Tamil

1530-1600 Daily Hindi

Note: this service of AWR has been off-air since 22 November 2020. (Jose Jacob)

- In March 2019, BBC World Service conducted tests on 1548 kHz with 350 kW AM and 120 kW DRM.

Taiwan

Radio Taiwan International

Radio Taiwan International is the international service of the Republic of China, commonly known as Taiwan. It is a government-owned station that broadcasts in 13 languages around the world, with a majority emphasis on Mandarin-language broadcasts over shortwave into China. The 300 kW transmitter on 1557 kHz is located at Kouhu in western Taiwan and broadcasts RTI in Chinese across the Taiwan Strait. It was known in the past for its relay of Family Radio, made easier as a DX catch thanks to the familiar interval signal and distinctive voice of Harold Camping.

Broadcast to Mainland China

Transmitter site: Kouhu, Taiwan (kou) - 300 kW.

Time/UTC	Days	Language	kHz
0900-1100	Daily	Chinese	1557-kou
1200-1705	Daily	Chinese	1557-kou
1300-1705	Daily	Chinese	1098-kou

Broadcasts for foreign workers in Taiwan

Transmitter site: Minhsuig, Taiwan (min) - 100 kW.

Time/UTC	Days	Language	kHz
0000-0100	Fri	Indonesian	1422-min
0100-0200	Thu	Thai	1422-min
0200-0300	Wed	Vietnamese	1422-min
1100-1200	Tue	Vietnamese	1422-min
1200-1300	Thu	Indonesian	1422-min
1300-1400	Wed	Thai	1422-min

Voice of Kuanghua

Voice of Kuanghua is part of Voice of Han Broadcasting Network. It broadcasts in Chinese to Mainland China.

Transmitter sites: Hsinfeng, Taiwan (hsi) - 250 kW.

Time/UTC	Days	Language	kHz
0755-0005	Daily	Chinese	711-hsi 981-hsi

Radio Free Asia relay

The Radio Taiwan International transmitter on 1557 kHz was first observed in early September 2019 with a relay of Radio Free Asia between 1900-2200, temporarily replacing the usual frequency of 1098 kHz.

Transmitter site: Kouhu, Taiwan (kou) - 300 kW.

Time/UTC	Days	Language	kHz
1900-2200	Daily	Chinese	1557-kou

Tajikistan

Voice Of Tajik

Voice of Tajik (Ovoji Tojik) is the external service of Kunitai Televizion va Radioi (KTR), the state broadcaster in Tajikistan. It broadcasts in several regional languages from a 150 kW transmitter at Yangiyul leased from Teleradiokom.

Transmitter site: Yangiyul, Dushanbe, Tajikistan (dsb) - 150 kW.

Time/UTC	Days	Language	kHz
0200-0400	Daily	Tajik	1143-dsb
0400-0600	Daily	Persian	1143-dsb
0600-0800	Daily	Dari	1143-dsb
0800-1000	Daily	Russian	1143-dsb
1000-1100	Daily	Uzbek	1143-dsb
1100-1200	Daily	Hindi	1143-dsb
1200-1300	Daily	Arabic	1143-dsb
1300-1400	Daily	English	1143-dsb
1400-1600	Daily	Tajik	1143-dsb
1600-1800	Daily	Persian	1143-dsb

NHK World Japan relays

The transmitter on 927 kHz is operated by Radiotelekom and is currently used by NHK World Radio Japan.

Transmitter site: Orzu, Khatlon (orz) - 300 kW.

Time/UTC	Days	Language	kHz
1600-1630	Daily	Russian	927-orz
1630-1700	Daily	Persian	927-orz
1700-1745	Daily	Urdu	927-orz

Voice of America relays

The transmitter on 972 kHz is operated by Radiotelekom and leased by USAGM for relays of VOA to West Asia.

Transmitter site: Orzu, Khatlon (orz) - 800 kW.

Times/UTC	Days	Service	Language	kHz
1400-1900	Daily	VOA Urdu	Urdu	972-orz
1900-1905	Daily	Voice of America	English (VOA News)	972-orz
1905-2000	Daily	VOA Urdu	Urdu	972-orz
2000-2005	Daily	Voice of America	English (VOA News)	972-orz
2005-2100	Daily	Deewa Radio	Pashto	972-orz
2100-2105	Daily	Voice of America	English (VOA News)	972-orz
2105-2200	Daily	VOA Urdu	Urdu	972-orz
2200-2205	Daily	Voice of America	English (VOA News)	972-orz
2205-2300	Daily	VOA Urdu	Urdu	972-orz
2300-2305	Daily	Voice of America	English (VOA News)	972-orz
2305-0000	Daily	VOA Urdu	Urdu	972-orz
0000-0005	Daily	Voice of America	English (VOA News)	972-orz
0005-0100	Daily	Deewa Radio	Pashto	972-orz
0100-0200	Daily	VOA Urdu	Urdu	972-orz

BBC World Service relays

The 100 kW mediumwave transmitter at Yangiyul, Dushanbe, on 1251 kHz is owned and operated by Teleradiokom and used by the BBC World Service for broadcasts to Afghanistan and West Asia.

Transmitter site: Yangiyul, Dushanbe (100 kW)

Time/UTC	Days	Language	kHz
0200-0230	Daily	Tajik	1251-dsb
0330-0430	Daily	Persian	1251-dsb
0930-1000	Daily	Tajik	1251-dsb
1000-1030	Tue-Sat	English	1251-dsb
1000-1030	Sun/Mon	Pashto	1251-dsb
1300-1330	Mon-Fri	Uzbek	1251-dsb
1300-1330	Sat/Sun	Pashto	1251-dsb
1330-1400	Daily	Uzbek	1251-dsb
1400-1500	Daily	Tajik	1251-dsb
1700-1800	Daily	English	1251-dsb
1800-1830	Daily	Tajik	1251-dsb
1830-1900	Daily	Pashto	1251-dsb

Thailand

Voice of America relay / Radio Saranrom

The 1000 kW mediumwave transmitter on 1575 kHz at Ban Phachi, Ayutthaya, is owned and operated by the IBB and relays Voice of America to South-East Asia. It is also used by Radio Saranrom, a radio station that acts as a bridge between the Thai Ministry of Foreign Affairs and the Thai people.

Transmitter site: Ban Phachi, Ayutthaya, Thailand (bph) - 1000/500 kW.

Times/UTC	Days	Station	Language	kHz
2130-2200	Daily	Voice of America	Vietnamese	1575-bph
2200-2230	Daily	Voice of America	Cambodian	1575-bph
2230-0000	Sun-Thu	Radio Saranrom	Thai	1575-bph
0000-0030	Daily	Voice of America	Burmese	1575-bph
0030-0100	Daily	Voice of America	Learning English	1575-bph
1030-1100	Daily	Radio Saranrom	Thai	1575-bph
1100-1130	Tue-Fri	Radio Saranrom	Thai	1575-bph
1100-1130	Mon	Radio Saranrom	English	1575-bph
1130-1200	Mon-Fri	Voice of America	Rohingya	1575-bph
1130-1200	Sat/Sun	Voice of America	English	1575-bph
1200-1230	Mon-Fri	Radio Saranrom	Thai	1575-bph
1230-1300	Daily	Voice of America	Lao	1575-bph
1330-1430	Daily	Voice of America	Cambodian	1575-bph
1430-1500	Daily	Voice of America	Burmese	1575-bph
1500-1530	Daily	Radio Saranrom	Thai	1575-bph
1530-1600	Daily	Voice of America	Burmese	1575-bph
1600-1630	Daily	Voice of America	Bengali	1575-bph
1630-1700	Daily	Voice of America	Learning English	1575-bph

Vietnam

Voice of Vietnam

Voice of Vietnam is the national broadcasting service of Vietnam. Its external service (VOV5 - VOV World) is for Vietnamese nationals residing overseas and foreigners around the world. This radio channel is broadcast on short and mediumwave in 12 languages. The transmitter at Can Thoi in the Mekong Delta, southwestern Vietnam, is believed to be running at about 500 kW nowadays (rather than its full 2000 kW) and broadcasts in Lao, Thai, Vietnamese and Cambodian to listeners in South-East Asia.

Transmitter site: Can Tho, Thoi Long, Vietnam (cth) - 500 kW

Time/UTC	Days	Language	kHz
1330-1430	Daily	Lao	1242-cth
1430-1500	Daily	Thai	1242-cth
1500-1600	Daily	Vietnamese	1242-cth
1600-1630	Daily	Cambodian	1242-cth

The Americas

Bonaire

TWR Bonaire

Trans World Radio (TWR) is a multinational evangelical Christian media distributor. It operates on 800 kHz from a 450 kW transmitter on Bonaire.

Transmitter site: Belnem, Bonaire (max 450 kW but operating for each transmission as stated below)

Time/UTC	Days	Language	For listeners in	kHz (and power)
2130-2300	Daily	Spanish	Caribbean	800-bon (50 kW)
2300-0000	Daily	English	Caribbean	800-bon (225 kW)
0000-0300	Daily	Spanish	Cuba	800-bon (440 kW)
0300-0800	Daily	Spanish	Caribbean	800-bon (225 kW)
0800-0945	Daily	Portuguese	Brazil	800-bon (440 kW)
0945-1000	Mon-Fri	Portuguese	Brazil	800-bon (440 kW)
0945-1000	Sat	Baniua	Brazil	800-bon (440 kW)
0945-1000	Sun	Macuxi	Brazil	800-bon (400 kW)
1000-1100	Daily	Spanish	Caribbean	800-bon (225 kW)
1100-1200	Daily	Spanish	Caribbean	800-bon (100 kW)
1200-1230	Daily	Spanish	Caribbean	800-bon (50 kW)

Colombia / Venezuela

Voice of America

Don Moore posted to the DXing.info FB group that starting September 2020, VOA Spanish programmes for Venezuela are relayed on 600 kHz (listed 50 kW) via Radio Libertad in Barranquilla, Colombia. The broadcasts were believed to have begun at 8 pm local time on 15 September 2020. The schedule Don received from VOA shows the relays as being three hours long Monday to Friday (local days) and two hours long on Saturday and Sunday. (VOA via Don Moore to DXing.info fb group, 11 September 2020).

Transmitter site: HJHJ, Radio Libertad, Barranquilla, Colombia - 50 kW.

Time/UTC	Days	Language	For listeners in	kHz
0000-0300	Tue-Sat	Spanish	Venezuela	600-hjhj
0000-0200	Sun/Mon	Spanish	Venezuela	600-hjhj

United States of America

U.S. Agency for Global Media

The U.S. Agency for Global Media (USAGM), formerly the Broadcasting Board of Governors (BBG), is an independent agency of the United States government which operates various state-run media outlets. It describes its mission, "vital to US national interests", to "inform, engage, and connect people around the world in support of freedom and democracy" and in accordance with the "broad foreign policy objectives of the United States". USAGM supervises Voice of America (VOA), Radio Free Europe/Radio Liberty RFE/RL), Radio y Televisión Martí, Radio Free Asia, Alhurra TV and Radio Sawa. The board of USAGM currently has only an advisory role; it previously supervised USAGM media networks directly, but was replaced with a single appointed chief executive officer as part of the National Defense Authorization Act for Fiscal Year 2017, which was passed in December 2016 (Wikipedia).

International Broadcasting Bureau

The International Broadcasting Bureau (IBB) is the technical support outlet within the Broadcasting Board of Governors. The IBB supports the day-to-day operations of the Voice of America and the Office of Cuba Broadcasting (Radio y Televisión Martí). The IBB is located in Washington DC.

Voice of America

Voice of America (VOA) is a U.S. government-funded international radio broadcast source that serves as the United States federal government's official institution for non-military, external broadcasting. VOA still has a large presence on mediumwave for audiences in both Africa and Asia. VOA's services on mediumwave include Deewa Radio, Radio Ashna and Radio Aap ki Dunyaa for Afghanistan and Pakistan, as well as Studio 7 for Zimbabwe.

Transmitter sites: Ban Phachi, Ayutthayam, Thailand (bph) - 1000 kW; Daebu, South Korea (dae) - 100 kW; Dorale, Djibouti (dji) - 600 kW; Jeju, South Korea (jej) - 250 kW; Moepeng Hill, Botswana (bot) - 600 kW; Orzu, Tajikistan (orz) - 800 kW; Pinheira, Sao Tome (sao) - 600 kW; Pol-e Charkhi, Kabul, Afghanistan (kab) (400 kW); Radio Libetad, Barranquilla, Colombia (hjhj) - 50 kW; ani-Khost, Afghanistan (kho) - 200 kW

Time/UTC	Days	Service	Language	For listeners in	kHz
0000-0005	Daily	Voice of America	English (VOA News)	West Asia	972-orz
0000-0030	Daily	Voice of America	Burmese	South-East Asia	1575-bph
0000-0200	Sun/Mon	Voice of America	Spanish	Venezuela	600-hjhj
0000-0300	Tue-Sat	Voice of America	Spanish	Venezuela	600-hjhj
0005-0100	Daily	VOA Deewa Radio	Pashto	West Asia	972-orz
0030-0100	Daily	VOA Radio Ashna	Pashto	Afghanistan	1296-kab
0100-0130	Daily	VOA Radio Ashna	Dari	Afghanistan	1296-kab
0100-0200	Daily	VOA Urdu	Urdu	West Asia	972-orz
0100-0400	Daily	VOA Deewa Radio	Pashto	Afghanistan/Pakistan	621-kho
0130-0200	Daily	VOA Radio Ashna	Pashto	Afghanistan	1296-kab
0200-0230	Daily	VOA Radio Ashna	Dari	Afghanistan	1296-kab
0300-0430	Daily	Voice of America	English	West Africa	1530-sao
0300-0700	Daily	Voice of America	English	Southern Africa	909-bot
0500-0530	Daily	Voice of America	Hausa	West Africa	1530-sao
0530-0600	Mon-Fri	Voice of America	French	West Africa	1530-sao
0600-0700	Daily	Voice of America	English	West Africa	1530-sao
1100-1500	Daily	Voice of America	Korean	East Asia	1188-dae
1130-1200	Daily	Voice of America	English	South-East Asia	1575-bph
1230-1300	Daily	Voice of America	Lao	South-East Asia	1575-bph
1300-1900	Daily	VOA Deewa Radio	Pashto	Afghanistan/Pakistan	621-kho
1330-1430	Daily	Voice of America	Cambodian	South-East Asia	1575-bph
1400-1900	Daily	VOA Urdu	Urdu	West Asia	972-orz
1430-1500	Daily	VOA Radio Ashna	Pashto	Afghanistan	1296-kab
1430-1500	Daily	Voice of America	Burmese	South-East Asia	1575-bph
1500-1630	Daily	VOA Radio Ashna	Dari	Afghanistan	1296-kab
1530-1600	Daily	Voice of America	Burmese	South-East Asia	1575-bph
1600-1630	Mon-Fri	Voice of America	Amharic	Horn of Africa	1431-dji
1600-1630	Sat/Sun	Voice of America	Somali	Horn of Africa	1431-dji
1600-1700	Daily	Voice of America	Bengali	South-East Asia	1575-bph
1600-1700	Daily	Voice of America	English	West Africa	1530-sao
1600-1700	Daily	Voice of America	English	Southern Africa	909-bot
1630-1730	Daily	VOA Radio Ashna	Pashto	Afghanistan	1296-kab
1700-1800	Daily	VOA Studio 7	Shona/Ndebele	Zimbabwe	909-bot
1700-1800	Daily	Voice of America	Korean	East Asia	1566-jej
1700-1800	Daily	Voice of America	Portuguese	West Africa	1530-sao
1800-1900	Mon-Fri	VOA Studio 7	English/Shona/Ndebele	Zimbabwe	909-bot
1800-9000	Sat/Sun	Voice of America	English	Southern Africa	909-bot
1830-2000	Daily	Voice of America	French	West Africa	1530-sao
1900-1905	Daily	Voice of America	English (VOA News)	West Asia	972-orz
1905-2000	Daily	VOA Urdu	Urdu	West Asia	972-orz
2000-2005	Daily	Voice of America	English (VOA News)	West Asia	972-orz
2000-2200	Daily	Voice of America	English	West Africa	1530-sao
2005-2100	Daily	VOA Deewa Radio	Pashto	West Asia	972-orz
2100-2105	Daily	Voice of America	English (VOA News)	West Asia	972-orz
2105-2200	Daily	VOA Urdu	Urdu	West Asia	972-orz
2130-2200	Daily	Voice of America	Vietnamese	South-East Asia	1575-bph
2200-2205	Daily	Voice of America	English (VOA News)	West Asia	972-orz
2200-2230	Daily	Voice of America	Cambodian	South-East Asia	1575-bph
2205-2300	Daily	VOA Urdu	Urdu	West Asia	972-orz
2300-2305	Daily	Voice of America	English (VOA News)	West Asia	972-orz
2305-0000	Daily	VOA Urdu	Urdu	West Asia	972-orz

Radio Free Europe/Radio Liberty

Radio Free Europe/Radio Liberty (RFE/RL) is a broadcasting organisation that broadcasts and reports news, information, and analysis to countries in Eastern Europe, Central Asia and the Middle East where it says that "the free flow of information is either banned by government authorities or not fully developed". RFE/RL is a 501(c)(3) corporation that receives U.S. government funding and is supervised by the Broadcasting Board of Governors. RFE/RL's services on mediumwave include Radio Azadi and Radio Mashaal for Afghanistan.

Transmitter sites: Pol-e Charkhi, Kabul, Afghanistan (kab) - 400 kW; Tani-Khost, Afghanistan (kho) - 200 kW; Viešintos, Lithuania (vst) - 75 kW; Zavidovići, Bosnia & Herzegovina (zav) - 1 kW.

Time/UTC	Days	Service	Language	For listeners in	kHz
0230-0300	Daily	Radio Azadi	Pashto	Afghanistan	1296-kab
0300-0330	Daily	Radio Azadi	Dari	Afghanistan	1296-kab
0330-0430	Daily	Radio Azadi	Pashto	Afghanistan	1296-kab
0400-1300	Daily	Radio Mashaal	Pashto	Afghanistan/Pakistan	621-kho
0430-0530	Daily	Radio Azadi	Dari	Afghanistan	1296-kab
0530-0630	Daily	Radio Azadi	Pashto	Afghanistan	1296-kab
0600-0700	Daily	Radio Slobodna Evropa	Bosnian	Central Bosnia and Herzegovina	1503-zav
0630-0730	Daily	Radio Azadi	Dari	Afghanistan	1296-kab
0730-0830	Daily	Radio Azadi	Pashto	Afghanistan	1296-kab
0830-0930	Daily	Radio Azadi	Dari	Afghanistan	1296-kab
0930-1030	Daily	Radio Azadi	Pashto	Afghanistan	1296-kab
1030-1130	Daily	Radio Azadi	Dari	Afghanistan	1296-kab
1130-1230	Daily	Radio Azadi	Pashto	Afghanistan	1296-kab
1230-1330	Daily	Radio Azadi	Dari	Afghanistan	1296-kab
1300-1330	Daily	Radio Slobodna Evropa	Bosnian	Central Bosnia and Herzegovina	1503-zav
1330-1400	Daily	Radio Azadi	Pashto	Afghanistan	1296-kab
1400-1430	Daily	Radio Azadi	Dari	Afghanistan	1296-kab
1600-1630	Daily	Radio Slobodna Evropa	Bosnian	Central Bosnia and Herzegovina	1503-zav
1800-2100	Daily	Radio Svoboda	Russian	Eastern Europe	1386-vst
2000-2200	Daily	Radio Slobodna Evropa	Bosnian	Central Bosnia and Herzegovina	1503-zav
2200-2300	Daily	Radio Slobodna Evropa	Bosnian	Central Bosnia and Herzegovina	1503-zav

Radio Free Asia

Radio Free Asia (RFA) is a private, nonprofit international broadcasting corporation that broadcasts and publishes online news, information, and commentary to listeners in East Asia while "advancing the goals of U.S. foreign policy". RFA is currently funded by the Broadcasting Board of Governors. RFA broadcasts on mediumwave to North Korea from transmitters in South Korea and to Mainland China from a transmitter in Taiwan.

Transmitter sites: ouhu, Taiwan (kou) - 300 kW; Jeju, South Korea (jej) - 250 kW; Daebu, South Korea (seo) - 100 kW.

Time/UTC	Days	Language	For listeners in	kHz
1000-1100	Daily	Korean	North Korea	1566-jej
1500-1900	Daily	Korean	North Korea	1188-dae
1900-2200	Daily	Chinese	Mainland China	1557-kou (temporarily replacing 1098 kHz)

Radio Sawa

Radio Sawa is operated by the Middle East Broadcasting Networks, Inc. (MBN). MBN is financed through a grant from the Broadcasting Board of Governors (BBG), an independent federal agency funded by the U.S. Congress. It currently broadcasts on three mediumwave transmitters for the Middle East and North Africa.

kHz	Transmitter site	kW	Times/UTC	Days	Language	Stream for:
1548	Umm al-Rimam, Kuwait	600	24h	Daily	Arabic	Iraq and the Gulf
1593	Umm al-Rimam, Kuwait	150	24h	Daily	Arabic	Iraq

Radio Martí

Radio Martí is an international broadcaster based in Miami, Florida, financed by the Federal government of the United States through the Broadcasting Board of Governors, which transmits political propaganda in Spanish to Cuba. Radio Martí is an element of the International Broadcasting Bureau.

Transmitter site: Marathon, Florida, USA (mth) - 100 kW

Time/UTC	Days	Language	kHz
24 hours	Daily	Spanish	1180-mth



External Services on Mediumwave in frequency order

Note: All entries in the ITU column refer to the country that the transmitter is based in (rather than the origin of the station)

kHz	ITU	Transmitter site	kW	Station/Schedule
549	CHN	Putian, Fujian	1200	CNR-5 (Taiwan 1): 2100-1600 in Chinese to Taiwan
567	LAO	Vientiane	200	Lao National R, Foreign Kanguage Sce: 1330-1400 in Cambodian; 1400-1430 in Chinese; 1430-1500 in English; 1500-1530 in French; 1530-1600 in Thai; 1600-1630 in Vietnamese
576	BRM	Yangon	100	NHK World R Japan over Myanma R at certain times in English/Burmese IRIB WS: 0330-1630 in Arabic
	IRN	Bandar-e Mahshahr	600	
594	BRM	Naypyidaw	200	NHK World R Japan over Myanma R at certain times in English/Burmese IRRS Milan via Challenger R: 1800-2100fr-su & 2100-2200mo-th in Eng. All India R: temporarily carrying AIR Kolkata programmes
	I	Villa Estense	10	
	IND	Chinsurah	1000	
600	CLM	Barranquilla	50	Voice of America: 0000-0300tu-sa/0200su-mo in Spanish
603	CHN	Dongfang, Hainan	600	China R Int: 0400-0600 in Vietnamese; 1100-1200 in Cantonese; 1200-1600 in Vietnamese; 2300-0100 in Vietnamese
612	IRN	Qasr-e Shirin	600	IRIB WS: 0430-0520 in Kurdish; 0520-1630 in Arabic TWR Silk Road Service: 1457-1730 to Central Asia
	KGZ	Bishkek	200	
621	AFG	Tani-Khost	200	VOA Deewa R 0100-0400 in Pashto; RFE/RL R Mashaal 0400-1300 in Pashto; VOA Deewa R 1300-1900 in Pashto Voice of the Arabs 24h in Arabic Pyongyang BS/Voice of Korea: 0300-0700 PBS in Korean; 0700-1250 VOK in Korea; 1300-2000 PBS in Korean; 2100-2350 VOK in Korean
	EGY	Batra	1000	
	KRE	Chonjin	500	
639	CYP	Zakaki	500	BBC WS: 0300-0700 & 1700-2100 in Arabic IRIB WS: 0420-0520 & 1320-1620 in Kurdish, 1820-1920 in Turkish
	IRN	Bonab	400	
648	UKR	Chonhar	25	Krym.Realii: 24h in Ukrainian, including RFE/RL at 0100-0200
657	KRE	Kangnam	1500	Pyongyang BS: 2100-2030 in Korean
666	CHN	Fuzhou, Fujian	600	Voice of the Strait: 2230-1600 in Chinese to Taiwan
684	CHN	Dongfang, Hainan	600	China R Int: 1030-1130 in Cambodian; 1200-1300 in English; 1300-1400 in Vietnamese; 1400-1500 in Cambodian; 1500-1700 in Vietnamese; 2300-0100 in Cambodian CNR-6 (Taiwan 2): 2200-1600 in Amoy, Hakka & Chinese to Taiwan
	CHN	Putian, Fujian	1200	
702	IRN	Kiashahr	500	IRIB WS: 0320-0520, 0530-0930, 1420-1630 in Azeri; 1720-1820 in Talysh, 1820-1920 in Turkish; 1920-2020 in Russian BBC WS: 1500-2100 in Arabic
	OMA	A'Seela	800	
711	TWN	Hsinfeng	250	Voice of Kuanghua: 0755-0005 in Chinese
720	CYP	Zakaki	500	BBC WS: 0300-0700 & 1500-2100 in Arabic IRIB WS: 0050-0220 in Tajik; 0300-1500 in Dari; 1550-1720 in Tajik
	IRN	Tayebad	400	
756	KOR	Misan	100	Station operated by South Korea's NIS: 1100-0500 in Korean
765	CHN	Fuzhou, Fujian	600	CNR-5 (Taiwan 1): 2100-1600 in Chinese to Taiwan IRIB WS: 0130-0220 in Urdu; 0230-0120 in Arabic
	IRN	Chahbahar	600	
774	KOR	Chuncheon	10	Open R for North Korea: 1800-1955 in Korean (over HLAN, MBC)

783	CHN SYR	Fotan, Fujian Tartus	600 300	Voice of the Strait: 2230-1600 in Amoy to Taiwan R Damascus: 0330-0430 in Hebrew, 0430-0500 in Russian, 0500-0530 in French (all other times domestic sce in Arabic)
800	BES	Belnem	450	TWR Bonaire: 2130-2300 in Spanish (50 kW); 2300-0000 in English (225 kW); 0000-0300 in Spanish (440 kW); 0300-0800 in Spanish (225 kW); 0800-1000 in Portuguese (440 kW); 1000-1100 in Spanish (225 kW); 1100-1200 in Spanish (100 kW); 1200-1230 in Spanish (50 kW)
801	KRE	Kimchaek	500	Pyongyang BS: 2030-1730 in Korean
810	MKD	Sveti Nikole-Skopje	100	R Makedonija: 1830-1900mo-fr Balkan Music; 1830-0400sa in Macedonian; 1900-1930mo-fr in Bulgarian; 1930-2000mo-fr in Greek; 2000-2030mo-fr in Albanian; 2030-2100mo-fr in Serbian; 2100-0400mo-fr in Macedonian
837	CHN	Quanzhou, Fujian	1000	CNR-5 (Taiwan 1): 2100-1600 in Chinese to Taiwan
855	KRE	Sangwon	500	Pyongyang BS: 2100-2030 in Korean
864	ARM	Gavar	1000	TWR 1655-1755 in Central Asian languages
873	CHN KRE MDA	Xiamen, Fujian Sinuiju Chişinău	200 500 50	China Huayi Broadcasting Company: 24h in Chinese Pyongyang BS: 1800-2000 in Korean RFE/RL via R Moldova: 1825-1855sa/su in Romanian, 1915-1945mo in Russian, 2030-2100mo in Romanian, 2130-2200sa in Russian
882	CLN	Putalam	350	TWR Radio 882: 2230-0100 & 1330-1630 in South Asian languages
900	CHN	Dehong, Yunnan	50	China R Int: 0200-0300, 0700-0800, 1400-1500 in Burmese
909	BOT	Moepeng Hill	600	Voice of America: 0300-0400 in English; 0400-0500mo-fr Studio 7 in Shona & Ndebele; 0400-0500sa/su in English; 0500-0700 in English, 1600-1700 in English; 1700-1800 Studio 7 in Shona & Ndebele; 1800-1900mo-fr Studio 7 "Live Call"; 1800-1900sa/su in English; 1900-2100 in English
	CHN	Quanzhou, Fujian	300	CNR-6 (Taiwan 2): 2200-1600 in Amoy, Hakka & Chinese to Taiwan
927	TJK	Orzu	300	NHK World R Japan relay: 1600-1630 in Russian; 1630-1700 in Persian; 1700-1745 in Urdu
945	AGL	Luanda-Mulenvos	25	R Nacional de Angola International Sce: 2000-2100mo-sa in Lingala; 2100-2200mo-sa in French; 2200-2300mo-sa in English; 2300-0000mo-sa in Portuguese (all one hour later on Sundays)
963	CHN TUN	Hudian, Jilin Tunis	200 100	China R Int: 1000-1600 in Russian R Tunis Chaîne Int: 0500-1303 in French; 1303-1330 in English; 1330-1400 in Italian; 1400-1903 in French; 1903-1930 in Spanish; 1930-2000 in German; 2000-0100 in French
972	KOR TJK	Dangjin Orzu	500 800	KBS Global Korean Network 1: 0350-0000 in Korean Voice of America: 1400-2000 VOA Urdu ; 2000-2100 Deewa R in Pashto; 2100-0000 VOA Urdu; 0000-0100 Deewa R in Pashto; 0100-0200 VOA Urdu (VOA News in English is on the hour at certain times)
981	THA TWN	Bangkok Hsinfeng	10 250	NHK World R Japan over Thamsat Univ R 1230-1300mo-fr in Thai Voice of Kuanghua: 0755-0005 in Chinese
999	PMR	Grigoriopol	150	TWR Europe: 1830-2000 in Ukrainian, Russian and Belarusian
1017	CHN	Changchun, Jilin	200	China R Int: 1100-1600 & 2100-2300 in Korean
1035	EST	Tartu	100	Family R Eli: 0300-0700 & 1500-2200 in Russian
1044	CHN	Changzhou, Jiangsu	1000	China R Int: 1100-1600 in Japanese

1071	CZE SYR	Ostrava-Svinov Ceské Budejovice Tartus	5 5 100	ČRo 1 Plus: 2134-2139mo-fr & 0005-0010 with R Prague news in English ČRo 1 Plus: 2134-2139mo-fr & 0005-0010 with R Prague news in English Alnour R: 24h in Arabic to Lebanon
1080	CHN IRN	Xuanwei, Yunnan Bandar-e Mahshahr	200 600	China R Int: 1130-1230 in Thai; 1230-1330 in Lao; 1330-1430 in Thai; 1430-1530 in Lao; 1600-1800 in English IRIB WS: 1630-0330 in Arabic, including Neda al-Bahrain at 1700-2000
1089	CHN	Fuzhou, Fujian	600	CNR-6 (Taiwan 2): 2200-1600 in Amoy, Hakka & Chinese to Taiwan
1098	IRN TWN	Zabol Kouhu	200 300	IRIB WS: 0130-0230 in Urdu; 0300-0630 in Dari; 0720-0820 in Pashto; 0820-1450 in Dari; 1550-1720 in Tajik R Taiwan Int: 1300-1705 in Chinese
1116	CHN	Daowu, Fujian	600	CNR-5 (Taiwan 1): 2100-1600 in Chinese to Taiwan
1125	CLN	Putalam	35	SLBC: 0630-0800fr Islamic Prayers
1143	KOR TJK	Goyang Yangiyul	100 150	R Free Korea: 0700-2300 in Korean Voice of Tajik: 0200-0400 in Tajik; 0400-0600 in Persian; 0600-0800 in Dari; 0800-1000 in Russian; 1000-1100 in Uzbek; 1100-1200 in Hindi; 1200-1300 in Arabic; 1300-1400 in English; 1400-1600 in Tajik; 1600-1800 in Persian
1161	IRN	Qasr-e Shirin	600	IRIB WS: 0130-0420 & 1620-2030 in Arabic
1170	INS KOR SWZ	Simalungun Kimje Mpangela Ranch	500 100	NHK World R Japan over R Rasita 1440-1445 in Indonesian KBS Global Korean Network 2: 1000-1100 in Korean; 1100-1300 in Japanese; 1300-1400 in Chinese; 1400-0400 in Korean TWR Africa: 1800(1745sa)-2200 in English, Zulu, Shona and Nda
1180	USA	Marathon FL	100	R Marti: 24h in Spanish for Cuba
1188	CHN KOR	Anning, Yunnan Daebu	300 100	China R Int: 1100-1200 in Burmese; 1200-1300 in English; 1300-1400 in Bengali; 1400-1500 in Nepalese; 1500-1600 in English; 1600-1700 in Hindi HLKX, FEBC Korea: 0000-1100 in Korean; 1100-1500 relay VOA in Korean; 1500-1900 relay RFA in Korean; 1900-2000 in Chinese; 2000-0000 in Korean
1224	CHN IRN	Xiamen, Fuzian Kish Island	100 300	CNR-6 (Taiwan 2): 2200-1600 in Amoy, Hakka & Chinese to Taiwan IRIB WS: 24h in Arabic, including Neda al-Bahrain at 0900-1200
1233	CYP	Cape Greco	600	Monte Carlo Doualiya: 0330-2020 in Arabic; TWR: 2025-2155 in Arabic
1242	VTN	Can Tho	500	Voice of Vietnam: 1330-1430 in Lao; 1430-1500 in Thai; 1500-1600 in Vietnamese; 1600-1630 in Cambodian
1251	TJK	Yangiyul	100	BBC WS relay: 0200-0230 in Tajik; 0330-0430 in Persian; 0930-1000 in Tajik; 1000-1030tu-sa in English; 1000-1030su/mo in Pashto; 1300-1330mo-fr in Uzbek; 1300-1330sa/su in Pashto; 1330-1400 in Uzbek; 1400-1500 in Tajik; 1700-1800 in English; 1800-1830 in Tajik; 1830-1900 in Pashto
1269	CHN	Xuanwei, Yunnan	600	China R Int 1200-1300 in English; 1300-1400 in Hindi; 1400-1500 in Bengali; 1600-1800 in Hindi
1296	AFG	Pol-e Charkhi, Kabul	400	VOA & RFE/RL relays: 0030-0230 R Ashna in Pashto/Dari; 0230-1430 R Azadi in Pashto/Dari; 1430-1730 R Ashna in Pashto/Dari
1296	CHN	Anning, Yunnan	300	China R Int: 1100-1700 in Vietnamese
1314	NOR	Erdal	0.7	LKB/LLK Bergen Kringkaster in Norwegian and English: 0855-1600; The Ferry in Norwegian and English: 1600-2310, incl Voice of Free Gospel

1323	CHN	Hudian, Jiling	600	China R Int: 1100-1600 & 2100-2300 in Korean
	CHN	Hutubi, Xinjiang	500	China R Int: 1100-1200 in Russian; 1200-1300 in Mongolian; 1300-1500 in Russian; 1500-1800 in English
	CHN	Shuangyashan, Heil.	100	China R Int: 1100-1600 in Russian
1341	CHN	Huadu, Guangdong	100	China R Int: 1200-1400 in English; 1430-1500 in Filipino
1350	ARM	Gavar	1000	TWR: 1800-1830 in Turkish; 1930-2200 in Arabic
1377	ARM	Gavar	1000	TWR: 1800-2000 in Sorani Kurdish, Gilkai, Qashqa'i and Persian to Iran
1386	LTU	Viešintos	75	R Baltic Waves Int with foreign relays: 0330-0400 NHK World R Japan in Russian; 0400-0500 R Poland in Belarusian; 0500-0530 R Poland in Ukrainian; 1300-1400 R Poland in English; 1530-1600 R Poland in Polish; 1600-1630 R Poland in Russian; 1630-1700 R Poland in German; 1730-1800 NHK World R Japan in Russian; 1800-2100 RFE/RL R Svoboda in Russian
1395	ARM	Gavar	1000	International Public R of Armenia: 1600-1630 in Kurdish-Kurmanji. 1630-1645 in Kurdish-Yezidi; 1645-1700 in Persian; 1700-1715mo-fr in Turkish; 1715-1730 V of Free Talyshistan in Talysh; 1730-1745 in Azeri
	IRN	Gorgan	50	IRIB WS: 1420-1820 in Turkmen
1413	OMA	A'Seela	800	BBC WS: 0030-0100 in Dari; 0100-0230 in English; 0330-0430 in Persian; 1300-1800 in English; 1800-1900 in Pashto; 1900-2100 in English
	PMR	Grigoriopol	500	Vesti FM: 24h in Russian
1422	CHN	Hutubi, Xinjiang	500	China R Int: 1300-1400 in Hindi; 1400-1600 in Urdu; 1600-1700 in Hindi
	TWN	Minhsiung	100	R Taiwan Int: prgrs in Indonesian, Thai and Vietnamese at certain times
1431	DJI	Dorale	600	1530-1600 VOA Learning English, 1600-1700 English, 1700-1800 Somali, 1800-1830 English, 1830-2030 French, 2030-2100mf South Sudan in Focus in English, 2030-2100ss VOA Learning English in French, 2100-0330 VOA Music Mix
1449	IRN	Bandar-e-Torkamen	400	IRIB WS: 1320-1420 in Russian; 1420-1820 in Turkmen
1467	F	Roumoules	1000	TWR: 2045-2115mo-fr in Polish; 2115-2145mo-sa in Kabyl;
	KGZ	Bishkek	500	TWR (PANI): 1315-1645 in PANI languages
1476	BEN	Parakou	200	TWR Africa: 0320(0430su)-0550(0515su) and 1726-1929 to West Africa <i>no transmission on Saturday mornings</i>
1494	MDA	Cahul	20	RFE/RL via R Moldova: 1825-1855sa/su in Romanian, 1915-1945mo in Russian, 2030-2100mo in Romanian, 2130-2200sa in Russian
	MDA	Edineț	20	RFE/RL via R Moldova: 1825-1855sa/su in Romanian, 1915-1945mo in Russian, 2030-2100mo in Romanian, 2130-2200sa in Russian
1503	BIH	Zavidovići	1	RFE/RL via R 1503 in Bosnian: 0700-0800, 1400-1430, 1700-1730, 2100-2200, 2300-0000
1521	CHN	Hutubi, Xinjiang	500	China R Int: 0000-0200 & 1100-2000 in Russian
1530	STP	Pinheira	600	Voice of America: 0300-0430 in English; 0500-0530 in Hausa; 0530-0600mo-fr in French; 0600-0700 in English; 1600-1700 in English; 1700-1800 in Portuguese; 1830-2000 in French; 2000-2200 in English
1548	CLN	Trincomalee	400	AWR: 1430-1500 in Telugu, 1500-1530 in Tamil, 1530-1600 in Hindi <i>(off-air as of 15 December 2020)</i>
	KWT	Umm al-Rimam	600	R Sawa: 24h in Arabic
	PMR	Grigoriopol	500	TWR Europe: 1930-2130 in Romani, Bulgarian, Hungarian, Bosnian, Montenegrin and Serbian
1550	ALG	Rabouni	50	Nat R of SADR (Polisario): 1700-2300 in Arabic & Hassaniyya

1557	TWN	Kouhu	300	R Taiwan Int: 0900-1700 in Chinese; R Free Asia: 1900-2200 in Chinese
1566	BEN KOR	Parakou Jeju	100 250	TWR Africa: 0430-0505(0520sa/su) and 1855-2215 to West Africa HLAZ, FEBC Korea: 0000-1000 in Korean; 1000-1100 relay RFA in Korean; 1100-1230 in Chinese; 1230-1345 in Japanese; 1345-1630 in Chinese; 1630-1700 in Russian; 1700-1800 relay VOA in Korean; 1800-0000 in Korean
1575	MAU THA	Bigara Ban Phachi	2 1000/ 500	BBC WS: 24h relay in English VOA relays & R Saranrom: 2130-2200 VOA Vietnamese; 2200-2230 VOA Cambodian; 2230-0000su-th RS Thai; 0000-0030 VOA Burmese; 1030-1100 RS Thai; 1100-1130tu-fr RS Thai; 1100-1130mo RS English; 1130-1200mo-fr VOA Rohingya; 1130-1200sa/su VOA English; 1200-1230mo-fr RS Thai; 1230-1300 VOA Lao; 1330-1430 VOA Cambodian; 1430-1500 VOA Burmese; 1500-1530 RS Thai; 1530-1600 VOA Burmese; 1600-1600 VOA Bengali; 1630-1700 VOA Learning English
1593	KWT	Umm al-Rimam	150	R Sawa: 24h in Arabic
1602	FIN	Virrat	0.4	Scandinavian Weekend R: 2200fr-2200fr on certain dates in Finnish & English
1611	NOR	Erdal	0.3	Radio Northern Star via LKB/LLK Bergen Kringkaster in Norwegian and English: 0420-2310, includes programmes from Voice of Free Gospel

BRITISH DX CLUB

GUIDE TO EXTERNAL SERVICES OF THE WORLD ON MEDIUMWAVE

Compiled by Tony Rogers

with thanks to Dave Kenny, Alan Pennington and members of the British DX Club

and acknowledging the following for regularly providing news and information on the current DX scene:

Asiawaves (Alan Davies)
DX India (Jose Jacob)
EiBi Schedules (Eike Bierwirth)
hard-core-dx.com
MWList (Günter Lorenz)
Nagoya DXers Circle (including Aoki List)
Pacific-Asian Log (Bruce Portzer)
RUS-DX (Anatoly Klepov)
World of Radio / WOR io group (Glenn Hauser)
WRTH Online (for latest updates to WRTH)
WWDXC Top News / BC-DX (Wolfgang Bueschel)
Ydun's Medium Wave Info (Ydun Ritz)

This guide provides information about External Services on mediumwave.
Some of this could become outdated with time. If you could provide updated information
or if you spot any errors, please contact the editor at tony@bdxc.org.uk. Thank you!