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Middle East and Caucasus on Shortwave



**Guide to shortwave broadcasting
in the Middle East and Caucasus**

April 2024 (A24)

Middle East & Caucasus on Shortwave

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

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Armenia

Public Radio of Armenia

Public Radio of Armenia (Armenian: Hayastani Hanrayin Radio) is the public radio broadcaster in Armenia.

International Public Radio of Armenia is the international broadcasting service, established in 1967 under the label Radio Yerevan. International Public Radio of Armenia broadcast on shortwave until 2018, then switching to online broadcasts, although some services to neighbouring countries are still aired on mediumwave.

International relays on shortwave

Radio CJSC

Radio CJSC is the successor of Noratus Radio Station, established in 1965. It is located in Noratus at Lake Sevan, 40 miles north-east of Yerevan. The Center's technical capacity has been regularly upgraded, most recently in 1990, when a new unit with a powerful relay station and a set of antennae was completed. Privately held, Radio CJSC is a broadcaster on both mediumwave and shortwave. It is one of the largest and technically best-equipped in the former USSR. The two entries below are believed to originate from Gavar but are not registered with the HFCC and are therefore subject to confirmation. There may be other relays from Gavar but are not yet listed here.

Transmitter site: Gavar, near Noratus, Gegharkunik.

Time/UTC	Days	Station	Language	kHz	kW	Target area	Status
1430-0100	Daily	Radio Afghanistan International	Pashto	7600	100	Afghanistan	not currently heard
1700-1800	Daily	Radio Erena	Tigrinya	9585	100	Horn of Africa	active



Azerbaijan

Azərbaycan Radiosu

Azərbaycan Radiosu is the state radio service of Azerbaijan TV and Radio Broadcasting. All broadcasting is on FM only with mediumwave and shortwave transmitters having closed.

Bahrain

Bahrain Radio and Television Corporation

Bahrain Radio and Television Corporation (BRTC) is a public broadcaster in Bahrain with headquarters in Manama. The BRTC is owned by the government of Bahrain and under the control of the Information Affairs Authority. All domestic services operate on FM with four also on mediumwave, but the shortwave transmitter on 9745 kHz that had broadcast a relay of Shabab FM has been off-air since June 2019.

Georgia

Georgian Public Broadcaster

Tbilisi-based Georgian Public Broadcaster (GPB) is the public broadcasting service in Georgia. The Radio Georgia foreign service was closed in 2005.

Abkhazia

Abkhazia is a partially recognised state controlled by a separatist government on the eastern coast of the Black Sea and the south-western flank of the Caucasus. It considers itself an independent state, called the Republic of Abkhazia or Apsny. This status is recognised by Russia, Nicaragua, Venezuela, Nauru. The Georgian government, the UN and the majority of the world's governments consider Abkhazia a part of Georgia's territory, though Georgia does not control it. Under Georgia's official designation it is an autonomous republic, called the Autonomous Republic of Abkhazia.

Abkhaz Radio (Apsua Radio)

Abkhaz Radio has been on the air since 1992 broadcasting from Sukhumi, capital of the self-declared Republic of Abkhazia in NW Georgia. It broadcasts programmes in Abkhaz, Georgian and Russian, and when not carrying its own programmes relays various other services from Moscow or the neighbouring Russian North Caucasus region.

For many years, Abkhaz Radio was broadcast on either or both mediumwave 1350 kHz and shortwave 9535v kHz. The shortwave transmitter was last reactivated in early December 2021 after the mediumwave unit on 1350 kHz seemingly developed a fault and left the air. However it was last reported on 9535v kHz in July 2022 and is presumably inactive once again.

Iran

Islamic Republic of Iran Broadcasting

IRIB is an Iranian media corporation which holds the monopoly of domestic radio and television in the Islamic Republic of Iran. IRIB says it is independent of the Iranian government.

External broadcasting on shortwave

IRIB World Service

IRIB World Service, also known as Pars Today, is the official international broadcasting radio network of Iran. The radio network started to work in 1956 with the aim of familiarising different world nations with Iran's history and culture as well as its different regions and historical sites. Following the Iranian Revolution, elaborating on the revolution's stances and the ideals of the Islamic Republic system were put high on the radio's agenda. The schedule includes news and talk programmes, political and religious commentaries, etc.

IRIB Arabic Radio

IRIB Arabic Radio is part of IRIB World Service which provides a 24/7 service for listeners in the Arab World. These are the HFCC registrations for A24:

<i>kHz</i>	<i>Days</i>	<i>Time/UTC</i>	<i>Site</i>	<i>kW</i>	<i>comments</i>
9840	Daily	1430-1730	Sirjan	500	unconfirmed
15150	Daily	0930-1130	Sirjan	500	unconfirmed
15240	Daily	0600-0830	Sirjan	500	unconfirmed
15240	Daily	0930-1130	Sirjan	500	has been confirmed for A24
15240	Daily	1130-1430	Sirjan	500	unconfirmed
15380	Daily	1130-1430	Sirjan	500	unconfirmed
15430	Daily	0600-0830	Sirjan	500	unconfirmed
15430	Daily	0830-1030	Sirjan	500	has been confirmed for A24

During the B23 season only 15460 kHz (0930-1130) and 15480 kHz (1130-1730) were confirmed for IRIB Arabic.

IRIB World Service / Pars Today

IRIB World Service, also known as Pars Today, is the official international broadcasting radio network of Iran.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Site</i>	<i>kW</i>	<i>Target area</i>	<i>Alt. freqs</i>
0050-0220	Daily	Tajik	6000	Sirjan	500	Afghanistan	9790
0420-0550	Daily	Turkish	15240	Sirjan	500	Turkey	15340 15430
0450-0550	Daily	Swahili	15120	Sirjan	500	East Africa	
0550-0650	Daily	Hausa	15120	Sirjan	500	West Africa	15260 15340
0550-0820	Daily	Dari	11730	Sirjan	500	Afghanistan	11985 15310
0920-1250	Daily	Dari	11730	Sirjan	500	Afghanistan	11945 15230 15440 15470 5620
1050-1120	Daily	Hausa	15430	Sirjan	500	West Africa	15560 15600
1150-1220	Daily	Hebrew	15430	Sirjan	500	Middle East	15150
1220-1320	Daily	Pashto	9790	Sirjan	500	Afghanistan	9795
1320-1420	Daily	Kurdish	9790	Sirjan	500	Middle East	9715

1420-1520	Daily	Hindi	11640	Sirjan	500	South Asia	
1420-1520	Daily	Bengali	11945	Sirjan	500	South Asia	12055
1520-1620	Daily	English	11640	Sirjan	500	South-East Asia	11645
1620-1650	Daily	Bengali	11640	Sirjan	500	South Asia	11750 11850
1620-1720	Daily	Armenian	7255	Sirjan	500	Caucasus	7305
1650-1820	Daily	Turkish	9870	Sirjan	500	Middle East	
1820-1920	Daily	Albanian	5990	Sirjan	500	Europe	7310 7325
1820-1920	Daily	Hausa	9870	Sirjan	500	West Africa	9740
1920-2020	Daily	English	9835	Sirjan	500	Southern Africa	9830

Target broadcasts from Iran

Voice of Palestine, Voice of the Islamic Palestinian Revolution

"Voice of Palestine, Voice of the Islamic Palestinian Revolution" broadcasts from Iran in support of Palestinian groups. Dave Kernick commented on 20 November 2023: "After two weeks of trying to track this down Voice of Palestine, Voice of the Islamic Palestinian Revolution on Iran's state broadcaster IRIB/VIRI I heard it on 20 November at 1830-1930 UT on 1224 kHz with clear reception via a Qatar-based webSDR, with 765 kHz in parallel offering very poor reception (co-channel Saudi Koran Programme). A quick sweep of the 49 and 41-metre bands didn't turn up any shortwave frequencies. It was in Arabic of course, and VIRI's website (radio.irib.ir) also streamed it in their Arabic Service. Various sources list a 0320-0420 UT broadcast, but I couldn't trace that on 1224 kHz or the SW frequencies cited, nor on the Arabic Service web stream". (David Kernick, Interval Signals Online, WOR iog)

Target broadcasts to Iran

Iran International

Iran International was first heard on shortwave on 19 November 2019 with an audio feed from its London-based satellite TV service, seemingly in response to an Internet blackout in Iran caused by civil unrest in several towns and cities. Iran International's website says its service was launched in May 2017 and "its mix of rolling news, current affairs and documentaries, sport, lifestyle, health and technology, (is) programmed to attract a wide audience, especially younger people. Iran International is a privately-owned UK entity, the first of a family of channels aiming eventually to target other communities and other languages". As of April 2024, Iran International has not been heard on either of its usual freqs.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>	<i>Status</i>
0230-1630	Daily	Persian	15630v	Tashkent, Uzbekistan	100	not currently heard
1630-0230	Daily	Persian	5830v	Tashkent, Uzbekistan	100	not currently heard

Radio Ranginkaman (Radio Rainbow)

Radio Ranginkaman is a radio station for LGBT communities in Iran, Afghanistan, and Tajikistan.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1630-1700	Daily	Persian	7610	Tashkent, Uzbekistan	100

Note: reported to include BBC English teaching programme "Better Speaking" on Fridays.

Radio Farda

Radio Farda ("Radio Tomorrow") is the Iranian branch of the U.S. government-funded Radio Free Europe/Radio Liberty (RFE/RL) external broadcast service. It broadcasts 24 hours a day in the Persian language from its HQ in Prague. These are the frequencies registered for A24:

<i>kHz</i>	<i>Days</i>	<i>Time/UTC</i>	<i>Site</i>	<i>kW</i>
5860	Daily	24 hours	Umm al-Rimam, Kuwait	250
7435	Daily	1100-1400	Umm al-Rimam, Kuwait	250
9370	Daily	0300-1230	Umm al-Rimam, Kuwait	250
9370	Daily	1630-2000	Umm al-Rimam, Kuwait	250
12005	Daily	1100-1300	Lampertheim, Germany	100
12005	Daily	1300-1800	Woofferton, UK	250
12005	Daily	1800-2030	Lampertheim, Germany	100
15690	Daily	0230-0530	Udon Thani, Thailand	250
15690	Daily	0530-1630	Biblis, Germany	100
17690	Daily	0230-0930	Udon Thani, Thailand	250
17830	Daily	0830-1200	Biblis, Germany	100
17830	Daily	1200-1530	Lampertheim, Germany	100

Iraq

Iraqi Media Network - Republic of Iraq Radio

Republic of Iraq Radio is the state broadcasting radio station in Iraq, operated by the Iraqi Media Network. It broadcasts mainly on FM, with a single mediumwave transmitter still operational on 792 kHz in Baghdad. There is no shortwave broadcasting from Iraq with Republic of Iraq Radio ceasing just before the fall of the Saddam Hussein regime.

Israel

Kan

State broadcasting in Israel is operated by the Israeli Public Broadcasting Corporation, branded as Kan, an Israeli governmental body founded in 2015 to replace the Israel Broadcasting Authority after the Israeli Public Broadcasting law ordered its closure. Its debut date was postponed several times but eventually opened on 15 May 2017.

International broadcasting on shortwave

All shortwave services directly from transmitters in Israel, with the exception of Persian, ended on 31 March 2008. The Persian service was later closed on 30 June 2013.

Although it does not broadcast from transmitters in Israel, a Kan programme in English that forms part of the World Radio Network (WRN) stream for North America has been re-broadcast on shortwave by WRMI (Radio Miami International). However, it has not been heard during the A24 season so far.

Jordan

Jordan Radio and Television Corporation

Jordan Radio and Television Corporation (JRTC) is the state broadcaster of Jordan. Radio Jordan operates on a single mediumwave transmitter at the current time. All shortwave transmissions were discontinued several years ago.

Target broadcasts to Kurdistan

Kurdistan or Greater Kurdistan is a roughly defined geo-cultural historical region wherein the Kurdish people form a prominent majority population and Kurdish culture, languages, and national identity have historically been based. Kurdistan roughly encompasses the northwestern Zagros and the eastern Taurus mountain ranges. The territory corresponds to Kurdish irredentist claims.

Contemporary use of the term refers to the following areas: southeastern Turkey (Northern Kurdistan), northern Iraq (Southern Kurdistan), northwestern Iran (Eastern Kurdistan), and northern Syria (Rojava or Western Kurdistan). Some Kurdish nationalist organisations seek to create an independent nation state consisting of some or all of these areas with a Kurdish majority, while others campaign for greater autonomy within the existing national boundaries. (Wikipedia)

Radyoya Dengê Gel

Radyoya Dengê Gel (Radio Voice of the People) presents classical and modern music, poetry and songs, programmes and news broadcasts from the four parts of Kurdistan in the Kurmancî, Soranî, Dimilkî, Hewramî and Kelhorî dialects of Kurdish. Dengê Gel studios are located in the town of Denderleeuw 20 km north-east of Brussels.

Time/UTC	Days	Languages	range (kHz)	Transmitter site	kW	Target area
0330-1600	Daily	Kurdish dialects	11510-11550	presumably Tashkent, Uzbekistan	100	Middle East
1600-2200	Daily	Kurdish dialects	7440-7460	presumably Tashkent, Uzbekistan	100	Middle East

Note: Radyoya Dengê Gel may move to an adjacent frequency within the range of 11510-11550 kHz between 0330-1600 and 7440-7460 kHz between 1600-2200 in order to avoid the Turkish jammer which shadows it.

Turkish jamming of Radyoya Dengê Gel

A station referred to by some listeners as "Radio Recep Erdogan" (after the Turkish president) has been heard shadowing Radyoya Dengê Gel. It appears to be a counter-broadcast from Turkey with military music, the Turkish national anthem and speeches by President Erdogan. At times the two broadcasts have played cat and mouse, varying their frequencies but often clashing on the same frequency. The Turkish jamming, or counter-broadcast appears to be a 30 (or 60) minute loop recording without any station ID. The same broadcast is/has been carried on the Turksat satellite at 42 degrees East on a transponder which previously carried a feed of the former TRT Arabic mediumwave service. So it would seem that TRT is closely involved in this jamming operation, which is likely to be using a TRT SW transmitter at Emirler.

IRIB Kurmanci Radio

Kurmanci Radio is the Kurdish-language service of IRIB World Service. The service is aired on just one shortwave frequency between 1320-1420, but is also aired on mediumwave at other times (see MW guide for details)

Time/UTC	Days	Language	Transmitter site	kHz	kW
1320-1420	Daily	Kurdish	Sirjan, Iran	9715	500



VOA Kurdish

VOA's Kurdish service was established in 1992. In addition to shortwave, the programmes air on FM affiliates in several cities in Iraq (Erbil, Sulaymaniyah, Kirkuk, Mosul, Baghdad, and Basra). VOA Kurdish also produces video reports that are streamed on both of its websites (Kurmanji and Sorani). The service's target audience consists of more than 30 million Kurds living in the Middle East and Eurasia and approximately one million Kurds living in Europe and North America. Audience research indicates that the broadcasts are popular among listeners in Iran, Iraq, Syria, and Turkey. The daily radio shows offer extensive regional and international news coverage, interviews with experts and newsmakers, stringer reports and panel discussions with Kurds in the greater Middle East and in the diaspora,

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>Transmitter site</i>	<i>kW</i>
1400-1500	Daily	Kurdish	11985	Biblis, Germany	100
			15610	Santa Maria di Galeria, Vatican	250
1700-1800	Daily	Kurdish	7525	Biblis, Germany	100
			9820	Udon Thani, Thailand	250
			11905	Biblis, Germany	100

Kuwait

Radio of the State of Kuwait

Radio of the State of Kuwait (Radio Kuwait) is the state broadcasting service of Kuwait.

International broadcasting on shortwave

Shortwave transmissions have been reduced considerably and at the current time the follownig are known to be on air:

Transmitter site: Kabd.

<i>Time/UTC</i>	<i>Station</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Target area</i>	<i>Notes</i>
0800-1000	Persian Service	Persian	7250	250	Middle East	
0945-1330	Main Arabic Programme	Arabic	15110	250	Europe	DRM (absent on some days)

Not heard recently:

Until it can be confirmed otherwise, it is assumed that there are no other shortwave transmissions originating from Radio Kuwait at the present time. These are some of the last known transmissions that may have been on-air at one time or another in the last couple of years or so and are possibly worth checking:

<i>Time/UTC</i>	<i>Station</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Target area</i>	<i>Notes</i>
0300-0630	Main Arabic Programme	Arabic	5960	250	Middle East	
0500-0800	Easy FM	English	11970	250	South Asia	DRM
			15530	250	Europe	
0500-0900	Main Arabic Programme	Arabic	15515	250	East Asia	
1000-1200	Radio Pinoy	Filipino	17760	250	South-East Asia	
1100-1330	Main Arabic Programme	Arabic	9750	250	Europe/North Africa	
1400-1600	Holy Quran Programme	Arabic	11630	250	West/Central Africa	
1600-1800	RK Urdu 93.3	Urdu	15540	250	South Asia	
1800-2100	Easy FM	English	15540	250	Europe	DRM

Many thanks to Rihards Millers for monitoring Radio Kuwait and confirming those broadcasts that are currently on air (and those that are inactive)

USAGM relays

USAGM Kuwait "George A Moore Jr" Transmitting Station

The USAGM Kuwait "George A Moore Jr" Transmitting Station was inaugurated in 2003 by the IBB.

Transmitter site: Umm al-Rimam.

<i>Time/UTC</i>	<i>Days</i>	<i>Station</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Target area</i>
24 hours	Daily	Radio Farda	Persian	5860	250	Iran
0000-0100	Daily	Voice of America	Tibetan	9860	250	Tibet & environs
0100-0200	Daily	Radio Free Asia	Tibetan	9410	250	Tibet & environs
				11965	250	Tibet & environs
0100-0200	Daily	Radio Free Asia	Uighur	9780	250	Xinjiang & environs
				11640	250	Xinjiang & environs
				12005	250	Xinjiang & environs
				12015	250	Xinjiang & environs
				12025	250	Xinjiang & environs
				12000	250	Xinjiang & environs
				12015	250	Xinjiang & environs
				12025	250	Xinjiang & environs
				11995	250	Xinjiang & environs
				9865	250	Tibet & environs
0200-0300	Daily	Radio Free Asia	Tibetan	11895	250	Tibet & environs
	Mo/We/Fr			11820	250	Tibet & environs
	Tue/Thu			11925	250	Tibet & environs
	Sat/Sun					

0300-0400	Daily	Deewa Radio	Pashto	9840	250	Afghanistan
0300-0400	Daily	Radio Free Asia	Chinese	12065	250	China
0300-0400	Daily	Voice of America	Tibetan	15250	250	Tibet & environs
0330-0400	Daily	Voice of America	Somali	13680	250	Horn of Africa
0300-1230	Daily	Radio Farda	Persian	9370	250	Iran
0400-0500	Daily	Radio Mashaal	Pashto	12130	250	Afghanistan/Pakistan
0400-0500	Daily	Radio Free Asia	Chinese	13750	250	China
0430-0500	Mon-Fri	Voice of America	Kinyarw/Kir	11995	250	East Africa
0430-0530	Daily	Radio Azadi	Dari	15090	250	Afghanistan
0500-0600	Daily	Voice of America	Tibetan	15205	250	Tibet & environs
0500-0600	Daily	Radio Free Asia	Chinese	17800	250	China/East Asia
0530-0630	Daily	Radio Azadi	Pashto	15090	250	Afghanistan
0600-0700	Mo/We/Fr	Radio Free Asia	Tibetan	17670	250	Tibet & environs
	Tu/Th/Sa/Su			17750	250	Tibet & environs
0630-0730	Daily	Radio Azadi	Dari	15090	250	Afghanistan
0700-1000	Daily	Radio Mashaal	Pashto	15365	250	Afghanistan/Pakistan
				15750	250	Afghanistan/Pakistan
0730-0830	Daily	Radio Azadi	Pashto	15090	250	Afghanistan
0830-0930	Daily	Radio Azadi	Dari	15090	250	Afghanistan
0930-1030	Daily	Radio Azadi	Pashto	15090	250	Afghanistan
1000-1100	Daily	Radio Free Asia	Tibetan	13740	250	Tibet & environs
1030-1130	Daily	Radio Azadi	Dari	15090	250	Afghanistan
1100-1400	Daily	Radio Farda	Persian	7435	250	Iran
1130-1230	Daily	Radio Azadi	Pashto	15090	250	Afghanistan
1200-1300	Daily	Radio Free Asia	Tibetan	12055	250	Tibet & environs
1230-1330	Daily	Radio Azadi	Dari	15090	250	Afghanistan
1300-1400	Daily	Radio Free Asia	Tibetan	11995	250	Tibet & environs
1300-1700	Daily	Deewa Radio	Pashto	13820	250	Afghanistan
1400-1500	Daily	Voice of America	Tibetan	9445	250	Tibet & environs
1430-1500	Daily	Radio Ashna	Pashto	11575	250	Afghanistan
1500-1530	Daily	Radio Ashna	Dari	11575	250	Afghanistan
1500-1600	Daily	RFE/RL	Turkmen	9525	250	Central Asia
1500-1600	Daily	Radio Free Asia	Chinese	9940	250	China/East Asia
1500-1530	Daily	Radio Ashna	Dari	11575	250	Afghanistan
1530-1600	Daily	Radio Ashna	Pashto	11575	250	Afghanistan
1600-1630	Daily	Radio Ashna	Dari	11575	250	Afghanistan
1600-1700	Mon	Radio Free Asia	Uighur	9340	250	Xinjiang & environs
	Tue			9325	250	Xinjiang & environs
	Wed			9335	250	Xinjiang & environs
	Thu			9340	250	Xinjiang & environs
	Fri			9325	250	Xinjiang & environs
	Sat			9335	250	Xinjiang & environs
	Sun			9480	250	Xinjiang & environs
1600-1700	Daily	Radio Sawa	Arabic	15445	250	Sudan
1630-1700	Daily	Radio Ashna	Pashto	11575	250	Afghanistan
1630-2000	Daily	Radio Farda	Persian	9370	250	Iran
1700-1730	Daily	Radio Ashna	Dari	11575	250	Afghanistan
1700-1800	Daily	Radio Free Asia	Chinese	9360	250	China/East Asia
1700-1800	Daily	Voice of America	Somali	15730	250	Horn of Africa
1800-1900	Daily	Voice of America	Amharic	12070	250	Horn of Africa
1800-1900	Daily	Radio Free Asia	Chinese	12110	250	China
1900-1930	Daily	Voice of America	Tigrinya	12070	250	Horn of Africa
1930-2000	Daily	Voice of America	French	9490	250	Africa
2030-2100	Daily	Voice of America	Hausa	12070	100	West Africa
2100-2200	Daily	Radio Free Asia	Chinese	7435	250	China/East Asia
				9685	250	China/East Asia
2200-2300	Daily	Radio Free Asia	Tibetan	7485	250	Tibet & environs
				9380	250	Tibet & environs
				7355	250	Tibet & environs
				7365	250	Tibet & environs
				7520	250	Tibet & environs
				9655	250	Tibet & environs
				7360	250	Tibet & environs
				9920	250	Tibet & environs
				7520	250	Tibet & environs
				7520	250	Tibet & environs
2300-0000	Daily	Radio Free Asia	Chinese	9535	250	China
				9720	250	China
2300-0000	Daily	Radio Free Asia	Tibetan	5950	250	Tibet & environs

Lebanon

Radio Lebanon is the state broadcasting service of Lebanon. There are currently no stations broadcasting on either mediumwave or shortwave in Lebanon. Radio Lebanon was last heard on shortwave in 1984.

Oman

Sultanate of Oman Radio

Sultanate of Oman Radio is the state-run broadcasting service in Oman. The shortwave service has been discontinued but had previously relayed the General Arabic Programme, as well as the English service. The domestic service on mediumwave gives wide coverage not only of Oman but also the Middle East and South Asia.

International relays on shortwave

BBC Eastern Relay Station

The BBC Eastern Relay Station is owned by the BBC and operated by Encompass Digital Media Services Ltd.

Transmitter site: A'Seela.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Target area</i>
0000-0200	Daily	English	11955	250	South Asia
0030-0100	Daily	Dari	6195	250	Afghanistan
0100-0130	Daily	Pashto	6195	250	Afghanistan
			7445	250	Afghanistan
0130-0200	Daily	Dari	6195	250	Afghanistan
			7445	250	Afghanistan
0200-0230	Daily	Pashto	9410	250	Afghanistan
			12095	250	Afghanistan
0230-0300	Daily	Dari	9410	250	Afghanistan
			12095	250	Afghanistan
0300-0330	Daily	Pashto	12095	250	Afghanistan
0430-0500	Daily	Dari	15310	250	Afghanistan
			17750	250	Afghanistan
0500-0530	Daily	Pashto	15310	250	Afghanistan
			17750	250	Afghanistan
0830-0900	Daily	Dari	17810	250	Afghanistan
			21470	250	Afghanistan
0900-0930	Daily	Pashto	17810	250	Afghanistan
			21470	250	Afghanistan
0930-1000	Daily	Dari	17810	250	Afghanistan
			21470	250	Afghanistan
1000-1030	Daily	Pashto	17810	250	Afghanistan
			21470	250	Afghanistan
1030-1100	Daily	Dari	17810	250	Afghanistan
			21470	250	Afghanistan
1100-1130	Daily	Pashto	17810	250	Afghanistan
			21470	250	Afghanistan
1200-1300	Daily	English	15295	250	South Asia
			17790	250	South Asia
1300-1400	Daily	English	11870	250	South Asia
			15295	250	South Asia
1400-1500	Daily	Dari	5970	250	Afghanistan
			11995	250	Afghanistan
1400-1500	Mon-Fri	Somali	12095	250	Horn of Africa
1400-1600	Sat	English	15310	250	East Africa
1500-1600	Daily	Pashto	5970	250	Afghanistan
			11995	250	Afghanistan
1500-1700	Mon-Fri	English	12095	250	East Africa
1530-1730	Sun	English	12095	250	East Africa
1600-1630	Daily	Dari	5970	250	Afghanistan
			11995	250	Afghanistan
1630-1700	Mon-Fri	Pashto	5970	250	Afghanistan
			11995	250	Afghanistan
1630-1700	Sat/Sun	Dari	5970	250	Afghanistan
			11995	250	Afghanistan
1700-1800	Daily	Dari	6150	250	Afghanistan
			9550	250	Afghanistan
1700-1900	Sat/Sun	Somali	17745	250	Horn of Africa

1730-1750	Mon-Fri	Amharic	9780	250	Horn of Africa
1750-1810	Mon-Fri	Oromo	9780	250	Horn of Africa
1800-1900	Daily	Pashto	6150	250	Afghanistan
			9550	250	Afghanistan
1810-1830	Mon-Fri	Tigrinya	9780	250	Horn of Africa
1830-1850	Mon-Fri	Amharic	9780	250	Horn of Africa
1850-1910	Mon-Fri	Oromo	9780	250	Horn of Africa
1910-1930	Mon-Fri	Tigrinya	9780	250	Horn of Africa

Qatar

Qatar Radio - Main Arabic Programme

Qatar Media Corporation (QMC) is the official broadcasting authority for the State of Qatar. As a corporation, QMC was established in 2009 to oversee media services that include Qatar Radio, the only service that operates on mediumwave in the country. Qatar was last heard on shortwave in 2002.

Saudi Arabia

Saudi Broadcasting Authority

The Saudi Broadcasting Authority (SBA) is a governmental entity of Saudi Arabia, organised under the Ministry of Culture and Information. The SBA was originally known as the Broadcasting Service of the Kingdom of Saudi Arabia (BSKSA), but was rebranded as the Saudi Broadcasting Corporation sometime towards the end of 2014/early 2015. It then got renamed again as the Saudi Broadcasting Authority in August 2018, with the abbreviation of the new name SBA designed to remove confusion with the recently-launched Saudi Broadcasting Channel (SBC).

Radio Riyadh (General Programme)

Radio Riyadh is the General Programme of SBA operating from studios in Riyadh. At the time of editing no shortwave relays of Radio Riyadh have been found on shortwave.

Holy Quran Radio

Holy Qur'an Radio broadcasts the Quran and other Islamic content from studios in Riyadh. At the time of editing no shortwave relays of Holy Quran Radio have been found on shortwave.

SBA External Service - Saudia Radio International

Saudia Radio International is the SBA service in foreign languages for listeners abroad.

Transmitter site: Riyadh.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Target area</i>
0400-0655	Daily	Swahili	15285	500	East Africa
0700-0855	Daily	Somali	13720	500	North-East Africa
0900-1155	Daily	Urdu	15120	500	South Asia (<i>was originally in Bengali at this time</i>)
0900-1155	Daily	Indonesian	21670	500	South-East Asia (<i>see comment below about SRFM</i>)
1200-1455	Daily	Urdu	13775	500	South Asia
1400-1555	Daily	Pashto	9695	500	Afghanistan
1400-1555	Daily	French	17660	500	West/Central Africa †
1600-1655	Daily	Urdu	9885	500	Central Asia (<i>was originally in Uzbek at this time</i>)
1700-1755	Daily	Urdu	9885	500	Central Asia (<i>was originally in Turkmen at this time</i>)
1800-2055	Daily	Indonesian	9675	500	Turkey (<i>was originally in Turkish at this time</i>) †

Note: sign-off times may vary by a few minutes.

Radio Al-Azm

Radio Al-Azm is a service of the SBA primarily for Saudi military personnel serving in Yemen and the southern part of the Kingdom. Their Twitter page gives their frequencies as 549 & 747 kHz; 94.9, 99.0, 107 MHz FM and 11745 kHz.

Transmitter site: unconfirmed - Jeddah or Riyadh.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>
24 hours	Daily	Arabic	11745

Broadcasts from Saudi Arabia to Yemen

Republic of Yemen Radio - Radio Sana'a - Pro-Hadi

See entry under Yemen for further details.

Transmitter site: subject to confirmation, but believed to be in Saudi Arabia (originating from Riyadh).

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>
24 hours	Daily	Arabic	11860

Syria

General Organisation of Radio and Television - Syria (ORTAS)

ORTAS is the state broadcasting service in Syria. Radio Damascus shortwave broadcasts were discontinued several years ago.

Target broadcast to Syria

Agricultural Voices Syria

Agricultural Voices Syria is a research project to provide knowledge exchange to promote sustainable agricultural practices in North West Syria. Encompass Digital Media Ltd are broadcasting AVS programmes utilising an IRDR frequency, initially on 11840 kHz between 24 April-7 May 2023 and then on 11830 kHz between 8 May-17 June 2023 (both from Dhabbaya, UAE - 250 kW), educating farmers on how to grow and manage crops within the disaster zone.

Turkey

Turkish Radio and Television Corporation

Turkish Radio-Television Corporation (TRT) is the national public broadcaster of Turkey.

TRT Turkish

TRT domestic programmes in Turkish are relayed on shortwave to expatriates abroad. The main channel, Radyo 1, has spoken-word programmes including culture, arts, drama, news, science, society, education and history.

Transmitter site: Emirler.

<i>Time/UTC</i>	<i>Days</i>	<i>Language</i>	<i>kHz</i>	<i>kW</i>	<i>Target area</i>
0000-0200	Daily	Turkish	7360	500	Central Asia
0400-0600	Daily	Turkish	6040	250	Middle East
			9770	500	Europe
0600-1300	Daily	Turkish	13635	500	Europe
1300-1600	Daily	Turkish	17815	500	Europe
1600-2100	Daily	Turkish	9460	500	Europe
1830-2100	Daily	Turkish	5960	500	Middle East

TRT World - Voice of Turkey

The Voice of Turkey is the external broadcasting service of the Turkish Radio and Television Corporation.

Transmitter site: Emirler.

0100-0200	Daily	Spanish	7260	500	Americas, Europe
			9870	500	Americas, Europe
0200-0300	Daily	Uighur	9465	500	East Asia
0300-0400	Daily	English	6165	250	Middle East
			7275	500	Americas, Europe
0400-0500	Daily	Malaysian	17720	500	South-East Asia
0500-0600	Daily	Hausa	15320	500	West Africa
0600-0700	Daily	Hausa	15320	500	West Africa
0700-0800	Daily	Azeri	13685	250	Caucasus
0800-0830	Daily	Georgian	9655	250	Caucasus
0800-0830	Daily	Turkmen	17730	250	Central Asia
0830-0900	Daily	Italian	13655	250	Europe
0830-1000	Daily	Persian	15720	250	West Asia
0900-1000	Daily	Arabic	11750	500	Middle East
1000-1030	Daily	Tatar	17615	250	Caucasus
1000-1100	Daily	French	17740	250	Europe
1030-1100	Daily	Uzbek	15270	500	Central Asia
1100-1130	Daily	Bulgarian	7210	250	Europe
1100-1200	Daily	Chinese	17620	500	East Asia
1130-1230	Daily	German	15350	250	Europe
1200-1300	Daily	Urdu	17580	250	South Asia
1230-1330	Daily	English	17620	500	Europe
1300-1400	Daily	Russian	11965	500	Russia
1330-1400	Daily	Kazakh	17690	500	Central Asia
1400-1500	Daily	Arabic	9540	500	Middle East
			17770	500	North Africa
1500-1600	Daily	Persian	9765	250	West Asia
1500-1530	Daily	Dari	11765	500	West Asia
1530-1600	Daily	Pashto	11765	500	West Asia
1600-1630	Daily	Uzbek	11765	500	West Asia
1630-1730	Daily	English	11660	500	West & South Asia

1630-1730	Daily	Spanish	13725	250	Europe
1730-1830	Daily	French	7360	500	North, West & Central Africa
1730-1830	Daily	German	9840	250	Europe
1830-1930	Daily	English	9750	500	Europe
1930-2030	Daily	French	9880	500	North & West Africa
2030-2130	Daily	English	9875	500	Asia/Australia
2200-2300	Daily	English	11785	500	Americas, Europe

Turkish jamming of Radio Dengê Welat

A loop recording without any station ID is frequently heard shadowing Radyoya Dengê Gel (see entry for Kurdistan) playing military-style music, the Turkish national anthem and speeches by Turkey's President Erdogan. It appears to be a counter-broadcast from Turkey. The same broadcast has been carried on the Turksat satellite at 42 degrees East on a transponder which previously carried a feed of the former TRT Arabic mediumwave service. So it would seem that TRT is closely involved in this jamming operation, which is likely to be using a TRT shortwave transmitter at Emirler.

United Arab Emirates

Abu Dhabi Media is the official media organisation of the Government of Abu Dhabi. It was established in 2007. It owns the shortwavw transmitters at Dhabbaya which are operated and maintained by Encompass Digital Media Services Ltd. The UAE (or any of the Emirates) do not have any shortwave radio stations themselves.

International relays on shortwave

Shortwave relays from the Dhabbaya Transmitting Station

The Dhabbaya Transmitting Station is owned by Abu Dhabi Media and operated and maintained by Encompass Digital Media Services Ltd.

Transmitter site: Dhabbaya.

Time/UTC	Days	Station	Language	kHz	kW	Target Area
0100-0300	Daily	VOA Deewa Radio	Pashto	9840	250	Afghanistan
0200-0215	Mon	FEBA Pakistan	Punjabi/Urdu	9540	250	Pakistan
0200-0215	Tue	FEBA Pakistan	Sindhi/Punjabi	9540	250	Pakistan
0200-0230	We/Th/Sa/Su	FEBA Pakistan	Urdu	9540	250	Pakistan
0200-0245	Fri	FEBA Pakistan	Pashto	9540	250	Pakistan
0215-0230	Mon	FEBA Pakistan	Saraiki/Urdu	9540	250	Pakistan
0215-0230	Tue	FEBA Pakistan	Patwari/Saraiki	9540	250	Pakistan
0230-0300	Daily	Radio Sadaye Zindagi	Dari	9895	250	Afghanistan
0245-0300	Fri	FEBA Pakistan	Urdu	9540	250	Pakistan
0300-0330	Daily	BBC	Pashto	13850	250	Afghanistan
0330-0345	Sun/Mon	TWR Africa	Amharic	9655	250	Horn of Africa
0330-0345	Tue	TWR Africa	Oromo	9655	250	Horn of Africa
0330-0345	Thu	TWR Africa	Sidamo	9655	250	Horn of Africa
0400-0430	Daily	BBC	Somali	17745	250	Horn of Africa
0400-0700	Daily	Radio Mashaal	Pashto	15365	250	Afghanistan/Pakistan
0500-0600	Daily	BBC	English	21560	250	East Africa
0500-0600	Sat	BBC	Rwanda-Rundi	21660	250	African Great Lakes
0529-0600	Sun	BBC	Rwanda-Rundi	21660	250	African Great Lakes
0830-1030	Daily	Radio Sadaye Zindagi	Dari	17865	250	Afghanistan
1030-1100	Daily	Voice of America	Somali	17540	250	Horn of Africa
1100-1430	Sat	BBC	Somali	17745	250	Horn of Africa
1100-1700	Sat/Sun	BBC	Somali	17745	250	Horn of Africa
1200-1230	Sun-Tue	FEBA - Gaweylon Radio	Tibetan	15215	250	Tibet & environs
1200-1300	Daily	Radio Ergo	Somali	21595	250	Horn of Africa
1250-1330	Mon-Fri	Shan Herald Agency for News	Burmese	17720	250	South-East Asia
1300-1400	Daily	BBC	Burmese	17515	250	South-East Asia
1400-1500	Mon-Fri	BBC	Somali	17745	250	Horn of Africa
1400-1600	Sat	BBC	English	21470	250	Central Africa
1500-1545	Daily	IBRA Media	Pashto	9720	250	Afghanistan
1500-1600	Daily	Radio Free Asia	Tibetan	11975	250	Tibet & environs
1600-1630	Daily	IBRA Media	Afar	11655	250	Horn of Africa
1600-1800	Sun	BBC	Somali	17745	250	Horn of Africa
1615-1630	Mon-Wed	IBRA Media	Guragena	9540	250	Horn of Africa
1615-1630	Thu-Sun	IBRA Media	Amharic	9540	250	Horn of Africa
1630-1700	Mon-Fri	Voice of America	English	13590	250	Horn of Africa
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	13740	250	East Africa
1630-1700	Daily	IBRA Media	Amharic	9540	250	Horn of Africa
1700-1730	Daily	IBRA Media	Oromo	9630	250	Horn of Africa
1730-1800	Daily	IBRA Media	Tigrinya	9630	250	Horn of Africa

1730-1800	Daily	IBRA Media	Silt'e	9750	250	Horn of Africa
1800-1830	Sat/Sun	FEBA Radio	Tigrinya	6035	250	Horn of Africa
1830-1900	Mon-Fri	Voice of America	Rwanda-Rundi	11825	250	East Africa
2100-2130	Mon-Fri	Voice of America	French	9490	250	Africa

One of the five ENC-DMS units in Al Dhabbiya-UAE is always oddly aligned on xxxxx.1 kHz

Yemen

Republic of Yemen Radio (Radio Sana'a) is the state broadcasting service of Yemen. During the current crisis all mediumwave and shortwave transmitters in Yemen are believed to be inactive.

Target broadcasts to Yemen

Republic of Yemen Radio - Radio Sana'a - Pro-Hadi

Chris Greenway reported via DX Listening Digest on 20 October 2015 the existence of a broadcast on shortwave in support of Yemeni President Abdrabbuh Mansur Hadi. President Hadi was deposed by Houthi rebels in 2014 and subsequently fled to Saudi Arabia in March 2015. Tarek Zeidan reported an ID from the station on 20 October 2015 as "Huna Sana'a idhaat aljumhuriya alyamaniya al bernamaj al a'am" ("This is Sana'a, Republic of Yemen Radio General Programme"). According to an online source the pro-Hadi transmission on shortwave is from Aden, but based on the fact that Yemen is having problems with power and a lot of blackouts, leaving the greater part of Yemen without electricity, it must be coming from a nearby country, presumably Saudi Arabia.

Transmitter site: subject to confirmation, but believed to either Riyadh or Jeddah, Saudi Arabia.

Time/UTC Days Language kHz
24 hours Daily Arabic 11860