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MEDIUMWAVE GUIDE



**Frequency order guide to
mediumwave radio stations in
Europe, Africa, Middle East,
Caucasus and South Asia**

*This guide has been prepared
primarily for listening in the
British Isles and Europe*

Mediumwave Guide

Compiled and edited by Tony Rogers

This is a frequency order guide to mediumwave stations in Europe, Africa, the Middle East, West Asia, South Asia, and selected stations in the rest of Asia and the Pacific, prepared primarily for listening in the British Isles and Europe.

Stations have been grouped as follows for each frequency:

- British Isles: stations in the UK and Ireland.
- Europe: stations predominately in mainland Europe.
- Macaronesia: stations in the Azores, Canary Islands and Madeira archipelagos.
- North Africa: stations in the Spanish enclaves of Ceuta and Melilla
- Africa: stations in sub-Saharan Africa.
- The Arab World: stations in countries in North Africa and the Middle East that speak Arabic as their primary language
- West Asia: stations in the northern part of West Asia, where Arabic isn't the main language; i.e. Iran, Turkey and countries the Caucasus region.
- South Asia: stations in Bangladesh, India, Nepal, Pakistan, Sri Lanka and some neighbouring areas.
- Rest of Asia and the Pacific: stations of 50 kW and over have been included which might reach the British Isles and Europe on occasions based on their higher power (for more comprehensive details of stations in Asia and the Pacific please see below)

With so many stations in Asia-Pacific it is impossible to predict what might be heard in the British Isles and Europe, so it is important to know the band well. For further reference three excellent guides listing current MW stations in the region are Bruce Portzer's [Pacific-Asian Log \(PAL\)](#) and Alan Davies' [Asiawaves](#).

If you want to study logs submitted by DXers in the British Isles since 1978, the [DX Guides](#) website has several compilations for stations in Africa, the Middle East, Asia, and the Pacific.

Information in this guide has been cross-referenced in many cases with WRTH 2022, Asiawaves, and MWlist, but a lot of research has been done through monitoring and online searches. Entries are also updated when news and observations are posted on the various news groups and forums.

My thanks to Rihards Millers in Latvia, Alex Miatlikov in Ukraine, and Jose Jacob in India for their help in keeping this guide (and others) up-to-date. And as always thanks to Zenon Teles for his keen eye in checking the various guides for accuracy.

Note: the format in this guide should be self explanatory; in some cases where a transmitter power has been mentioned and "+ LP" follows it, it just means that there are other synchronised transmitters of lower power also on that frequency.

All times are UTC (and have been adjusted to DST where applicable)

Compiled by Tony Rogers - dxguides@gmail.com

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531 kHz

EUROPE

FAROE ISLANDS - Kringvarp Føroya, Akraberg, Suðuroy (10 kW) - 24h in Faroese

ROMANIA - Radio România Actualități, Petroșani, Vest (15 kW) - 24h in Romanian

ROMANIA - Antena Satelor, Urziceni, Sud (15 kW) - 0250-1900 in Romanian

SPAIN - RNE Radio 5, Pontevedra, Galicia (25 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Oviedo, Asturias (25 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Córdoba, Andalucía (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Pamplona, Navarre (10 kW) - 24h in Spanish

AFRICA

BOTSWANA - Radio Botswana, National Service, Maun, Ngamiland (50 kW) - 24h in Setswana/English

THE ARAB WORLD

ALGERIA - Radio Algérie Internationale, F'kirina Wilaya, Oum El Bouaghi Province (600 kW between 0600-1800 and 300 kW between 1800-0600) - 24h mostly in Arabic, with some French, English & Spanish content

SAUDI ARABIA - SBA, Holy Quran Programme, Bisha, Asir Province (10 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Qazvin, Qazvin, Qazvin Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Jodhpur, Rajasthan (300 kW) - 0025/1740 in Hindi, English etc

540 kHz

EUROPE

HUNGARY - MR1-Kossuth Rádió, Solt, Southern Great Plain (2000 kW) - Mon-Fri: 0220-2030 in Hungarian

SPAIN - Onda Cero Catalunya, Barcelona, Catalonia (50 kW) - 24h in Spanish and Catalan

AFRICA

MALAWI - MBC Radio 1, Mangochi, Southern Region (10 kW) - 0200-2200 in Chichewa/English

NIGERIA - Rima Radio, Sokoto, Sokoto State (50 kW) - 0430-2305 in Nigerian languages

THE ARAB WORLD

KUWAIT - Radio of the State of Kuwait, Main Arabic Programme, Kabd (600 kW) - 24h in Arabic

MOROCCO - Moroccan Radio, National Network, Sidi Bennour, Casablanca-Settat (300 kW) - 24h in Arabic

SUDAN - South Darfur State Radio, Nyala, South Darfur (50 kW) - 0300-2100 in Arabic

SOUTH ASIA

INDIA - Akashvani, Aizawl, Mizoram (20 kW)

PAKISTAN - Radio Pakistan, Peshawar, Khyber-Pak'hwa (300 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, numerous synchronised transmitters of 50 kW and less - 2025-1805 in Chinese

549 kHz

BRITISH ISLES

IRELAND - Spirit Radio, Carrickroe, County Monaghan (25 kW) - currently off-air

EUROPE

KOSOVO - Radio Kosovo, Pristina (100 kW) - 1400-2000 in Albanian

RUSSIA - Radio Rossii, Bolshakovo, Kaliningrad (75 kW) - Russian; occasional tests

SLOVENIA - Radio Koper / Radio Slovenija 1, Beli Križ (15 kW) - 0300-2200 Radio Koper in Slovenian; 2200-0300 Radio Slovenija in Slovenian

AFRICA

NIGERIA - Radio Kano AM, Kano, Kano State (50 kW) - current status subject to confirmation, possibly inactive

THE ARAB WORLD

ALGERIA - Jil FM, Sidi Hamadouche, Sidi Bel-Abbes (600 kW: 0600-1800; 300 kW: 1800-0600) - 24h in Arabic/French

SAUDI ARABIA - SBA Radio Riyadh, Qurayyat, Al Jawf Province (2000 kW) - 0300-1500 in Arabic

SAUDI ARABIA - SBA Radio Riyadh, Rafha, Northern Bords Province (20 kW) - 24h in Arabic

SAUDI ARABIA - SBA Radio Riyadh, Ar-Rass, Al Qassim Province (10 kW) - 24h in Arabic

SAUDI ARABIA - Radio Al-Azm, Jazan, Jazan Province (1 kW) - 24h in Arabic; for Saudi military serving in Yemen and the southern part of the Kingdom

SOUTH ASIA

INDIA - Akashvani, Ranchi, Jharkhand (100 kW) - 0025/1741 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-5, Taiwan 1, Putian, Fujian (1200 kW) - 2055-1705 in Chinese

THAILAND - Radio Thailand, National Education Radio, Lampang (100 kW) - 2200-1700 in Thai

VIETNAM - Voice of Vietnam, Network 2, My Hao, Hung Yen Province (200 kW) - 2145-1700 in Vietnamese

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Central West (2CR), West Orange, New South Wales (50 kW) - 24h in English

558 kHz

BRITISH ISLES

ENGLAND - Panjab Radio, London (Crystal Palace 2.5 kW) - 24h in English and Panjabi

EUROPE

ROMANIA - Radio România Actualități, Târgu Jiu, Sud-Vest (400 kW) - 24h in Romanian

SLOVENIA - Muravideki Magyar Radio / Radio Slovenija 1, Nemcavci, eastern Slovenia (20 kW) - 0345-2200

Muravideki Magyar Radio in Hungarian; 2200-0345 Radio Slovenia 1 in Slovenian

SPAIN - RNE Radio 5, Valencia, Comunidad Valenciana (50 kW) - 24h in Spanish

SPAIN - RNE Radio 5, La Coruña, Galicia (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, San Sebastián, País Vasco (10 kW) - 24h in Spanish

AFRICA

BOTSWANA - Radio Botswana, National Service, Muchenje, Chobe District (50 kW) - 24h in Setswana/English

MALAWI - MBC Radio 1, Karonga, Northern Region (10 kW) - 24h in Chichewa/English

THE ARAB WORLD

ALGERIA - Radio Ouargla, Touggourt, Ouargla Province (10 kW) - 0600-1900 in Arabic

EGYPT - NMA, Educational Programme, Cairo (100 kW) - 0400-2200 in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Abha, 'Asir Province (15 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Iran - 558 kHz is the main mediumwave frequency for Radio Iran with several transmitters having moved there in recent years from other frequencies. The service is 24h on most of the following stations:

IRAN - IRIB, Radio Iran, Tehran (Goldasteh 600 kW)

IRAN - IRIB, Radio Iran, Iranshahr, Systan & Baluchestan Province (600 kW)

IRAN - IRIB, Radio Iran, Azarshahr, East Azerbaijan Province (500 kW)

IRAN - IRIB, Radio Iran, Shiraz (Dehnow), Fars Province (400 kW)

IRAN - IRIB, Radio Iran, Shushtar, Khozestan Province (400 kW)

IRAN - IRIB, Radio Iran, Sirjan, Kerman Province (400 kW)

IRAN - IRIB, Radio Iran, Gonbad-e Qabus, Gorgan Province (300 kW)

IRAN - IRIB, Radio Iran, Bushehr, Bushehr Province (200 kW)

IRAN - IRIB, Radio Iran, Habibabad, Isfahan Province (200 kW)

IRAN - IRIB, Radio Iran, Mashhad, Razavi Khorasan Province (200 kW)

IRAN - IRIB, Radio Iran, Ardekan, Yazd Province (200 kW)

IRAN - IRIB, Radio Iran, Birjand, South Khorasan Province (150 kW)

IRAN - IRIB, Radio Iran, Kiashahr, Gilan Province (100 kW)

IRAN - IRIB, Radio Iran, Hamadan, Hamadan Province (100 kW)

IRAN - IRIB, Radio Iran, Shahr-e Kord, Chah. & Bakhtiari Province (50 kW)

IRAN - IRIB, Radio Iran, Yazd, Yazd Province (50 kW)

IRAN - IRIB, Radio Iran, Zanjan, Zanjan Province (50 kW)

IRAN - IRIB, Radio Iran, Shahroud, Semnan Province (50 kW)

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Khulna (100 kW) - 0000-0400 and 0600-1710 in Bengali and English

INDIA - Akashvani, Mumbai, Maharashtra (100 kW) - 2355-1850 with Asmita Channel in Hindi, Marathi

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Fujian R&TV, News and General Service, Fuzhou, Fujian (50 kW + LP) - 2040-1700 in Chinese and Amoy

CHINA - Xinjiang R&TV, Uighur Service, Hutubi, Xinjiang (120 kW + LP) - 2300-1800 in Uighur

KOREA SOUTH - KBS-2 (HLQH), Yeong-il, Daegu (250 kW) - 24h in Korean

VIETNAM - Voice of Vietnam, Network 2, Ho Chi Minh City (Quan Tre, 100 kW) - 2145-1700 in Vietnamese

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Great Southern (6WA), Wagin, Western Australia (50 kW) - 24h in English

567 kHz

EUROPE

ROMANIA - Radio România Actualități, Brasov-Bod, Centru (50 kW) - 24h in Romanian

ROMANIA - Radio România Actualități, Satu Mare, Nord-Vest (50 kW) - 24h in Romanian

SPAIN - RNE Radio 5, Murcia, Murica (25 kW) - 24h in Spanish

AFRICA

KENYA - KBC, Radio Taifa, Garissa, North Eastern Province (50 kW) - 0200-2110 in Swahili

SOUTH AFRICA - Cape Talk, Cape Town, Western Cape (25 kW) - 24h in English

THE ARAB WORLD

SAUDI ARABIA - SBA, Holy Quran Programme, Jeddah (Bahrab), Makkah Province (200 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Afif, Riyadh Province (15 kW) - 24h in Arabic

SYRIA - Syrian Radio, General Prgr, Adra, Damascus Province (300 kW) - Arabic (for southern Syria, Jordan and Palestine)

SOUTH ASIA

INDIA - Akashvani, Dibrugarh, Assam (300 kW) - 0000/1700 in Hindi, English etc

PAKISTAN - Radio Pakistan, Khuzdar, Baluchistan (300 kW) - 0200-0400 and 1155-1810 in Urdu and English

REST OF ASIA (transmitters of 50 kW and over)

JAPAN - NHK-1 (JOIK) - Sapporo, Hokkaido (100 kW) - 24h in Japanese; has ben reported in the British Isles

KOREA SOUTH - KBS-1 (HLKF) - Jeonju, North Jeolla Province (100 kW) - 24h in Korean

LAOS - Lao National Radio, Vientiane (200 kW) - 2200-0800 and 0900-1300 in Lao & minority languages

576 kHz

EUROPE

BULGARIA - BNR-1 Horizont, Gramada, Vidin (250 kW) - 24h in Bulgarian

SPAIN - RNE Radio 5, Barcelona, Catalonia (100 kW) - 24h in Spanish

MACARONESIA

CANARY ISLANDS - RNE Radio Nacional, Las Palmas, Gran Canaria (25 kW) - 24h in Spanish

AFRICA

SOUTH AFRICA - Radio Veritas, Meyerton, Gauteng (50 kW) - 24h in English

THE ARAB WORLD

ALGERIA - Radio Algérie Internationale, Béchar, Béchar Province (400 kW) - 24h mostly in Arabic, with some French, English & Spanish segments

OMAN - Radio Sultanate of Oman, General Arabic Programme, Haima, Al Wusta Region (100 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Jizan, Jizan Region (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB World Service, Bandar-e Mahshahr, Khuzestan Province (600 kW) - 0330-1630 in Arabic

IRAN - IRIB, Voice of Khuzestan, Bandar-e Mahshahr, Khuzestan Province (600 kW) - subject to confirmation

IRAN - IRIB, Radio Chichest, Maku, West Azerbaijan Province (50 kW) - 24h in Persian/Azeri

SOUTH ASIA

INDIA - Akashvani, Allapuzha, Kerala (200 kW) - 0020/1740 in Hindi, English etc

NEPAL - Radio Nepal, Surkhet, Mid-Western Region (100 kW) - 2315-1715 in Nepali and others

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Yunnan R&TV, Yunnan News Service, Kunming, Yunnan (200 kW + LP - 2215-1600 in Chinese

MYANMAR - Myanma Radio, Yangon, Yangon Region (200 kW) - 0030-0230(0330sa) in Burmese, 0330-0700 in Burmese, 0700-0730 in English, 0930-1530 in Burmese, 1530-1600 in English

VIETNAM - Khanh Hoa Radio & TV Station, Khanh Hoa Province (Nha Trang, 50 kW) - 2145-1700 in Vietnamese

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Radio National (2RN), Sydney, New South Wales (50 kW)

585 kHz

EUROPE

SPAIN - RNE Radio Nacional, Majadahonda, Madrid (600 kW) - 24h in Spanish

AFRICA

ZANZIBAR - Zanzibar Broadcasting Corporation, Chumbuni, Zanzibar City (350 kW) - 0300-2100 in Swahili

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Riyadh, Riyadh Province (1200 kW) - 24h in Arabic

TUNISIA - Tunisian Radio, National Channel, Gafsa, Gafsa Governorate (350 kW) - 0400-0000 in Arabic

WEST ASIA

IRAN - IRIB, Radio Farhang, Tehran (Gheslagh), Tehran Province (1000 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Nagpur, Maharashtra (300 kW) - 0020/1745 in Hindi, English etc

PAKISTAN - Radio Pakistan, Faqeerabad, Punjab (500 kW) - 0045/1900 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Southeast Broadcasting Company, Fuzhou, Fujian (400 kW) - 2255-1650 in Chinese and Amoy

594 kHz

AFRICA

MALAWI - MBC Radio 1, Lilongwe, Central Region (25 kW) - 24h in Chichewa/English

NIGERIA - Radio Nigeria Kaduna, Channel 1, Jaji, Kaduna State (200 kW) - 0400-2305 in Hausa

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Duba, Tabuk Province (2000 kW) - 0230-1500 in Arabic

SAUDI ARABIA - SBA, Radio Riyadh, Al-Hufuf, Eastern Province (10 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Radio Neda al-Islam, Makkah, Makkah Province (50 kW) - 0430-2300 in Arabic

SOUTH ASIA

INDIA - Akashvani External Service, Chinsurah, West Bengal (1000 kW) - Akashvani Maitree Channel for listeners in Bangladesh: 0030-0900 in Bangla (Maitree Channel), 1000-1515 in Bangla (Maitree Channel), 1515-1530 in Hindi, 1530-1545 in English, 1545-1830 in Bangla (Maitree Channel)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Xizang R&TV, Tibetan Service, Lhasa, Xizang (300 kW + LP) - 2100-1805 Tibetan, including Holy Tibet prgr in English 0700-0730, 1630-1700

JAPAN - NHK-1 (JOAK), Kuki, Tokyo (300 kW) - 24h in Japanese

MYANMAR - Myanma Radio, Naypyidaw, Naypyidaw Union Territory (200 kW) - 0030-0230(0330sa) in Burmese, 0330-0700 in Burmese, 0700-0730 in English, 0930-1530 in Burmese, 1530-1600 in English

PHILIPPINES - DZBB Super Radyo, Obando (Manila area), Bulacan (50 kW) - 24h in Tagalog

VIETNAM - Voice of Vietnam, Network 1, Quang Nam Province (An Hai, Danang, 50 kW) - 2145-1700 in Vietnamese

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Western Victoria (3WV), Horsham, Victoria (50 kW) - 24h in English

595.9 kHz

THE ARAB WORLD

MOROCCO - Moroccan Radio, National Network, Oujda, Oriental Region (50 kW) - 24h in Arabic

603 kHz

BRITISH ISLES

ENGLAND - BBC Radio 4, Wrekenton, Newcastle-upon-Tyne, Tyne & Wear (2 kW) - 24h in English; 0420-0000 BBC Radio 4 and 0000-0420 BBC World Service

ENGLAND - Smooth Radio - Kent, Littlebourne, Kent (0.1 kW) - 24h in English

EUROPE

CYPRUS - CyBC 3, RIK Triton (Radio 3), Nicosia (100 kW) - currently off-air

ITALY - Nuova Radio, Spoltore, PE, Abruzzo (0.3 kW) - Italian

ROMANIA - Radio România Actualitate, Oradea, Biharia Euroregion (50 kW) - 24h in Romanian

ROMANIA - Radio România Actualitate, Botosani, Nord-Est (50 kW) - 24h in Romanian

ROMANIA - Antena Satelor, Bucharest (30 kW) - 0300-1900 in Romanian, including Monday-Saturday 1100-1200 Radio Bukarest in German and 1200-1300 Bukaresti Rádió in Hungarian, and Sunday 0700-0720 Bukaresti Rádió in Hungarian and 0720-0730 Radio Bukarest in German

ROMANIA - Radio Oltenia Craiova / Radio România Actualitate, Drobeta-Turnu Severin, Sud-Vest (14 kW) - 24h in Romanian: 0200-2000 Radio Oltenia Craiova, 2000-0200 Radio România Actualitate

SPAIN - RNE Radio 5, Sevilla, Andalucia (50 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Palencia, Castilla y León (5 kW) - 24h in Spanish

AFRICA

NIGERIA - Ogun Radio, Abeokuta, Ogun State (25 kW) - 0400-0000 in Nigerian languages

THE ARAB WORLD

EGYPT - NMA, Holy Quran Prgr, Sohag, Sohag Governerate (50 kW) - 24h in Arabic

OMAN - Radio Sultanate of Oman, Bidiyah, Ash-Sharqiyah Governorate (500 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Razavi, Bajgiran, Razavi Khorasan Province (10 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Ajmer, Rajasthan (200 kW) - 0025/1741 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Dongfang, Hainan (600 kW) - 2300-0100 in Vietnamese, 0400-0600 in Vietnamese, 1100-1200 in Cantonese, 1300-1600 in Vietnamese

CHINA - Henan R&TV, Information Sce, Zhengzhou, Henan (100 kW + LP) - 24h in Chinese

KOREA SOUTH - KBS-2 (HLSA), Namyang, Seoul (500 kW) - 2000-1800 in Korean

603 kHz

REST OF ASIA (transmitters of 50 kW and over)

VIETNAM - Voice of the People of Ho Chi Minh City, Ho Chi Minh City (Tang Nhon Phu, 200 kW) - 2100-1700 in Vietnamese and limited Cambodian

612 kHz

EUROPE

SPAIN - RNE Radio Nacional, Lleida, Catalonia (600 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Vitoria-Gasteiz, Álava, País Vasco (10 kW) - 24h in Spanish

AFRICA

NIGERIA - Radio Kwara, Ilorin, Kwara State (50 kW) - 0400-2300 in Nigerian languages

THE ARAB WORLD

BAHRAIN - Radio Bahrain, Holy Quran Programme, Abu Hayan (100 kW) - 24h in Arabic

JORDAN - Radio Jordan, Main Arabic Programme, Shobak, Ma'an Province (100 kW) - 24h in Arabic; includes Jordanian Armed Forces Radio at 1300-1500

MOROCCO - Moroccan Radio, National Network, Sebaâ-Aioun, Meknès-Tafilalet (300 kW) - 0400-0100 in Arabic

SAUDI ARABIA - SBA, Radio Riyadh, Al-Aflaj, Riyadh Province (15 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Jeddah FM, Ha'il, Ha'il Province (5 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB World Service, Qasr-e Shirin, Kermanshah (600 kW) - 0420-0520 in Kurdish, 0520-1530 in Arabic

SOUTH ASIA

INDIA - Akashvani, Bangalore, Karnataka (200 kW) - 0025/1737 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

JAPAN - NHK-1 (JOLK), Fukuoka, Fukuoka (100 kW) - 24h in Japanese

KYRGYZSTAN - Kyrgyz Radio, Krasnaya Rechka (300 kW) - 0000-1200 in Kyrgyz

KYRGYZSTAN - TWR relay, Krasnaya Rechka (200 kW) - 1500-1545 in Kazakh, 1545-1600su in Russian, 1545-1615mo-sa in Russian, 1600-1630su in Uzbek, 1615-1630mo-fr in Russian, 1615-1630sa in Uzbek, 1630-1700 in Uzbek, 1700-1715fr-su in Kazakh, 1715-1730fr-su in Kirghiz

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Brisbane (4QR), Brisbane Queensland (50 kW) - 24h in English

621 kHz

EUROPE

MOLDOVA (PMR) - Radio 1 Plyus, Grigoriopol (150 kW) - Radio 1 Plyus:1200-1518mo-fr in Russian, except for Ukrainian at 1230-1237 and Romanian at 1330-1337

MOLDOVA (PMR) - TWR relay, Grigoriopol (150 kW) - 1730-1830 in Russian, except for Belarusian at 1820-1830we/sa and 1805-1820th

SPAIN - RNE Radio Nacional, Jaén, Andalucía (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Ávila, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Palma de Mallorca, Balearic Islands (10 kW) - 24h in Spanish

MACARONESIA

CANARY ISLANDS - RNE Radio Nacional, Las, Mesas, Tenerife (75/100 kW) - 24h in Spanish

AFRICA

BOTSWANA - Radio Botswana, National Service, Selebi Phikwe, Central District (100 kW) - 24h in Setswana/English

TANZANIA - TBC Taifa, Mbeya, Mbeya Region (50/10 kW) - 0200-2100 in Swahili; reported to be irregular

THE ARAB WORLD

EGYPT - ERTU, Voice of the Arabs (MWlist says Tanta 35 kW) - on-air irregularly in Arabic

WEST ASIA

IRAN - IRIB, Radio Khalij-e Fars, Bandar Abbas, Hormozgan (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Patna, Bihar (200 kW) - 0015/1742 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Heilongjiang R&TV, News Service, Harbin, Heilongjiang (200 kW + LP) - 2055-1500 in Chinese

KOREA NORTH - Voice of Korea / Pyongyang Broadcasting Station, Chongjin, Hamgyong Pukdo (500 kW) - 2100-0000 Voice of Korea in Japanese, 0000-0700 R&TV in Korean, 0700-1300 in Japanese, 1300-1800 R&TV in Korean

TAJIKISTAN – USAGM Relay, Orzu (150 kW) - 1300-0100 Mashaal Radio/Deewa Radio in Pashto

THAILAND - Radio Thailand, National Education Radio, Khon Kaen (100 kW) - 2200-1700 in Thai

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Radio National (3RN), Melbourne, Victoria (50 kW) - 24h in English

630 kHz

EUROPE

PORUGAL - Antena 1, Montemor-o-Velho, Centro Region (10 kW) - 24h in Portuguese

PORUGAL - Antena 1, Miranda do Douro, Norte Region (1 kW) - 24h in Portuguese

ROMANIA - Radio Timișoara, Programme 2, Ortisoara, Vest (400 kW) - 24h: 2300-1000 in Romanian, 1000-1100 in German, 1100-1200 in Hungarian, 1200-1300 in Serbian, 1300-1800mo-sa in Romanian, 1300-1330su in Romanian, 1330-1400su in Czech, 1400-1500su in Slovak, 1500-1600su in Ukrainian, 1600-1700su in Bulgarian, 1700-1800su in Romani, 1800-2300 in Romanian

ROMANIA - Antena Satelor, Voinești, Sud (50 kW) - 0250-1900 in Romanian

AFRICA

MADAGASCAR - Radio Madagasikara, Fenoarivo Atsinanana (50 kW) - 0300-1900(2200ss) in Malagasy

THE ARAB WORLD

KUWAIT - Radio of the State of Kuwait, Holy Quran Programme, Magwa (10 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Jeddah FM, Jizan, Jizan Province (20 kW) - 0300-2200 in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Najran, Najran Province (10 kW) - 24h in Arabic

TUNISIA - Tunisian Radio, National Channel, Tunis, Tunis Governorate (300 kW) - 24h in Arabic

WEST ASIA

TURKEY - TRT Radyo 1, Mersin (Cukurova), Adana Province (300 kW) - 0300-2200 in Turkish, including regional prgrs from TRT Çukurova Radyosu

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Savar, Dhaka (100 kW) - 0300-1300 in Bengali and English

INDIA - Akashvani, Thrissur, Kerala (100 kW) - 0020/1735 in Hindi, English etc

PAKISTAN - Radio Pakistan, Lahore, Punjab (100 kW) - 0045/1900 in Urdu, english etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-2, several transmitters (100 kW and less) - 2100-1602 in Chinese

INDONESIA - RRI Makassar (Pro-1), Makassar, Sulawesi Selatan (50 kW) - 2055-1600 in Indonesian

VIETNAM - Voice of Vietnam, Network 1, Quang Binh Province (Dong Hoi, 200 kW) - 2145-1700 in Vietnamese

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC North Queensland (4QN), Townsville, Queensland (50 kW) - 24h in English

639 kHz

EUROPE

SPAIN - RNE Radio Nacional, La Coruña, Galicia (300 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Zaragoza, Aragón (50 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Bilbao, País Vasco (50 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Almería, Andalucía (20 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Albacete, Castile-La Mancha (10 kW) - 24h in Spanish

AFRICA

LESOTHO - Lesotho National BS (Radio Lesotho), Lancer's Gap, Maseru (100 kW) - 24h in Sesotho/English

NIGERIA - Kaduna State Media Corp (KSMC Kada 1), Katabu, Kaduna State (50 kW) - 0430-2305 in Nigerian langs

THE ARAB WORLD

OMAN - Radio Sultanate of Oman, Mahdha, Al-Buraimi Governorate (100 kW) - 24h in Arabic

SUDAN - North Kordufan State Radio, El Obeid, North Kordufan (10 kW) - 0300-2100 in Arabic

WEST ASIA

IRAN - IRIB WS, Bonab, East Azerbaijan Province (400 kW) - 0420-0520 & 1320-1620 in Kurdish, 1830-1920 in Turkish

SOUTH ASIA

INDIA - Akashvani, Kohima, Nagaland (100 kW)

PAKISTAN - Radio Pakistan, Karachi, Sindh (100 kW) - 0200-0400, 1300-1800 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Beijing (200 kW + LP) - 2025-1805 in Chinese

MYANMAR - Thazin Radio, Pyin U Lwin, Mandalay Region (400 kW) - 2330-0130 in Burmese, 0130-0200 in English, 0430-0630 in Burmese, 0630-0700 in English, 0930-1430 in Burmese, 1430-1500 in English

648 kHz

BRITISH ISLES

UNITED KINGDOM - Radio Caroline, Orfordness, Suffolk (4 kW) - 24h in English (CR)

EUROPE

SLOVENIA - Radio Murski Val, Nemčavci, Mura (10) - 24h in Slovenian

SPAIN - RNE Radio Nacional, Badajoz, Extremadura (10 kW) - 24h in Spanish

AFRICA

BOTSWANA - Radio Botswana, National Service, Mopipi, Central District (50 kW) - 24h in Setswana/English

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Jeddah, Makkah Province (2000 kW) - 0300-2300 in Arabic

SOUTH ASIA

INDIA - Akashvani, Indore, Madhya Pradesh (200 kW) - 0025/1740 in Hindi, English etc

NEPAL - Radio Nepal, Dhankuta, Eastern Province (100 kW) - 2315-1715 in Nepali and others

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Guangdong R&TV, Satellite Radio Guangdong, Guangzhou, Guangdong (50 kW) - 24h in Chinese

VIETNAM - Voice of Vietnam, Network 1, Binh Dinh Province (An Nhon, Quy Nhon, 50 kW) - 2145-1700 in Vietnamese

657 kHz

EUROPE

SPAIN - RNE Radio 5, Majadahonda, Madrid (20 kW) - 24h in Spanish

AFRICA

SOUTH AFRICA - Radio Pulpit / Radio Kansel, Meyerton, Gauteng (50 kW) - 24h in English/Afrikaans

THE ARAB WORLD

SAUDI ARABIA - SBA, Holy Quran Programme, Rafha, Northern Borders Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Gilan, Kiashahr, Gilan Province (100 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Kolkata, West Bengal (200 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Henan R&TV, News Service, Zhengzhou, Henan (300 kW + LP) - 2030-1700 in Chinese

KOREA NORTH - Pyongyang Broadcasting Station, Kangnam-gun, Pyongyang (1500 kW) - 2100-2030 in Korean

KOREA SOUTH - KBS-1 (HLKM), Chuncheon, Gangwon Province (50 kW) - 24h in Korean

VIETNAM - Voice of Vietnam, Network 1, Ho Chi Minh City (Quan Tre, 100 kW) - 2145-1700 in Vietnamese

666 kHz

EUROPE

PORUGAL - Antena 1, Valen a, Norte Region (10 kW) - 24h in Portuguese

PORUGAL - Antena 1, Vila Real, Norte Region (10 kW) - 24h in Portuguese

PORUGAL - Antena 1, Covilh , Centro Region (10 kW) - 24h in Portuguese

PORUGAL - Antena 1, Viseu, Centro Region (10 kW) - 24h in Portuguese

PORUGAL - Antena 1, Castanheira do Ribatejo, Lisboa Region (10 kW) - 24h in Portuguese

PORUGAL - Antena 1, Bragan a, Norte Region (2 kW) - 24h in Portuguese

SPAIN - SER, Radio Barcelona, Barcelona, Catalonia (50 kW) - 24h in Spanish

THE ARAB WORLD

ALGERIA - Radio Tindouf, Tindouf (10 kW) - 24h in Arabic

SUDAN - Kassala State Radio, Kassala, Kassala State (5 kW) - 0300-2100 in Arabic

SYRIA - Syrian Radio, Programme 2 (Voice of Youth), Adra, Damascus Province, (100 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Fars, Shiraz, Fars Province (400 kW) - 24h in Persian

IRAN - IRIB, Radio Fars, Darab, Fars Province (60 kW) - 24h in Persian

IRAN - IRIB, Radio Fars, Abadeh, Fars Province (50 kW) - 24h in Persian

IRAN - IRIB, Radio Fars, Lamerd, Fars Province (50 kW) - 24h in Persian

IRAN - IRIB, Radio Fars, Lar, Fars Province (50 kW) - 24h in Persian

IRAN - IRIB, Radio Fars, Dasht-e Qir, Fars Province (50 kW) - 24h in Persian

IRAN - IRIB, Radio Fars, Estahban, Fars Province (10 kW) - 24h in Persian

IRAN - IRIB, Radio Fars, Jahrom, Fars Province (10 kW) - 24h in Persian

IRAN - IRIB, Radio Fars, Kazerun, Fars Province (10 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Voice of the Strait, News Service, Fuzhou, Fujian (600 kW) - 2225-1600 in Chinese

CHINA - Qinghai R&TV, Xining Qinghai (200 kW) - 2200-1605 in Chinese

CHINA - Tianjin R&TV, Novel Service, Tianjin, Tianjin Municipality (50 kW) - 2155-1600 in Chinese

JAPAN - NHK-1 (JOBK), Osaka, Osaka (100 kW) - 24h in Japanese

VIETNAM - Voice of Vietnam, Network 1, Khanh Hoa Province (Nha Trang, 50 kW) - 2145-1700 in Vietnamese

675 kHz

EUROPE

NETHERLANDS - Radio Calypso, Oostwold, Groningen (0.1 kW) - 24h in Dutch

NETHERLANDS - Schalkhaar AM/Koekstad Radio, Schalkhaar, Overijssel (0.1 kW) - 24h in Dutch

NETHERLANDS - Unique Gold, Wijchen, Gelderland (0.1 kW) - 24h in Dutch

AFRICA

MALAWI - MBC Radio 1, Ekwendeni, Northern Region (25 kW) - 24h in Chichewa/English

THE ARAB WORLD

QATAR - Qatar Radio, Main Arabic Programme, Al-Arish (600 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Radio Riyadh, Afif, Riyadh Province (20 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Radio Riyadh, Abha, Asir Province (5 kW) - 24h in Arabic

SOUTH ASIA

INDIA - Akashvani, Itanagar, Arunachal Pradesh (100 kW) - 0020/1630 in Hindi, English etc

INDIA - Akashvani, Chhatarpur, Madhya Pradesh (100 kW)

INDIA - Akashvani, Bhadravathi, Karnataka (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Nei Menggu R&TV, Chinese News Service, Hohhot, Nei Menggu (50 kW + LP) - 2150-1605 in Chinese

VIETNAM - Voice of Vietnam 1, My Hao, Hung Yen, Hanoi area (500 kW) - 2145-1700 in Vietnamese

684 kHz

EUROPE

RUSSIA - Radio Radonezh, Olgino, St Petersburg (10 kW) - 1600-2100 in Russian

SPAIN - RNE Radio Nacional, Sevilla, Andalucía (100/150 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Ethiopia, National Programme, Metu, Oromia Region (100 kW) - 24h in Amharic/Ethiopian langs

MAURITIUS - MBC, Radio Maurice, Malherbes (10 kW) - 24h with Kool FM in French and VOA 1 The Hits local overnight

NIGERIA - Yobe BC (Voice of the Sahel), Damaturu, Yobe State (50 kW) - 0500-2300 in Nigerian languages/English

THE ARAB WORLD

SAUDI ARABIA - SBA, Jeddah FM, Jeddah, Makkah Province (200 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Jeddah FM, Riyadh, Riyadh Province (10 kW) - 24h in Arabic

TUNISIA - Tunisian Radio, National Channel, Medenine, Medenine Governorate (10 kW) - 0400-0000 in Arabic

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Razavi, Mashhad, Razavi Khorasan Province (100 kW) - 24h in Persian

IRAN - IRIB, Radio Khorasan-e Razavi, Kashmar, Razavi Khorasan Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Kargil, Jammu and Kashmir (200 kW) - 1130-1630 in Hindi, English etc

INDIA - Akashvani, Kozhikode, Kerala (100 kW) - 0020/1735 in Hindi, English etc

INDIA - Akashvani, Port Blair, Andaman Islands (100 kW) - 2355/1700(1730sa-su) in Hindi, English etc

NEPAL - Radio Nepal, Pokhara, Western Region (100 kW) - 2315-1715 in Nepali and others

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Dongfang, Hainan (600 kW) - 1030-1130 in Cambodian, 1200-1300 in English, 1300-1400 in Vietnamese, 1400-1500 in Khmer, 1500-1700 in Vietnamese, 2300-0100 in Khmer

CHINA - CNR-6, Voice of Shenzhou, Putian, Fujian (1200 kW) - 2155-1605 in Amoy, Hakka and Mandarin

CHINA - Gansu R&TV, News Radio, Lanzhou, Gansu (200 kW + LP) - 2150-1700 in Chinese

693 kHz

BRITISH ISLES

ENGLAND - BBC Radio 5 Live, Droitwich, Worcestershire (150 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Stagshaw, Northumberland (50 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Start Point, Devon (50 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Postwick, Norfolk (10 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Barrow-in-Furness, Cumbria (1 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Bexhill-on-Sea, East Sussex (1 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Folkestone, Kent (1 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Southwick, Brighton, Sussex (1 kW) - 24h in English

SCOTLAND - BBC Radio 5 Live, Burghead, Morayshire (25 kW) - 24h in English

SCOTLAND - BBC Radio 5 Live, Redmoss, Aberdeen (1 kW) - 24h in English

NORTHERN IRELAND - BBC Radio 5 Live, Enniskillen, County Fermanagh (1 kW) - 24h in English

EUROPE

ITALY - Radio Zai.net, Siziano, PV, Lombardy (2 kW) - Italian

SPAIN - RNE Radio Nacional, Toledo, Castile-La Mancha (20 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Boal, Asturias (20 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Tortosa, Catalonia (10 kW) - 24h in Spanish

AFRICA

BOTSWANA - Radio Botswana, National Service, Shakawe, North-West District (25 kW) - 24h in Setswana/English

THE ARAB WORLD

ALGERIA - Radio Adrar, Reggane, Adrar Province (10 kW) - 24h in Arabic; reports also suggest Radio Algérie Internationale is aired at times

WEST ASIA

IRAN - IRIB, Radio Khalij-e Fars, Bandar-e Lengeh, Hormogzan Province (100 kW) - 24h in Persian; also relays R Iran

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Dhamrai, Dhaka (1000 kW) - 0030-0610, 0830-1730 in Bengali, English

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Shaanxi R&TV, News Sce, Xianyang, Shaanxi (100 kW + LP) - 24h in Chinese

JAPAN - NHK-2 (JOAB), Tokyo (300 kW) - 2100-1540v in Japanese, with NHK World News and foreign language lessons at various times

VIETNAM - Voice of Vietnam, Network 1, Buon Me Thuot City (200 kW) - 2145-1700 in Vietnamese

702 kHz

AFRICA

SOUTH AFRICA - LM Radio, Welgedacht, Gauteng (50 kW) - 24h in English

THE ARAB WORLD

ALGERIA - Radio Laghouat, Laghouat, Laghouat Province (25 kW) - 24h in Arabic: 0600-1900 Radio Laghouat, 1900-2300 Radio Culture, 2300-0600 Radio Coran

EGYPT - NMA, South Upper Egypt Radio, Aswan, Aswan Governorate (10 kW) - 0200-2200 in Arabic

EGYPT - NMA, El Wady El Gadiid Radio, El Kharga, New Valley Governorate (10 kW) - 0400-2200 in Arabic

SAUDI ARABIA - SBA, Jeddah FM, Duba, Tabuk Province (40 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Jeddah FM, Beesha, Asir Province (10 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB World Service, Kiashahr, Gilan Province (500 kW) - 0320-0520 in Azeri, 0530-0930 in Azeri (Aran), 1420-1650 in Azeri, 1720-1820 in Talysh, 1820-1920 in Turkish, 1920-2020 in Russian, and sometimes continues for several minutes (i.e. from 2020-2039 was heard in Georgian on 26/01/23)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Jiangsu R&TV, News and General Channel, Nanjing, Jiangsu (200 kW + LP) - 2000-1700 in Chinese

KOREA NORTH - Korean Central Broadcasting Station, Chongjin, North Hamgyong (50 kW) - 2000-1800 in Korean

PHILIPPINES - DZAS, FEBC, Bocaue, Bulacan Province (50 kW) - 2045v-1600 in English & Tagalog

VIETNAM - Quang Nam Radio & TV / Danang Radio & TV, Danang (50 kW) - 2145-1700 in Vietnamese

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Sydney (2BL), Sydney, New South Wales (50 kW) - 24h in English

711 kHz

EUROPE

ITALY - Media Radio Castellana, Castel San Pietro Terme, BO, Emilia-Romagna (0.5 kW) - Italian

ROMANIA - Radio România Actualități, Sighetu Marmației, Maramureș (50 kW) - 24h in Romanian

SPAIN - COPE Murcia, Murcia, Murcia (10 kW) - 24h in Spanish

AFRICA

TANZANIA - TBC Taifa, Kigoma (100/10 kW) - 0200-2100

THE ARAB WORLD

EGYPT - NMA - Youth and Sports Radio, Cairo (100 kW) - 24h in Arabic

MOROCCO - Moroccan Radio - Radio Laâyoune, Laâyoune, Laâyoune Province, Western Sahara (300 kW) - 24h in Arabic and Tamazight, including regional prgr from Laâyoune

WEST ASIA

IRAN - IRIB, Radio Khozestan, Ahwaz, Khozestan (600 kW) - 24h in Persian & Arabic

SOUTH ASIA

INDIA - Akashvani, Siliguri, West Bengal (200 kW) - 0025/1742 in Hindi, English etc

PAKISTAN - Radio Pakistan, Dera Ismail Khan, Khyber Pakhtunkhwa (100 kW) - 0043/1805 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

KOREA SOUTH - KBS-1 (HLKA), Sorae, Seoul Special City (500 kW) - 24h in Korean

MYANMAR - MRTV Thaypyay Radio, Naypyidaw, Naypyidaw Union Territory (200 kW) - 0030-1430 in Burmese

TAIWAN - Voice of Kuanghua, Hsinfeng (250 kW) - 0500-0900/1000 in Chinese (to Mainland China)

VIETNAM - Voice of Vietnam, Network 1, Thoi Kong, Can Tho Province (500 kW) - 2145-1700 in Vietnamese

720 kHz

BRITISH ISLES

ENGLAND - BBC Radio 4, Crystal Palace, London (0.24 kW) - 24h in English: 0420-0000 BBC R4, 0000-0420 BBC WS
NORTHERN IRELAND - BBC Radio 4, Lisnagarvey, County Antrim (10 kW) - 24h in English: 0420-0000 BBC R4, 0000-0420 BBC WS
NORTHERN IRELAND - BBC Radio 4, Londonderry, County Londonderry (0.25 kW) - 24h in English: 0420-0000 BBC R4, 0000-0420 BBC WS

EUROPE

ITALY - Radio Diffusione Europea - Baby Radio AM, Trieste, TS, Friuli Venezia Giulia (0.2 kW) - Italian
PORTUGAL - Antena 1, Castelo Branco, Centro Region (10 kW) - 24h in Portuguese
PORTUGAL - Antena 1, Mirandela, Norte Region (10 kW) - 24h in Portuguese
PORTUGAL - Antena 1, Guarda, Centro Region (10 kW) - 24h in Portuguese
PORTUGAL - Antena 1, Elvas, Alentejo Region (10 kW) - 24h in Portuguese
ROMANIA - Radio România Actualități, Nufărău (14 kW) - 24h in Romanian
ROMANIA - Radio România Actualități, Sinaia (14 kW) - 24h in Romanian
ROMANIA - Radio România Actualități, Baia Mare (7 kW) - 24h in Romanian

MACARONESIA

CANARY ISLANDS - RNE Radio 5, Santa Cruz, Tenerife (25 kW) - 24h in Spanish

WEST ASIA

IRAN - IRIB World Service, Tayebad, Razavi Khorasan (400 kW) - 0025-0050 relay Radio Iran in Persian, 0050-0220 Tajik, 0220-0250 Uzbek, 0250-1450 Dari, 1450-1550 Uzbek, 1550-1720 Tajik, 1820-1920 Voice of Khorasan in Dari, 1920-2250 relay Radio Iran in Persian (schedule as per MWList)

SOUTH ASIA

INDIA - Akashvani, Chennai, Tamil Nadu (200 kW) - 0015/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-16, Village Voice, Beijing (200 kW) - 2100-1602 in Chinese
KOREA NORTH - Korean Central Broadcasting Stn, Kanggye, Chagang Province (500 kW) - 2000-1800 in Korean

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Perth (6WF), Perth, Western Australia (50 kW) - 24h in English

729 kHz

EUROPE

GREECE - ERA Proto, Athínaï (70 kW) - 24h in Greek
SPAIN - RNE Radio Nacional, Oviedo, Asturias (100 kW) - 24h in Spanish
SPAIN - RNE Radio Nacional, Málaga, Andalucía (25 kW) - 24h in Spanish
SPAIN - RNE Radio Nacional, Valladolid, Castilla y León (20 kW) - 24h in Spanish
SPAIN - RNE Radio Nacional, Logroño, La Rioja (20 kW) - 24h in Spanish
SPAIN - RNE Radio Nacional, Cuenca, Castilla-La Mancha (10 kW) - 24h in Spanish
SPAIN - RNE Radio Nacional, Alicante, Comunidad Valenciana (10 kW) - 24h in Spanish

AFRICA

NIGERIA - Radio Kano AM, Jogana, Kano State (25 kW) - 0430-2320 in Nigerian languages
SOUTH AFRICA - Radio Pulpit / Radio Kansel, Klipheuwel, Western Cape (25 kW) - 24h in English/Afrikaans

SOUTH ASIA

INDIA - Akashvani, Guwahati, Assam (100 kW) - 0000/1700v in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Jiangxi R&TV, Nanchang, Jiangxi (200 kW + LP) - 2100-1500 in Chinese
JAPAN - NHK-1 (JOCK), Yatomi-shi, Aichi (50 kW) - 24h in Japanese
KOREA NORTH - Pyongyang Broadcasting Station, Sepo, Kangwon Province (50 kW) - 2100-2030 in Korean
MYANMAR - Myanma Radio, Yangon, Yangon Region (100 kW) - 2330-1330 in Burmese
VIETNAM - Voice of Vietnam, Network 2, Quang Binh Province (Dong Hoi, 200 kW) - 2145-1700 in Vietnamese

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Radio National (5RN), Adelaide, South Australia (50 kW) - 24h in English

738 kHz

EUROPE

SPAIN - RNE Radio Nacional, Barcelona, Catalonia (100/150 kW) - 24h in Spanish

AFRICA

MOZAMBIQUE - Rádio Moçambique, Antena Nacional, Maputo (50 kW) - 24h in Portuguese

THE ARAB WORLD

ALGERIA - Radio Illizi, In Aména, Illizi Province (5 kW) - 24h in Arabic

OMAN - Radio Sultanate of Oman, Salalah, Dhofar Region (100 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Bushehr, Dayyer, Bushehr Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Hyderabad, Andhra Pradesh (200 kW) - 0020-1742 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Hunan R&TV, Satellite Service, News Channel, Xiangtan, Hunan (200 kW + LP) - 2100-1700 in Chinese

CHINA - Jilin R&TV, News and General Service, Changchun, Jilin (150 kW + LP) - 24h in Chinese

CHINA - Xinjiang R&TV, Chinese Service, Hutubi, Xinjiang (120 kW + LP) - 2300-1800 in Chinese

KOREA SOUTH - KBS-1 (HLKA), Gyeongsan, Daegu Metropolitan City (100 kW) - 24h in Korea

TAIWAN - Taiwan Area Fisheries Broadcasting Station, Baisha (100 kW) - 24h in Chinese and other languages

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC North Coast (2NR), Grafton, New South Wales (50 kW) - 24h in English

740 kHz

ASIA (transmitters of 50 kW and over)

VIETNAM - Binh Dinh Radio & TV Station, Binh Dinh Province (An Nhơn, 50 kW) - 2145-1700 in Vietnamese

747 kHz

EUROPE

NETHERLANDS - Cupra Radio, Emmer-Compascuum, Drenthe (0.1 kW) 24h in Dutch

NETHERLANDS - MCB Radio Alphen aan den Rijn, Zuid-Holland (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio 4 Brainport, Eindhoven, Noord-Brabant (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Emmeloord / Radio Seagull, Pietersbierum, Friesland (0.1 kW) - Radio Emmeloord: 0600-1800 in Dutch; Radio Seagull: 1800-0600 in English

SPAIN - RNE Radio 5, Cádiz, Andalucía (5 kW) - 24h in Spanish

MACARONESIA

CANARY ISLANDS - RNE Radio 5, Mesas de Galaz, Gran Canaria (25 kW) - 24h in Spanish

AFRICA

NIGERIA - Nagarta Radio, Voice of Unity, Katabu, Kaduna State (60 kW) - 0430-2305 in Nigerian languages

THE ARAB WORLD

SAUDI ARABIA - SBA, Jeddah FM, Buraidah, Al-Qassim Province (10 kW) - 0300-2300 in Arabic

SAUDI ARABIA - SBA, Radio Al-Azm, Najran, Najran Province (10 kW) - 24h in Arabic

SUDAN - Khartoum State Radio, Khartoum, Khartoum State (10 kW) - 0300-0700 and 1300-1900 in Arabic, possibly carries Sudan Radio General Prgm at other times of the day

SUDAN - Red Sea State Radio, Port Sudan, Red Sea State (5 kW) - 0330-2100 in Arabic

WEST ASIA

IRAN - IRIB, Radio Yazd, Yazd, Yazd Province (100 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Lucknow, Uttar Pradesh (300 kW) - 0025-1741 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

JAPAN - NHK-2 (JOIB), Sapporo, Hokkaido (500 kW) - 2100-1540v in Japanese, relay JOCB Nagoya 909 kHz, with NHK World News and foreign language lessons at various times

KOREA SOUTH - KBS-1 (HLKH), Bia, Gwangju Metropolitan City (100 kW) - 24h in Korean

756 kHz

BRITISH ISLES

ENGLAND - BBC Radio 4, Redruth, West Cornwall (2 kW) - 24h in English: 0420-0000 BBC R4, 0000-0420 BBC WS
ENGLAND - BBC Radio Cumbria, Carlisle, Cumbria (1 kW) - 24h in English; includes BBC R5L overnight

EUROPE

PORUGAL - Antena 1, Lamego, Norte Region (2 kW) - 24h in Portuguese

ROMANIA - Radio România Actualitate, Lugoj, Timiș County (400 kW) - 0600-2200 in Romanian

AFRICA

MALAWI - MBC Radio 1, Blantyre, Southern Region (25 kW) - 24h in Chichewa/English

NIGERIA - Radio Oyo, Ibadan, Oyo State (100 kW) - reported to be off-air at present

THE ARAB WORLD

ALGERIA - Algerian Radio - Radio Coran, Djanet, Djanet Province - 24h in Arabic

EGYPT - NMA - South Upper Egypt Radio, Qena, Qena Governorate (10 kW) - 0200-2200 in Arabic

WEST ASIA

IRAN - IRIB, Radio Jahanbin, Shahr-e Kord, Chaharmahal and Bakhtiari (100 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Jagdalpur, Chhattisgarh (100 kW) - 0025/1735 in Hindi, English etc

PAKISTAN - Radio Pakistan, Quetta-I, Pishin, Baluchistan (150 kW) - 0045-0805 and 1000-1810 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Harbin, Heilongjiang (100 kW + LP) - 2025-1805 in Chinese

KOREA SOUTH - Radio 756 AM, Yeonchon-gun, Gyeonggi Province (100 kW) - 24h in Korean for listeners in N. Korea

765 kHz

THE ARAB WORLD

SAUDI ARABIA - SBA, Holy Quran Programme, Al-Aflaj, Ar Riyadh Province (20 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Qurayyat, Al Hudud ash Shamaliyah Province (20 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Al-Hufuf, Eastern Province (10 kW) - 24h in Arabic

SUDAN - Sudan Radio, General Programme, Omdurman, Khartoum State (50 kW) - 24h in Arabic

AFRICA

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Nampula, Nampula (50 kW) - 0250-2215 in Portuguese

WEST ASIA

IRAN - IRIB World Service, Chahbahar, Sistan and Baluchestan Province (1000 kW) - 0130-0220 in Urdu, 0220-1250 in Arabic, 1250-1320 in Pashto, 1320-1420 in Urdu, 1520-1620 in Urdu, 1620-0120 Arabic

SOUTH ASIA

INDIA - Akashvani, Dharwad, Karnataka (200 kW) - 0025/1735 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-5, Voice of the Taiwan Strait, Fuzhou, Fujian (600 kW) - 2055-1705 in Chinese

774 kHz

BRITISH ISLES

ENGLAND - Smooth Radio - Gloucester, Little Shurdington, Gloucestershire (0.14 kW) - 24h in English

ENGLAND - BBC Radio 4, Plymouth, South Devon (1 kW) - 24h in English: 0420-0000 BBC R4, 0000-0420 BBC WS

NORTHERN IRELAND - BBC Radio 4, Enniskillen, County Fermanagh (1 kW) - 24h in English: 0420-0000 BBC R4, 0000-0420 relay BBC WS

EUROPE

SPAIN - RNE Radio Nacional, València, València (100 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Cáceres, Extremadura (60 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, San Sebastián, País Vasco (25 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Ourense, Galicia (20 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Soria, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, León, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, La Línea, Andalucía (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Granada, Andalucía (10 kW) - 24h in Spanish

THE ARAB WORLD

EGYPT - NMA - Middle East Radio, Abis (400 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Markazi, Arak, Markazi (100 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Shimla, Himachal Pradesh (100 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Hubei R&TV, News and General Sce, **Voice of Hubei**, Wuhan, Hubei (200 kW + LP) - 2000-1730 in Chinese

JAPAN - NHK-2 (JOUB), Akita, Tōhoku (500 kW) - 2100-1540v in Japanese, with NHK World News and foreign language lessons at various times

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Melbourne (3LO), Melbourne, Victoria (50 kW) - 24h in English

783 kHz

EUROPE

SPAIN - COPE Barcelona, Barcelona (50 kW) - 24h in Spanish

THE ARAB WORLD

ALGERIA - Radio Illizi, Djanet, Illizi Province (5 kW) - 24h in Arabic

ALGERIA - Radio Oued Souf, El Oued, El Oued Province (10 kW) - 24h in Arabic

SAUDI ARABIA - SBA, **Radio Neda al-Islam**, Ras al-Khair, Eastern Province (100 kW) - 24h in Arabic

SUDAN - River Nile State Radio, Atbara, River Nile State (5 kW) - 0300-2100 in Arabic

WEST ASIA

IRAN - IRIB, Radio Zahedan, Iranshahr, Sistan and Baluchestan Province (150 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Voice of the Strait, Amoy Service, Fotan, Fujian (600 kW) - 2225-1700 in Amoy for listeners in Taiwan

CHINA - Hebei R&TV, Life Radio, Baoding, Hebei (100 kW + LP) - 2100-1900 in Chinese

VIETNAM - Voice of Vietnam, Network 2, Can Tho Province (Thoi Long, 500 kW) - 2145-1700 in Vietnamese

792 kHz

EUROPE

CZECH REPUBLIC - Radio Dechovka, Hradec Králové (10 kW) - 24h in Czech

SPAIN - SER, Radio Sevilla, Sevilla, Andalucía (50 kW) - 24h in Spanish

THE ARAB WORLD

IRAQ - Republic of Iraq Radio, Baghdad (20 kW) - 24h in Arabic (still on air?)

SAUDI ARABIA - SBA, Holy Quran Programme, Jeddah, Makkah Province (50 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Zanjan, Sohravard, Zanjan Province (50 kW) - 24h in Persian & Azeri

SOUTH ASIA

INDIA - Akashvani, Pune, Maharashtra (100 kW) - 0000/1740 in Hindi, English etc

NEPAL - Radio Nepal, Kathmandu, Bagmati Zone, Central Development Region (100 kW) - 2315-1715 in Nepali, others

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Guangxi R&TV, Satellite Service, Nanning, Guangxi Zhuang (200 kW + LP) - 24h in Chinese

801 kHz

EUROPE

GERMANY - Museumssender Cham, Cham, Bavaria (0.001 kW) - occasional broadcasts in Germany

GERMANY - Wertingen Museum, Wertingen, Bavaria (0.001 kW) - occasional broadcasts in Germany

NETHERLANDS - Radio Jong Europa, Alphen aan den Rijn, Zuid-Holland (0.1 kW) - 24h in Dutch

NETHERLANDS - Stem vanaf Drenthe, Hoogeveen, Drenthe (0.1 kW) - 24h in Dutch

SPAIN - RNE Radio Nacional, Lugo, Galicia (25 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Ciudad Real, Castile-La Mancha (20 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Castellón, Valenciana (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Burgos, Castilla y León (10 kW) - 24h in Spanish
SPAIN - RNE Radio Nacional, Zamora, Castilla y León (10 kW) - 24h in Spanish
SPAIN - RNE Radio Nacional, Girona, Catalonia (10 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Amhara State Regional Radio, Bahir Dar, Amhara Region (100 kW) - 0255v ... 2100 in Ethiopian languages

THE ARAB WORLD

BAHRAIN - Radio Bahrain, General Programme, Abu Hayan (100 kW) - 24h in Arabic
SUDAN - North Darfur State Radio, Al-Fashir, North Darfur (5 kW) - 0300-2100 in Arabic

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Shomali, Bojnurd, North Khorasan (50 kW) - 24h in Persian
IRAN - IRIB, Radio Zahedan, Zahedan, Systan & Baluchestan (100 kW) - 24h in Persian and Baluchi

SOUTH ASIA

INDIA - Akashvani, Jabalpur, Madhya Pradesh (200 kW) - 0025/1742 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

TAIWAN - Voice of Kuanghua, Kuanyin (250 kW) - 24h in Chinese (to Mainland China)

810 kHz

BRITISH ISLES

SCOTLAND - BBC Radio Scotland, Burghead, Morayshire (100 kW) - 24h in English; incl. BBC R5L overnight
SCOTLAND - BBC Radio Scotland, Westerglen, Stirlingshire (100 kW) - 24h in English; incl. BBC R5L overnight

EUROPE

GERMANY - Funkerburg, Königs Wusterhausen, Brandenburg (0.0009 kW) - occasional broadcasts in German
NORTH MACEDONIA - MR1, Radio Skopje, Sveti Nikole (100 kW) - 24h in Macedonian
SPAIN - SER, Radio Madrid, Madrid (50 kW) - 24h in Spanish

AFRICA

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Gaza, Xai-Xai, Gaza Province (50 kW) - 0250v-2205v in Portuguese

THE ARAB WORLD

SAUDI ARABIA - SBA, Holy Quran Radio, Hafar al-Batin, Eastern Province (20 kW) - 24h in Arabic
SAUDI ARABIA - SBA, Jeddah FM, Abha, Asir Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Lorestan, Khorramabad, Lorestan Province (100 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Rajkot, Gujarat (300 kW) - 0025/1750 in Hindi, English etc
NEPAL - Radio Nepal, Dipayal, Far Western (10 kW) - 2315-1715 in Nepali, others

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Zhejiang R&TV, Voice of Zhejiang, Hangzhou, Zhejiang (200 kW + LP) - 24h in Chinese
CHINA - Xi'an R&TV, News Service, Xi'an, Shaanxi (50 kW) - 2055-1700 in Chinese
JAPAN - AFN, Eagle 810, Wako, Saitama Prefecture, Tokyo area (50 kW) - 24h in English
KOREA NORTH - Korean Central Broadcasting Station, Kaesong, North Hwanghae (50 kW) - 2000-1800 in Korean

819 kHz

EUROPE

ITALY - Is Good for You Radio, Trieste, TS, Friuli Venezia Giulia (0.1 kW) - Italian
NETHERLANDS - LOMP Radio, Klazienaveen, Drenthe (0.1 kW) - 24h in Dutch
NETHERLANDS - Radio Keukenduin, Wassenaar, Zuid-Holland (0.1 kW) - 24h in Dutch
NETHERLANDS - RegioNL, 's-Hertogenbosch, Noord-Brabant (0.1 kW) - 24h in Dutch

AFRICA

MAURITIUS - MBC Radio Mauritius 2, Malherbes (10 kW) - 24h in Indian languages

THE ARAB WORLD

EGYPT - NMA, General Programme, Batrah (300 kW) - 24h in Arabic

SUDAN - Northern State Radio, Dongola, Northern State (5 kW) - 0300-2100 in Arabic; local prgrs and relays of Sudan Radio General Prgr

WEST ASIA

IRAN - IRIB, Radio Mazandaran, Chalus, Mazandaran Province (60 kW) - 24h in Persian

IRAN - IRIB, Radio Mazandaran, Sari, Mazandaran Province (30 kW) - 24h in Persian

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Dhaka (100 kW) - 0000-0600 and 0800-1800 in Bengali and English

INDIA - Akashvani, Delhi (200 kW) - 0430-1000 and 1125-1840 Indraprastha Channel in Hindi

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Shanxi R&TV, Yuci, Shanxi (200 kW) - 2200-1600 in Chinese

KOREA NORTH - Korean Central Broadcasting Station, Pyongyang (500 kW) - 2000-1800 in Korean

VIETNAM - Voice of Vietnam, Network 2, Buon Ma Thuot , Dac Lac Province (200 kW) - 2200-1700 in Vietnamese

828 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Fern Barrow, Bournemouth, Dorset (0.27 kW) - 24h in English

ENGLAND- BBC Asian Network, Sedgley, West Midlands - (0.2 kW) - 24h with prgrs for the Asian Community; BBC R5L overnight

EUROPE

NETHERLANDS - Radio Paradijs, Utrecht, Utrecht (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Kidoki/Radio Actief, Tilburg, Noord-Brabant (0.05 kW) - 24h in Dutch

MACARONESIA

AZORES - RDP Açores, Monte das Cruzes-Flores (1 kW) - 24h in Portuguese; RDP Açores: 0800-1800, other times relay Antena 1 from Lisbon

AFRICA

ETHIOPIA - Radio Ethiopia, National Programme, Arba Minch, Southern Nations, Nationalities, and People's Region (100 kW) - 24h in Ethiopian languages

SOUTH AFRICA - Magic 828, Klipheuwel, Western Cape (25 kW) - 24h in English

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Jonubi, Tabas, South Khorasan Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Panaji, Goa (20 kW)

INDIA - Akashvani, Silchar, Assam (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Beijing Media Network, News Service, Beijing (50 kW) - 2130-1730 in Chinese

CHINA - Guangdong R&TV, Satellite Radio Guangdong, Heyuan, Guangdong (50 kW + LP) - 24h in Chinese

JAPAN - NHK-2 (JOBB), Habikino (Osaka area), Osaka (300 kW) - 2100-1540v in Japanese

VIETNAM - Son La Radio & TV Station, Son La Province (Son La, 50 kW) - 2200-1400 in Vietnamese

837 kHz

BRITISH ISLES

ENGLAND - BBC Radio Cumbria, Barrow in Furness, Cumbria (2 kW) - 24h in English; incl. BBC R5L overnight

ENGLAND - BBC Asian Network, Freeman's Common, Leicestershire (0.5 kW) - 24h with programmes for the Asian Community; incl. BBC R5L overnight

EUROPE

SPAIN - COPE Andalucía, Sevilla, Andalucía (10 kW) - 24h in Spanish

SPAIN - COPE Castilla y León, Burgos, Castilla y León (10 kW) - 24h in Spanish

SPAIN - COPE Galicia, El Ferrol, Galicia (5 kW) - 24h in Spanish;

MACARONESIA

CANARY ISLANDS - COPE Las Palmas, Tafira, Las Palmas, Gran Canaria (10 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Oromiya, Robe, Oromia Region (100 kW) - 0250 ... 2000v (irreg 24h) in Oromo

THE ARAB WORLD

ALGERIA - Radio Algérienne, Chaîne 3, Béchar, Béchar Province (5 kW) - 0500-0100 in French

WEST ASIA

IRAN - IRIB, Radio Isfahan, Habibabad, Isfahan Province (300 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Vijayawada, Andhra Pradesh (100 kW) - 0025/1742 in Hindi, others

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-5, Taiwan 1, Voice of the Taiwan Strait, Quanzhou, Fujian (1000 kW) - 2055-1705 in Chinese

CHINA - Harbin R&TV, News and General Service, Harbin, Heilongjiang (50 kW) - 24h in Chinese

KOREA SOUTH - Christian Broadcasting System (HLKY), Seoul, National Capital Area (50 kW) - 24h in Korean

840 kHz

AFRICA

ERITREA - Eritrean Radio, Voice of the Broad Masses of Eritrea, Programme 2, Selea Daro, Asmara, Maekel Region (100 kW) - 0250v ... 1900v in Arabic, Afar, Amharic, Oromo, Saho, Bilen

846 kHz

BRITISH ISLES

IRELAND - Radio North / Gospel 846, Redcastle, County Donegal (1 kW) - 24h in English; unlicensed station

EUROPE

ITALY - Radio Luce, Rome, RM, Lazio (1 kW) - Italian

NETHERLANDS - Album AM, Uden, Noord-Brabant (0.1 kW) - 24h in Dutch

NETHERLANDS - brrHRI+, Voorburg, Zuid-Holland (0.1 kW) - 24h in Dutch

NETHERLANDS - Groeistad Radio/Studio 846, Terneuzen, Zeeland (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Mebo 2, Westerlee, Groningen (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Nostalgie, Kollumerzwaag, Friesland (0.1 kW) - 24h in Dutch (currently off-air?)

NETHERLANDS - Veluws Genot, Oldebroek, Gelderland (0.1 kW) - 24h in Dutch

AFRICA

SOUTH AFRICA - Umhlobo Wenene FM, Komga, Eastern Cape (50 kW) - 24h in Xhosa

THE ARAB WORLD

SAUDI ARABIA - SBA, Holy Quran Programme, Buraidah, Al-Qassim (10 kW) - 24h in Arabic

UNITED ARAB EMIRATES - Umm al Quwain BS, Holy Quran Radio, Umm al Quwain (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Tabriz, Mianeh, East Azerbaijan Province (10 kW) - 24h in Persian & Azeri

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Rajshahi (100 kW) - 0000-0400 and 0600-1715 in Bengali and English

INDIA - Akashvani, Ahmedabad, Gujarat (200 kW) - 0020/1743 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Henan R&TV, Farm Service, Zhengzhou, Henan (100 kW + LP) - 24h in Chinese

PHILIPPINES - DZRV, Radio Veritas, Malolos, Manila area, Bulacan Province (50 kW) - 24h in Tagalog/English

855 kHz

BRITISH ISLES

ENGLAND - Sunshine Radio, Villa Farm, Ludlow, Shropshire (0.15 kW) - 24h in English

EUROPE

ROMANIA - Radio România Actualități, Tâncăbești, București (400 kW) - 24h in Romanian

SPAIN - RNE Radio Nacional, Murcia, Murcia (75/100 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Santander, Cantabria (20 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Pontevedra, Galicia (20 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Tarragona, Catalonia (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Huelva, Andalucía (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Salamanca, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Pamplona, Navarra (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Teruel, Aragon (10 kW) - 24h in Spanish
SPAIN - RNE Radio Nacional, Ponferrada, Castilla y León (10 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Ethiopia, National Programme, Harar, Harar Region (100 kW) - 24h in Ethiopian languages

THE ARAB WORLD

SAUDI ARABIA - SBA, Holy Quran Programme, Ras al-Khair, Eastern Province (100 kW) - 24h in Arabic

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-2, Anning, Yunnan (200 kW) and other synchronised transmitters of lesser power - 2100-1602 in Chinese

KOREA NORTH - Pyongyang Broadcasting Station, Sangwon, Pyongan Region (500 kW) - 2100-2030 in Korean

864 kHz

EUROPE

SPAIN - RNE Radio Nacional, Socuellamos, Castile-La Mancha (5 kW) - 24h in Spanish

THE ARAB WORLD

EGYPT - NMA, Holy Quran Prgr, Santah (500 kW) - 24h in Arabic

WEST ASIA

ARMENIA - AR Radio Intercontinental (TWR relays), Gavar, Gegharkunik Province (1000 kW) - 1430-1530 RFE/RL
Radio Svoboda in Russian, 1710-1725 in Turkmen, 1725-1740 in Kazakh, 1740-1755 in Karakalpak

IRAN - IRIB, Radio Kermanshah, Qasr-e Shirin, Kermanshah Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Shillong, Meghalaya (100 kW) - 0025/1630 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Anhui R&TV, Anhui Economic Radio, Hefei, Anhui (50 kW + LP) - 24h in Chinese

KOREA SOUTH - KBS-1 (HLKR), Gangneung, Gangwon Province (100 kW) - 24h in Korean

873 kHz

BRITISH ISLES

ENGLAND - BBC Radio Norfolk, West Lynn, Norfolk (0.3 kW) - 24h in English; incl. BBC R5L overnight

EUROPE

HUNGARY - MR4-Nemzetiségi Adások, Pécs, Baranya (20 kW) - 0700-1900 - 0700-0900 Croatian, 0900-1100 German, 1100-1103 The Southern Bell (Angelus), 1103-1200mo-fr Romany, 1103-1200sa/su Nationalities Music, 1200-1230mo Slovenian, 1200-1230tu Russian, 1200-1230we Greek, 1200-1230th Bulgarian, 1200-1230fr Ukrainian, 1200-1230sa Armenian, 1200-1300su National Magazine, 1230-1300mo-fr Nationalities Music, 1230-1300sa Polish, 1300-1500 Serbian, 1500-1700 Romanian, 1700-1900 Slovak

HUNGARY - MR4-Nemzetiségi Adások, Lakihegy, Pest (20 kW) - 0700-1900 - same schedule as above

MOLDOVA - Radio Moldova, Chișinău (75 kW) - 0355-2000(2100mo) in Moldovan/others; some highlights of schedule include: 1815-1855mo Gagauz, 1815-1835tu/we Romani, 1815-1855th Ukrainian, 1815-1855fr Bulgarian, 1825-1855sa RFE/RL Romanian, 1835-1855tu/we Russian, 1900-1915mo-fr Russian, 1915-1945mo RFE/RL Russian, 2030-2100mo RFE/RL Romanian (schedule subject to confirmation)

SPAIN - SER, Radio Zaragoza, Zaragoza, Aragón (25 kW) - 24h in Spanish

SPAIN - SER, Radio Galicia, Santiago de Compostela, Galicia (10 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Ethiopia, National Programme, Addis Ababa (100 kW) - 24h in Ethiopian languages

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Sofala, Beira, Sofala Province (50 kW) - 0250v-2205v in Portuguese

THE ARAB WORLD

ALGERIA - Radio Ghardaïa, Ghardaïa, Ghardaïa Province (10 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Ar Rass, Al Qassim Province (10 kW) - 24h in Arabic

SUDAN - Al Jazirah State Radio, Wad Madani, Al Jazirah State (10 kW) - 0300-2100 in Arabic

SUDAN - Northern State Radio, Wadi Halfa, Northern State (5 kW) - 0300-2100 in Arabic

WEST ASIA

IRAN - IRIB, Radio Tabriz, Kalibar, East Azerbaijan (10 kW) - 24h in Persian & Azeri

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Chittagong (100 kW) - 0000-0400, 0600-1715 in Bengali and English

INDIA - Akashvani, Jalandhar, Punjab (300 kW) - 2225/1740 in Hindi, English etc

SRI LANKA - SLBC Colombo International Radio, Puttalam (300 kW) - 0130-0330 in Tamil

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Huayi Broadcasting Company, Xiamen, Fujian (200 kW) - 2000-1400 in Chinese

CHINA - Gansu R&TV, News and General Service, Linxia, Gansu (50 kW + LP) in Chinese

CHINA - Heilongjiang R&TV, Korean Service / Story Service, Harbin, Heilongjiang (100 kW + LP) - 2100-0000 in Korean, 0000-1300 in Chinese, 1300-1500 in Korean, 1500-2100 in Chinese

CHINA - Wuhan R&TV, News Service, Wuhan, Hubei (50 kW) - 2030-1700 in Chinese

JAPAN - NHK-2 (JOGB), Kumamoto, Kumamoto (500 kW) - 2100-1540v in Japanese

KOREA NORTH - Korean Central Broadcasting Station, Sinuiju, North P'yongan (250 kW) - 24h in Korean

VIETNAM - Voice of Vietnam, Network 4, Can Tho Province (Thoi Long, 500 kW) - 2300-1300 in minority languages: Cham, Khmer (Kho Me); also relay of VOV-1 and VOV-3 in Vietnamese

882 kHz

BRITISH ISLES

WALES - BBC Radio Wales, Washford, Somerset (12 kW) - 24h in English; BBC R5L overnight (note that transmitter is actually in England and broadcasting across the Bristol Channel into South Wales, listed as Wales for convenience)

EUROPE

SPAIN - COPE Málaga, Málaga, Andalucía (25 kW) - 24h in Spanish

SPAIN - COPE Alicante, Alicante, Valencian (5 kW) - 24h in Spanish

SPAIN - COPE Radio Gijón, Gijón, Asturias (5 kW) - 24h in Spanish

MACARONESIA

CANARY ISLANDS - COPE Tenerife, La Laguna, Tenerife (25 kW) - 24h in Spanish - see above

THE ARAB WORLD

EGYPT - NMA, General Programme, Matrouh, Matrouh Governorate (10 kW) - 1100-0700 (Fri 24h) in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Dammam, Eastern Province (100 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Mahabad, Mahabad, Hamadan Province (60 kW) - 24h in Persian & Kurdish

SOUTH ASIA

INDIA - Akashvani, Imphal, Manipur (300 kW) - 0025/1700 in Hindi, English etc

SRI LANKA - Radio 882, TWR India, Puttalam (350 kW) - 1400-1600 in various South Indian languages & English

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Fujian R&TV, News and General Service, Fuzhou, Fujian (200 kW + LP) - 2040-1700 in Chinese

KOREA NORTH - Korean Central Broadcasting Station, Wonsan, Kangwon Province (250 kW) - 2000-1800 in Korean

PHILIPPINES - DWIZ, Aliw Broadcasting Corp, Obando (Manila area), Bulacan Province (50 kW) - 24h in Tagalog;

891 kHz

EUROPE

NETHERLANDS - Hotradio Hits, Huissen, Gelderland (0.1 kW) - 0300-2100 in Dutch

AFRICA

ETHIOPIA - Radio Ethiopia, National Programme, Dese, Amhara Region (100 kW) - 24h in Ethiopian languages

LESOTHO - Lesotho National Broadcasting Service, Ultimate FM, Lancer's Gap, Maseru (100 kW) - 24h in English

THE ARAB WORLD

ALGERIA - Radio Algérie Internationale, Ouled Fayet, Algiers Province (300/100 kW) - 24h mostly in Arabic, with some French, English & Spanish segments

SUDAN - Sennar State Radio, Sennar, Sennar State (5 kW) - 0300-2000 in Arabic

WEST ASIA

IRAN - IRIB, Radio Dena, Yasuj, Kohgiluyeh and Boyerahmad Province (50 kW) - 24h in Persian & Luri

IRAN - IRIB, Radio Dena, Dehdasht, Kohgiluyeh and Boyerahmad Province (50 kW) - 24h in Persian & Luri

TURKEY - TRT Radyo 1, Antalya, Antalya Province (100 kW) - 0300-1015 in Turkish, regional prgrs from TRT Antalya

SOUTH ASIA

INDIA - Akashvani, Rampur, Uttar Pradesh (2 0 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Ningxia R&TV, News and General Service, Yinchuan, Ningxia Hui (200 kW + LP) - 2100-1700 in Chinese

KOREA SOUTH - KBS-1 (HLKB), Gimhae, Busan Metropolitan City (250 kW) - 24h in Korean

THAILAND - Radio Thailand, Sara Buri, Bangkok (400 kW) - 2150-1702 in Thai

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Adelaide (5AN), Adelaide, South Australia (50 kW) - 24h in English

900 kHz

EUROPE

NETHERLANDS - Sitara FM, Houten, Utrecht (0.1 kW) - 24h in Dutch

NETHERLANDS - Theonex AM, Hoogeveen, Drenthe (0.1 kW) - 24h in Dutch

SPAIN - Radio Popular de Bilbao, Herri Irratia, Bilbao, País Vasco (10 kW) - 24h in Spanish

SPAIN - COPE Granada, Granada, Andalusia (5 kW) - 24h in Spanish

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Qurayyat II, Al Jawf Province (1000 kW) - 1500-2300 in Arabic

WEST ASIA

IRAN - IRIB, Radio Quran, Tehran (Goldasteh), Tehran Province (600 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Kadapa, Andhra Pradesh (100 kW) - 0010/1742 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Dehong R&TV, Minority Service / China Radio International, Luxi, Yunnan (50 kW) - 2250-0257, 0350-0757, 1050-1400 in local languages (CRI broadcasts in Burmese appear to have been discontinued)

CHINA - Henan R&TV, Traffic Service, Zhengzhou, Henan (100 kW + LP) - 2225-1600 in Chinese

CHINA - Heilongjiang R&TV, News Service, Bai'an, Heilongjiang (50 kW + LP) - 24h in Chinese

CHINA - Shenzhen R&TV, News Sce, Shiyuan Zhen, Shenzhen, Guangdong (50 kW) - 24h in Chinese and Cantonese

909 kHz

BRITISH ISLES

ENGLAND - BBC Radio 5 Live, Moorside Edge, West Yorkshire (200 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Brookmans Park, Hertfordshire (150 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Clevedon, Avon (50 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Redruth, Cornwall (2 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Exeter, Devon (1 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Fareham, Hampshire (1 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Whitehaven, Cumbria (1 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Bournemouth, Dorset (0.25 kW) - 24h in English

ENGLAND - BBC Radio 5 Live, Dartford Crossing, Essex/Kent (0.004 kW) - 24h in English

SCOTLAND - BBC Radio 5 Live, Westerglen, Stirlingshire (50 kW) - 24h in English

NORTHERN IRELAND - BBC Radio 5 Live, Lisnagarvey, County Down (10 kW) - 24h in English

NORTHERN IRELAND - BBC Radio 5 Live, Londonderry, County Londonderry (1 kW) - 24h in English

EUROPE

ROMANIA - Radio România Actualități, Timișoara (50 kW) - 24h in Romanian

ROMANIA - Radio Cluj, Cluj (200 kW) - 0300-1900 in Romanian; except for prgrs for minorities: 0500-0700mo-sa Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian, 1100-1200mo-sa Radio Bukarest in German, 1300-1500mo-sa Kolozsvari Radio in Hungarian

ROMANIA - Radio Constanța, Prgr 2, Constanța (25 kW) - 0300-2100 in Romanian; except for prgrs for minorities: 1515-1600su in Aromanian, 1605-1700mo-fr in Armenian, Greek, Russian, Tatar, and Turkish

SPAIN - RNE Radio 5, Palma de Mallorca, Balearic Islands (10 kW) - 24h in Spanish

AFRICA

BOTSWANA - Voice of America relay, Selebe Phikwe, Central District (600 kW) - 0300-0400 in English, 0400-0430mo-fr in Shona, 0400-0500sa/su in English, 0430-0500mo-fr in Ndebele, 0500-0700 in English, 1600-1700 in English, 1700-1730 Studio 7 in Shona, 1730-1800 Studio 7 in Ndebele, 1800-2100 in English

THE ARAB WORLD

ALGERIA - Radio Algérienne Chaîne 1, Tamanrasset, Tamanrasset Province (10 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Kerman, Sirjan, Kerman Province (150 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Gorakhpur, Uttar Pradesh (100 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-6, Taiwan 2, Voice of Shenzhou, Quanzhou, Fujian (600 kW) - 2155-1605 in Amoy, Hakka and Mandarin

CHINA - Tianjin R&TV, News Service, Tianjin, Tianjin Municipality (50 kW) - 2055-1800(-1600tu) in Chinese

917 kHz

AFRICA

NIGERIA - Radio Gotel, Yola, Adamawa State (50 kW) - 0400-2305 in English/local languages; observed with abrupt sign-off at 2157 on 31 October 2022.

918 kHz

EUROPE

NETHERLANDS - Citrus AM, Emst, Gelderland (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Monique 918, Velsen-Noord, Noord-Holland (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio T-Pot, Gasselternijveen, Drenthe (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio T-Pot, Grou, Friesland (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio T-Pot, Oldenzaal, Overijssel (0.1 kW) - 24h in Dutch

ITALY - AM Italia, Villa Estense, PD, Veneto (1 kW) - 0500-2200; also relays IRRS-Nexus at 1700-2115 in English

AFRICA

NIGERIA - Radio Benue, Makurdi, Benue State (50 kW) - 0430-2305 in Nigerian languages

THE ARAB WORLD

Egypt - NMA, General Programme, Bawti (10 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Kerman, Jiroft, Kerman Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Suratgarh, Rajasthan (300 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CAMBODIA - National Radio of Kampuchea, Kandal Stueng, Phnom Penh (600 kW) - 2200-1700 in Cambodian

CHINA - Shandong R&TV, News Channel, Jinan, Shandong (200 kW + LP) - 1940-1650 in Chinese

927 kHz

EUROPE

ITALY - Power 927, Abbiategrasso, MI, Lombardy (1 kW) - 24h in Italian

THE ARAB WORLD

ALGERIA - Radio Adrar, Timimoun, Adrar Province (10 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Jeddah FM, Al-Hufuf, Eastern Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Lorestan, Dorud, Lorestan Province (50 kW) - 24h in Persian

TURKEY - TRT Radyo 1, Izmir, Izmir Province (100 kW) - 0300-1015 in Turkish, regional prgrs from TRT Izmir Radyosu

SOUTH ASIA

INDIA - Akashvani, Vishakapatnam, Andhra Pradesh (100 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Guizhou R&TV, General Channel, Kaili, Guizhou (200 kW) - 2150-1705 in Chinese

CHINA - CNR-6, Taiwan 2, Voice of Shenzhou, Xiamen, Fujian (100 kW) - 2155-1605 in Amoy/Hakka/Mandarin

CHINA - Liaoning R&TV, Rural Service, Shenyang, Liaoning (50 kW) - 24h in Chinese; silent Tue 0500-0800

KOREA NORTH - Korean Central Broadcasting Station, Sariwon, North Hwanghae (50 kW) - 2000-1800 in Korean

TAJIKISTAN - Teleradiokom (NHK World Japan relay), Dushanbe, Karotegin Province (300 kW) - 1630-1650 NHK in Persian, 1700-1720 NHK in Urdu

936 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Naish Hill, West Wiltshire (0.18 kW) - 24h in English

ENGLAND - Dales Radio, Hawes, North Yorkshire (0.15 kHz) - 24h in English (Community Radio)

EUROPE

SPAIN - RNE Radio 5, Zaragoza, Aragon (20 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Valladolid, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Alicante, Valenciana (10 kW) - 24h in Spanish

THE ARAB WORLD

EGYPT - NMA, Om Kalthoum Programme, Abu Zabal, Cairo (50 kW) - 1500-2000 in Arabic

MOROCCO - SNRT Network C, Agadir, Agadir Province (100 kW) - 24h in Berber/Arabic dialects

SAUDI ARABIA - SBA, Holy Quran Programme, Makkah, Makkah Province (50 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Riyadh, Riyadh Province (50 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Chichest, Miandoab, West Azerbaijan Province (300 kW) - 24h in Persian

IRAN - IRIB, Radio Chichest, Urumiyeh, West Azerbaijan Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Tiruchirapalli, Tamil Nadu (100 kW) - 0015/1735 in Hindi, others

PAKISTAN - Azad Kashmir Radio, Mirpur, Azad Jammu and Kashmir (100 kW) - 0045-0515, 1100-1810 in Urdu etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Anhui R&TV, News and General Service, Hefei, Anhui (200 kW + LP) - 2100-1700 in Chinese

945 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Bexhill-on-Sea, East Sussex (0.7 kW) - 24h in English

ENGLAND - Gold, Quarndon, Derbyshire (0.2 kW) - 24h in English

EUROPE

ROMANIA - Radio România Actualități, Miercurea Ciuc, Harghita County (14 kW) - 24h in Romanian

AFRICA

ANGOLA - Radio N'Gola Yetu / RNA International Service, Mulenvos, Luanda (25 kW) - 24h: MWList says 0200-0500 Lingala, 0500-0800 French, 0800-1100 Portuguese, 1100-1400 English, 1400-1700 Lingala, 1700-2000 French, 2000-2300 Portuguese, 2300-0200 English

NIGERIA - Kebbi Radio, Birnin Kebbi, Kebbi State (10 kW) - 0500-2300 in Nigerian languages

SÃO TOMÉ E PRÍNCIPE - Rádio Nacional de São Tomé e Príncipe, Pinheira (20 kW) - 24h in Portuguese

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Ha'il, Ha'il Province (50 kW) - 0300-2300 in Arabic

SUDAN - West Kordofan State Radio, Al-Fulah, West Kordofan State (5 kW) - 0300-2100 in Arabic

WEST ASIA

IRAN - IRIB, Radio Kordestan, Dehgolan, Kordestan Province (100 kW) - 24h in Persian & Kurdish

SOUTH ASIA

INDIA - Akashvani, Sambalpur, Odisha (100 kW) - 0025/1735 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Jiaohe, Jilin (400 kW) - 2025-1805 in Chinese

CHINA - Heilongjiang R&TV, Rural Service, Fujin, Heilongjiang (50 kW + LP) - 24h in Chinese

950 kHz

AFRICA

ERITREA - Eritrean Radio, Voice of the Broad Masses of Eritrea, Programme 1, Selea Daro, Asmara, Maekel Region (100 kW) - 0250v ... 1830v in Tigrinya, Tigre, Kunama

954 kHz

DRM

CZECH REP - ČRo Radiožurnál, České Budějovice, South Bohemian (3 kW) - 0200(0300s/s)-2200 in Czech - DRM

EUROPE

SPAIN - Onda Cero Radio, Madrid (50 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Sidama, Irgalem, Sidama Zone, Southern Nations, Nationalities and Peoples Region (2.5 kW) - 0400-1800 in Amharic, Sidamo and English

WEST ASIA

TURKEY - TRT Radyo 1, Trabzon, Trabzon Province (300 kW) - 0300-1015 in Turkish, regional prgrs from TRT Trabzon

SOUTH ASIA

INDIA - Akashvani, Najibabad, Uttar Pradesh (100 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Hainan R&TV, News Service, Haikou, Hainan (50 kW) - 24h in Chinese and Hainan dialect

CHINA - Hulun Buir R&TV, Mongolian News and General Sce, Hailar, Nei Menggu (50 kW) - 2140-1430 in Mongolian

JAPAN - TBS Radio (JOKR), Toda (Tokyo area), Saitama (100 kW) - 24h in Japanese; sole TBS station

963 kHz

BRITISH ISLES

ENGLAND - Sunrise Radio, Hackney, London (0.95 kW) - 24h for the Asian community

ENGLAND - Asian Sound Radio, Haslingden, East Lancashire (0.2 kW) - 24h for the Asian community

EUROPE

CYPRUS - CyBC 1, RIK Proto (Radio 1), Nicosia (100 kW) - 24h in Greek

POLAND - Twoje Radio Lipsko, Lipsko (0.1 kW) - 24h in Polish, local prgrs and relay Twoje Radio AM

PORTUGAL - Rádio Renascença, Seixal, Lisboa Region (1 kW) - 24h in Portuguese

AFRICA

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Tete, Tete, Tete Province (50 kW) - 0250-2200 (24h Sat/Sun) in Portuguese

THE ARAB WORLD

KUWAIT - Radio of the State of Kuwait, Kuwait City (20 kW) - 0500-0800 English, 0800-1000 Persian, 1000-1200 Filipino, 1200-1600 Main Arabic Prgr, 1600-1800 Urdu, 1800-2100, English, 2100-0500 Main Arabic Prgr

SUDAN - Sudan Radio, General Programme, Khartoum, Khartoum State (100 kW) - 24h in Arabic: 0200-0530 Holy Quran R, 0530-0830 R As-Salam, 0830-1000 General Prgr, 1000-1200 National Unity R, 1200-1300 General Prgr, 1300-2100 R As-Salam, 2100-0200 General Prgr

TUNISIA - Radio Tunis Chaîne Internationale, Tunis, Tunis Governorate (100 kW) - 0000-1303 in French, 1303-1330 in English, 1330-1400 in Italian, 1400-1903 in French, 1903-1930 in Spanish, 1930-2000 in German, 2000-0000 in French

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Jonubi, Birjand, South Khorasan Province (150 kW) - 24h in Persian

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Sylhet (20 kW)

INDIA - Akashvani, Jalgaon, Maharashtra (20 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Huadian, Jilin (600 kW) - 1100-1600 in Russian

CHINA - Liaoning R&TV, News and General Service, Dalian, Liaoning (50 kW + LP) - 24h in Chinese

972 kHz

BRITISH ISLES

ENGLAND - Sunrise Radio, Southall, London (1 kW) - 24h for the Asian community

EUROPE

SPAIN - RNE Radio Nacional, Cabra, Andalucía (5 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Monforte de Lemos, Galicia (2 kW) - 24h in Spanish

NORTH AFRICA

MELILLA - RNE-1, Radio Nacional, Melilla (5 kW) - 24h in Spanish

AFRICA

BOTSWANA - Radio Botswana, National Service, Sebele, South-East District (25 kW) - 24h in Setswana/English

ETHIOPIA - Radio Ethiopia, National Programme, Robe, Oromia Region (100 kW) - 24h in Ethiopian languages

NIGERIA - Katsina State Radio, Dutsinma, Katsina State (25 kW) - 0430-2300 in Nigerian languages

WEST ASIA

IRAN - IRIB, Radio Ilam, Ilam, Ilam Province (100 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Cuttack, Odisha (300 kW) - 0025-1735 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Henan R&TV, Economic Service, Xingyang, Henan (100 kW + LP) - 2050-1700 in Chinese

KOREA SOUTH - KBS Ethnic Korean Service (HLCA), Dangjin, South Chungcheong Province (1500 kW) - 0350-0000 in Korean for listeners in NE China, with Japanese at 1600-1700

TAJIKISTAN - Teleradiokom (USAGM relays), Orzu, Khatlon Province (800 kW) - 1400-1430 RFE/RL Radio Azadi in Dari, 1430-0230 Radio Ashna in Pashto/Dari

981 kHz

BRITISH ISLES

IRELAND - Radio Star Country, Emmyvale, County Monahan (1 kW) - 24h in English; unlicensed

EUROPE

CZECH REPUBLIC - Radio Cesky Impuls, Líbeznice (10 kW) - 24h in Czech

PORTUGAL - Rádio Renascença, Coimbra, Centro Region (3 kW) - 24h in Portuguese

THE ARAB WORLD

ALGERIA - Radio Algérienne Chaîne 2, Ouled Fayet, Algiers Province (300/100 kW) - 24h in Tamazight

EGYPT - NMA, North Upper Egypt Radio, Asyut, Asyut Governorate (10 kW) - 0200-2200 in Arabic

EGYPT - NMA, General Programme, Baris, New Valley Governorate (1 kW) - 0300-0000 in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Medina, Al Madinah Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Hamadan, Hamadan, Hamadan Province (100 kW) - 24h in Persian; MWList says Radio Nejat at 0230-0430 and 1230-1430

SOUTH ASIA

INDIA - Akashvani, Raipur, Chhattisgarh (100 kW) - 0025/1742 in Hindi, English etc

PAKISTAN - Radio Pakistan, Turbat, Baluchistan (100 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, numerous synchronised transmitters of 200 kW and less - 2025-1805 in Chinese

TAIWAN - Voice of Kuanghua, Hsinfeng (250 kW) - 0800-0000 in Chinese (to Mainland China)

990 kHz

BRITISH ISLES

ENGLAND - Greatest Hits Radio, Crimpsall, Doncaster, South Yorkshire (0.25 kW) - 24h in English

WALES - BBC Radio 5 Live, Tywyn, Gwynedd (1 kW) - 24h in English

EUROPE

SPAIN - SER, Radio Bilbao, Bilbao, País Vasco (10 kW) - 24h in Spanish

SPAIN - SER, Radio Cádiz, Cádiz, Andalucía (5 kW) - 24h in Spanish

AFRICA

NIGERIA - Radio Lagos, Lagos, Lagos State (10 kW) - 0430-0005 in Nigerian languages

SOUTH ASIA

INDIA - Akashvani, Jammu, Jammu & Kashmir (300 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Shanghai R&TV, News Channel, Shanghai (100 kW daytime, 50 kW night) - 24h in Chinese

999 kHz

BRITISH ISLES

ENGLAND - Gold, Trowell, Nottingham (0.25 kW) - 24h in English

EUROPE

MALTA - Radio Malta, Bizbija (5 kW) - 24h in Maltese and limited English

MOLDOVA (PMR) - Radio Rossii, Maiac, Grigoriopol (500 kW) - 1600-2200 in Russian (irregular)

SPAIN - COPE Madrid, Majadahonda (50 kW) - 24h in Spanish

THE ARAB WORLD

SAUDI ARABIA - SBA, Holy Quran Programme, Duba, Tabuk Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Kordestan, Baneh, Kordestan Province (50 kW) - 24h in Persian & Kurdish

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Thakurgaon (10 kW)

INDIA - Akashvani, Almora, Uttarakhand (1 kW)

INDIA - Akashvani, Coimbatore, Tamil Nadu (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Heihe, Heilongjiang (100 kW) - 2125-1415 in Chinese

CHINA - Liaoning R&TV, Economic Service, Shenyang, Liaoning (50 kW) - 24h in Chinese

KOREA NORTH - Korean Central BS, Hamhung, South Hamyong (50 kW) - 2000-1800 in Korean; irregular

TAJIKISTAN - Radio Afghanistan International, Orzu (reported as 500 kW) - 1130-2200 in Pashto

1008 kHz

EUROPE

GREECE - ERA 1, Corfu (50 kW) - 24h in Greek; including local prgrs of ERT Kerkiras

NETHERLANDS - Radio Babylona, Musselkanaal, Groningen (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Experience, Wageningen, Gelderland (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Transparant, Creil, Flevoland (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Twente Gold, Hengelo, Overijssel (0.05 kW) - 24h in Dutch

SPAIN - SER, Radio Extremadura, Badajoz, Extremadura (10 kW) - 24h in Spanish

SPAIN - SER, Radio Alicante, Alicante, Valenciana (5 kW) - 24h in Spanish

AFRICA

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Maputo, Maputo (50 kW) - 0250-2205 (24h Sat/Sun) in Portuguese

THE ARAB WORLD

EGYPT - NMA, North Upper Egypt Radio, Faiyum, Faiyum Governorate (10 kW) - 0545-2200 in Arabic

WEST ASIA

IRAN - IRIB, Radio Semnan, Semnan, Semnan Province (100 kW) - 24h in Persian

SOUTH ASIA

PAKISTAN - Radio Pakistan, Hyderabad, Sindh (120 kW) - 0045-0405, 0600-1810 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, multiple locations but most powerful at Anning, Yunnan (200 kW) - 2025-1805 in Chinese

JAPAN - ABC, Asahi Hosō (JONB), Takaishi, Osaka (50 kW) - 24h in Japanese; ABC key station

1017 kHz

EUROPE

ITALY - Amica Radio Veneta, Vigonza, PD, Veneto (1 kW) - 0500-1900 in Italian

SPAIN - RNE Radio 5, Burgos, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Granada, Andalucía (10 kW) - 24h in Spanish

WEST ASIA

IRAN - IRIB, Radio Iran, Bandar Abbas, Hormozgan Province (50 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-8 / China Radio International, Changchun, Jilin (100 kW) - 1000-1100 CNR-8 in Korean, 1100-1500 and 2100-2300 CRI in Korean

CHINA - Guangdong R&TV, Satellite Radio Guangdong, Shaoguan, Guangdong (50 kW + LP) - 24h in Chinese

JAPAN - NHK-2 (JOLB), Fukuoka, Fukuoka (50 kW) - 2030-1540v in Japanese

1026 kHz

BRITISH ISLES

NORTHERN IRELAND - Downtown Radio, Belfast (Knock-Breckan 1.7 kW) - 24h in English

CHANNEL ISLANDS - BBC Radio Jersey, Trinity (1 kW) - 24h in English; inc. BBC R5L overnight

EUROPE

SPAIN - SER, Radio Salamanca, Salamanca, Castilla y León (10 kW) - 24h in Spanish

SPAIN - SER, Radio Reus, Reus, Galicia (10 kW) - 24h in Spanish

SPAIN - SER, Radio Jaén, Jaén, Andalucía (5 kW) - 24h in Spanish

SPAIN - SER, Radio Jerez, Jerez de la Frontera, Andalucía (5 kW) - 24h in Spanish

SPAIN - SER, Radio Vigo, Vigo, Galicia (5 kW) - 24h in Spanish

SPAIN - SER, Radio Asturias, Oviedo, Asturias (5 kW) - 24h in Spanish

AFRICA

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Manica, Chimoio, Manica Province (50 kW) - 0250-2200 (24h Sat/Sun) in Portuguese

NIGERIA - Radio Jigawa, Dutse, Jigawa State (25 kW) - 0500-2205 in Nigerian languages

THE ARAB WORLD

ALGERIA - Radio Ourgla, Hassi Messaoud, Ouargla Province (10 kW) - 24h in Arabic

SUDAN - Blue Nile State Radio, Ad-Damazin, Blue Nile State (5 kW) - 0300-2100 in Arabic

WEST ASIA

IRAN - IRIB, Radio Tabriz, Azarshahr, East Azerbaijan Province (100 kW) - 24h in Persian & Azeri

SOUTH ASIA

INDIA - Akashvani, Prayagraj, Uttar Pradesh (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Beijing R&TV, Public Service, Beijing (50 kW) - 2100-1600 in Chinese

CHINA - Guizhou R&TV, Satellite Service, General Channel, Xiuwen, Guizhou (200 kW + LP) - 2150-1705 in Chinese

1035 kHz

BRITISH ISLES

ENGLAND - Lyca Gold, Crystal Palace, London (2.5 kW) - 24h for the Asian community

SCOTLAND - West Sound, Symington, Ayr (0.32 kW) - 24h in English

EUROPE

ESTONIA - Radio Eli, Tartu (200 kW) - 24h schedule and includes at 1800-1900 RFE/RL Radio Liberty in Russian and 1900-2020(2030sa/su) TWR in Russian/Ukrainian/Belarusian (see entry for Estonia in "Europe on Mediumwave" for further details of [programming on Radio Eli]

NETHERLANDS - Neverland AM, Venlo, Limburg (0.1 kW) - 24h in Dutch

AFRICA

ETHIOPIA - Radio Oromiya, Adama, Oromia Region (10 kW) - 0250 ... 2000v (irreg 24h) in Oromo

THE ARAB WORLD

SAUDI ARABIA - SBA, Jeddah FM, Yanbu al-Bahr, Al Madinah Province (20 kW) - 24h in Arabic

SOUTH ASIA

INDIA - Akashvani, Guwahati, Assam (20 kW)

PAKISTAN - Radio Pakistan, Multan, Punjab (120 kW) - 0045-0405, 0600-1810 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, many synchronised transmitters around China of 50 kW or less - 2025-1805 in Chinese

1044 kHz

EUROPE

SPAIN - SER, Radio San Sebastián, San Sebastián, País Vasco (10 kW) - 24h in Spanish
SPAIN - SER, Radio Valladolid, Valladolid, Castilla y León (5 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Ethiopia, National Programme, Mekelle, Tigray Region (100 kW) - 0245-2100 in Aharic, Tigrigna etc

THE ARAB WORLD

SAUDI ARABIA - SBA, Jeddah FM, Afif, Najd Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Ilam, Dehloran, Ilam Province (50 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Changzhou, Jiangsu (1000 kW) - 1100-1600 in Japanese

1053 kHz

BRITISH ISLES

ENGLAND - TalkSport, Droitwich, Worcestershire (500 kW) - 24h in English
ENGLAND - TalkSport, Postwick, Norfolk (18 kW) - 24h in English
ENGLAND - TalkSport, Rusthall, Kent (4 kW) - 24h in English
ENGLAND - TalkSport, Southwick, West Sussex (2.2 kW) - 24h in English
ENGLAND - TalkSport, Stockton-on-Tees, North Yorkshire (1 kW) - 24h in English

EUROPE

ROMANIA - Radio Iasi, Iasi (400 kW) - 0300-1900 in Romanian; includes ethnic programmes Mon-Fri 1730-1800 as follows: Mon: Roma; Tue: Jewish; Wed: Lipovian Russians; Thu: Ukrainian; Fri: Intercultural dialogue

RUSSIA - Radio Maria, St Petersburg, Northwestern Federal District (10 kW) - 0500-2100 in Russian

SPAIN - COPE Zaragoza, Zaragoza, Aragón (25 kW) - 24h in Spanish

SPAIN - COPE Castellón, Vila-Real, Valenciana (5 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Oromiya, Nekemte, Oromia Region (10 kW) - 0250 ... 2000v (irreg 24h) in Oromo

WEST ASIA

IRAN - IRIB, Radio Iran, Khorramabad, Lorestan Province (100 kW) - 24h in Persian

IRAN - IRIB, Radio Zahedan, Seravan, Sistan and Baluchestan Province (25 kW) - 24h in Persian & Baluchi

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Rangpur (10 kW)

INDIA - Akashvani, Leh, Jammu & Kashmir (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Hubei R&TV, Economic Service, Qianjiang, Hubei (50 kW) - 1940-1800 in Chinese

CHINA - Liaoning R&TV, Literary Service, Shenyang, Liaoning (50 kW) - 24h in Chinese; silent Tue 0540-0900

CHINA - Wenshan R&TV, Minorities Service, Wenshan, Yunnan (50 kW) - 2225-0030, 0355-0530, 0955-1400 in Chinese, Miao, Yao, Zhuang

JAPAN - CBC, Chubu-Nippon Hosō (JOAR), Kuwana-shi, Mie (50 kW) - 24h in Japanese; CBC key station

1062 kHz

EUROPE

CZECH REP - Country Radio, Prague-Zbraslav (20 kW: 0500-1700; 1 kW 1700-0500) - 24h in Czech

WEST ASIA

IRAN - IRIB, Radio Kerman, Kerman, Kerman Province (50 kW) - 24h in Persian

TURKEY - TRT Radyo 1, Diyarbakır, Diyarbakır Province (300 kW) - 0300-1900 in Turkish, including regional prgrs

SOUTH ASIA

INDIA - Akashvani, Pasighat, Arunachal Pradesh (10 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Guangdong R&TV, Zhujiang Economic BS, Guangzhou, Guangdong (100 kW) - 24h in Cantonese

KOREA - KBS-1 (HLKQ), Cheongju, North Chungcheong (50 kW) - 24h in Korean

1071 kHz

BRITISH ISLES

ENGLAND - TalkSport, Clipstone, Nottinghamshire (1 kW) - 24h in English

ENGLAND - TalkSport, Wrekenton, Tyne and Wear (1 kW) - 24h in English

EUROPE

ITALY - Media Veneta Radio, Piove di Sacco, PD, Veneto (1.5 kW) - Italian

THE ARAB WORLD

ALGERIA - Radio Algérienne Chaîne 1, Illizi, Illizi Province (5 kW) - 24h in Arabic

EGYPT - NMA, Adults Radio/Nile River Radio, Abu Za'bal, Cairo (100 kW) - 0300-1500 Adults Radio in Arabic ;
1700-2300 Nile River Radio in Arabic

SAUDI ARABIA - SBA, Radio Riyadh, Beesha, 'Asir Province (50 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Ma'aref, Alborz, Qom Province (100 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, External Service, Rajkot, Gujarat (1000 kW) - 2330-0100 in Punjabi, 0100-0130 in Sindhi, 0400-0745 in Urdu, 0930-1130 in Urdu, 1130-1200 in Saraiki, 1200-1230 in Punjabi, 1545-1930 in Urdu (now in AM mode, had previously been in Pure DRM)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Tianjin R&TV, Economic Service, Tianjin, Tianjin Municipality (50 kW) - 2055-1800(-1600tu) in Chinese

VIETNAM - Voice of Vietnam, Network 1, Phuoc Dinh, Ninh Thuan Province (400 kW) - 2145-1700 in Vietnamese

1080 kHz

EUROPE

SPAIN - SER, Radio Huesca, Huesca, Aragón (10 kW) - 24h in Spanish

SPAIN - SER, Radio Granada, Granada, Andalucía (5 kW) - 24h in Spanish

SPAIN - SER, Radio Coruña, La Coruña, Galicia (3 kW) - 24h in Spanish

SPAIN - Onda Cero Radio, Toledo, Castile-La Mancha (5 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Fana, Addis Ababa (3 kW) - 0255-2100 in Amharic, Afar, Oromo, Somali, Tigrinya

THE ARAB WORLD

EGYPT - NMA, General Programme, Luxor (10 kW) - 0300-0000 in Arabic

EGYPT - NMA, General Programme, El Minya (100 kW) - 0300-0000 in Arabic

SAUDI ARABIA - SBA, Radio Riyadh, Najran, Najran Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB World Service, Bandar-e Mahshahr, Khozestan Province (750 kW) - 1730-0330 in Arabic

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Xuanwei, Yunnan (200 kW) - 1130-1230 in Thai, 1330-1430 in Thai, 1430-1530 in Lao, 1600-1800 in English

1089 kHz

BRITISH ISLES

ENGLAND - TalkSport, Brookmans Park, Hertfordshire (400 kW) - 24h in English

ENGLAND - TalkSport, Moorside Edge, West Yorkshire (400 kW) - 24h in English

ENGLAND - TalkSport, Washford, Somerset (80 kW) - 24h in English

ENGLAND - TalkSport, Dartford Crossing, Essex/Kent (0.004 kW) - 24h in English

SCOTLAND - TalkSport, Westerglen, Stirlingshire (125 kW) - 24h in English

NORTHERN IRELAND - TalkSport, Lisnagarvey, County Antrim (12.5 kW) - 24h in English

EUROPE

RUSSIA - Kuban Radio Transmitting Centre, Tbilisskaya, Krasnodar Krai (1200 kW) - Occasional test transmissions

THE ARAB WORLD

ALGERIA - Radio Adrar, Adrar, Adrar Province (10 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Jeddah FM, Qurayyat, Al Jawaf Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Semnan, Shahrud, Semnan Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Naushera, Jammu & Kashmir (20 kW)

INDIA - Akashvani, Udupi, Karnataka (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-6, Taiwan 2, Voice of Shenzhou, Fuzhou, Fujian (600 kW) - 2155-1605 in Amoy, Hakka and Mandarin

CHINA - Liaoning R&TV, News and General Service, Shenyang, Liaoning (200 kW + LP) - 24h in Chinese

1098 kHz

EUROPE

ITALY - Media Radio Castellana, Castel San Pietro Terme, BO, Emilia-Romagna (0.5 kW) - Italian

NETHERLANDS - Golden Oldies Radio, Hoogvliet, Zuid-Holland (0.1 kW) - 24h in Dutch

NETHERLANDS - Het Milano Team, Punthorst, Overijssel (0.1 kW) - 24h in Dutch

NETHERLANDS - Seabreeze AM, Laren, Noord-Holland (0.05 kW) - 24h in Dutch

SPAIN - RNE Radio 5, Almería, Andalucía (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Ávila, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Lugo, Galicia (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Huelva, Andalucía (5 kW) - 24h in Spanish

THE ARAB WORLD

SAUDI ARABIA - SBA, Jeddah FM, Dammam, Eastern Province (100 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB World Service, Zabol, Systan and Baluchestan Province (100 kW) - 0130-0230 in Urdu, 0300-0630 in Dari, 0720-0820 in Pashto, 0820-1520 in Dari, 1520-1720 in Tajik

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-11, CNR Tibetan Sce, Golmud, Qinghai (1000 kW) - 2155-1605 in Tibetan; 1605-1700 CNR-1 in Chinese

1107 kHz

BRITISH ISLES

ENGLAND - TalkSport, Lydd, Kent (2 kW) - 24h in English

ENGLAND - TalkSport, Boston, Lincolnshire (1 kW) - 24h in English

ENGLAND - TalkSport, Duxhurst, Surrey (1 kW) - 24h in English

ENGLAND - TalkSport, Fareham, Hampshire (1 kW) - 24h in English

ENGLAND - TalkSport, Wallasey, Wirral (0.5 kW) - 24h in English

SCOTLAND - Moray Firth Radio, Inverness (Tarbat Ness, 1.5 kW) - 24h in English

EUROPE

SPAIN - RNE Radio 5, Logroño, La Rioja (25 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Santander, Cantabria (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Teruel, Aragón (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Ponferrada, Castile y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Cáceres, Extremadura (5 kW) - 24h in Spanish

AFRICA

NIGERIA - Supreme FM, Jaji, Kaduna State (25 kW) - 0400-2305 in Nigerian languages

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Razavi, Sabzevar, Khozestan Province (50 kW) - 24h in Persian

SOUTH ASIA

AFGHANISTAN - Radio Afghanistan, Pol-e-Charkhi, Kabul (400 kW) - 0100-1930 in Afghan languages

INDIA - Akashvani, Kalaburagi, Karnataka (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Xinjiang R&TV, Hutubi, Xinjiang (100 kW) - 0000-1800 in Kazakh

1116 kHz

BRITISH ISLES

ENGLAND - BBC Radio Derby, Burnaston Lane, Derby (1 kW) - 24h in English; incl. BBC R5L overnight

CHANNEL ISLANDS - BBC Radio Guernsey, Rohais (0.5 kW) - 24h in English; incl. BBC R5L overnight

EUROPE

HUNGARY - Dankó Rádió, Miskolc, Northern Hungary (15 kW) - 0225-1905 in Hungarian

HUNGARY - Dankó Rádió, Mosonmagyarovár, Western Transdanubia (5 kW) - 0225-1905 in Hungarian

NETHERLANDS - Backyard AM, Zaandijk, Noord-Holland (0.05 kW) - 24h in Dutch

SPAIN - SER, Radio Pontevedra, Pontevedra, Galicia (10 kW) - 24h in Spanish

SPAIN - SER, Radio Albacete, Albacete, Castile-La Mancha (5 kW) - 24h in Spanish

AFRICA

DJIBOUTI - RTD Radio Inter, Dorale (50 kW) - 0300-1930 in Afar (and French?); reactivated in July 2022

THE ARAB WORLD

SAUDI ARABIA - SBA, Jeddah FM, Madinah, Al Madinah Province (20 kW) - 24h in Arabic

SOUTH ASIA

INDIA - Akashvani, Srinagar, Jammu & Kashmir (300 kW) - 0020/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-2, Harbin, Heilongjiang (120 kW) - 2100-1602 in Chinese

CHINA - CNR-5, Voice of the Taiwan Strait, Shaowu, Fujian (600 kW) - 2055-2200 and 0955-1705 in Chinese

CHINA - Sichuan R&TV, News Service, Chengdu, Sichuan (200 kW) and others of lesser power - 2155-1605 in Chinese

1125 kHz

EUROPE

SPAIN - RNE Radio 5, Badajoz, Extremadura (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Castellón, Valenciana (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Soria, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Toledo, Castilla La Mancha (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Vitoria, País Vasco (10 kW) - 24h in Spanish

SOUTH ASIA

INDIA - Akashvani, Tezpur, Assam (20 kW)

INDIA - Akashvani, Udaipur, Rajasthan (20 kW)

PAKISTAN - Radio Pakistan, Quetta, Baluchistan (100 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Hebei R&TV, Economic Service, Shijiazhuang, Hebei (50 kW + LP) - 2130-1800 in Chinese

CHINA - Wuhan R&TV, Changjiang Economic Broadcasting Station, Wuhan, Hubei (50 kW) - 2055-1800 in Chinese

1134 kHz

BRITISH ISLES

ENGLAND - BFBS Gurkha Radio, Gamecock Barracks, Bramcote, Nuneaton (0.001 kW) - 24h in Nepali/English (LPAM)

ENGLAND - BFBS Gurkha Radio, Royal Military Academy, Sandhurst, Berks (0.001 kW) - 24h in Nepali/English (LPAM)

ENGLAND - BFBS Gurkha Radio, Catterick Garrison, North Yorkshire (0.001 kW) - 24h in Nepali/English (LPAM)

ENGLAND - BFBS Gurkha Radio, Abingdon, Oxfordshire (0.001 kW) - 24h in Nepali/English

ENGLAND - L & D Hospital Radio, Luton & Dunstable Hospital, Luton, Bedfordshire (0.001 kW) - 24h in English (LPAM)

EUROPE

NETHERLANDS - 60-AM-Radio, Rotterdam (0.1 kW) - 24h in Dutch

NETHERLANDS - Eye AM Radio, Alkmaar (0.1 kW) - 24h in Dutch

NETHERLANDS - Groove Radio, Wierden (0.1 kW) - 24h in Dutch

NETHERLANDS - Japie de Portier, Buitenzorg (0.1 kW) - 24h in Dutch

NETHERLANDS - Golden Oldies Radio, Oijen (0.1 kW) - 24h in Dutch

NETHERLANDS - Freya AM, Bergen op Zoom (0.05 kW) - 24h in Dutch

NETHERLANDS - Like NL, Den Bosch (0.05 kW) - 24h in Dutch

SPAIN - COPE Salamanca, Salamanca, Castilla y León (10 kW) - 24h in Spanish

SPAIN - COPE Jerez, Jerez de la Frontera, Andalucía (5 kW) - 24h in Spanish

AFRICA

ANGOLA - Rádio Nacional de Angola, Canal A, Luanda-Mulenvos (10 kW) - 24h in Portuguese (reported on 1133.5 kHz)

THE ARAB WORLD

KUWAIT - Radio Kuwait - Main Arabic Programme, Kabd (100 kW) - 24h in Arabic; // 540 but may opt-out for sports

SOUTH ASIA

PAKISTAN - Radio Pakistan, Quetta, Baluchistan (100 kW) - 0200-1800 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

JAPAN - Bunka Hosa, Nippon Cultural Broadcasting (JOQR), Kawaguchi, Saitama (100 kW) - 24h in Japanese

KOREA SOUTH - KBS-3 (HLKC), Hwaseong, Gyeonggi Province (500 kW) - 2100-1800 in Korean

1143 kHz

EUROPE

RUSSIA - Radio Rossii - Bolshakovo, Kaliningrad (150 kW) - Russian; irregular tests on weekdays

SPAIN - COPE Jaén, Jaén, Andalucía (5 kW) - 24h in Spanish

SPAIN - COPE Orense, Ourense, Galicia (5 kW) - 24h in Spanish

SOUTH ASIA

INDIA - Akashvani, Ratnagiri, Maharashtra (20 kW) - 0025/1741 in Hindi, English etc

INDIA - Akashvani, Rohtak, Haryana (20 kW) - 0023/1740 in Hindi, English etc

NEPAL - Radio Nepal, Bardibas, Central (10 kW) - 2315-1715 in Nepali, others

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Henan R&TV, Chinese Opera Service, Zhengzhou, Henan (100 kW + LP) - 24h in Chinese

KOREA SOUTH - Radio Free Korea, Goyang, Gyeonggi (100 kW) - 0250-0100 in Korean

TAIWAN - Taiwan Area Fisheries Broadcasting Station, Penghu (100 kW) - 24h in Chinese and other languages

TAJIKISTAN - Voice of Tajik (External Service), Yanyiyul, Dushanbe (150 kW) - 0200-1800 in various regional langs

1152 kHz

BRITISH ISLES

ENGLAND - LBC London News, Saffron Green, London (23.5 kW) - 24h in English

ENGLAND - Greatest Hits Radio, Greenside, Newcastle-upon-Tyne (1.8 kW) - 24h in English

ENGLAND - Smooth Radio, Brundall, Norwich, Norfolk (0.83 kW) - 24h in English

ENGLAND - Smooth Radio, Plumer Barracks, Plymouth (0.32 kW) - 24h in English

SCOTLAND - Clyde 2, Dechmont Hill, Glasgow (3.6 kW) - 24h in English

EUROPE

ROMANIA - Radio România Actualități, Cluj, (400 kW kW) - 0200-2100 in Romanian

SPAIN - RNE Radio 5, Albacete, Casila-La Mancha (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Cartagena, Murcia (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Lleida, Cataluña (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Málaga, Andalucía (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Zamora, Castilla y León (10 kW) - 24h in Spanish

SOUTH ASIA

INDIA - Akashvani, Kavaratti, Lakshadeep (10 kW)

PAKISTAN - Radio Pakistan, Rawalpindi, Punjab (100 kW) - 0200-0400 & 1300-1800 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Hunan R&TV, Satellite Service, News Channel, Changde, Hunan (50 kW + LP) - 2130-1700 in Chinese

1161 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Blunsdon, Swindon, Wiltshire (0.16 kW) - 24h in English

SCOTLAND - Tay AM, Greenside Scalp, Dundee (1.4 kW) - 24h in English

THE ARAB WORLD

ALGERIA - Radio Tamanrasset, Tamanrasset, Tamanrasset Province (10 kW) - 24h in Arabic

EGYPT - NMA, Mid-Delta Radio, Tanta, Gharbia Governorate (100 kW) - 0400-2000 in Arabic

WEST ASIA

IRAN - IRIB World Service, Qasr-e Shirin, Kermanshah Province (600 kW) - 0130-0320, 1530-2030 in Arabic

SOUTH ASIA

INDIA - Akashvani, Thirupuram-A, Kerala (20 kW)

1170 kHz

BRITISH ISLES

ENGLAND - **Smooth Radio**, Foxhall Heath, Ipswich, Suffolk (0.28 kW) - 24h in English

ENGLAND - **Smooth Radio**, Farlington Marshes, Portsmouth, Hampshire (0.12 kW) - 24h in English

EUROPE

SLOVENIA - **Radio Capodistria**, Beli Kriz (15 kW) - 24h in Italian

AFRICA

ESWATINI - **TWR Africa**, Mpangela Ranch (100 kW) - 0300-0330mo-fr in Shona, 1800-2015 in English, 2015-2115mo-fr in Zulu, 2115-2200mo-fr in Shona

THE ARAB WORLD

UAE - **Voice of the Republic**, Dhabbaya, Abu Dhabi (800 kW) - 1340v-0500 in Arabic for listeners in Yemen

SOUTH ASIA

BANGLADESH - **Bangladesh Betar**, Kallyanpir, Dhaka (20 kW)

PAKISTAN - **Radio Pakistan**, Peshawar, Khyber-Pak'hwa (100 kW) - 0100-0400, 1300-1900 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - **CNR-1**, transmitters throughout China with highest power at Ji'an, Jiangxi (600 kW) 2025-1805 in Chinese

CHINA - **Chifeng R&TV, Mongolian Service**, Chifeng, Nei Menggu (50 kW + LP) - 2000-1730 in Mongolian

CHINA - **Hulun Buir R&TV, Chinese News Service**, Hailar, Nei Menggu (50 kW) - 2130-1600 in Chinese

CHINA - **Tongliao R&TV, Mongolian Prgr, Voice of Horqin**, Tongliao, Nei Menggu (50 kW) - 2110-1730 in Mongolian

KOREA SOUTH - **KBS Ethnic Korean Service, 2nd Programme (HLSR)**, Gimje, North Jeolla (500 kW) - 24h with relay of KBS World Radio, including External Service prgrs at 1000-1100 in Korean, 1100-1200 in Japanese, 1200-1300 in Russian, and 1300-1400 in Chinese

1179 kHz

EUROPE

NETHERLANDS - **JINX Radio**, Utrecht, Utrecht (0.1 kW) - 24h in Dutch

NETHERLANDS - **Radio 220**, Buitenpost, Friesland (0.1 kW) - 24h in Dutch

NETHERLANDS - **Radio Coevorden**, Coevorden, Drenthe (0.1 kW) - 24h in Dutch

ROMANIA - **Radio România Actualități**, Galbeni-Bacău (200 kW) - 24h in Romanian

ROMANIA - **Radio România Actualități**, Vașcău-Vascau (10 kW) - 24h in Romanian

SPAIN - **SER, Radio Valencia**, València, Valenciana (50 kW) - 24h in Spanish

SPAIN - **SER, Radio Rioja**, Logroño, La Rioja (10 kW) - 24h in Spanish

MACARONIESA

CANARY ISLANDS - **SER, Radio Club Tenerife**, Santa Cruz, Tenerife (25 kW) - 24h in Spanish

AFRICA

MOZAMBIQUE - **Rádio Moçambique, Emissão Provincial de Zambezí**, Quelimane, Zambezí Province (50 kW) - 0250-2200 (Sat/Sun 24h) in Portuguese

THE ARAB WORLD

EGYPT - **NMA, General Programme**, Quena (10 kW) - 0300-0000 in Arabic

WEST ASIA

IRAN - **IRIB, Radio Iran**, Chahbahar, Systan & Baluchestan (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - **Akashvani**, Rewa, Madhya Pradesh (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

JAPAN - **Mainichi Hosō, MBS (JOOR)**, Takaishi, Osaka (50 kW) - 24h in Japanese

1188 kHz

EUROPE

HUNGARY - **MR4-Nemzetiségi Adások**, Marcali, Somogy (300 kW) - 0600-1800 - 0600-0800 Croatian, 0800-1000 German, 1000-1003 The Southern Bell (Angelus), 1003-1100mo-fr Romany, 1003-1100sa/su Nationalities Music, 1100-1130mo Slovenian, 1100-1130tu Russian, 1100-1130we Greek, 1100-1130th Bulgarian, 1100-1130fr Ukrainian, 1100-1130sa Armenian, 1100-1100su National Magazine, 1130-1200mo-fr Nationalities Music, 1130-1200sa Polish, 1200-1400 Serbian, 1400-1600 Romanian, 1600-1800 Slovak

HUNGARY - **MR4-Nemzetiségi Adások**, Szolnok, Jász-Nagykun-Szolnok (20 kW) - 0600-1800 - same schedule as above

ITALY - **Radio Studio X**, Pistoia, PT, Tuscany (5 kW) - Italian

WEST ASIA

IRAN - IRIB, Radio Payam, Tehran (300 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Anning, Kunming, Yunnan (300 kW) - 1200-1600 in English, 1600-1700 in Hindi
KOREA SOUTH - Far East Broadcasting Company (HLKX) and relays, Inchon, Seoul area (100 kW) - 1100-1500 VOA in Korean, 1500-1900 FEBC in Korean, 1500-1900 Radio Free Asia in Korean, 1900-2000 FEBC in Chinese, 2000-1100 FEBC in Korean

1197 kHz

EUROPE

ROMANIA - Radio Târgu Mureş, Brasov-Bod (15 kW) - 0300-1900 in Romanian; except for prgrs for minorities at 0500-0800sa Marosvásárhelyi Radio in Hungarian, 0700-0830su Radio Neumarkt in German, 0830-1500su Marosvásárhelyi Radio in Hungarian, 0800-1500mo-fr Marosvásárhelyi Radio in Hungarian, 1100-1500sa Marosvásárhelyi Radio in Hungarian, 1800-1900mo-sa Radio Neumarkt in German

AFRICA

LESOTHO - Lesotho National Broadcasting Sce, Ultimate FM, Lancer's Gap, Maseru (50 kW) - 0600-2200 in English

WEST ASIA

IRAN - IRIB, Radio Ardabil, Moghan, Ardabil Province (50 kW) - 24h in Persian & Azeri

SOUTH ASIA

INDIA - Akashvani, Tirunelveli, Tamil Nadu (20 kW)

1206 kHz

AFRICA

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Inhambane, Inhambane, Inhambane Province (50 kW) - 0250-2200 (Sat/Sun 24h) in Portuguese

RODRIGUES - Rodrigues FM, Citronelle (10 kW) - 24h in English, French, South Asian languages

THE ARAB WORLD

SAUDI ARABIA - SBA, Jeddah FM, Layla, Al-Aflaj Province (20 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Jonubi, Nehbandan, South Khorasan Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Bhawanipatra, Odisha (200 kW) - 0025/1735 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Yanbian R&TV, Korean News and General Service, Longjing, Yanbian, Jilin (200 kW) - 2130-1600 in Korean

CHINA - Guangdong R&TV, Satellite Radio Guangdong, Shenzhen, Guangdong (50 kW) - 24h in Chinese

CHINA - Jiangsu R&TV, Financial Service, Nanjing, Jiangsu (50 kW) - 2100-1600 in Chinese

1215 kHz

EUROPE

ITALY - Radio Z100, Milan (1 kW) - Italian; moved to 1215 from 1206 kHz after Absolute Radio closed its transmitters; has been heard relaying Radio Caroline and likely the station that is relaying Manx Radio, as heard here too

SPAIN - COPE Córdoba, Córdoba, Andalucía (5 kW) - 24h in Spanish

SPAIN - COPE León, León, Castilla y León (5 kW) - 24h in Spanish

AFRICA

BOTSWANA - Radio Botswana, National Service, Mahalapye, Central District (50 kW) - 24h in Setswana/English

ETHIOPIA - Gimbi Educational Radio, Gimbi, Oromia Region (2.5 kW) - 0400-2000v in Ethiopian languages

THE ARAB WORLD

SAUDI ARABIA - SBA, Jeddah FM, Hafar al-Batin, Eastern Province (50 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Radio Riyadh, Medina, Madinah Province (20 kW) - 24h in Arabic

SOUTH ASIA

INDIA - Akashvani, Puducherry, Puducherry (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Dongning, Heilongjiang (100 kW) - 2025-1805 in Chinese

CHINA - CNR-2, Shenyang, Liaoning (200 kW + LP) - 2058-1600 in Chinese

CHINA - CNR-7, Voice of the Greater Bay, Zhuhai, Guangdong (50 kW) - 2100-1805 in Cantonese/Mandarin

CHINA - Heihe R&TV, Heihe, Heilongjiang (50 kW) - 2100-1400 in Chinese

1224 kHz

EUROPE

NETHERLANDS - Radio 1224, Lunteren (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Gasselte, Gasselte (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Turkiyem, Voorburg (0.1 kW) - 24h in Dutch

NETHERLANDS - Piratensound, Lemele (0.05 kW) - 24h in Dutch

NETHERLANDS - Radio Favoriet, Standdaarbuiten (0.05 kW) - 24h in Dutch

SPAIN - COPE Huelva, Huelva, Andalucía (10 kW) - 24h in Spanish

SPAIN - COPE Almeria, Almeria, Andalucia (5 kW) - 24h in Spanish

SPAIN - COPE Lugo, Lugo, Galicia (5 kW) - 24h in Spanish

SPAIN - COPE Lleida, Lleida, Cataluña (5 kW) - currently off-air

SPAIN - COPE Mallorca, Palma de Mallorca, Balearic Islands (5 kW) - currently off-air

AFRICA

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Cabo Delgado, Pemba, Cabo Delgado Province (50 kW) - 0250-2200 in Portuguese

NIGERIA - Radio Plateau 1, Jos, Plateau State (50 kW) - 0500-2300 in Nigerian languages

WEST ASIA

IRAN - IRIB World Service, Kish Island, Hormozgan Province (300 kW) - 24h in Arabic

IRAN - IRIB, Radio Iran, Kerman, Kerman Province (50 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-6, Voice of Shenzhou, Xiamen, Fujian (100 kW) - 2155-1605 in Amoy, Hakka and Mandarin

CHINA - Guangxi R&TV, Economic Broadcasting Station, Nanning (100 kW + LP) - 2230-1605 in Chinese

1233 kHz

BRITISH ISLES

ENGLAND - Radio Rock Revolution - irregular, ex-1494 (unlicensed)

EUROPE

ITALY - Milano XR, Magenta, MI, Lombardy (0.5 kW) - Italian

SOUTH ASIA

INDIA - Akashvani, Tura, Meghalaya (20 kW)

1242 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Hoo, Kent (0.32 kW) - 24h in English

THE ARAB WORLD

OMAN - Radio Sultanate of Oman, Barka, Al Batinah South Governorate (500 kW) - 24h in Arabic

SOUTH ASIA

INDIA - Akashvani, Varanasi, Uttar Pradesh (100 kW) - 0025/1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

JAPAN - NBS, Nippon Hoso (JOLF), Kisarazu (Yokyo area), Chiba (100 kW) - 24h in Japanese

VIETNAM - Voice of Vietnam External Service, Thoi Long, Can Tho (500 kW, probabably now only 500 kW) - 1300-1330 in Cambodian, 1330-1430 in Lao, 1430-1500 in Cambodian, and 1500-1600 Vietnamese

1251 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Great Barton, Bury St Edmunds, Suffolk (0.76 kW) - 24h in English

ENGLAND - BFBS Gurkha Radio, Imphal Barracks, York, North Yorkshire (0.001 kW) - 24h in Nepali (LPAM)

ENGLAND - RaW, Radio Warwick, University of Coventry, Coventry, West Midlands (0.001 kW) - 24h in English (LPAM)
ENGLAND - The Cat, UCC, Padgate Campus, Warrington, Cheshire (0.001 kW) - 24h in English (LPAM)

EUROPE

HUNGARY - Dankó Rádió, Nyíregyháza (25 kW) - 0225-1905 in Hungarian

HUNGARY - Dankó Rádió, Szombathely (5 kW) - 0225-1905 in Hungarian

NETHERLANDS - Album AM, Uden, Noord-Brabant (0.1 kW) - 24h in Dutch

PORTUGAL - Rádio Renascença, Chaves, Norte (1 kW) - 24h in Portuguese

PORTUGAL - Rádio Renascença, Castelo Branco, Centro (1 kW) - 24h in Portuguese

SOUTH ASIA

INDIA, Akashvani, Sangli, Maharashtra (20 kW)

PAKISTAN - Radio Pakistan, Loralai, Baluchistan (10 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Qinghai R&TV, Tibetan Service, Xining, Qinghai (200 kW) - 2250-1600 in Tibetan

CHINA - CNR-1, Shangzhi, Heilongjiang (100 kW) - 2025-1805 in Chinese

CHINA - Shandong R&TV, Country Channel, Jinan, Shandong (50 kW + LP) - 24h in Chinese

TAJIKISTAN - Teleradiokom, Yangiyul, Dushanbe, Karotegin Province (500 kW - still on air for BBC relays?)

1260 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Farndon, Cheshire (0.64 kW) - 24h in English

ENGLAND - Sabras Radio, Freemans Common, Leicester (0.29 kW) - 24h for the Asian community

EUROPE

CZECH REPUBLIC - Radio Dechovka, Líbeznice-Bořanovice (10 kW) - 24h in Czech

SPAIN - SER, Radio Murcia, Murcia, Murcia (25 kW) - 24h in Spanish

SPAIN - SER, Radio Algeciras, Algeciras, Andalucía (5 kW) - 24h in Spanish

AFRICA

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial do Niassa, Lichinga, Niassa Province (50 kW) - 0250-2200 in Portuguese

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Dammam, Eastern Province (500 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Isfahan, Khur, Isfahan Province (10 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Ambikapur, Chhattisgarh (20 kW) - 0025/740 in Hindi, English etc

PAKISTAN - Radio Pakistan, NCAC, Peshawar, NWFP (400 kW) - 2300-0200, 1200-1810 in Urdu, English etc

1269 kHz

EUROPE

SPAIN - COPE Badajoz, Badajoz, Extremadura (5 kW) - 24h in Spanish

SPAIN - COPE Zamora, Zamora, Castilla y León (5 kW) - 24h in Spanish

AFRICA

NIGERIA - Radio Taraba, Jalingo, Taraba State (10 kW) - 0500-2300 in Nigerian languages

THE ARAB WORLD

KUWAIT - Radio of the State of Kuwait, Modern Arab Music Programme, Sulaibiyah (100 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Ardabil, Khalkhal, Ardabil Province (50 kW) - 24h in Persian & Azeri

SOUTH ASIA

INDIA - Akashvani, Agartala, Tripura (20 kW) - 0025-1630 in Hindi, English etc

INDIA - Akashvani, Madurai, Tamil Nadu (20 kW) - 0015-1733 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Xuanwei, Qujing City, Yunnan (600 kW) - 1100-1300 in English, 1300-1400 in Hindi, 1400-1500 in Bengali, 1500-1600 in Nepali, 1600-1800 in Hindi

1278 kHz

BRITISH ISLES

ENGLAND - **BFBS Gurkha Radio**, Tidworth Camp, Tidworth, Wiltshire (0.001 kW) - 24h in Nepali/English (LPAM)
ENGLAND - **BFBS Gurkha Radio**, Shorncliffe Barracks, Folkestone, Kent (0.001 kW) - 24h in Nepali/English (LPAM)
ENGLAND - **BFBS Gurkha Radio**, Beacon Barracks, Stafford, Staffordshire (0.001 kW) - 24h in Nepali/English (LPAM)

THE ARAB WORLD

EGYPT - **NMA, General Programme**, Aswan, Aswan Governorate (10 kW) - 0300-0000 in Arabic
OMAN - **Radio Sultanate of Oman**, Bahla, Ad Dakhiliyah Governorate (100 kW) - 24h in Arabic

WEST ASIA

IRAN - **IRIB, Radio Kermanshah**, Kermanshah, Kermanshah Province (300 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - **Hebei R&TV, News Service**, Shijiazhuang, Hebei (100 kW + LP) - 2030-1800 in Chinese
JAPAN - **RKB, Mainichi Hoso (JOFR)**, Fukuoka, Fukuoka (50 kW) - 24h in Japanese; RKB key station

1287 kHz

BRITISH ISLES

ENGLAND - **Acacia Radio**, Acacia Community Centre, Sutton-in-Ashfield, Notts (0.001 kW) - 24h in English (LPAM)
ENGLAND - **BFBS Gurkha Radio**, St Omer Barracks, Aldershot, Hampshire (0.001 kW) - 24h in Nepali/English (LPAM)
ENGLAND - **BFBS Gurkha Radio**, Blandford Camp, Dorset (0.001 kW) - 24h in Nepali/English (LPAM)
ENGLAND - **BFBS Gurkha Radio**, Imjin Barracks, Innsworth, Gloucester (0.001 kW) - 24h in Nepali/English (LPAM)
ENGLAND - **BFBS Gurkha Radio**, Buckley Barracks, Hullavington, Wiltshire (0.001 kW) - 24h in Nepali/English (LPAM)
ENGLAND - **BFBS Gurkha Radio**, Invicta Park Barracks, Maidstone, Kent (0.001 kW) - 24h in Nepali/English (LPAM)
ENGLAND - **BFBS Gurkha Radio**, Warminster Barracks, Wiltshire (0.001 kW) - 24h in Nepali/English (LPAM)
WALES - **BFBS Gurkha Radio**, Infantry Training Centre, Brecon, Powys (0.001 kW) - 24h in Nepali/English (LPAM)

EUROPE

NETHERLANDS - **HOTRADIO Hits**, Bornerbroek, Overijssse (0.1 kW) - 24h in Dutch
NETHERLANDS - **Kilrock**, 's-Gravendeel, Zuid-Holland (0.1 kW) - 24h in Dutch
NETHERLANDS - **Radio 7000**, Beilen, Drenthe (0.1 kW) - 24h in Dutch
NETHERLANDS - **Radio0511/Radio Seagull**, Ternaard, Friesland (0.1 kW) - 0600-1800 Radio 0511 in Dutch,
1800-0600 Radio Seagull in English
NETHERLANDS - **Radio Daiwa AM**, Nunspeet, Gelderland (0.05 kW) - 24h in Dutch
NETHERLANDS - **Unique**, Malden, Gelderland (0.1 kW) - 24h in Dutch
PORTUGAL - **Antena 1**, Portalegre, Alentejo Region (2 kW) - 24h in Portuguese
SPAIN - **SER, Radio Castilla**, Burgos, Castilla y León (5 kW) - 24h in Spanish
SPAIN - **SER, Radio Lleida**, Lleida, Cataluña (5 kW) - 24h in Spanish
SPAIN - **SER, Radio Lugo**, Lugo, Galicia (2 kW) - 24h in Spanish

SOUTH ASIA

BANGLADESH - **Bangladesh Betar**, Barisal (10 kW)
INDIA - **Akashvani**, Panaji, Goa (100 kW) 0025/1750 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

JAPAN - **HBC, Hokkaido Hoso (JOHR)**, Sapporo, Hokkaido (50 kW) - 24h in Japanese; HBC key station

1296 kHz

BRITISH ISLES

ENGLAND - **Radio XL**, Langley Mill, near Birmingham (10 kW) - 24h for the Asian community in the West Midlands

EUROPE

ITALY - **Viva la Radio! Emozioni Italiane**, Lazise, VR, Veneto - Italian
SPAIN - **COPE Valencia**, Valencia, Valenciana (50 kW) - 24h in Spanish

WEST ASIA

IRAN - **IRIB, Radio Zahedan**, Zabol, Sistan & Baluchestan Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - **Akashvani**, Darbhanga, Bihar (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - **China Radio International**, Anning, Kunming, Yunnan (300 kW) - 1100-1700 in Vietnamese
TAJIKISTAN - **RFE/RL Radio Azadi**, Dushanbe (150 kW) - 1330-0130 in Pashto & Dari

1305 kHz

BRITISH ISLES

ENGLAND - Premier Christian Radio, North Looe, South London (0.5 kW) - 24h in English

ENGLAND - Premier Christian Radio, Chingford, North London (0.5 kW) - 24h in English

ENGLAND - Greatest Hits Radio, Ardsley, near Barnsley, South Yorkshire (0.15 kW) - 24h in English

EUROPE

GREECE - ERA-1, Tripoli, Peloponnese (1 kW) - 24h in Greek

ITALY - Radio Zai.net, Coltano, PI, Tuscany (0.1 kW) - Italian

SPAIN - RNE Radio 5, Ourense, Galicia (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Ciudad Real, Castile La-Mancha (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Bilbao, País Vasco (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, León, Castilla y León (10 kW) - 24h in Spanish

THE ARAB WORLD

EGYPT - NMA, General Programme, Asyut, Aswan Governorate (10 kW) - 0300-0000 in Arabic

WEST ASIA

IRAN - IRIB, Radio Bushehr, Bushehr, Bushehr Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Parbhani, Maharashtra (10 kW) - 0020-1741 in Hindi, English etc

1314 kHz

EUROPE

NORWAY - Radio Northern Star/Bergen Kringkaster, Ergan (0.5 kW) - Radio Northern Star 0330-0800 & 1500-2200; Bergen Kringkaster 0800-1500

ROMANIA - Antena Satelor, Constanta, Sud-Est Region (50 kW) - 24h in Romanian

ROMANIA - Antena Satelor, Timișoara, Vest Region (25 kW) - 24h in Romanian, except for prgrs for minorities: 0500-0700mo-sa Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian, 1100-1200mo-sa Radio Bukarest in German, 1300-1500mo-sa Kolozsvari Radio in Hungarian

ROMANIA - Radio Oltenia Craiova, Craiova, Sud-Vest Region (15 kW) - 0300-2100 in Romanian

SPAIN - RNE Radio 5, Cuenca, Castile La Mancha (20 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Tarragona, Cataluña (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Salamanca, Castilla y León (10 kW) - 24h in Spanish

THE ARAB WORLD

EGYPT - NMA, General Programme, Nag Hamadi, Qena Governorate (1 kW) - 0300-0000 in Arabic

WEST ASIA

IRAN - IRIB, Radio Iran, Ardabil, Ardabil Province (50 kW) - 24h in Persian

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Cox's Bazar (10 kW)

INDIA - Akashvani, Bhuj, Gujarat (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Chongqing R&TV, Chongqing National Central City (50 kW + LP) - 24h in Chinese

JAPAN - OBC, Radio Osaka (JOUF), Osaka, Osaka (50 kW) - 24h in Japanese; OBC key station

1323 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Southwick, near Brighton, West Sussex (0.5 kW) - 24h in English

ENGLISH - Akash Radio, Leeds, West Yorkshire (0.001 kW) - 24h for Punjabi community (CR)

EUROPE

ITALY - AM Italia, Villa Estense, PD, Veneto (5/1 kW) - Italian; also relays IRRS-Nexus at 1700-2115 in English

ROMANIA - Radio Târgu Mureş, Târgu Mureş, Centru Region (15 kW) - 0300-1900 in Romanian; except for prgrs for minorities at 0500-0800sa Marosvásárhelyi Radio in Hungarian, 0700-0830su Radio Neumarkt in German, 0830-1500su Marosvásárhelyi Radio in Hungarian, 0800-1500mo-fr Marosvásárhelyi Radio in Hungarian, 1100-1500sa Marosvásárhelyi Radio in Hungarian, 1800-1900mo-sa Radio Neumarkt in German

WEST ASIA

IRAN - IRIB, Radio Tabriz, Jolfa, East Azerbaijan (50 kW) - 24h in Persian & Azeri; includes a relay of IRIB World Service in Azeri at 0320-0520 & 1420-1650

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Huadian, Jilin (600 kW) - 1100-1600 and 2100-2300 in Korean

CHINA - China Radio International, Hutubi, Xinjiang (600 kW) - 1100-1200 in Russian, 1200-1300 in Mongolian, 1300-1500 in Russian, 1500-1800 in English

CHINA - China Radio International, Shuanghyashan, Heilonjiang (200 kW) - 1100-1600 in Russian

1332 kHz

BRITISH ISLES

ENGLAND - Gold, Gunthorpe, near Peterborough, Cambridgeshire (0.6 kW) - 24h in English

ENGLAND - Radio Warrington, Warrington, Cheshire (0.001 kW) - 24h in English (CR)

EUROPE

NETHERLANDS - De Parel van Twente, Goor (0.1 kW) - 24h in Dutch

NETHERLANDS - Extra AM, Amsterdam (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Beilen AM, Beilen (0.1 kW) - 24h in Dutch

ROMANIA - Radio România Actualități, Galati, Sud-Est Region (50 kW) - 24h in Romanian

WEST ASIA

IRAN - IRIB, Radio Tehran, Tehran-Goldasteh (300 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Tezu, Arunachal Pradesh (10 kW)

PAKISTAN - Radio Pakistan, Lahore-II, Punjab (100 kW) - 0200-0400 and 1300-1800 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Henan R&TV, Education Service, Zhengzhou, Henan (100 kW) - 24h in Chinese

JAPAN - Tokai Hoso (JOSF), Nagoya, Aichi (50 kW) - 24h in Japanese; Tokai Hoso key station

1341 kHz

EUROPE

SPAIN - Onda Cero Radio, Ciudad Real, Castile-La Mancha (10 kW) - 24h in Spanish

SPAIN - Onda Cero Radio, Almería, Andalucía (5 kW) - 24h in Spanish

SPAIN - SER, Radio León, León, Castilla y León (10 kW) - 24h in Spanish

THE ARAB WORLD

EGYPT - NMA, Songs Programme / Cultural Programme, Abu Za'bal, Cairo (100 kW) - 0500-0100 in Arabic:
0500-1700 Songs Prgr, 1700-0100 Cultural Programme

EGYPT - NMA, Holy Quran Programme / Youth and Sports Programme / Educational Programme, Bawiti, Giza Governorate (10 kW) - 0200-2200 in Arabic: 0200-0500 Holy Quran Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Quran Prgr

EGYPT - NMA, General Programme, Siwa, Matruh Governorate (10 kW) - 24h in Arabic

EGYPT - NMA, General Programme, Idfu, Aswan Governorate (10 kW) - 24h in Arabic

KUWAIT - Radio of the State of Kuwait, Second Arabic Prgr / Holy Quran Programme, Magwa (100 kW) - 0700-2100 Second Prgr, 2100-0700 Holy Quran Prgr

WEST ASIA

IRAN - IRIB, Radio Kerman, Bam, Kerman Province (10 kW) - 24h in Persian

SOUTH ASIA

PAKISTAN - Radio Pakistan, Bahawalpur, Punjab (10 kW) - 0850-1810 in Urdu, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Guangzhou, Guangdong (300 kW) - 1130-1200 in Filipino, 1200-1430 in English, 1430-1500 in Filipino

CHINA - Shenyang R&TV, City Radio, Shenyang, Liaoning (50 kW) - 24h in Chinese

1350 kHz

BRITISH ISLES

ENGLAND - Mid-Downs Radio, Princess Royal Hosp., Haywards Heath, West Sussex (0.001 kW) - 24h in English (LPAM)

ENGLAND - Radio Cavell, Royal Oldham Hospital, Oldham, Lancashire (0.001 kW) - 24h in English (LPAM)

ENGLAND - URY, University of York, York (0.001 kW) - 24h in English (LPAM)

EUROPE

HUNGARY - MR4-Nemzetiségi Adások, Györ, Western Transdanubia (5 kW) - 0600-1800: 0600-0800 Croatian, 0800-1000 German, 1000-1003 The Southern Bell (Angelus), 1003-1100mo-fr Romania, 1003-1100sa/su Nationalities Music, 1100-1130mo Slovenian, 1100-1130tu Russian, 1100-1130we Bulgarian, 1100-1130th Greek, 1100-1130fr Ukrainian, 1100-1130sa Armenian, 1100-1200su National Magazine, 1130-1200mo-fr Nationalities Music, 1130-1200sa Polish, 1200-1400 Serbian. 1400-1600 Romanian, 1600-1800 Slovak

AFRICA

BOTSWANA - Radio Botswana, National Service, Tshabong, Kgalagadi District (50 kW) - 24h in Setswana/English

THE ARAB WORLD

EGYPT - NMA, General Programme, Qusayr, Red Sea Governorate (10 kW) - 0200-0000 in Arabic

WEST ASIA

ARMENIA - AR Radio Intercontinental, Gavar, Gegharkunik Province (1000 kW) - TWR relay: 1800-2030 in Arabic

SOUTH ASIA

INDIA - Akashvani, Kupwara, Jammu & Kashmir (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Jiangxi R&TV, Ji'an, Jiangxi (50 kW + LP)r - 2200-1600 in Chinese

CHINA - Kunming R&TV, Kunming, Yunnan (50 kW) - 24h in Chinese

PHILIPPINES - DWUN, UNTV Radio La Verdad, Malabon, NCR/Metro Manila (50 kW) - 24h in Tagalog

1359 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Chelmsford, Essex (0.28 kW) - 24h in English

EUROPE

ITALY - Regional Radio, Viterbo, VT, Lazio (0.25 kW) - Italian

AFRICA

ETHIOPIA - Voice of the Tigray Revolution, Mekelle, Tigray Province (100 kW) - 0250v-1957 in Tigrinya and other Ethiopian languages; currently thought to be broadcasting in support of the Tigray People's Liberation Front

1368 kHz

BRITISH ISLES

ISLE OF MAN - Manx Radio, Foxdale (20 kW) - 24h in English

AFRICA

SEYCHELLES - SBC Radyo Sesel, Victoria (10 kW) - 24h in Seychellois Creole, French and English

THE ARAB WORLD

EGYPT - NMA, General Programme, El Kharga (10 kW) - 0300-0000 in Arabic

WEST ASIA

IRAN - IRIB, Radio Golestan, Gonbad-e Kavus, Golestan Province (150 kW) - 24h in Persian

1377 kHz

BRITISH ISLES

ENGLAND - Asian Sound Radio, Ashton Moss, Greater Manchester (0.08 kW) - 24h for the Asian community

AFRICA

TANZANIA - Radio Free Africa, Mwanza, Mwanza Region (50 kW) - 24h in Swahili

WEST ASIA

ARMENIA - AR Radio Intercontinental (TWR relays), Gavar, Gegharkunik Province (1000 kW) - TWR relays: 1700-1715sa-we Persian, 1700-1715th in Gilaki, 1700-1715fr in Qashqa'i, 1715-1830 in Persian, 1832-1947 in Ukrainian

IRAN - IRIB, Radio Zahedan, Chahbahar, Systan & Baluchestan (50 kW) - 24h in Persian

IRAN - IRIB, Radio Kermanshah, Paveh, Kermanshah Province (10 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Xingyang, Henan (600 kW) - 2025-1805 in Chinese

CHINA - Xizang R&TV, Chinese Service, Lhasa, Xizang (100 kW) - 2000-1800 in Chinese

1386 kHz

BRITISH ISLES

ENGLAND - Anker Radio, George Eliot Hospital, Nuneaton, Warwickshire (0.001 kW) - 24h in English (LPAM)
ENGLAND - Carillon Radio, Loughborough Hospital, Loughborough, Leicestershire (0.001 kW) - 24h in English (LPAM)
ENGLAND - Radio Clatterbridge, Clatterbridge Hospital, Clatterbridge, Wirral (0.001 kW) - 24h in English (LPAM)
WALES - Radio City, Singleton Hospital, Swansea (0.001 kW) - 24h in English (LPAM)

EUROPE

LITHUANIA - Radio Baltic Waves International, Viešintos (75 kW) - 0330-0350 NHK World Japan in Russian; 0400-0500 Radio Poland in Belarusian; 0500-0530 Radio Poland in Ukrainian; 1200-1300 Radio Poland in English; 1500-1510mo-fr NHK World Japan in Russian; 1500-1520sa/su NHK World Japan in English; 1510-1525mo-fr NHK World Japan in English; 1525-1530mo-fr NHK World Japan in Russian; 1530-1600 Radio Poland in Polish; 1600-1630 Radio Poland in Russian; 1630-1700 Radio Poland in German; 1730-1750 NHK World Japan in Russian; 1800-1830 Deutsche Welle in Russian; 1830-2100 RFE/RL Radio Liberty in Russian; 2100-0330 Radio Ukraine International in Ukrainian

AFRICA

KENYA - KBC, English & North-Eastern Sces, Maralal, Samburu County (50 kW) - 0200-2110 in English/local langs

THE ARAB WORLD

EGYPT - NMA, South Upper Egypt Radio, Luxor, Luxor Governorate (10 kW) - 0200-2200 in Arabic

SOUTH ASIA

INDIA - Akashvani, Gwalior, Madhya Pradesh (10 kW) - 0020/1741 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Tianjin R&TV, Life Service, Tianjin, Tianjin Municipality (50 kW) - 2055-1800 in Chinese

1395 kHz

EUROPE

ITALY - Regional Radio, Rome, RM, Lazio (1 kW) - Italian
NETHERLANDS - brrHRImx, Voorburg, Zuid-Holland (0.1 kW) - 24h in Dutch
NETHERLANDS - Columbia AM, Aalst, Gelderland (0.1 kW) - 24h in Dutch
NETHERLANDS - Happy AM, Nieuw- en Sint Joosland, Zeeland (0.1 kW) - 24h in Dutch
NETHERLANDS - Sterrekijker AM, Elim, Drenthe (0.1 kW) - 24h in Dutch
NETHERLANDS - Seabreeze AM, Grou, Friesland (0.1 kW) - 24h in Dutch

WEST ASIA

ARMENIA - Radio CJSC, Gavar, Gegharkunik Province (500 kW) - broadcasting the external service of Public Radio of Armenia (PRA) and various other relays: 1600-1630 PRA in Kurdish, 1630-1645 PRA in Yezidi, 1645-1700 PRA in Persian, 1700-1715 PRA in Turkish, 1715-1730 Voice of Free Talyshistan in Talysh, 1730-1745 PRA in Azeri
IRAN - IRIB World Service, Gorgan, Golestan Province (50 kW) - 1420-1820 in Turkmen
IRAN - IRIB, Radio Khalij e-Fars, Hajiabad, Hormozgan Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Bikaner, Rajasthan (20 kW) - 0025-1740 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Anhui R&TV, Storytelling Sce, Hefei, Anhui (50 kW + LP) - 2200-1805 in Chinese

1404 kHz

EUROPE

GREECE - ERA-1, Komotini, East Macedonia and Thrace (50 kW) - off-air at present
ITALY - Canzoni e Sorrisi, Casalgrande, RE, Emilia-Romagna (0.2 kW) - 0700-1800 in Italian
ROMANIA - Radio Cluj, Sighetu Marmației (15 kW) - 0300-1900 in Romanian; except for prgrs for minorities at 0330-0500mo-sa Radio Sighet in Hungarian, 0500-0700mo-sa Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1200mo-sa Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian, 1300-1500mo-sa Kolozsvari Radio in Hungarian, 1500-1700mo-sa Radio Sighet in Hungarian (exc 1600-1655fr Radio Sighet in Ukrainian)
ROMANIA - Radio România Actualități, Sibiu (1 kW) - 24h in Romanian
UKRAINE - Ukrainian Radio, Izmail, Odessa Oblast (10 kW) - Currently off-air

AFRICA

MALAWI - MBC Radio 1, Chitipa, Northern Region (10 kW) - 24h in Chichewa/English (reported slightly off-frequency)
NIGERIA - Radio Gombe, Gombe, Gombe State (10 kW) - 0430-0005 in Nigerian languages/English

WEST ASIA

IRAN - IRIB, Radio Iran, Dasht, Fars Province (10 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Gangtok, Sikkim (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Fujian R&TV, Economic Broadcasting Station, Fuzhou, Fujian (50 kW) - 24h in Chinese and Amoy

CHINA - Hubei R&TV, News & General Sce, V of Hubei, Jingzhou/Qichun, Hubei (50 kW + LP) - 2000-1730 in Chinese

1413 kHz

BRITISH ISLES

ENGLAND - BBC Radio Gloucestershire, Berkley Heath, Glos. (0.5 kW) - 24h in English; incl. BBC R5L overnight

ENGLAND - Premier Christian Radio, Dartford Marshes, East London (0.5 kW) - 24h in English

ENGLAND - Premier Christian Radio, Heathrow, West London (0.5 kW) - 24h in English

ENGLAND - Bradford Asian Radio, Bradford, West Yorkshire - 24h in English/South Asian languages (CR)

EUROPE

MOLDOVA (PMR) - Vesti FM, Maiac, Grigoriopol (500 kW) - 24h in Russian

SPAIN - RNE Radio 5, Jaén, Andalucía (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Vigo, Galicia (5 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Girona, Cataluña (5 kW) - 24h in Spanish

THE ARAB WORLD

OMAN - BBC World Service, A'Seela (800 kW) - 0030-0100 in Dari, 0100-0500 in English, 1300-1800 in English, 1800-1900 in Pashto, 1900-2100 in English

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Comilla (10 kW)

INDIA - Akashvani, Kota, Rajasthan (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

JAPAN - KBC, Kyushu Asahi Hosu (JOIF), Fukuoka, Fukuoka (50 kW) - 24h in Japanese; KBC key station

1422 kHz

EUROPE

ROMANIA - Radio România Actualități, Olanesti (10 kW) - 24h in Romanian

AFRICA

MALAWI - MBC Radio 1, Matiya, Southern Region (10 kW) - 0200-2200 in Chichewa/English

SOUTH AFRICA - Hellenic Radio, Bedfordview, Gauteng (1 kW) - 24h in Greek/English

THE ARAB WORLD

ALGERIA - Radio Algérienne, Alger (40 kW) - 24h in Arabic (various services): 1200-1600 Chaîne 1, 1600-2300 Radio Culture, 2300-1200 Radio Coran in Arabic

EGYPT - NMA, Radio Matruh, Salum, Matruh Governorate (10 kW) - 0200-2200 in Arabic

SAUDI ARABIA - SBA, Radio Neda al-Islam, Riyadh (20 kW) - 24h in Arabic

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International / CNR-8 Voice of Minorities, Kashgar, Xinjiang (600 kW) - 0600-0700 CNR-13 in Uighur, 0700-0800 CNR-1 in Chinese, 0800-0900 CNR-13 in Uighur, 0900-1100 CNR-1 in Chinese, 1300-1400 China Radio Int. in Hindi, 1400-1600 China Radio Int. in Urdu, 1600-1700 China Radio Int. in Hindi

JAPAN - Radio Nippon Hosu (JORF), Yokohama, Kanagawa (50 kW) - 24h in Japanese; key station

TAIWAN - Radio Taiwan Int, Minhsiuang (50 kW) - 2200-0000 in Chinese, 0000-0100 in Thai, 0100-0200mo-fr in Amoy, 0200-0300 in Chinese, 0300-0400 in Indonesian, 0400-0500 in Chinese, 0500-0600 in Vietnamese, 0600-0700 in Chinese, 0700-0800 in Amoy, 0800-1100 in Chinese, 1100-1200 in Vietnamese, 1200-1300 in Indonesian, 1300-1400 in Chinese, 1400-1500 in Thai, 1500-1600 in Chinese

1431 kHz

BRITISH ISLES

ENGLAND - Smooth Radio, Rayleigh, near Southend-on-Sea, Essex (0.35 kW) - 24h in English

ENGLAND - Carillon Radio, Coalville Hospital, Coalville, Leicestershire (0.001 kW) - 24h in English (LPAM)

ENGLAND - CHR 1431, St Richard's Hospital, Chichester, West Sussex (0.001 kW) - 24h in English (LPAM)

ENGLAND - Radio Redhill, East Surrey Hospital, Redhill, Surrey (0.001 kW) - 24h in English (LPAM)

AFRICA

DJIBOUTI - Voice of America, Dorale (600 kW) - 1530-0330 consisting of: 1530-1600 VOA Learning English, 1600-1700 English (VOA News, followed by Nightline Africa), 1700-1800 Somali (News and features), 1800-1830 English (VOA News, followed by Nightline Africa), 1830-2030 French (News and features), 2030-2100mo-fr English (South Sudan in Focus), 2030-2100sa/su French (VOA Learning English), 2100-2130mo-fr French (News, followed by VOA Learning English), 2100-2130sa/su English (VOA News, followed by VOA 1 The Hits, 2130-0330 English (VOA 1 The Hits with VOA News on the hour)

SOUTH ASIA

BANGLADESH - Bangladesh Betar, Bandorban (10 kW)

1440 kHz

BRITISH ISLES

IRELAND - Energy Power AM, Dublin - irregular (unlicensed)

EUROPE

ITALY - Regional Radio, Otricoli, TR, Umbria (1 kW) - Italian

ITALY - Regional Radio, Rieti, RI, Lazio (1 kW) - Italian

AFRICA

NIGERIA - Adamawa Broadcasting Corporation, Yola, Adamawa State (10 kW) - 0430-2300 in Nigerian langs/English

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Ras Al-Khair, Eastern Province (1600 kW) - 24h in Arabic

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Guangxi R&TV, Bose, Guangxi Zhuang (50 kW + LP) - 24h in Chinese

JAPAN - STV, Sapporo TV Hoso (JOWF), Sapporo, Hokkaido (50 kW + LP) - 24h in Japanese

1449 kHz

BRITISH ISLES

ENGLAND - BBC Asian Network, Gunthorpe, Peterborough, Cambridgeshire (0.15 kW) - 24h with prgrs for the Asian Community; BBC R5L overnight

ENGLAND - Leicester Community Radio, Leicester (0.05 kW) - 24h in English (CR)

SCOTLAND - BBC Radio 4, Redmoss, Aberdeen (2 kW) - 24h in English; BBC WS

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Yanbu al-Bahr, Madinah Province (200 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB World Sce, Bandar-e-Torkamen, Golestan Province (400 kW) - 1320-1420 in Russian, 1420-1820 in Turkmen

SOUTH ASIA

MALDIVES - Voice of Maldives, Male (10 kW) - 24h in Dhivehi, with English 1300-1315; relay R Eke 103.8 FM overnight

PAKISTAN - Radio Pakistan, Zhob, Baluchistan (10 kW)

1458 kHz

BRITISH ISLES

ENGLAND - BBC Asian Network, Langley Mill, Staffordshire, near Birmingham (5 kW) - 24h with prgrs for the Asian Community; BBC R5L overnight

ENGLAND - Lyca Radio 1458, Brookmans Park, Herts, near London (125 kW) - 24h for Asian community in London

ENGLAND - Gold, Ashton Moss, Greater Manchester (5 kW) - 24h in English

EUROPE

GIBRALTAR - Radio Gibraltar Plus, Maida Vale (4 kW) - 24h in England, except 1200-1400 in Spanish

ROMANIA - Radio Romania Actualități, Constanta, Sud-East Region (50 kW) - reactivated April 2023

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Jonubi, Ghayen, South Khorasan Province (50 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Barmer, Rajasthan (20 kW)

INDIA - Akashvani, Bhagalpur, Bihar (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Nei Menggu R&TV, Mongolian News Service, Hohhot, Nei Menggu (200 kW + LP) - 2150-1605 in Mongolian

1467 kHz

EUROPE

FRANCE - Trans World Radio, Roumoules, Provence-Alpes-Côte d'Azur (1000 kW) - 1945-2015mo-fr in Polish, 2015-2045mo-sa in Kabyl, 2045-2200 in Arabic

NETHERLANDS - Eldorado, Damwald, Friesland (0.1 kW) - 24h in Dutch

NETHERLANDS - Hit AM, Zwartemeer, Drenthe (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Paradijs, Utrecht, Utrecht (0.1 kW) - 24h in Dutch

NETHERLANDS - Zuidwest Brabant AM, Heerle, Noord-Brabant (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio de Vliegende Hollander, Meppel, Drenthe (0.05 kW) - 24h in Dutch

THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Hafr al-Batin, Eastern Province (50 kW) - 24h in Arabic

WEST ASIA

IRAN - IRIB, Radio Qom, Alborz, Qom Province (100 kW) - 24h in Persian (

SOUTH ASIA

INDIA - Akashvani, Jeypore, Odisha (50 kW) - 0025 ... 1741 in Hindi, English etc

REST OF ASIA (transmitters of 50 kW and over)

KOREA SOUTH - KBS-1 (HLKN), Yeongam, Mokpo area, South Jeolla Province (50 kW) - 24h in Korean

KYRGYZSTAN - TWR PANI, Krasnaya Rechka, Bishkek (500 kW) - 1315-1330 TWR Interval Signal, 1330-1345fr in Pahari Kangri, 1330-1345sa in Punjabi, 1330-1400su/mo in Urdu, 1330-1400tu/we in Punjabi, 1330-1400th in Hindi, 1345-1355sa in Kumauni, 1345-1400fr in Bagri, 1355-1400sa in Punjabi, 1400-1430mo-sa in Urdu, 1400-1430su in Kashmiri, 1430-1445sa-mo/we in Urdu, 1430-1445tu in Punjabi, 1430-1445th/fr in Saraiki, 1445-1500 in Urdu, 1500-1530 Radio Sedaye Zindagi in Dari, 1530-1545su/mo in Pashto, 1530-1545tu/we in Dari, 1530-1545th-sa in Urdu, 1545-1630 Pamir Ministries in Pashto, 1630-1645 in Tajik (schedule subject to confirmation, needs to be rechecked)

THAILAND - Radio Thailand, National Education Radio, Pathum Thani (100 kW) - 2200-1700 in Thai

1476 kHz

BRITISH ISLES

ENGLAND - Carillon Wellbeing Radio, Coalville, Leicestershire (0.25 kW) - 24h in English; relays Radio Seagull between 1900-0300 (CR)

EUROPE

AUSTRIA - Museumsradio AM, Bad Ischi, Upper Austria (0.4 kW) - 0900-2100 in German

AFRICA

BENIN - TWR Africa, Parakou (100 kW) - 0320-0428mo-fr in Hausa, 0430-0550mo-fr in Igbo, 0430-0445su in Igbo, 0447-0517su in English, 1725-1821su-fr in English, 1725-1749sa in English, 1751-1821 sa in Igbo, 1822-1855 in Yoruba, 1856-1912 in Kanuri, 1914-1929mo-fr in Fulfulde, 1914-1944sa/su in Fulfulde

THE ARAB WORLD

EGYPT - NMA, North Upper Egypt Radio, El Minya, Minya Governorate (10 kW) - 0200-2200 in Arabic

UNITED ARAB EMIRATES - Radio Keralam, Ras al Khaimah (100 kW) - 24h in Malayalam

WEST ASIA

IRAN - IRIB, Radio Kordestan, Marivan, Kordestan Province (20 kW) - 24h in Persian & Kurdish

SOUTH ASIA

PAKISTAN - Radio Pakistan, Faisalabad, Punjab (10 kW)

REST OF ASIA (transmitters of 50 kW and over)

THAILAND - Radio Thailand, Chiang Mai Province Network 2, Lamphun (50 kW) - 2200-1600 in Minority langs & Thai

1485 kHz

BRITISH ISLES

ENGLAND - BBC Radio 4, Carlisle, Cumbria (0.79 kW) - 24h in English; BBC WS overnight

EUROPE

GERMANY - Funklust, Erlangen, Bavaria (0.006 kW) - 0300-2200 UTC with programmes produced by Funklust, a student radio station, and then between 2200-0300 has test tones (one second on and off)

ITALY - Radio Studio X, Castellaccio, LI, Tuscany (1 kW) - Italian

ITALY - Radio Feltre Stereo, Belluno, BL, Veneto (0.005 kW) - Italian

ITALY - Radio Luce, Ascoli Piceno, AP, Marche (0.2 kW) - Italian

ITALY - Regional Radio, Terni, TR, Umbria (0.2 kW) - Italian

LATVIA - Radio Merkurs, Riga (1 kW) - 24h in Latvian; also other languages on occasions

NETHERLANDS - AMsterdam 1485, Amsterdam, Noord-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - Atlantica AM, Dordrecht, Zuid-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - B-AM, Bladel, Noord-Brabant (0.001 kW) - 24h in Dutch

NETHERLANDS - brrHRIInx, Voorburg, Zuid-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - Downtown Radio AM, Apeldoorn, Gelderland (0.001 kW) - 24h in Dutch

NETHERLANDS - Dreamradio AM, Baexem, Kimburg (0.001 kW) - 24h in Dutch

NETHERLANDS - Ellen AM, Heerhugowaard, Noord-Holland (0.001 kW) - 24h in Dutch (Sat)

NETHERLANDS - Flashback 1485 AM, Baarn, Utrecht (0.001 kW) - 24h in Dutch

NETHERLANDS - Hollands Palet, Zoetermeer, Zuid-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - Midden Groningen AM, Hoogezaand, Groningen (0.001 kW) - 24h in Dutch (Sat and irreg during week)

NETHERLANDS - Radio 182, Waddinxveen, Zuid-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - Radio ELS, Coevorden, Drenthe (0.001 kW) - 24h in Dutch

NETHERLANDS - Radio Elvira, Heerhugowaard, Noord-Holland (0.001 kW) - 24h in Dutch (Sun)

NETHERLANDS - Radio Impuls, Haulerwijk, Friesland (0.001 kW) - 24h in Dutch

NETHERLANDS - Radio Jupiter AM, Groningen, Groningen (0.001 kW) - 24h in Dutch (Mon-Sat)

NETHERLANDS - Radio Kesteren, Kesteren, Gelderland (0.001 kW) - 24h in Dutch

NETHERLANDS - Radio Las Vegas, Hoogezaand, Groningen (0.001 kW) - 24h in Dutch (Sunday and irreg during week)

NETHERLANDS - Radio Nomen Nescio, Goes, Zeeland (0.001 kW) - 24h in Dutch

NETHERLANDS - Radio Ome Ko, Steenwijk, Overijssel (0.001 kW) - 24h in Dutch (Fri)

NETHERLANDS - Radio Podenco, Warffum, Groningen (0.001 kW) - 24h in Dutch

NETHERLANDS - Radio ZEBRA, Schiedam, Zuid-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - Radio Zwarte Hond, Drachten, Friesland (0.001 kW) - 24h in Dutch

NETHERLANDS - Radio Colinda, Rozenburg, Zuid-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - Sweet Rock Radio, 's-Gravenhage, Zuid-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - TalentCast, Groningen, Groningen (0.001 kW) - 24h in Dutch (Sun)

NETHERLANDS - TIQS Radio, Leiden, Zuid-Holland (0.001 kW) - 24h in Dutch

NETHERLANDS - Vader en Zoon / Elim, Elim, Drenthe (0.001 kW) - 24h in Dutch

NETHERLANDS - Vintage Music Radio, Vlissingen, Zeeland (0.001 kW) - 24h in Dutch

NETHERLANDS - Wijkradio, Helvoirt, Noord-Brabant (0.001 kW) - 24h in Dutch

NORWAY (SVALBARD) - NRK-1, Longyearbyen, Spitsbergen (1 kW) - 24h in Norwegian, incl. reg. prgrs from NRK Troms

ROMANIA - Radio Vocea Speranței, Botoșani, Botoșani County (1 kW) - 24h in Romanian

ROMANIA - Radio Vocea Speranței, Mediaș, Sibiu County (1 kW) - 24h in Romanian

ROMANIA - Radio Vocea Speranței, Oradea, Bihor County (1 kW) - 24h in Romanian

SPAIN - SER, Radio Santander, Santander, Cantabria (10 kW) - 24h in Spanish

SPAIN - SER, Radio Zamora, Zamora, Castilla y León (10 kW) - 24h in Spanish

SPAIN - SER, Radio Alcoy, Alcoy, Valencian (5 kW) - 24h in Spanish

NORTH AFRICA

MELILLA - SER, Radio Melilla, Melilla (5 kW) - 24h in Spanish

AFRICA

ETHIOPIA - Radio Ethiopia, Negele Borana, Oromia Region (10 kW) - 0245-2100 in Ethiopian languages

SOUTH AFRICA - Radio Today, Honeydew, Johannesburg (1 kW) - 24h in English

THE ARAB WORLD

SUDAN - Al-Qadarif State Radio, Al-Qadarif, Al-Qadarif State (5 kW) - 0300-2100 in Arabic

WEST ASIA

IRAN - IRIB, Radio Abadan, Jamshidabad, Khozestan Province (20 kW) - 24h in Persian & Arabic

IRAN - IRIB, Radio Chichest, Khoy, West Azerbaijan Province (10 kW) - 24h in Persian & Azeri

IRAN - IRIB, Radio Iran, Damghan, Semnan Province (1 kW) - 24h in Persian

SOUTH ASIA

INDIA, Akashvani, Ahwa, Gujarat (1 kW)

INDIA, Akashvani, Chamoli, Uttarakhand (1 kW)

INDIA, Akashvani, Dras, Ladakh (1 kW)

INDIA, Akashvani, Dunagpur, Rajasthan (1 kW)

INDIA, Akashvani, Khalsi, Ladakh (1 kW)

INDIA, Akashvani, Nongstoin, Meghalaya (1 kW)

INDIA, Akashvani, Nyoma, Ladakh (1 kW)

1494 kHz

BRITISH ISLES

ENGLAND - Radio Britannia - irregular (unlicensed)

IRELAND - Laser Hot Hits - irregular (unlicensed)

EUROPE

MOLDOVA - Radio Moldova, Cahul (30 kW) - 0255-1900(2000mo) in Moldovan/others; some highlights of schedule include: 1715-1755mo Gagauz, 1715-1735tu/we Romani, 1715-1755th Ukrainian, 1715-1755fr Bulgarian, 1725-1755sa RFE/RL Romanian, 1735-1755tu/we Russian, 1800-1815mo-fr Russian, 1815-1845mo RFE/RL Russian, 1930-2000mo RFE/RL Romanian

MOLDOVA - Radio Moldova, Edineț (20 kW) - schedule as above

WEST ASIA

IRAN - IRIB, Radio Khorasan-e Razavi, Taybad, Razavi Khorasan Province (10 kW) - 24h in Persian

1500 kHz

EUROPE

GERMANY - Radio Eule, Munich, Bavaria (0.001 kW) - occasional broadcasts in German

1503 kHz

EUROPE

BOSNIA-HERCEGOVINA - Radio 1503 Zavidovići, Zavidovići (1 kW) - 0415-0000 in Bosnian, includes relays of BHR-1 and Radio FBiH at certain times and carries the RFE/RL Bosnian Service at 0600-0700, 1300-1330, 1600-1630, 2000-2100 and 2200-2300

ITALY - Radio Diffusione Europea, Trieste, TS, Friuli Venezia Giulia (1 kW) - Italian

SPAIN - RNE Radio 5, La Línea, Andalusia (5 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Monforte de Lemos, Galicia (2 kW) - 24h in Spanish

THE ARAB WORLD

EGYPT - NMA, Holy Quran Programme, El Arish, North Sinai Governorate (25 kW) - 24h in Arabic

1512 kHz

BRITISH ISLES

ENGLAND - Radio Blackbeard - irregular (unlicensed)

THE ARAB WORLD

SAUDI ARABIA - SBA, Holy Quran Programme, Jeddah-Khumra (1000 kW) - 1500-0300 in Arabic

WEST ASIA

IRAN - IRIB, Radio Ardabil, Ardabil, Ardabil Province (50 kW) - 24h in Persian & Azeri

SOUTH ASIA

INDIA - Akashvani, Kokrajhar, Assam (20 kW)

PAKISTAN - Radio Pakistan, Gilgit, Northern Areas (10 kW)

1520 kHz

BRITISH ISLES

IRELAND - Finn Valley FM, Castlefinn, Co Donegal - unlicensed transmitter reported here

1521 kHz

BRITISH ISLES

ENGLAND - Flame CCR, Willaston, Wirral (0.07 kW) - 24h in English (Christian)

ENGLAND - Radio Panj, Coventry, West Midlands (0.1 kW) - 24h with programming for the Punjabi community (CR)

EUROPE

SPAIN - SER, Radio Castellón, Castellón, Valeniana (5 kW) - 24h in Spanish

THE ARAB WORLD

BAHRAIN - Radio Bahrain, Second Programme, Manama (10 kW) - 24h in Arabic (reported with TV audio)
SAUDI ARABIA - SBA, Radio Riyadh, Duba, Tabuk Province (2000 kW) - 1500-2230 in Arabic

SOUTH ASIA

INDIA - Akashvani, Tawang, Arunachal Pradesh (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Hutubi, Xinjiang (500 kW) - 0000-0200 and 1100-2000 in Russian

1530 kHz

EUROPE

ROMANIA - Radio Romania Actualitate, Rădăuți, Rădăuți County (14 kW) - 24h in Romanian

ROMANIA - Radio Constanța, Prgr 2, Nufărul, Tulcea County (14 kW) - 0300-1900 in Romanian, including: 1515-1600su Minority Prgr in Aromanian and 1605-1700mo-fr Minority Prgr in Armenian, Greek, Russian, Tatar, and Turkish

MACARONESIA

MADEIRA - PEF-Posto Emissor do Funchal, Poiso (3 kW) - 24h in Portuguese

AFRICA

SÃO TOMÉ E PRÍNCIPE - Voice of America relay, Pinheira (600 kW) - 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, 1800-1830mo-fr in Portuguese, 1830-2000 in French, 2000-2200 in English

SOUTH ASIA

INDIA - Akashvani, Agra, Uttar Pradesh (20 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - Zhejiang R&TV, Voice of the City, Hangzhou, Zhejiang (50 kW) - 24h in Chinese

1539 kHz

EUROPE

SPAIN - SER, Radio Elche, Elche, Valenciana (6 kW) - 24h in Spanish

SPAIN - SER, Radio Manresa, Manresa, Cataluña (5 kW) - 24h in Spanish

AFRICA

DJIBOUTI - Radio Djibouti, Dorale (50 kW) - 0300-2000 in Afar, Arabic and Somali; reactivated in July 2022

WEST ASIA

IRAN - IRIB, Radio Golestan, Gorgan, Golestan Province (50 kW) - 24h in Persian

IRAN - IRIB, Radio Iran, Garmsar, Semnan Province (10 kW) - 24h in Persian

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Golmud, Qinghai (300 kW + LP) - 2025-1805 in Chinese

1548 kHz

BRITISH ISLES

ENGLAND - Gold, Saffron Green, Hertfordshire, near London (97.5 kW) - 24h in English

ENGLAND - Greatest Hits Radio, Skew Hill, Sheffield, South Yorkshire (0.74 kW) - 24h in English

SCOTLAND - Forth 2, Collinswell, Edinburgh (2.2 kW) - 24h in English

EUROPE

MOLDOVA (PMR) - TWR, Maiac, Grigoriopol (500 kW) - 1830-1845sa in Bulgarian, 1830-1845su-fr in Romani Balkan, 1845-1915mo-fr in Romani Vlax, 1845-1915sa/su in Romanian, 1915-1940sa/su in Hungarian, 1915-2000mo-fr in Hungarian, 1940-1955sa/su in Bosnian, 1955-2010su in Montenegrin, 2000(2010sa/su)-2030mo-fr in Serbian in Serbian

AFRICA

SOUTH AFRICA - Radio Islam, Lenasia, Gauteng (10 kW) - 24h in English

THE ARAB WORLD

KUWAIT - Radio Sawa, USAGM relay, Umm al-Rimam (600 kW) - 24h in Arabic; stream for Mashreq countries

WEST ASIA

IRAN - IRIB, Radio Iran, Sanandaj, Kordestan Province (10 kW) - 24h in Persian
IRAN - IRIB, Radio Dena, Gach Saran, Kohgiluyeh and Boyerahmad Province (10 kW) - 24h in Persian
IRAN - IRIB, Radio Mazandaran, Larjan, Mazandaran Province (10 kW) - 24h in Persian
IRAN - IRIB, Radio Khorasan-e Jonubi, Ferdows, South Khorasan Province (10 kW) - 24h in Persian

PACIFIC (transmitters of 50 kW and over)

AUSTRALIA - ABC Capricornia (4QD), Emerald, Queensland (50 kW) - 24h in English

1550 kHz

THE ARAB WORLD

ALGERIA - National Radio of the Saharan Arab Democratic Republic, Rabouni (Sahrawi refugee camp), Tindouf Province, Algeria (50 kW) - 0700-1300 and 1700-2300 in Arabic

1557 kHz

BRITISH ISLES

ENGLAND - Gold, Kings Heath, Northampton, Northants (0.76 kW) - 24h in English
ENGLAND - Smooth Radio, Veals Farm, Southampton, Hants (0.5 kW) - 24h in English

EUROPE

LITHUANIA - Radio Lenta, Sitkūnai (50 kW) - 1540-0000 in Russian (also known as "Nasha Lenta")

WEST ASIA

IRAN - IRIB, Radio Iran, Zabol, Systan and Baluchestan Province (50 kW) - 24h in Persian

SOUTH ASIA

PAKISTAN - Radio Pakistan, Skardu, Northern Areas (10 kW)

REST OF ASIA (transmitters of 50 kW and over)

TAIWAN - Radio Taiwan Int, Kouhu, Yunlin (300 kW) - 0900-1100 in Chinese, 1100-1200 in Korean, 1200-1700 in Amoy; co-channel Chinese Firedrake jamming also observed between 0900-1700

1566 kHz

BRITISH ISLES

ENGLAND - BBC Somerset, Taunton, Somerset (1 kW) - 24h in English
ENGLAND - Premier Christian Radio, Peasmash, Guildford, East Sussex (0.8 kW) - 24h in English
ENGLAND - Salaam BCR (Bury Community Radio), Bury, Greater Manchester (0.001 kW) - 24h in English/Asian (CR)

EUROPE

ITALY - Radio Kolbe, Schio, VI, Veneto (0.2 kW) - Italian

NETHERLANDS - Vahon Hindustani Radio (Vahon FM), Stompwijk, South Holland (1 kW) - 24h in Hindi and Dutch

AFRICA

BENIN - TWR Africa, Parakou (100 kW) - 0430-0505(0520sa/su) and 1855-2215 in French & West African languages

WEST ASIA

IRAN - IRIB, Radio Iran, Bam, Kerman Province (50 kW) - 24h: Persian

REST OF ASIA (transmitters of 50 kW and over)

KOREA SOUTH - FEBC (HLAZ), Aewol-ub, Jeju Province (250 kW) - 24h: 1000-1100 Radio Free Asia in Korean, 1100-1230 FEBC Radio Liangyou in Chinese, 1230-1345 FEBC in Japanese, 1345-1630 FEBC Radio Liangyou in Chinese, 1630-1700 FEBC Radio Teos in Russian, 1700-1800 Voice of America in Korean, 1800-1000 FEBC in Korean

1575 kHz

BRITISH ISLES

ENGLAND - Radio Seerah, Leicester (0.001 kW) - 24h in English and South Asian languages (CR)
IRELAND - Radio Daniella, Dublin (0.2 kW) - Irregular operation, ex-1494 and 1512 (unlicensed)
IRELAND - Kiss AM, North-East Ireland - first reported on 5 March 2023 (unlicensed)

EUROPE

RUSSIA - Radio Free Waves, location unconfirmed by believed to be Smolensk, Smolensk Oblast, Central Federal District - Russian; unlicensed station that has also been heard on shortwave 3940 kHz

AFRICA

MAURITIUS - BBC World Service relay, Bigara (2 kW) - 24h: English

THE ARAB WORLD

EGYPT - NMA, Youth and Sports Radio, Al-Qusayr, Red Sea Governorate (10 kW) - 0415-2200 in Arabic

REST OF ASIA (transmitters of 50 kW and over)

THAILAND - Radio Saranrom / Voice of America relay, Ayutthaya (1000 kW) - 2200-2230 VOA in Khmer, 2230-0000su-th Radio Saranrom in Thai, 2330-0000fr/sa VOA in Burmese, 0000-0100 VOA in Burmese, 1030-1100 Radio Saranrom in Thai, 1100-1130mo Radio Saranrom in English, 1100-1130tu-fr Radio Saranrom in Thai, 1200-1230mo-fr Radio Saranrom in Thai, 1230-1300 VOA in Lao, 1300-1330 VOA in Rohingya, 1300-1330sa/su VOA in English, 1330-1430 VOA in Khmer, 1430-1500 VOA in Burmese, 1500-1530mo-fr Radio Saranrom in Thai, 1500-1530sa/su VOA in Burmese, 1530-1800 VOA in Burmese

1584 kHz

BRITISH ISLES

ENGLAND - Jeo Radio, Sewardstone, London (2 kW) - 24h in English & South Asian languages

SCOTLAND - Tay AM, Perth (0.21 kW) - 24h in English

EUROPE

GREECE - Radiostathmos Armaliadas, RSA 92.7, Kyllini, Elis, West Greece (1 kW) - 24h in Greek

ITALY - Radio Piterpan, Vicenza, VI, Veneto (1 kW) - Italian

ITALY - Radio Studio X, Arezzo, AR, Tuscany (1 kW) - Italian

NETHERLANDS - JINX Radio, Utrecht, Utrecht (0.1) - 24h in Dutch

POLAND - Radio AM Andrychów, Andrychów, Lesser Poland (0.1 kW) - 24h: Polish, local prgrs and relays of Twoje R.

ROMANIA - ALT FM, Timișoara, Timiș County (1 kW) - 24h in Romanian

ROMANIA - Radio Vocea Sperantei, Iași, Iași County (1 kW) - 24h in Romanian

ROMANIA - Radio Vocea Sperantei, Sighetu Marmației, Maramureș County (1 kW) - 24h in Romanian

ROMANIA - Radio Vocea Sperantei, Tecuci, Galați (1 kW) - 24h in Romanian

ROMANIA - Radio Vocea Sperantei, Vatra Dornei, Suceava (1 kW) - 24h in Romanian

RUSSIA - Radio Chistaya Volna, Belorechensk, Krasnodar Krai, Southern Federal District (0.03 kW) - 24h in Russian

SPAIN - SER, Radio Gandía, Gandía, Valencian (5 kW) - 24h in Spanish

SPAIN - SER, Radio Orense, Orense, Galicia (5 kW) - 24h in Spanish

NORTH AFRICA

CEUTA - Radiolé Costa del Estrecho, Ceuta (5 kW) - 24h: Spanish

THE ARAB WORLD

BAHRAIN - Radio Bahrain, English Service, Manama (1 kW) - 0300-2100 in English

EGYPT - NMA, South Upper Egypt Radio, Idfu, Aswan Governorate (10 kW) - 0200-2200: Arabic

EGYPT - NMA, El Wady El Gadid Radio, Baris, New Valley Governorate (1 kW) - 0400-2200: Arabic

SUDAN - White Nile State Radio, Kosti, White Nile State (5 kW) - 0300-2100 in Arabic.

WEST ASIA

IRAN - IRIB, Radio Semnan, Biyarjomand, Semnan Province (10 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Himmat Nagar, Gujarat (1 kW)

INDIA - Akashvani, Kargil, Jammu & Kashmir (1 kW)

INDIA - Akashvani, Keonjhar, Odisha (1 kW)

INDIA - Akashvani, Mon, Nagaland (1 kW)

INDIA - Akashvani, Padam, Jammu & Kashmir (1 kW)

PAKISTAN - Radio Pakistan, Chitral, Khyber-Pak'hwa (0.25 kW)

PAKISTAN - Radio Pakistan, Sibi, Baluchestan (0.25 kW)

1593 kHz

EUROPE

FRANCE - Bretagne 5, Saint Gouéno, Brittany (10 kW) - 24h in French

ROMANIA - Radio România Actualități, Ion Corvin, Constanța (14 kW) - 24h: Romanian

ROMANIA - Radio Târgu Mureș, Miercurea Ciuc, Centru Region (14 kW) - 0300-1900 in Romanian; except for prgrs for minorities at 0500-0800sa Marosvásárhelyi Radio in Hungarian, 0700-0830su Radio Neumarkt in German, 0830-1500su Marosvásárhelyi Radio in Hungarian, 0800-1500mo-fr Marosvásárhelyi Radio in Hungarian, 1100-1500sa Marosvásárhelyi Radio in Hungarian, 1800-1900mo-sa Radio Neumarkt in German

ROMANIA - Radio Cluj, Sibiu (7 kW) - 0300-1900 in Romanian; except for prgrs for minorities: 0500-0700mo-sa
Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian,
1100-1200mo-sa Radio Bukarest in German, 1300-1500mo-sa Kolozsvari Radio in Hungarian
ROMANIA - Radio Cluj, Oradea (2 kW) - 0300-1900 in Romanian; except for prgrs for minorities: 0500-0700mo-sa
Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian,
1100-1200mo-sa Radio Bukarest in German, 1300-1500mo-sa Kolozsvari Radio in Hungarian

THE ARAB WORLD

EGYPT - NMA, Matruh Radio, Matruh, Matruh Governorate (10 kW) - 0200-2200: Arabic

WEST ASIA

TURKEY - American Forces Network, AFN, Incirlik Air Base (0.005 kW) - 24 in English

SOUTH ASIA

INDIA - Akashvani, Bhopal, Madhya Pradesh (10 kW)

REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Changzhou, Jiangsu (400 kW) - 2025-2330 & 1000-1805 in Chinese

1602 kHz

BRITISH ISLES

ENGLAND - Desi Radio, Southall, London (0.15 kW) - 24h: Punjabi (CR)

EUROPE

FINLAND - Scandinavian Weekend Radio, Virrat (0.4 kW) - Dates of operation for 2023 (starting at 2100 UTC on these dates): 31 March, 2 June, 30 June, 4 August, 6 October, 3 November and 1 December.

NETHERLANDS - Radio Flandria, Hemelum, Friesland (0.1 kW) - 24h in Dutch

ITALY - Radio a Colori, Bologna, BO, Emilia Romagna (0.07 kW) - Italian

ITALY - Radio Jeans, Savona, SV, Liguria (0.1 kW) - Italian

LATVIA - Radio Centrs, Riga (1.25 kW) - 24h in Russian and English

POLAND - Radio AM, Kraków, Lesser Poland (0.8 kW) - 24h: Polish, local prgrs and relay Twoje Radio AM

ROMANIA - Radio Vocea Sperantei, Piatra Neamt, Neamț (1 kW) - 24h: Romanian

ROMANIA - ALT FM, Arad, Arad (1 kW) - 24h in Romanian

SERBIA - Radio Beograd 1, Sjenica, Šumadija and Western Serbia (0.5 kW) - 24h in Serbian

SPAIN - SER, Radio Cartagena, Cartagena, Murcia (5 kW) - 24h in Spanish

SPAIN - SER, Radio Linares, Linares, Andalusia (5 kW) - 24h in Spanish

SPAIN - SER, Radio Onteniente, Onteniente, Valencian (5 kW) - 24h in Spanish

SPAIN - SER, Radio Segovia, Segovia, Castile and León (5 kW) - 24h in Spanish

THE ARAB WORLD

EGYPT - NMA, South Upper Egypt Radio, Nag Hamadi, Qena Governorate (10 kW) - 0400-2200: Arabic

EGYPT - NMA, Matruh Radio, Siwa, Matruh Governorate (10 kW) - 0200-2200 in Arabic

SUDAN - South Kordufan State Radio, Kaduqli, South Kordufan State (5 kW) - 0300-2100 in Arabic

WEST ASIA

IRAN - IRIB, Radio Semnan, Damghan, Semnan Province (10 kW) - 24h in Persian

IRAN - IRIB, Radio Semnan, Garmsar, Semnan Province (10 kW) - 24h in Persian

IRAN - IRIB, Radio Dezful, Dezful, Khuzestan Province (10 kW) - 24h in Persian & Arabic

IRAN - IRIB, Radio Yazd, Bahabad, Yazd Province (1 kW) - 24h in Persian

SOUTH ASIA

INDIA - Akashvani, Diskit, Jammu & Kashmir (1 kW)

INDIA - Akashvani, Pauri, Uttarakhand (1 kW)

INDIA - Akashvani, Pithoragarh, Uttarakhand (1 kW)

INDIA - Akashvani, Saiha, Mizoram (1 kW)

INDIA - Akashvani, Tiersuru, Jammu & Kashmir (1 kW)

INDIA - Akashvani, Tuensang, Nagaland (1 kW)

INDIA - Akashvani, Uttarkashi, Uttarakhand (1 kW)

INDIA - Akashvani, William Nagar, Meghalaya (1 kW)

INDIA - Akashvani, Ziro, Arunachal Pradesh (1 kW)

1611 kHz

EUROPE

NORWAY - Radio Northern Star, Ergen (0.4 kW) - 1800-2300 (evenings only at present)