



Euro-African Medium Wave Guide
2011 edition

PREFACE AND COPYRIGHT

Welcome to the Euro-African Medium Wave Guide

What lies in front of you or what you see on your computer screen is the result of a lot of hard work and love.

In the mid-1990s I was becoming more and more interested in medium wave, in particular the European medium wave. I noticed that the sources I used to consult, the WRTH and Sender&Frequenzen, mostly contained concise frequency lists with nothing more than the frequency, station name and power output. This led to a continuous browsing between pages to get as much information as possible and make DXing easier. Just like many other DXers I started to make my own list with the information I could find. That information came especially from various club bulletins, but also from messages in the DXAntwerp Bulletin Board System. This was the internet's predecessor and meant a true revolution for DXers who could now exchange information through their computer.

At the time the **EMWG** was still called the *Long and Medium Wave Guide for Europe, North Africa, and the Middle East* and was initially drawn up in the Flemish language. As non-Flemish speaking DXers also became interested I switched to English and uploaded the list at regular intervals onto the DXA Bulletin Board.

Initially a modest attempt to help myself with the hobby, the list soon turned out to be a hole in the market. The later renamed *European Medium Wave Guide* caught on well, and thanks to some renowned DXers and DX clubs, the publication became more and more professional.

At the end of 2002 the EMWG could be consulted on-line and was now even more being kept up-to-date.

In December 2004, the EMWG was merged with James Niven's **African Medium Wave Guide** and subsequently covered not only the whole of Europe and the Middle East, but the whole of Africa as well.

Today, it is an indispensable tool for the medium wave DXer.

I truly hope you will enjoy and benefit from the EMWG during your DX activities.

Copyright © 1998-2011 Herman Boel. This work may not be reproduced or distributed without the permission of Herman Boel. For permission, write to contact@emwg.info or contact Herman Boel at Papeveld 3, B-9320 Erembodegem (Aalst), Vlaanderen (Belgium).

INTRODUCTION TO THE EMWG

Contents

This publication gives an overview of literally all long and medium wave broadcast stations in Europe, Africa, and the Middle East.

Times

All times are in UTC: please subtract one hour during European Summer time (unless otherwise stated) if and when you are in a country in the northern hemisphere where Summer time is in order. However, please note that some stations do not move with Summer Time and keep programmes aligned with UTC. These are mainly international cross border broadcasters. Also North Africa and parts of Middle East do not observe Summer/Winter time differences. Other countries (e.g. Israel) move from Summer/Winter time on different dates to Western Europe.

Power Output

All powers are expressed in kiloWatt. As much as possible the effective radiated power output is given, rather than the official or allowed power. Please note that **Spanish** MW stations are known to use much higher powers than the ones listed.

Geography

The countries listed in this publication can be seen on the ITU list of EMWG countries. Only the European part of Russia is listed. At the (official) European side, the oblasts (republics) are: Nenetskk kiy avt. okrug (Naryan-Mar), Resp. Komi (Syktyvkar), Permskaya obl. (Perm), Resp. Bashkortostan (Ufa), Orenburgskaya obl. (Orenburg). As for the coordinates information, please note that they are expressed in degrees and minutes.

Special stations

Low power stations in the UK (RSLs/LPAMs) as well as DRM stations are included only if they are broadcasting full-time or if they operate a regular schedule (e.g. on air during sports matches). Pirate stations are not listed (with the possible exception of Ireland, very regular pirate stations, and offshore stations).

Abbreviations

LPAM: Low Power AM; Px: programme; RSL: Restricted Service License; Tx: transmitter

Mo-Tu-We-Th-Fr-Sa-Su: Monday-Tuesday-Wednesday-Thursday-Friday-Saturday-Sunday

Feedback & Update information

This list is by no means considered to be entirely correct and complete. Your feedback is most welcome and will help improving this list so it meets the needs of all users. You are welcome to join the EMWG mailing list at <http://groups.yahoo.com/group/emwg>.

INTRODUCTION TO LONG AND MEDIUM WAVE

On shortwave the tropical bands are known as the bands to listen to local, regional and also some international radio stations. What does this have to do with medium wave, you will ask. Well, medium wave has the same function, but on a European scale. This can seem less interesting, but it is not. As Europeans, we generally feel more related to the European cultures, of which we do not always know that much about. Also the reception possibilities are much more favourable, so you do not need any specialised equipment.

General Information

The majority of broadcasters on medium wave are **local stations**. The transmitter is usually situated in the middle of the target area, which generally covers part of the country. The programmes consist of music and local information/advertising. Transmitter power ranges from 1 Watt to 100 kiloWatt, depending on the size of the target area and the interference that can be expected from other stations.

Mainly in Spain and the UK network stations occupy the band. These stations all broadcast the same programmes, except for some local interruptions. Sometimes the same frequency is being used by different transmitters. These are so-called **synchronised networks**; examples are BBC Radio 5 Live (693/909 kHz) and Absolute Radio.

Regional stations occur mainly in Spain. They cover a larger area of the country than local stations. Apart from Spain, this is a typically American type of station.

Due to the relative small size of the European countries, medium wave is ideal for **international stations**. Contrary to other continents, some high power transmitters suffice to guarantee a large coverage.

Another type of stations are **micro-power stations**, such as the British LPAM stations. These stations usually transmit with only 1 Watt of power, just enough to cover the area of a school, football field or hospital. Despite the limited power, these stations are sometimes heard hundreds of kilometres away.

Finally, medium wave is also a favourite band for **clandestine** and **pirate stations**. The clandestine stations can be found mainly in the Middle East, the pirate stations are located especially in The Netherlands, UK, Greece, and Serbia.

Several **other stations** can be found on medium wave (navigation beacons, utility stations), but we only cover broadcast stations here.

News & current affairs

Many listen to medium wave for information on current affairs. You can listen the whole day long to some broadcasters to keep up-to-date with the news. There is of course the renowned **BBC World Service** which can be heard in English on 648 kHz 24 hours per day.

Then there is something like **Talkradio**, a programme concept wherein current and less current affairs are discussed, but with direct participation from the listeners (usu. over the phone). These kind of programmes are known to be rather dull and these stations do not really enjoy a great success. Try Talkradio UK (1053/1089 kHz).

What other countries provide us with information? A short overview: In Italy the RAI is interesting esp. at night. The programme Notturmo Italiano gives news in German, French and English, alternated with long periods in Italian. In Spain almost all stations provide you with loads of news, although most stations do look like talkradio. Just browse the band and you will encounter many of them. Germany also has some interesting stations:

Deutschlandfunk and Deutschlandradio Kultur are national broadcasters. The regional broadcasters are also well represented. Some examples: MDR Info, Westdeutscher Rundfunk and the Hessischer RF.

Other stations are: Flanders (927 kHz), Wallonia (621 kHz), The Netherlands (747 kHz), Luxembourg (234 kHz), Bosnia-Herzegovina (612 kHz), Croatia (1134 kHz), Denmark (1062 kHz), Slovenia (918 kHz) and Serbia (684 kHz).

When talking about news and current affairs, you cannot forget the international broadcasters. Although you probably know most of them, I'm giving here an overview of those that can best be heard in Western Europe. We already mentioned the BBC. Radio Sweden (1179 kHz) has been there for years. This is also valid for the Voice of Russia that can be heard evenings in English, French and German on 1215 & 1323 kHz. Radio Tirana can be heard in several languages on 1458 kHz. Larger stations like the BBC and Deutsche Welle also use relay transmitters in the Mediterranean with programmes for the Middle East. Those transmitters are rarely heard in Western Europe though.

Other programmetypes

If you are very much interested in **sports**, then medium wave is for you: BBC Radio 5 Live (693/909 kHz) informs you all day long on sport events. The BBC World Service also has some special sport programmes. If you're interested in the Spanish Primera División, then you need to listen esp. in weekends to the Spanish broadcasters. Almost every station covers the games live. The general Spanish public believes stations exaggerate, but they really only broadcast what the listeners want to hear.

Most other stations also give sport information, but only when it is relevant.

You would be surprised to see how many types of **music** can be found on medium wave. It is impossible to give you a full overview of the music on medium wave. Here's a selection:

For pop and rock music, tune into Absolute Radio (1215 kHz). For Scottish folk music try BBC Radio Scotland (810 kHz) esp. evenings between 21.00 and 23.00utc. For Irish folk music try RTÉ Radio 1 (252 kHz). Jazz is also frequently heard on medium wave. Classical music can be found everywhere, mainly on the Eastern European stations. You can also find beautiful local music, e.g. on Radio Slovenia (918 kHz). If you like Asian music, tune into Asian Sound Radio (963 kHz) and Sunrise Radio (1458 kHz).

As you can see, for music medium wave is the place to be.

Just as on shortwave, the inevitable **religious** stations are well represented on medium wave. First of all there's Vatican Radio (1530/1611 kHz) that can be heard in several languages. Via the Voice of Russia transmitters, you can regularly hear the German Universelles Leben. Another German station is Evangeliums Rundfunk. This religious station can be heard all day long on 1539 kHz. These are the main stations, but there are others.

Outside Europe

We can also pick up stations from outside Europe. Algeria is a regular client. Tune to 891 and 981 kHz. A little bit further away lies Saudi Arabia. When Radio Luxemburg has left 1440 kHz, you can listen to the Arab station. You may be even more lucky on 1521 kHz, though, where Saudi Arabia has a powerful transmitter. When propagation conditions are favourable, All India Radio Nagpur can be heard on 1566. Try just before sunset. You can also try to listen to stations from the American continent at night, but then we are talking about pure DXing, and not programme listening.

Important

This overview clearly shows that medium wave is some kind of treasure. It is important to know that this treasure can hold quite a few surprises. When you're tuning to a frequency, please **never** assume it is a certain station without having heard an identification. The best example is the British local stations. Several stations occupy one single frequency. It can happen that you are suddenly hearing an other station than you are used to on that frequency. Exactly that is so typical for medium wave. And exactly that makes medium wave so much more exciting than shortwave.

DRM

A recent development on medium wave is digital broadcasting. DRM, Digital Radio Mondiale, is a digital transmission type that brings FM quality to medium wave, with less power output. Unfortunately, it also means the listener needs to buy a new receiver, capable of receiving these digital signals.

Listening tools

Logically you can listen to medium wave with each receiver equipped to receive that band. If you're only interested in the strong signals, any receiver will do. Especially the older receivers -from the time before FM- will give excellent performance. If you also want to listen to weaker stations, then a receiver with digital readout -if possible with SSB- is preferred.

Generally the built-in ferrite antenna of most receivers suffices. However, it can be very interesting to buy or make a loop antenna. This is very handy to separate two stations broadcasting on the same frequency (but coming from a different direction). A nice example in my area is Radio Vilnius and Südwestfunk on 666 kHz. A loop antenna allows me to choose nicely what station I want to listen to. This can also be done with the built-in ferrite antenna, but you risk having to put the receiver in such way that the speaker is directed away from you. A longwire is not directional (unless it involves a long beverage antenna) and you'll mostly hear both stations at the same time.

But don't let this frighten you. A normal receiver is more than enough to start with.

Happy listening!

ITU LIST OF EMWG COUNTRIES

AFS South Africa
AGL Angola
ALB Albania
ALG Algeria
ARM Armenia
ARS Saudi Arabia
ASC Ascension Island
AZE Azerbaijan
AZR Azores
BEL Belgium
BEN Benin
BFA Burkina Faso
BHR Bahrain
BIH Bosnia-Herzegovina
BLR Belarus
BOT Botswana
BUL Bulgaria
CAF Central-African Republic
CEU Ceuta
CGO Congo
CNR Canary Islands
COG Congo
CVA Vatican City
CYP Cyprus
CZE Czech Republic
D Germany
DJI Djibouti
DNK Denmark
E Spain
EGY Egypt
ERI Eritrea
EST Estonia
ETH Ethiopia
F France
FAR Farøer Islands
FIN Finland
G United Kingdom
GAB Gabon

GEO Georgia
GIB Gibraltar
GMB Gambia
GRC Greece
GUI Guinea
HNG Hungary
HOL The Netherlands
HRV Croatia
I Italy
IRL Ireland
IRN Iran
IRQ Iraq
ISL Iceland
ISR Israel
JOR Jordan
KAL Kaliningrad
KEN Kenya
KOS Kosovo
KWT Kuwait
LBN Lebanon
LBY Libya
LIT Lithuania
LSO Lesotho
LUX Luxembourg
LVA Latvia
MAU Mauritius
MCO Monaco
MDA Moldova
MDG Madagascar
MDR Madeira
MEL Melilla
MKD Macedonia
MLD Maldives
MLI Mali
MLT Malta
MNE Montenegro
MOZ Mozambique

MRC Morocco
MTN Mauritania
MWI Malawi
MYT Mayotte
NGR Niger
NIG Nigeria
NOR Norway
OMA Oman
POL Poland
POR Portugal
QAT Qatar
REU Réunion
ROU Romania
RUS Russia
SDN Sudan
SEN Senegal
SEY Seychelles
SHN Saint-Helena
SLN Slovenia
SOM Somalia
SRB Serbia
STP Sao Tomé & Príncipe
SUI Switzerland
SVK Slovakia
SWZ Swaziland
SYR Syria
TCD Chad
TGO Togo
TUN Tunisia
TUR Turkey
TZA Tanzania
UAE United Arab Emirates
UGA Uganda
UKR Ukraine
YEM Yemen
ZMB Zambia

Freq	UTC	ITU	Station	Locations	kW	Details (<i>programme format in italic</i>)	Coord.	Km.	Azim.
153	0200-0100	ALG	Alger Chaîne 1	Béchar	2000	in Arabic	02W21 31N34	2746	248,2
153	0100-0200	ALG	Radio Alger International	Béchar	2000	in Arabic	02W21 31N34	2746	248,2
153	0000-2400	D	Deutschlandfunk	Donebach	500*	<i>news and political programmes</i> (*: 500 kW: 0400-1900, 250 kW: 1900-0400); antenna height: 363 m; beam: 90-130°	09E11 49N34	1315	301,9
153	0000-2400	NOR	NRK 1/NRK 2/NRK Finnmark	Ingøy	100	Regional px from NRK Finnmark: Mon-Fri 0503-0530, 0540-0600, 0603-0630, 0640-0650, 0654-0700, 0705-0718, 0725-0730, 0737-0800, 0803-0805, 0903-0905, 1103-1106, 1203-1205, 1303-1305, 1403-1405, 1503-1530, 1533-1600, 1603-1630, 1703-1705, Sat. 0705-0707, 0803-0805, 0903-0905, 1003-1008, 1103-1108; "Nordafør" (shared prgr with NRK Finnmark, Troms and Nordland - //153, 657, 1485 kHz): Mon-Fri 1003-1100, 1106-1130; National Programme 1: Mon-Fri 0000-0503, 0530-0540, 0600-0603, 0630-0640, 0650-0654, 0700-0705, 0718-0725, 0730-0737, 0800-0803, 0805-0903, 0905-1003, 1100-1103, 1130-1203, 1205-1303, 1305-1350, 1400-1403, 1405-1503, 1530-1533, 1600-1603, 1700-1703, 1825-1900, 1951-2105, 2115-2400, Sat. 0000-0630, 0700-0705, 0707-0803, 0805-0903, 0905-1003, 1230-1350, 1700-2105, 2115-2400, Sun 0000-0703, 0800-1002, 1100-1203, 1300-1350, 1400-1530, 1600-1903, 2000-2105, 2115-2400; National Programme 2: Mon-Fri 1630-1650, 1705-1800, Sat 0630-0700, 1003-1103, 1110-1230, 1400-1700, Sun 0703-0800, 1002-1100, 1203-1300, 1530-1600, 1903-2000; Special weather forecast: Mon-Fri 1350-1400, 1650-1700, 2105-2115; Sat 1103-1110, 1350-1400, 2105-2115; Sun 1350-1400, 2105-2115			
153		ROU	Antena Satelor	Brasov Bod	200		25E36 45N45	175	22,6
162	0000-2400	F	France Inter	Allouis	2000*	off air except Tue 0005-0358 <i>news and information</i> * 1900-0400 only 1000 kW, in coming Winter 1000 kW from 1700-0400	02E12 47N10	1771	288,3
171	0200-2200	KAL	Radio Rossii	Bolshakovo	600		28E32 53N25	1051	13,9
	0500-0400	MRC	Radio Méditerranée Int'l	Nador	2000	Arabic and French transmissions SW parallel: 9575 kHz	02W55 35N03	2564	255,9
	0300-2100	RUS	Kavkaz Radio	Tbilisskaya	1200	in Russian exc. Chechen at 1200-1210 (Mo-Sa) and 1600-1610 (Mo-Sa); tx is sometimes active a little after 2100	40E10 45N22	1221	79,0
177	0000-0300	D	DRM - DLR Kultur	Zehlendorf	150	<i>cultural and music programmes</i>	3E24 52N48	1258	322,7
	0300-0000	D	Deutschlandradio Kultur	Zehlendorf	500	<i>cultural and music programmes</i>	3E24 52N48	1258	322,7
183	0300-0000	D	Europe 1	Felsberg (Saarlouis)	2000	in French <i>news and information, and entertainment</i>	06E41 49N17	1477	298,4
189		GEO	Gruzinskoye Radio (Radio 1)	Tbilisi	100	on air during special occasions only (e.g. Mo evening at 0600 with President's speech)	44E48 41N42	1653	93,1
189	0000-2400	ISL	Ríkisútvarpid Rás 1+2	Gufuskálar	300	mast 412 mts high; 2x150 kw Harris tx	23W55 64N54	3735	324,9

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
189		S	Sveriges Radio	Motala	0.020	broadcasts are tied with broadcasting museum in Motala; no regular broadcasts	14E59 58N26	1707	340,4
198	0200-0100	ALG	Alger Chaîne 1	Ouargla	2000	in Arabic	05E05 31N57	2190	237,8
198	0100-0200	ALG	Radio Alger International	Ouargla	2000	in Arabic	05E05 31N57	2190	237,8
198	0000-2400	G	BBC Radio 4	various	0.004-500	0100-0600 relay of BBC World Service txs in Dartford Tunnel (0.004), Burghead ¹ (50), Westerglen ² (50) and Droitwich ³ (500 kW) <i>news, documentaries, drama, entertainment, cricket</i> ; (1) 03W28 57N42, (2) 03W50 55N58	02W06 52N18	2443	317,5
198	0200-2100	RUS	Radio Mayak	various	75-150	txs in Olgino (75 kW) and Kurovskaya (150 kW); <i>info, interviews, sports</i> ,			
207	0000-2400	D	Deutschlandfunk	Aholming	500*	*1800-0400 only 250 kW; <i>news & political px</i> ; ant. beam: 80/200°; SW: 6190 kHz	12E56 48N43	1026	302,7
207	0000-2400	ISL	Ríkisútvarpid Rás 1+2	Eidar	100		14W26 65N19	3332	328,1
207	0000-2400	MRC	RTM A	Azilal	400	Arabic transmissions	06W33 31N54	3040	253,7
216	0300-2200	AZE	Azerbaijani Radio 1	Gyandza	500	in Azeri	49E45 40N24	2092	93,2
216	0330-2305	F	Radio Monte Carlo	Roumoules	1400*	* 900 kW at night; <i>news and information, and entertainment</i>	06E09 43N47	1483	274,3
225	0400-0305	POL	Polskie Radio 1	Solec Kujawski	1000	<i>antenna heights: 289m & 330m</i>	19E48 52N22	968	339,7
225	0305-0400	POL	Polskie Radio dla Zagranicy	Solec Kujawski	1000	<i>antenna heights: 289m & 330m</i>	19E48 52N22	968	339,7
234		ARM	Radio 1/Hayasthani Dzayn (VO Armenia)/Russian International Radio	Gavar	500	0200-0000 in Armenian, exc. Russian at 0530-0600 (Mo-Fr), 1100-1400 Russian International Radio, 1400-1415 (Su-Fr), and English 1700-1715 (Sa/Su) and 1630-1640 (Th-Tu) French, 1640-1650 (Th-Tu) German, 1650-1700 (Th-Tu) English; VO Armenia: 1120-1130 Georgian, sometimes relays Radio Rossii and R Liberty	45E11 40N25	1730	97,3
234	0000-2400	LUX	RTL	Beidweiler	2000	French programmes	06E19 49N40	1514	299,7
243		DNK	DRM - DR Kalundborg	Kalundborg	50	0635-0707, 1235-1330, 1835-1916			
252	0500-0600	ALG	Alger Chaîne 1&3	Tipaza	750	Arabic and French transmissions	02E27 36N35	2063	253,1
252	0600-0100	ALG	Radio Alger International	Tipaza	1500*	0600-0630 French, 0630-0638 English, 0638-0725 French, 0725-0734 Spanish, 0734-1900 French, 1900-2000 Spanish, 2000-2100 English, 2100-0100 French; *: 0600-1800: 1500 kW, 1800-0200 & 0500-0600: 750 kW	02E27 36N35	2063	253,1
252	0000-2400	IRL	RTE Radio 1	Clarkestown	300*	*separate sports px on Sa/Su afternoons; *: 100 kW nighttime			
252	0200-2200	RUS	Radio Rossii/Radio Tatarstana/ New Century	Kazan	150	Radio Tatarstana: Mo-Fr 0300-0500, 0510-0540, 1510-1600, 1610-1730; Sa 0300-1115, Su 0300-1315; New Century (Voice of Tatarstan): 0900-1000 (Tu-Su), ID in Russian: Nowyy Wek, in Tatar: Yana Gasyr; all other times R. Rossii	48E48 55N47	2123	44,5

Freq	UTC	ITU	Station	Locations	kW	Details (<i>programme format in italic</i>)	Coord.	Km.	Azim.
261	0000-2400	BUL	Radio Horizont	Vakarel	75	relay of Parliament Channel Sofia: 0700-1600 (Tu/We/Th), and 0700-1100 (Fr), excl. holidays and August	23E35 42N40	204	207,5
261	0200-2200	RUS	Radio Rossii	Taldom	2500		37E34 56N43	1646	28,5
270	0400-2300	CZE	Ceský rozhlas 1	Topolná	650	Sa/Su 0500-2300; regular maintenance one Thu/month at 2300(We)-1100; <i>music and info</i>	17E31 49N07	767	316,8
279	0000-2400	BLR	Belaruskaye Radio 1	Sasnovy	500	exc. reg. px by Radio Stalitsa (= R. Capital) at 0440-0500 (Mo-Sa) and 1600-1700 daily	28E32 53N25	1051	13,9

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
531	0000-2400	ALG	Alger Chaîne 1	F'kirina Wilaya d'Oum El Bouaghi	600*	Arabic transmissions (*: 0600-1800: 600 kW, 1800-0600: 300 kW)	07E19 35N44	1757	243,2
531	0000-2400	BOT	Radio Botswana	Maun	50	in English and Setswana (National Service)	23E25 20S00	7151	181,4
531		E	Radio Nacional 5	various	10	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su) txs in Berrioplano (a) (Pamplona), Pontevedra Pastoriza (b), CórDoba (c) and EL Naranco (d) (Oviedo) news programmes; (a) 01W42 42N51, (b) 08W43 42N20, (c) 04W47 37N50, (d) 05W52 43N23	05W52 43N23	2442	278,4
531	0000-2400	FAR	Kringvarp Føroya	Akraberg	100	2300-0700 non-stop music; 0800 English weather forecast, English show Soul Nation every Tu 2000-2100	06W46 62N01	2828	325,2
531	0000-2400	IRN	IRIB 1	Hamadan	100*	also provincial programming	48E31 34N47	2286	109,4
531	0400-2310	ISR	Reshet Aleph, Programme A	Tel Aviv	20	Sa from 0500	35E13 31N46	1666	143,2
531	0400-2300	NIG	Ondo State Radio Corporation	Akure	10	in English/Yoruba; 'The Sunshine Station'	05E12 07N15	4534	210,5
531	0000-2400	POL	Twoje Radio Włodawa	Włodawa	0.8	0700-0800 & 1700-1800, other times rebroadcast of national Twoje R. AM	23E33 51N33	811	354,2
531	0000-2400	POL	Twoje Radio Żywiec	Żywiec	0.8	24h: local 0700-0800, 1700-1800, 2300-2400; other times rebroadcast of national Twoje Radio AM	19E11 49N41	731	326,9
531	0000-2400	ROU	Antena Satelor	Urziceni	15		23E21 45N21	160	317,4
531	0300-1200	RUS	Radio Chuvashskoye/Radio Mayak	Cheboksary	30	0300-1200: Radio Cheboksary: Mo-Sa 0310-0400, Tu-Su 0410-0500, daily 0910-1000; Radio Rossii news are aired during the 10 minutes before each local broadcast; At 0500-0600 on Sundays Cheboksary joins the net of regional stations which broadcast the commonly-produced program "Mezhdu Volgoy i Uralom" (Between Volga and the Urals); Radio Mayak: other times	47E14 56N08	2056	42,3
531		SRB	Radio Vranje	Vranje	1	<i>on air?</i>	21E55 42N34	296	231,2
531	0200-2100	TZA	Radio Tanzania	Kunduchi	10	in Swahili	39E11 06S41	5852	161,8
540		E	Onda Cero Radio Cataluña	Barcelona	50	local programmes: 0527-0530, 0555-0559 (Mo-Fr), 0620-0630 (Mo-Fr), 0655-0700 (Mo-Fr), 0720-0730 (Mo-Fr), 0727-0730 (Sa/Su), 0827-0830, 0855-0859 (Mo-Fr), 0857-0900 Sa, 0927-0930, 0955-0959 (Mo-Fr), 0957-1000 Sa, 1025-1029 (Mo-Fr), 1027-1030 (Sa/Su), 1130-1300 (Mo-Fr), 1227-1230 (Sa/Su), 1320-1330 (Mo-Fr), 1400-1500 (Mo-Fr), 1457-1500 (Su), 1527-1530 (Mo-Fr), 1557-1600 (Mo-Fr), 1627-1630 (Mo-Fr), 1657-1700 (Mo-Sa), 1727-1730 (Mo-Fr), 1757-1900 (Mo-Fr), 1850-1853 (Sa/Su), 2030-2032 (Mo-Fr), 2130-2132 (Mo-Fr), 2225-2228 (Su), 2230-2232 (Mo-Fr), 2255-2258 Sa, 2257-2300 (Mo-Fr), 2320-2323 (Sa/Su), 2340-2343	02E16 41N28	1851	268,1
540	0325-2127	HNG	MR1-Kossuth Rádió	Solt	2000	Su from 0425; non-directional 298 meter antenna mast	19E02 46N50	525	304,4
540	0000-2400	IRN	IRIB 1,	Mashhad	100		59E29 36N27	3045	94,5
540	0200-2110	KEN	Kenya Broadcasting Corp.	Voi	100	in Swahili; relay China Radio International: 1400-1430	38E33 03S23	5478	161,7
540	0000-2400	KWT	Main Arabic Programme	Sulaibiyah	600		47E45 29N10	2637	121,9
540	0555-2400	MLI	Radiodiffusion Vision Mali	Kati	50	in French/English and Arabic	08W04 12N45	4692	231,9
540	0000-2400	MRC	RTM	Tanger&Tahadart	300	Arabic transmissions	05E59 35N35	2773	260,2
540	0255-2200	MWI	Malawi Broadcasting Corporation	Mangochi	10	in English/Chichewa	35E15 14S26	6617	168,2
540	0430-2300	NIG	Sokoto State Broadcasting Corp.	Sokoto	50	Px1: 0430-2300 in English and Hausa; Px2: 0500-1700 in English/Hausa	05E14 13N03	3939	214,1
540		SDN	Sudan National Broadc. Corp.	Nyala	50		24E53 12N03	3586	179,7
549	0000-2400	ALG	Alger Chaîne 1	Les Trembles	600*	Arabic transmissions (*: 0600-1800: 600 kW, 1800-0600: 300 kW)	00W35 35N17	2371	253,7
549	0300-1700	ARS	BSKSA 1	Qurayyat	2000		37E21 31N20	1814	138,4

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
549		AZE	Azerbaijani Radio 1	Gence	?		46E21 40N41	1812	95,3
549	0000-2400	D	Deutschlandfunk	Nordkirchen/Thurnau	100	news and political px; parallel 6190 kHz; Thurnau: <i>11E23 49N59</i>	07E32 51N45	1518	309,1
549		GAB	Radiodiffusion Vision Gabonaise 2	Oyem	20	0430-0630, 1030-1430, 1600-2230 in French and ethnic languages (RTG Chaîne 2 in French)	11E35 01N36	4922	199,0
549		IRL	Hot Country-CIMR	Monaghan	25				
549		IRN	IRIB 1	Sirjan	?	also provincial programming	55E40 29N27	3181	110,8
549	0200-2100	KAL	Radio Mayak	Kaliningrad	50		20E28 54N43	1198	346,7
549	1500-2100	KOS	Radio Kosova	Obiliq Pristina	100	in Albanian	21E07 42N43	341	240,1
549	0430-2320	NIG	Kano Broadcasting Corp.	Tukan Tawa	50	in English and Hausa			
549	0300-2200	RUS	Radio Mayak	various	50-600	txs in Novocherkassk (a) (50), Electrostal (75), Syktyvkar (b) (150), and Popovka (600); information, interviews, sports, music; Popovka is off air for maintenance daily at 0400-0500; (a) <i>40E05 47N27</i> , (b) <i>50E31 61N41</i>	50E31 61N41	2557	31,9
549	0500-2300	SVN	Radio Koper	Beli Kriz	>20?	tx power may be higher than 20 kW			
549	2300-0500	SVN	Radio Slovenija 1	Beli Kriz	>20?	exc. Tu 2300-0300; tx power may be higher than 20 kW			
558	0000-2400	ALG	Alger Chaîne 1	Touggourt	5	in Arabic	06E10 35N38	1846	244,9
558		ARS	BSKSA 2	westcoast?					
558	0000-2400	BOT	Radio Botswana	Muchenje	50	in English and Setswana (National Service)	24E39 17S58	6924	180,1
558	0400-2210	CYP	CBC 1	Paphos	10		32E33 34N44	1256	145,2
558		E	Radio Nacional 5	various	10-50	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); txs in Monte Pastoriza (La Coruña - 10), Biribilondo (San Sebastián - 10) and El Palmar (a) (Valencia - 50 kW); news programmes; (a) 00W19 39N17	00W19 39N17	2141	263,6
558	0400-2400	EGY	Educational Programme	Cairo	100		31E22 30N16	1666	157,3
558	0000-2400	G	Spectrum Radio	Crystal Palace	1	Asian programming with rebroadcasts of (Monday): 0000-0200 Irish (Mo) or Arabic (Tu-Sa) or Polish (Su),, 0200-0400 Radio Seagull, 0400-0600 Amrit Vela Radio (Sikh), 0600-0700 Radio Fatima (Muslim), 0700-1000 IBC Tamil, 1000-1500 (exc. Sa) Sout al Khaleej, 1300-1400 (Sa) Irish, 1400-1500 (Sa) Sout al Khaleej, 1500-1600 (Mo-Fr) Tikkun, 1500-1600 (Sa/Su) Scottish, 1600-1800 China Radio, 1800-1900 IBC Tamil, 1900-2100 Arabic, 2100-2200 China Radio International in English, 2200-2300 China Radio International in Chinese, 2300-0000 (Su-Fr) Arabic, 2300-2330 (Sa) KBS Korea, 2330-2400 (Su) Israel Radio	00W05 51N25	2001	302,1
558		IRN	Radio Farhang	Gheslagh	1000		48E25 34N18	2310	110,6
558	0300-2005	KEN	Kenya Broadcasting Corporation	Kapsimotwa	20	Mo-Fr 0300-2005 & Sa 0900-2005 in ethnic languages	35E08 00N03	5027	165,3
558	0255-2210	MWI	Malawi Broadcasting Corp.	Karonga	10	in English/Chichewa	33E56 09S56	6102	168,9
558	0430-2315	NIG	Federal Radio Corp. of Nigeria	Calabar	50	in English and Yoruba	08E19 04N57	4660	204,9
558	0600-2200	ROU	Romania Actualități	Târgu Jiu	400		23E17 45N03	142	306,5
558		SUI	Voice of Russia	Monte Ceneri-Cima di Dentro	200	1100-1300 German, 1600-1800 German, 1800-1900 Italian, 1900-2100 French			
558	0445-2300	SVN	Muravideki Magyar Radio	Nemcavci	15	in Hungarian	15E40 46N32	749	292,5
558	2300-0445	SVN	Radio Slovenija 1	Nemcavci			15E40 46N32	749	292,5
567		AFS	Cape Talk	Vlaeberg	25	Talkradio in English			
567		E	Radio Nacional 5	various	5-25	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); txs in Marbella1 (5) and Torre de Cotillas (2) (Murcia - 25 kW); news pxs; (1) <i>04W46 36N32</i> , (2) <i>01W15 38N02</i>	01W15 38N02	2273	261,2

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
567	0500-2300	I	Rai Radio 1	various	10-20	regional programmes: RAI Emilia - Romagna at 0620-0630 (Mo-Sa), 1110- 1130 (Mo-Sa) RAI Sicilia at 0620- 0655 (Mo- Sa), 1110-1130 (Mo-Sa) and 1145- 1155 (Su); txs in Caltanissetta (a) (20) and Bologna (b) (10 kW); (a) 14E03 37N29 (b) 11E31 44N31	11E31 44N31	1049	275,9
567	0200-2110	KEN	Kenya Broadcasting Corporation	Garissa	50	relay China R. Int.: 1400-1430	39E40 00S27	5094	158,9
567	0430-2305	NIG	Federal Radio Corp. of Nigeria	Alaho	50		03E48 07N10	4601	212,4
567		NIG	Federal Radio Corp. of Nigeria	Gusau	50		06E43 12N09	3967	211,2
567	0430-2305	NIG	Federal Radio Corp. of Nigeria	Owerri	50		07E02 05N29	4649	207,0
567	0000-2400	ROU	România Actualități	various	50	txs in Brasov Bod (a) and Satu Mare (b); (a) 25E36 45N45, (b) 22E51 47N50		178	23,5
567	0000-2400	RUS	Radio Volgograd/Radio Rossii	Volgograd	250	Radio Volgograd: 0350-0400, 0800, 1500; ID "Volgogradskoye Oblastnoye Radio"; other times Radio Rossii	44E28 48N42	1582	65,0
567	0315-0035	SYR	R. of Syrian Arab Republic 1st px	Damascus	1000		36E31 33N37	1562	135,5
576		AFS	Radio Metro	Meyerton	50		28E02 26S33	7886	176,9
576	0000-2400	ALG	Radio Saoura	Béchar	400	also relay Chaîne 1	02W18 31N38	2738	248,3
576		CNR	Radio Nacional	Mesas de Galaz	20	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su)	15W30 28N06	3982	256,8
576	0000-2400	D	SWR Cont. Ra	Baden-Württemberg	100	1700-1800 (Fr) special immigrant programme; relays MDR Info at night; also relay of Landtag Baden-Württemberg; will be switched off end of 2011	09E00 48N40	1296	297,5
576		E	Radio Nacional 5	Palau de Plegamans	100	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su)	02E12 41N23	1860	267,8
576	0000-2400	IRN	IRIB 1/Voice of Rebellious Iraq	Abadan	600	IRIB 1: 0030-0830 and 1030-2230; VO rebellious Iraq: 0830-1030 and 2230-0030	48E18 30N20	2583	119,0
576	0430-2305	NIG	Federal Radio Corp. of Nigeria	Moniya	25	in English and Yoruba	03E54 07N31	4561	212,5
576		OMA	Radio Oman	Haima	100		56E15 19N58	3971	122,7
576	0000-2400	POR	Rádio Sim (R.Renascença group)	Braga	10		08W10 41N37	2676	275,2
576		SDN	Khartoum State Radio	Khartoum	100	0300-0600 & 1500-1700	32E32 15N36	3275	164,6
576	0300-0600	SDN	Sudan National Broadc. Corp.	Omdurman	100	General Program	32E29 15N38	3270	164,7
576		UGA	Radio Uganda Blue Network	Mawagga	100	Mo-Fr 0300-1200 & 1300-2105, Sa/Su 0345-2105 in English and ethnic languages			
582	0000-2400	IRN	IRIB 1	Tehran area	100		51E29 35N39	2460	103,8
585	0300-2300	ARS	General Arabic Programme	Riyadh	1200	1500-1700 Call of Islam	46E52 24N49	2948	130,0
585	0000-2400	CVA	Vatican Radio	Vatican City State	5	0540-0600 French, 0600-0620 English, 0620-0630 Italian, 0630-0700 Latin, Mo-Fr 0700-0710 Italian+French+ English, Su 0830-1100 Italian, We 1100-1115 Papal Audience, Su 1100-1115 Liturgy, Su 1115-? Italian, Su 1300-1400 Italian, Mo/Tu/We/Th/Sa 1530-1600 Music, Fr 1530-1600 Italian, Su 1530-1600 Polish, Mo-Fr 1600-1630 Vesper, 1630-1700 Italian, 1700-1730 French+English, 1940-2000 Rosary, 2000-2020 Italian, Su 2020-2030 Esperanto, 2030-2050 French, 2050-2110 English, 2110-2130 Spanish, 2200-2310 Italian, 2310-0500 Music	12E19 42N09	1033	260,9
585		E	Radio Nacional	Majadahonda (Madrid)	600	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su)	03W52 40N29	2374	269,7
585		G	BBC Radio Scotland	Dumfries	2	also relay of BBC World Service and local news for SW Scotland at 0655, 0755, 1255, 1655	03W36 55N04	2340	310,8
585	0000-2400	IRN	Radio Quran	Tehran	?		51E15 35N36	2445	104,2
585	0430-2300	NIG	FRCN Enugu National Station	Abakaliki	50	in English and Igbo	08E06 06N20	4521	205,9
585	0000-2200	RUS	Radio Rossii	Perm	150	also local programmes	56E14 58N00	2635	43,5
585	0400-2400	TUN	RTT	Gafsa	350	in Arabic	08E48 34N25	1751	236,6
585	0900-2100	TZA	Sauti Ya Tanzania Zanzibar	Chumbum	10	in Swahili		5795	161,6

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
594	0700-1500	HRV	DRM Hrvatski R. 1/Glas Hrvatske	Deanovec	10	<i>currently inactive - transmitter to be moved to new location</i>	16E28 45N42	668	286,4
594	0300-1700	ARS	BSKSA 1	Doba	2000		35E35 27N26	2111	149,1
594		ETH	Radio Ethiopia	Bahir Dar	100	0300-0600 (Mo-Fr), 0800-2200 (Mo-Fr), 0400-2000 (Sa/Su); in English: 1030-1100 (Mo-Fr)	37E23 11N36	3832	157,7
594	0000-2400	IRN	IRIB 1	various	10/100	also local programmes; txs in Shiraz (10) and Zahedan (100 kW)	60E52 29N30	3571	105,1
594	0400-1500	IRQ	People's Al-Nas Radio	Baghdad	5	ID: 'Huna Radio Al-Nas'	44E24 33N19	2088	119,1
594	0000-2400	MNE	Radio Crne Gore/Radio Nikšić	Klicevo	10	Radio Nikšić: 0450-2200 - off air but plans to return	18E58 42N45	496	251,7
594		MRC	RTM 1&2	Oujda	50	<i>is reported drifting to 595 kHz</i>	01W54 34N40	2509	253,9
594	0255-2210	MWI	Malawi Broadcasting Corp.	Lilongwe	25	in English and Chichewa	33E46 14S00	6547	169,7
594	0400-2305	NIG	FRCN Kaduna National Station	Jaji	100	in Hausa; //6090-7275 kHz	07E34 10N49	4071	209,1
594	0000-2400	POR	Rádio Sim (R.Renasença group)	Muge	60-80	tx: 2x10 kW reserve units (Harris), often with just one tx being used	08W42 38N05	2860	267,7
594		RUS	Radio Mayak	Vladikavkaz	25	local programmes in Russian: 0430-0500, 0525-0600 (Tu-Su), 0545-0600 (Mo), 0545-1100 (Sa), 0800-0900 (Su), 1000-1100 (Su), 1300-1400 (We), 1500-1540 (Mo-Fr); also relay of Kavkaz Radio at 0500-0600 and 1500-1610	44E40 43N02	1606	88,1
594	0200-2400	RUS	Radio Rossii	Izhevsk	40		53E13 56N50	2419	44,7
594	0000-2400	SVN	Radio Odmev/Primorski Val	Cerkno	0.6	Radio Odmev: 1500-1900; Primorski Val: 1900-1500	13E59 46N07	865	287,3
594		SYR	Radio Voice of the People	?	?	heard with talks against Israel; ID "Idha'at Sawt al Sha'ab min Dimashq"			
603	0000-2400	CYP	CBC 3	Nicosia	100	Greek transmissions	33E18 35N03	1262	141,7
603		E	Radio Nacional 5	various	10/50	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); via Monte Viejo: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711); txs in Monte Viejo (a) (Palencia) and La Corchuela (b) (Sevilla) news programmes; (a) 04W33 42N01, (b) 06W00 37N20	06W00 37N20	2682	263,9
603	0300-2400	EGY	Egyptian Radio	Barnis	100		30E37 24N40	2247	164,4
603	0000-2400	F	France Info	Tramoyes (Lyon)	300		04E57 45N53	1559	283,4
603	-2100	G	BBC Radio 4	Newcastle-upon-Tyne	2	<i>news, documentaries, drama, entertainment, cricket</i>	01W34 54N56	2213	311,6
603	0000-2400	G	Gold	Littlebourne	0.1	Local ID: "Kent Gold"; <i>Great time music station hits from the 60s, 70s and 80s, sport, local and national news</i>	01E09 51N17	2070	301,2
603	0555-2300	GUI	Radiodiffusion Vision Guienne	Kankan	25	in French and ethnic languages	09W32 09N21	5094	230,8
603		IRN	Radio Quran	Zahedan	?		60E52 29N29	3572	105,1
603	0000-2400	IRQ	Republic of Iraq Radio	So. Iraq	?	English: 2315-0130; ID: 'Idha'at Jumhuriyah al-Iraq min Baghdad'			
603	0400-2305	NIG	Borno R. TV Corporation	Maiduguri	10		13E09 11N51	3774	200,6
603	0000-2400	ROU	România Actualităţi	various	14/50	txs in Turnu Severin (14), Oradea (50) and Botoshani (30 kW); (a) 22E42 44N36	22E42 44N36	165	282,4
603	0600-2200	ROU	Radio Antena Satelor	Bucureşti			26E06 44N28	110	79,8
603		ROU	Radio Oltenia Craiova	Dolj	?				
603	0200-2100	TZA	Radio Tanzania	Dodoma	10/1000	in Swahili	36E21 07S17	5853	165,4
612	0000-2400	BHR	Radio Bahrain	Bahrain	100		50E37 26N02	6896	280,1
612		BIH	BH Radio 1	Donje Moštre	600	inactive; transmitter being repaired	18E08 44N01	527	268,9
612		E	Radio Nacional	various	10	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); txs in Berrostequieta (a) (Vitoria) and Alcoletge (b) (Lérida); (a) 02W42 42N49, (b) 00E39 41N35	00E39 41N35	1976	269,6
612		IRN	VOIRI	Qasr-e-Shirin	200/400	0330-0530 in Kurdish, 0530-1127 in Arabic	45E37 34N27	2094	114,4
612		IRQ	All of Iraq Radio (Kull al-Iraq)	Nasiriyah	0.5	also heard on 610 kHz	46E16 31N03	2388	120,8
612	0000-2400	JOR	Radio Jordan	Amman	200	in Arabic	35E53 31N54	1686	141,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
612	0200-2110	KEN	Kenya Broadcasting Corp.	Ngong	100	in Swahili; relay China Radio Int'l 1400-1430	36E39 01S22	5214	163,6
612	0340-2300	LTU	Radio Baltic Waves	Vilnius-Viršuliškes	100	0400-0600 Radio Free Europe/Radio Liberty in Belarussian, 1300-1600 Golos Rossii in Russian, 1600-2200 Radio Free Europe/Radio Liberty in Belarussian, 2200-2300 Polish Radio in Belarussian; ID in Lithuanian: "Cia Baltijos bangu radijas iš Vilniau"; in Belarussian: "Radyo Baltyiskiye hvali"; "Havorits Radyo Svaboda"; non-directional antenna	23E14 54N42	1161	355,2
612	0300-2100	MDA	Voice of Russia	Grogoriopol	500	0300-0700 RIR Russian, 0700-1700 Russian (Sodruzhestvo), 1800-2100 Russian (Sodruzhestvo)			
612	0500-0100	MRC	RTM	Sebaâ-Aioun	300	1300-1800 relay of Meknès regional radio	38E40 53N26	1434	40,0
612	0400-2305	NIG	Kwara State Broadcasting Corp.	Ilorin	50	in English and Yoruba	05E18 06N48	4577	210,1
612	0300-2200	RUS	Radio Mayak	Pedaselga	150		34E20 61N48	2044	14,5
612		RUS	Voice of Russia/Narodnoye Radio /Radio Kala Aturaya/Islamskaya Volna/Radio Alef/Radio Radonezh /Yevangelskiye Chteniya/Kanal Blagoveshnie	Kurkino	20	Narodnoye Radio: 0400-1600; Voice of Russia: 2000-2100 Russian, 2200-2300 "Sodrutshestvo" service (means "commonwealth"); Radio Kala Aturaya: Sa 1600-1700 in Russian the name is Golos Assirii, pxs in Assyrian, Russian and English; Yevangelskiye Chteniya: 1600-1700 (Mo/Tu), 2100-2200; Kanal Blagoveshnie ('Annunciation'): 1600-1700 (Th/Su); Islamskaya Volna: We1600-1700; Radio Alef: Th 1700-1800; Radio Radonezh: 1700-2000	37E24 55N54	1570	30,3
612	1600-0035	SYR	R. of Syrian Arab Republic 1st px	Homservice	300	drift up to 617 kHz	36E42 34N47	1471	131,9
621	0400-1100	ALB	RTVSH 1	Korçë	25		20E48 40N36	523	219,5
621	0400-2215	BEL	RTBFI	Waver-Overijse	300	Sa -2400	04E35 50N45	1667	302,6
621	0000-2400	BOT	Radio Botswana	Selebi Phikwe	100		25E30 24S25	7642	179,3
621		CNR	Radio Nacional	Tenerife	100	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su)	15W27 28N04	3981	256,7
621		E	Radio Nacional	various	10	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); txs in Camino Tornadizos (Avila), Palma de Mallorca, and Jaén (a); (a) 03W47 37N47	03W47 37N47	2485	263,0
621	0000-2400	EGY	Voice of the Arabs	Batrah	1000	ID: "Sawt al-arab min al-qahira"; // 9855-11665-11720 kHz	31E26 31N10	1573	155,9
621	0000-2400	IRN	IRIB 1	Birjand	10		59E14 32N52	3227	101,3
621	2300-1700	MDA	Voice of Russia	Grigoriopol	150	in Russian			
621	0500-2300	NIG	Anambra Broadcasting Service	Awaka	20	in English and Igbo	07E04 05N28	4649	206,9
621	0430-2300	NIG	Enugu State Broadcasting Service	Enugu	10	in English and Igbo	07E29 06N27	4531	206,8
621	0200-2400	RUS	Radio Rossii	various	50	0200-2400, also local px; txs in Makhachkala (a) and Syktyvkar (b) via Syktyvkar also GTMK Komi gor: 0310-0400(Mo-Fr) in Komi and Russian; (a) 47E30 42N59, (b) 50E31 61N41	47E30 42N59	1832	86,6
621	0200-2100	TZA	Radio Tanzania	Mbeya		in Swahili	33E29 08S18	5915	169,2
630	0500-2300	D	Voice of Russia/Russian Int. Radio	Braunschweig-Cremlingen	100	0500-2300: 05:00-23:00: 0500-0600 VoR Russian, 0600-0900 IRR Russian, 0900-1000 VoR Russian, 1000-1300 German, 1300-1600 VoR Russian, 1600-1800 German, 1800-1900 VoR Russian, 1900-2000 German, 2000-2300 VoR Russian	13E24 52N48	1258	322,7
630		G	BBC Radio Cornwall	Lanner Redruth	2	local programmes: 0600-2400 but as of 1900 shared programmes with other BBC stations (e.g. Devon, Sommerset, Bristol, ...); overnight relay of BBC Radio 5 Live	05W13 50N13	2336	297,0
630	1905-0100	G	BBC Three Counties Radio/BBC Asian Network	Luton	0.2	own Asian programmes: 1905-2100 (Mo-Fr); BBC Asian Network: Mo-Fr 2100-0100	00W24 51N51	2034	303,3
630	0000-2400	KWT	Holy Quran Programme	Kuwait City	10		29E57 31N13	1525	160,8
630	1500-1900	MDG	Radio Television Malagasy	Antananarivo	150	Sa/Su -2100	49E43 13S22	6893	152,3
630	0450-2310	NIG	Rivers State Broadcasting Corp.	Port Harcourt	50	in English, Ikwere and Kalaabari	07E00 04N47	4723	206,7

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
630	0000-2400	NOR	NRK 1/NRK 2/NRK Møre og Romsdal	Vigra	100	Regional px from NRK Møre og Romsdal: Mon-Fri 0503-0530, 0540-0600, 0603-0630, 0640-0650, 0654-0700, 0705-0718, 0725-0730, 0737-0800, 0803-0805, 0903-0905, 1003-1100, 1103-1130, 1203-1205, 1303-1305, 1403-1405, 1503-1530, 1533-1600, 1603-1630, 1703-1705, Sat. 0705-0707, 0803-0805, 0903-0905, 1003-1008, 1103-1108; National Programme 1: Mon-Fri 0000-0503, 0530-0540, 0600-0603, 0630-0640, 0650-0654, 0700-0705, 0718-0725, 0730-0737, 0800-0803, 0805-0903, 0905-1003, 1100-1103, 1130-1203, 1205-1303, 1305-1350, 1400-1403, 1405-1503, 1530-1533, 1600-1603, 1700-1703, 1825-1900, 1951-2105, 2115-2400, Sat. 0000-0630, 0700-0705, 0707-0803, 0805-0903, 0905-1003, 1230-1350, 1700-2105, 2115-2400, Sun 0000-0703, 0800-1002, 1100-1203, 1300-1350, 1400-1530, 1600-1903, 2000-2105, 2115-2400; National Programme 2: Mon-Fri 1630-1650, 1705-1800, Sat 0630-0700, 1003-1103, 1110-1230, 1400-1700, Sun 0703-0800, 1002-1100, 1203-1300, 1530-1600, 1903-2000; Special weather forecast: Mon-Fri 1350-1400, 1650-1700, 2105-2115; Sat 1103-1110, 1350-1400, 2105-2115; Sun 1350-1400, 2105-2115 will be closed down on 30 June 2011	06E03 62N32	2356	335,9
630	0000-2400	POR	Antena 1	various	10	txs in Chaves (a), Miranda do Douro (b), Montemor-o-Velho (c); (a) 07W25 41N45, (b) 06W16 41N29, (c) 08W38 40N12		2764	272,2
630	0000-2400	ROU	Antena Satelor	Voinești	50		25E16 45N03	93	26,6
630	0400-0355	ROU	Radio Timisoara	Ortisoara	400	0400-1100 Romanian, 1100-1200 German, 1200-1300 Hungarian, 1300-1400 Serbian, 1400-2000 Romanian (Mo-Sa), 1400-1430 (Su) Bulgarian, 1430-1500 (Su) Czech, 1500-1600 (Su) Slovak, 1600-1630 (Su) Ukrainian, 1630-1700 (Su) Romani, 17.00-20.00 (Su) Romanian; 2000-0355 relay of Radio Romania Actualități	21E13 45N58	332	305,1
630	0000-2400	TUN	RTT	Tunis-Djedeida	600	irregular in Tunesian	09E50 36N50	1504	241,6
630	0700-1600	TUR	TRT Çukurova Radio	Cukurova-Adana	300		34E44 36N49	1184	131,2
638	0430-2330	NIG	Kaduna State Media Corporation	Kaduna	25	in English and Hausa	07E26 10N31	4107	209,1
639	0200-2300	CYP	BBC World Service	Zakaki	500	0300-0330 English, 0330-2300 Arabic; Azimuth: 180 degrees; Same hour in Summer!	33E01 34N37	1289	143,8
639	0300-2300	CZE	Ceský rozhlas 2/6	Liblice / Svinov	30/ 1500	Mo-Fr; Sa/Su 0400-2300; CR6: 1700-2300; txs in Svinov (1) (30) and Liblice (2) (1500 kW); <i>family format; (1) 18E10 49N48, (2) 14E53 50N04</i>	14E53 50N04	981	314,3
639		E	Radio Nacional	various	10-300	Regional programmes: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su) txs in El Palo (a) (Albacete - 10), Roquetas del mar (b) (Almería - 20), Ganguren (c) (Bilbao - 50), C. Torrero (d) (Zaragoza - 50) and Mesondo Bento (e) (La Coruña - 300 kW); (a) 01W55 38N54, (b) 02W38 36N43, (c) 02W54 43N16, (d) 00W53 41N37, (e) 08W24 43N20	08W24 43N20	2643	279,4
639		IRN	IRIB 1	Bonab	400	also relay of VOIRI (0330-0530 Kurdish), 1830-1930 Turkish	46E03 37N20	1947	106,1
639	0200-2110	KEN	Kenya Broadcasting Corp.	Garissa	50	relay China Radio International: 1400-1430	39E40 00S27	5191	159,3
639		LSO	Lesotho National Broadc. Service	?	?				
639		MKD	Radio Štip	Štip	?		22E10 41N38	363	216,0
639		SDN	Sudan Nat. Broadcasting Corp.	Al Ubayyid	10		30E13 13N09	3503	169,7
639		UGA	Radio Uganda Blue Network	Kampala	50	Mo-Fr 0300-1200 & 1300-2105, Sa/Su 0345-2105; in English and ethnic languages	32E25 00N19	4950	169,0
648	0400-2300	ALB	RTVSH 1	Kukës	50	// 6100 kHz	20E23 42N09	426	237,4
648		ALG	Radio Alger Chaîne 3	?	?	French broadcasts			
648		ARS	General Arabic Programme	Jeddah	2000	0300-1500 and 1700-2300, relay of Call of Islam at 1500-1700		2858	147,7
648	0000-2400	BOT	Radio Botswana "Radio Orapa"	Mopipi	50		24E47 21S17	7293	179,9
648		E	Radio Nacional	Granja Escuela (Badajoz)	10	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su)	06W55 38N53	2682	268,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
648	0000-2400	G	BBC World Service	Orfordness	500	in English; antenna at 130 degrees (max. beam towards LUX); BBC will leave the frequency on 27 March 2011	01E35 52N06	1912	305,2
648		GMB	Gambia R. Television	Bonto	50	Mo-Th 0555-1400 & 1655-2400, Fri-Su 0555-2400; all in Mandinko, Waloff and English	16W33 13N17	5210	241,7
648		IRN	IRIB 1	Isfahan	?		51E40 32N40	2660	109,9
648	1000-0330	LBY	Voice of Africa	Tobruk	300	in Arabic	23E55 32N03	1364	183,3
648	0500-2300	SRB	Radio Lazarevac	Lazarevac	1	<i>on air?</i>	20E15 44N23	357	273,1
648	2300-0100	SRB	Radio Free Europe	Lazarevac	1	<i>on air?</i>	20E15 44N23	357	273,1
648	0000-2400	SVN	Radio Murski Val	Nemcavci	10		16E10 46N41	718	294,7
648	0200-2100	TZA	Radio Tanzania	Nachingwea	100/10		38E46 10S22	6241	163,3
657		AFS	Radio Pulpit	Meyerton	50	in English & Afrikaans; <i>religious programmes</i>	28E02 26S33	7886	176,9
657		E	Radio Nacional 5	Majadahonda	20	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); news programmes	03W52 40N29	2374	269,7
657	0000-2400	G	BBC Radio Cornwall	Bodmin	0.5	0600-???? local programmes, ????-0600 BBC Radio 5	04W41 50N29	2301	297,8
657	0000-2400	G	BBC Radio Wales	Wrexham	2	also BBC World Service relays	03W01 53N02	2239	305,6
657	0500-2300	I	Rai Radio 1	various	25-120	24h via Napoli with 2300-0500 Notturmo Italiano) txs in Bolzano (25), Pisa-Coltano (a) (2x55), and Napoli (b) (120 kW - poss. only 50 kW); regional programmes at 0620-0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140-1150 (Su): RAI Alto Adige (via Bolzano), RAI Campania (via Napoli), RAI Toscana (via Pisa-Coltano); via Bolzano only: 1745 local programme with ID "Giornale Radio del Trentino Alto Adige"; (a) 10E25 43N38, (b) 14E19 41N00	14E19 41N00	927	250,3
657		IRN	IRIB 1	Rasht	?		49E35 37N17	2222	101,9
657	0000-2400	ISR	Reshet Bet Programme B	Tel Aviv	200	Fr 0500-2310	34E50 31N50	1641	144,2
657	0430-2305	NIG	Federal Radio Corp. of Nigeria	Ibadan	100	in English and Yoruba	03E56 07N24	4572	212,4
657		RUS	Kavkaz Radio	Grozny	50	1500-1600 and 1800-1900	45E41 43N19	1680	86,4
657	0200-0000	RUS	Radio Rossii/Radio Murmansk	Murmansk	150	Radio Murmansk: 0800-0810, 0910-1010, 1510-1600, 1610-1700	32E46 68N48	2763	6,9
657	0200-2100	TZA	Radio Tanzania	Kunduchi	50	in Swahili	39E12 06S42	5854	161,8
657	1700-2300	UKR	Radio Ukraine Int./UR-3 Radio Kultura	Chernivtsi	25	UR-3: 1700-1800, 1830-2030, 2100-2200, 2230-2300; Radio Ukraine Int. in Romanian: 1800-1830, 2030-2100, 2200-2230	25E55 48N20	458	11,0
666	0300-2300	RUS	DRM Vesti FM	Sochi	3	<i>omnidirectional T-antenna (intended range: 28 km) - 64 QAM 23540 bps</i>			
666	0800-1600	ALG	Alger Chaîne 1	Tindouf	5	2230 Spanish, 2235 French	08W09 27N40	3454	248,7
666		D	SWR Cont.Ra	Rohrdorf	100	Mo-Fr 0400-2200, Sa/Su 0600-2200, 2200 relay of MDR Info night programme; also relay of Landtag Baden-Württemberg; will be switched off end of 2011	09E07 48N01	1269	294,5

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
666		E	SER Radio Barcelona	Sant Boi de Llobregat	50	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	02E03 41N19	1874	267,7
666		G	BBC Radio York	Fulford	0.5	0530-???? local px, ???-0530 BBC Radio 5 Live; in weekends local programmes start from 0600	01W05 53N56	2145	309,1
666	0555-2000	GRC	ERA 5 Filia	Athinai	15	Mo-Fr: 0500-0600 Albanian, 0600-0700 BBC English, 0700-0800 RFI French, 0800-0900 Spanish, 0900-0930 German, 0930-1000 Russian, 1300-1330 Romanian, 1330-1400 Turkish, 1400-1430 BBC Arabic, 1430-1500 Serbo-Croatian, 1500-1530 Bulgarian, 1530-1600 Polish; Sa/Su: 0500-0530 Albanian, 0530-0600 English, 0600-0630 French, 0630-0700 Spanish, 0700-0730 German, 0730-0800 Russian, 1100-1130 Romanian, 1130-1200 Turkish, 1200-1230 Arabic, 1230-1300 Serbo-Croatian, 1300-1330 Bulgarian, 1330-1400 Polish ID in EN: 'Cosmosninety three point six'	23E44 37N57	711	187,1
666		IRN	IRIB 1	?	?				
666	0300-1800	LTU	Lietuvos Radijas 1	Sitkunai	500	1430-1500 Russian	23E49 55N02	1195	357,2
666	1800-2000	LTU	Radio Baltic Waves	Sitkunai	500		23E49 55N02	1195	357,2
666	0400-2305	NIG	Edo Broadcasting Services	Benin	50		05E37 06N19	4615	209,4
666	0000-2400	POR	Antena 1	various	1-10	txs in Bragança (a) (2kW), Covilhã (b) (10kW), Valença (c) (10kW), Vila Real (d) (10kW), Viseu (e) (10kW) and Castanheira do Ribatejo-Lisboa (f) (10 kW) (a) 06W45 41N48, (b) 07W30 40N15, (c) 08W39 42N01, (d) 07W34 41N16, (e) 07W55 40N39, (f) 08W57 38N59		2701	276,4
666	0100-1900	REU	Radiodiffusion Vision Réunion	St.Pierre	20	Sa -2000 in French	55E28 21S19	7938	149,8
666		SDN	Sudan Nat. Broadcasting Corp.	Kassala	5		36E22 15N27	3390	157,5
666	0400-1600	SYR	R. of Syrian Arab Republic 2nd px	Sabbura	600	0400-1600 and classical and foreign music 1900-2100	36E31 33N37	1562	135,5
675		HOL	Radio Maria	Lopik	60	<i>religious programmes</i>	05E03 52N01	1686	307,6
675	0230-0430	IRN	Radio Nejat/Vo Rebellious Iraq		?	Radio Nejat: 0230-0430 & 1230-1430; VO Rebellious Iraq: 1430-			
675	0000-2400	IRQ	Republic of Iraq Radio	Baghdad	?	English: 0500-1510; ID: 'Idha'at Jumhuriyah al-Iraq min Baghdad'	44E23 33N15	2091	119,3
675	0200-2110	KEN	Kenya Broadcasting Corp.	Marsabit	50	relay China R. Int.: 1400-1430	38E00 02N19	4847	160,6
675	0530-2350	LBY	Sawt Libya al Hurra - VO Free Libya	Benghazi	100		20E04 32N04	1420	198,2
675	0255-2200	MWI	Malawi Broadcasting Corp.	Ekwendeni	50	in English/Chichewa	33E53 11S23	6261	169,2
675	0400-2200	NIG	Broadcasting Corp. of Oyo State	Ojeowode	25	in English and Yoruba			

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
675	0000-2400	NOR	NRK 1/NRK 2/NRK Nordland	Røst	20	Regional px from NRK Nordland: Mon-Fri 0503-0530, 0540-0600, 0603-0630, 0640-0650, 0654-0700, 0705-0718, 0725-0730, 0737-0800, 0803-0805, 0903-0905, 1103-1106, 1203-1205, 1303-1305, 1403-1405, 1503-1530, 1533-1600, 1603-1630, 1703-1705, Sat. 0705-0707, 0803-0805, 0903-0905, 1003-1008, 1103-1108; " Nordafør " (shared prgr with NRK Finnmark, Troms and Nordland - //153, 657, 1485 kHz): Mon-Fri 1003-1100, 1106-1130; National Programme 1: Mon-Fri 0000-0503, 0530-0540, 0600-0603, 0630-0640, 0650-0654, 0700-0705, 0718-0725, 0730-0737, 0800-0803, 0805-0903, 0905-1003, 1100-1103, 1130-1203, 1205-1303, 1305-1350, 1400-1403, 1405-1503, 1530-1533, 1600-1603, 1700-1703, 1825-1900, 1951-2105, 2115-2400, Sat. 0000-0630, 0700-0705, 0707-0803, 0805-0903, 0905-1003, 1230-1350, 1700-2105, 2115-2400, Sun 0000-0703, 0800-1002, 1100-1203, 1300-1350, 1400-1530, 1600-1903, 2000-2105, 2115-2400; National Programme 2: Mon-Fri 1630-1650, 1705-1800, Sat 0630-0700, 1003-1103, 1110-1230, 1400-1700, Sun 0703-0800, 1002-1100, 1203-1300, 1530-1600, 1903-2000; Special weather forecast: Mon-Fri 1350-1400, 1650-1700, 2105-2115; Sat 1103-1110, 1350-1400, 2105-2115; Sun 1350-1400. 2105-2115: will be closed down on 31/12/2012 // 9570 kHz	12E06 67N31	2687	348,2
675	0245-2130	QAT	QRTC Arabic	Al Khaisah	50				
675	0000-2400	SRB	Radio Beograd 1	Bosilegrad	10*	*7 kW at night	22E29 42N30	270	223,0
684	0000-2400	ALG	Alger Chaîne 1	Reggane	5		00E11 26N44	2962	237,1
684	0600-0100	ALG	Alger Chaîne 2	Ain-El-Hammam	5		01E56 36N34	2104	253,7
684		E	Radio Nacional	Dos Hermanas (Sevilla)	300*	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); *: tx capability: 600 kW but day and night: 300kW	05W56 37N13	2683	263,6
684		ETH	Radio Ethiopia	Metu		Mo-Fr 0300-0600, 0800-2000; Sa/Su 0400-2000; in English: Mo-Fr 1030-1100	35E35 08N18	4138	162,1
684		IRN	IRIB 1	Mashhad	10	also relay of VOIRI and provincial programming	59E29 36N27	3045	94,5
684	0000-2400	MAU	Radio Maurice	Malherbes	10		57E31 20S19	7921	147,6
684	0500-2300	NIG	Yobe Broadcasting Corp.	Damaturu	20		11E58 11N45	3820	202,5
684	1700-2100	RUS	Radio Radonezh	Sankt-Petersburg-Olgino	10		30E08 60N00	1783	9,8
684	0000-2400	SRB	Radio Beograd 1	Bobovište	10		21E39 43N34	260	252,8
684	0400-2400	TUN	RTT	Mednine	10		10E32 33N22	1725	230,0
690		LBY	Radio Jamahiriyah	?	?	// 675, 1449 kHz			
693		I	DRM - Rai Radio 2	<i>Milano Siziano</i>	30				
693	0400-1100	ALB	RTVSH 1	Shkodër	50	0400-1100 & 1800-2300: 1930-2100 VOA, Vatican R. and Deutsche Welle in Albanian /drifting frequency (heard on 690.6 kHz);	19E30 42N06	490	241,8
693	0400-2400	ALG	Alger Chaîne 2	Reggane	5	in Tamazight	00E10 26N42	2941	236,5
693	0000-2400	AZR	RDP Açores/Antena 1	Sta Barbara-Terceira	10	regional progs Su 0600-2400, Mo-Sa 0530-2400, other times relays Antena 1 from Lisboa; sometimes off-frequency	27W19 38N43	4305	280,4
693	0000-2400	BOT	Radio Botswana	Shakawe	25		27E07 23S09	7504	177,6
693	0400-2210	CYP	CBC 1	Limassol	1		32E56 34N42	1092	137,9
693	0500-2300	D	Voice of Russia	Hennigsdorf		0500-0600 WS Russian, 0600-0900 IRR Russian, 0900-1000 WS Russian, 1000-1300 German, 1300-1600 WS Russian, 1600-1800 German, 1800-1900 Polish, 1900-2000 German, 2000-2300 WS Russian	13E13 52N38	1254	321,7
693		E	Radio Nacional	various	5	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); txs in Santa Bárbara (1) (Tortosa), Boal (Asturias) and San Bernardo (2) (Toledo); (1) 00E31 40N49, (2) 04W01 39N52	00E31 40N49	2013	267,4

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
693	0000-2400	G	BBC Radio 5 Live	various	1-150	txs in Barrow-in-Furness (a) (1), Bexhill-on-Sea (b) (1), Southwick (c) (1), Enniskillen (d) (1), Folkestone (e) (1), Redmoss (f) (1), Postwick (g) (10), Burghead (h) (25), Stagshaw (i) (50), Start Point (j) (50) and Droitwich (k) (150 kW) <i>(a) 03W12 54N08, (b) 00E27 50N50, (c) 00W15 50N50, (d) 07W39 54N22, (e) 01E13 51N06, (f) 02W05 57N07, (g) 01E24 52N38, (h) 03W28 57N42, (i) 02W01 55N02, (j) 03W40 50N14, (k) 02W06 52N18</i>	02W06 52N18	2159	303,9
693	0500-2300	I	Rai Radio 1	Potenza	20	regional px at 0620- 0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su): RAI Basilicata	15E49 40N36	839	243,7
693	0500-2300	NIG	Kogi Broadcasting Corporation	Ochaja	10				
693	0000-2200	RUS	Radio Rossii	Yazykovo	150		55E57 54N43	2506	51,4
693		SDN	Southern Sudan Radio	Juba	?				
693	0330-0600	SOM	Radio Hargeisa	Hargeisa	?	0330-0600, 0900-1200, 1500-2000 in Somali; //7530 kHz			
693	0000-2400	SRB	Radio Beograd 1	Negotin	5/10		22E33 44N13	174	267,7
700	0700-0800	ALG	RN Dem. Sahara Reb	Rabuni	?	0800-1300 and 1700-2300 Arabic, 2300-2330 Spanish; also heard on 1550 kHz; ID as "al-idha'at al-wataniyah li al-jumhuriyah al-arabiyahal-sahrawiyah al-dimuqratiyah"; SW parallel: 6297.17 kHz	08W07 27N33	3460	248,5
702	0000-2400	AGL	R. Nacional de Angola	Mulenvos	10		13W14 08S48	6017	194,1
702		ALG	RTA Chaine 1	Djelfa?	25?				
702	2300-2200	ARM	Radio Mayak	Yerevan	150	<i>information, interviews, sports, music</i>	44E30 40N11	1686	98,9
702		ARS	BSKSA 2	Doba	100			2111	149,1
702		D	NDR Info	Flensburg	7.5	relays: Hamburger Hafenkonzert Sun 0500-0700, Funkhaus Europa 1500-1700 (Mo-Fr), BBC WS (Europe Today) 1700-1730, France Info 1730-1800, Italian 1800-1830, Turkish 1830-1900, Bosnian/Croatian/ Serbian 1900-1930, sea weather report and navigational warnings at 0730-0745, 2105-2120 and 2305-2320	09E27 54N47	1598	322,2
702	0200-2200	EGY	South Upper Egypt Radio	Asswan	10		32E54 24N05	2367	159,1
702	0400-2200	EGY	Youth & Sports Radio	El Kharga	10		30E33 25N26	2163	164,0
702	0000-2400	IRN	VOIRI	Rasht	800	0330-0527 Azeri, 1030-1130 English, 1345-1400 Kazakh, 1400-1500 Russian, 1500-1700 Azeri, 1700-1800 Georgian, 1800-1830 Swahili, 1830-1930 Turkish, 1930-2030 Russian	49E35 37N17	2222	101,9
702	0200-2110	KEN	Kenya Broadcasting Corp.	Marania	100	in Swahili; relay China Radio Int.: 1400-1430			
702		MCO	RMC-Info	Le Col de la Madonne	40	occasional use by other broadcasters such as China Radio Int!: 0800-1300 French, 1300-1500 Chinese, 1500-1800 Italian, 1800-2300 French; hourly identification in French	07E25 43N47	1383	273,7
702	0600-0100	MRC	RTM B	Sebaâ-Aioun	140		05W23 33N54	2824	256,2
702	0500-2300	NIG	Taraba State Broadc. Services	Wukari	25		09E47 07N51	4304	204,1
702	1500-2100	OMA	BBC World Service	A'Seela	800	transmissions in Arabic; same hour in Summer! ; azimuth: 315°	55E27 21N57	3750	121,4
702	0000-2400	SVK	Radio Patria	Košice - Čizatice	5	0500-1700 minority program in Hungarian, 1700-0500 Rádio Devín	21E15 48N43	559	332,8
702	0500-2200v	SYR	Al Quds Radio	Southern Syria	?	station is opposed to the Palestinian National Authority PNA and to peace with Israel			
702	0400-0800	TUR	TRT-1	Catalca	150		28E30 41N11	463	137,1
711	0000-2400	D	DRM - SWR Cont.Ra	Heilbronn	5	<i>will be switched off end of 2011</i>	09E12 49N12	1300	300,3

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
711		E	COPE Radio Murcia	Murcia	10	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	01W07 37N59	2265	260,9
711	0000-2400	EGY	Youth & Sports Radio	Cairo	100		31E22 30N16	1666	157,3
711	0000-2400	F	France Info	Rennes-Thourie	300	programmes in Breton language on Saturdays 1100-1300v	47N51 01W30	2051	290,4
711		IRN	Ahwaz Radio	Ahwaz	?				
711		LBY	Voice of Africa/Voice of Mediterranean	Sebbha	50	VO Africa: 1000-0330; VO Mediterranean: 0600-0700 (Su) English, 0700-0800 (Mo-Th+Sa) Arabic, 0600-0800 (Fri) Arabic, 0700-0730 (Su) French, 0730-0800 (Su) German	14E31 27N02	2126	208,8
711	0000-2400	MRC	RTM A	various	7.5-300	Arabic transmissions exc. when local programmes are on air: Mo-Th 1800-1900 Arabic, Fr 1800-2300 Arabic, Sat 0000-0200 Arabic, Sat 1800-2300 Arabic, Sun 1000-1300 Arabic, Sun 1800-0200 Arabic; relay of RTM El Aaioun: Fr-Sa 2200-2300 Arabic; Mon 0900-1300 Rabat programme; local ID "Maghribiyya Laayoune"; txs in Sidi-Bennour (7.5) and Laayoune (300 kW); very low audio		3882	253,5
711	0600-2200	ROU	România Actualităţi	Sighet Maramuresh	50		23E56 47N46	390	351,2
711	0200-0000	RUS	Radio Rossii	Naryan-Mar	7	local px in Russian: 0200-0215, 0800-0900 (Mo-Fr), 1000-1010 (Mo-Fr), 1100-1200 (Sa), 1300-1400 (Sa), 1415-1445 (Mo-Th)	53E08 67N39	3081	22,9
711	0000-2400	SRB	Radio Niš/Radio Beograd 1	Niš	10*	Radio Niš 1: 0400-2300 (Mo-Fr), 0600-2300 (Sa/Su); *7 kW at night	21E54 43N19	252	245,3
711	0200-2100	TZA	Radio Tanzania	Kigoma	100/10	in Swahili	29E38 04S53	5491	173,6
711	0330-2300	UKR	Ukrainske Radio 1 Persha px/ Radio Donechchyna	Dokuchaievsk	40	Sa/Su 0400-; exc. for Radio Donechchyna: Mo-Fr: 0445-0455, 0610-0630, 1340-1400, 1610-1700, 1800-1830, Sa: 0410-0430, 0610-0630, 1545-1600, 1610-1700, 1800-1830, Su: 0410-0430, 0610-0630, 1345-1400, 1610-1700, 1800-1830	37E45 47N57	1080	63,4
711	0255-2130	YEM	Radio Sana'a National px	Ta'izz	200	24h planned; English at 1755	44E12 15N23	3702	144,2
720		CNR	Radio Nacional 5	Finca España		0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); news programmes			
720	0300-2200	CYP	BBC World Service	Ladies' Mile	500	in Arabic; azimuth: 110 degrees			
720	0000-2400	D	WDR 2	Langenberg	63.5	also local programmes from Köln; sometimes carries WDR VERA (traffic news) or live broadcasts from German Bundestag and Nordrhein-Westfalen Landtag; antenna (170m high) is omnidirectional during day & suppression (12db) towards west at night	07E08 51N21	1524	307,2
720		G	BBC Radio 4	various	0.250-10	overnight relay of BBC WS; txs in Londonderry (a) (0.250), Crystal Palace (0.750) and Lisnagarvey (b) (10 kW); (a) 07W22 55N00 (b) 06W04 54N30	06W04 54N30	2474	308,2
720		IRN	IRIB 1/Voice of Khorasan	Tayebad	400	Voice of Khorasan: 0830-1500 Dari, 1600-1730 Tajik, 1730-1930 Dari; also relay of VOIRI: 0100-0230 Tajik, 0230-0300 Uzbek, 0300-0630 Dari, 1500-1600 Uzbek, 1600-1730 Tajik; also relay of Voice of Mujahedin			

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
720	0425-2305	NIG	Imo Broadcasting Corp.	Owerri	50	in English	07E02 05N29	4649	207,0
720	0000-2400	POR	RDP 1	various	10	txs in Castelo Branco (a), Elvas (b), Canidelo (Porto), Guarda (c), Mirandela (d), Faro (e) <i>(a) 07W31 39N49, (b) 38N53'09.27" 07W07'46.84", (c) 07W15 40N32, (d) 07W10 41N31, (e) 07W53 37N01</i>		2600	274,4
720	0000-2400	ROU	România Actualități	various	7/14	txs in Baia Mare (a), Nufolor and Sinaia (b) (last 2 with 14 kW); <i>(a) 23E35 47N40, (b) 25E33 45N21</i>	23E35 47N40	385	347,1
720	0200-2100	TZA	Radio Tanzania	Mwanza	50/10	in Swahili	32E55 02S28	5264	168,8
728	0200-2110	KEN	Kenya Broadcasting Corporation	Malindi	100	in Swahili	40E02 01S26	5307	159,1
729	0000-2400	D	DRM – Deutschland Kultur	Putbus (Rügen)	±	in German; antenna height: 51 mtr, non-directional	13E29 54N22	1381	328,1
729		D	Bayern Plus	various	0.2/1	txs in Hof (a) (0.2 - antenna 50 m high) and Würzburg (b) (1 kW - antenna 100 m high); <i>(a) 11E53 50N19, (b) 09E54 49N47</i>	09E54 49N47	1276	303,8
729		E	Radio Nacional	various	10-100	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); txs in Bacarot (a) (Alicante - 10), Martinete (b) (Cuenca - 10), C. Golf (c) (Málaga - 20), San Cristóbal (d) (Valladolid - 20), La Grajera (e) (Logroño – 20), El Naranco (f) (Oviedo - 100 kW) <i>(a) 00W33 38N19, (b) 02W08 40N04, (c) 04W29 36N38, (d) 04W42 41N37, (e) 02W30 42N26, (f) 05W51 43N23</i>	05W51 43N23	2441	278,4
729		G	BBC Essex	Manningtree	0.2	Also local px for north of county; overnight relay of BBC Radio 5 Live	01E05 51N55	1938	304,3
729		GRC	NET 1st px	Athinai	150	news px	23E51 38N09	688	186,5
729	0430-2320	NIG	Kano Broadcasting Corp.	Jogana	25	in English and Hausa			
729	0100-1900	REU	Radiodiffusion Vision Réunion	St.André		Sa -2000	08E42 12N01	3903	208,0
729		RUS	Radio Zvezda	Samara	50		50E10 53N11	2095	52,9
729	0200-2200	UAE	United Arab Emirates Radio	Sadiyat	1500	in Arabic; ID "Idha'atul Imarat min Abu Dhabi"	54E27 24N33	3467	119,4
729		UGA	Radio Uganda Red Network	Butebo	100	Mo-Fr 0300-1200 & 1300-2105, Sa-Su 0345-2105; all in English, Swahili and ethnic languages	33E53 01N10	4881	166,7
729	0245-2205	ZMB	ZNBC Radio One	Livingstine	10				
738	0000-2400	ALG	Alger Chaîne 1	Ain-Amenas	5		09E38 28N03	2251	221,6
738	0100-2400	E	Radio Nacional	Palau de Plegamans	600	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su)	02E11 41N34	1855	268,5
738		G	BBC Hereford & Worcester	Worcester	0.037	overnight relay of BBC Radio 5 Live	02W13 52N03	2160	303,1
738	0000-2400	IRN	IRIB 1	Tabas	10		56E55 33N35	3003	102,3
738		ISR	Reshet Dalet	Akko	10	in Arabic	35E07 32N55	1552	141,1
738	0000-2400	MOZ	R. Moçambique Emmissão Nac.	Maputo	50	in Portuguese	32E35 25S58	7854	172,5
738	0200-2145	OMA	Radio Sultanate of Oman	Salalah	100		54E05 17N01	4090	128,5
738	0000-2400	RUS	World Radio Network	Kurkino	5	WRN Russian service: 0000-0100 Russia, 0100-0130 Prague, 0130-0200 Slovakia, 0200-0230 Canada, 0230-0300 Taiwan, 0300-0330 Romania, 0330-0400 Finland, 0400-0415 UN, 0415- 0430 Radio grid, 0430-0500 Japan, 0500-0530 Prague, 0530-0600 Islamic culture, 0600-0630 Finland, 0630-0700 Korea, 0700-0730 Prague, 0730-0745 UN, 0745-0800 Radio grid, 0800- 0830 Romania, 0830-0900 Finland, 0900-0930 Canada, 0930-1000 Poland, 1000-1100 Russia, 1100-1200 China, 1200-1215 UN, 1215-1230 Radio grid, 1230-1300 Prague, 1300- 1400 Russia, 1400-1430 Canada, 1430-1500 Slovakia, 1500-1600 China, 1600-1630 Romania, 1630-1700 Islamic culture, 1700-1730 Japan, 1730-1800 Korea, 1800-1900 China, 1900- 2000 Russia, 2000-2030 Romania, 2030-2045 UN, 2045-2100 Radio grid, 2100-2130 Taiwan, 2130-2200 Islamic culture, 2200-2230 Canada, 2230-2300 Korea, 2300-2400 China	ds	1567	30,4

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
738		SRB	Radio Kruševac 2	Kruševac	10	<i>on air?</i>	21E18 48N35	544	332,3
747	0530-0900	BFA	Radiodiff. Nationale de Burkina	Ouagadougou	100	Sa-Su 0900-1200, 1200-2400; all in French and vernacular languages		4338	223,4
747		BUL	Radio Horizont/Radio Bulgaria	various	5-300	0800-1300 and 1600-2200; also relays Turkish px from Radio Sofia; txs in Salmanovo (10) and Petrich (300 kW) music and news Via Petrich also Radio Bulgaria: 0530-0600 (Mo-Fr, Sa/Su 0500-) Bulgarian, 0600-0630 (Mo-Fr) Greek, 0600-0700 (Sa/Su) Greek, 0630-0700 (Mo-Fr) Albanian, 0700-0800 (Sa/Su) Albanian, 0700-0730 (Mo-Fr) Serbian, 0800-0900 (Sa/Su) Serbian, 1600-1700 Bulgarian, 1730-1800 Greek, 1800-1830 Serbian, 1830-1900 Turkish, 1900-2000 Bulgarian, 2000-2100 Albanian, 2100-2200 Greek, 2200-2300 Serbian IDs: Albanian "Ju flet Radio Bullgaria", Bulgarian "Tuk e Radio Balgaria", Greek "Akute ti	23E20 41N48	300	202,7
747		CNR	Radio Nacional 5	Mesas de Galaz	20	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); news programmes	15W27 28N04	3981	256,7
747		E	Radio Nacional 5	Cádiz	5	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); news programmes	06W17 36N31	2746	262,4
747		GMB	Gambia R. Television	Basse	10	Mo-Th 0555-1400 & 1655-2400, Fr-Su 0555-2400; all in English			
747	0000-2400	HOL	Radio 5	Zeewolde	400*	* 60 kW 0000-0500	05E25 52N23	1679	309,2
747	0000-2400	IRN	IRIB 1	Bandar-e-Torkaman	800		54E07 36N55	2597	98,2
747	0200-2110	KEN	Kenya Broadcasting Corp.	Ngong	100	in English; relay China Radio Int.: 1400-1430	36E39 01S22	5214	163,6
747		SDN	Khartoum State Radio	Khartoum	10	0300-0700, 1300-1900	32E32 15N35	3277	164,6
747		SDN	Sudan National Broadc. Corp.	Port Sudan	5		37E13 19N37	2979	153,1
747	0315-0035	SYR	R. of Syrian Arab Republic (1st px)	Sarakeb	100		35E52 36N48	1255	127,8
756	0000-2400	D	Deutschlandfunk	various	100-200	txs in Ravensburg (a) (100) and Braunschweig-Cremlingen (b) (200 kW); news and political pxs; SW: 6190 kHz; (a) 10E31 47N47, (b) 10E39 52N15	10E39 52N15	1363	315,4
756		E	Radio Euskadi	Bilbao	5		02W54 43N16	2211	276,8
756	0200-2200	EGY	?	Quena	10		32E44 26N11	2139	157,7
756		G	BBC Radio 4	Lanner (Redruth)	2		05W13 50N13	2336	297,0
756	0000-2400	G	BBC Radio Cumbria	Carlisle	1	0500-???? local px, ???-0500 BBC Radio 5 Live, during weekends local px start at 0600	02W55 54N52	2292	310,6
756	0000-2400	G	Radio Hafren	Newtown	0.63	also relay of Celtica Radio 2300-0100	03W18 52N31	2244	304,0
756		IRQ	Information Radio	No. Iraq	?	operated by UN forces; ID: 'Huna Idha'at Radio Ma'alumat'			
756	0530->1400	ISR	Eastern Radio	No. Israel	?	v: Pro-israel and anti-Syrian station broadcasting to Lebanon; ID in Arabic: al-idha'ah al-mashriqiyah; sign-on with Beethoven's Destiny symphony			
756	0500-0600	ISR	Rokn Alsout Alfalasteny	?	?	0500-0600 & 1300-1400; English name: Corner of the Palestinian Voice			
756	0255-2200	MWI	Radio 1	Blantyre	25	in English & Chichewa	35E00 15S47	6762	168,7
756	0430-2330	NIG	Broadcasting Corp. of Niger State	Minna	50	in English & Hausa	06E33 09N37	4235	209,9
756	0400-2200	NIG	Broadcasting Corp. of Oyo State	Ibadan	100	in English & Yoruba	03E54 07N23	4575	212,4
756	0400-2305	NIG	Brona Radio Corporation	Damagun	25	in English & Hausa			
756	0000-2400	POR	Antena 1	Lamego	2		07W26 41N44	2614	275,1
756	0600-2200	ROU	România Actualităţi	Lugoj-Boldur	190	azimuth: 190 degrees	21E48 45N41	277	304,7
760	0400-?	YEM	Radio Sana'a National programme	Alshahr (Mukalla)	50	24h planned, also local px ca. 0600-1800			
765		ARS	General Arabic Programme	various	10/20	txs in Qurayyat (10) and Khamasin (20 kW)			

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
765		G	BBC Radio Essex	various	0.004-0.5	also local px for south of county; overnight relay of BBC R. 5 Live; ID: "Broadcasting live from the birthplace of radio, BBC Essex"; txs in Dartford Tunnel (0.004) and Chelmsford (a) (0.5 kW); (a) 00E24 51N42	00E24 51N42	1976	303,2
765		GRC	NET 1st px/ERA 2/ERA SPORT+ERA Ioannina	Ioannina	10	Local px: 0500-1100 (Mo-Fr), 0530-0900 (Su), 0700-0900 (Sa), 1400-1700 (Mo-Fr); NET: news px; ERA2: music px	20E51 39N37	612	213,0
765		IRN	IRIB 1	Chahbahar	1200	also relay of VOIRI: 0030-0130 Pashto, 0130-0230 Urdu, 0230-0330 Pashto, 1030-1130 in English, 1130-1230 Pashto, 1230-1330 Urdu, 1330-1430 Pashto, 1430-1700 Urdu	49E26 34N35	2368	108,7
765	0250-2215	MOZ	Emissor Provincial de Nampula	Nampula	50	in Portuguese	39E16 15S07	6769	163,9
765	0200-2200	RUS	Radio Rossii/Radio Karelii	Pedaselga	150	Radio Karelii (Karjalan Radio) in Russian, Karelian and Finnish: 0410-0500 (Mo-Fr), 0510-0600 (Sa), 0710-0800 (Sa), 0910-1000 (Sa), 1110-1200 (Mo-Fr), 1310-1400 (daily), 1510-1600 (daily)	34E42 61N33	2026	15,3
765	0000-1000	SDN	Sudan National Broadc. Corp.	Omdurman	50		32E26 15N38	3269	164,8
765	0000-2400	SRB	Radio Beograd 1	Medvedja	1		21E34 42N52	301	239,1
765	0300-1900	UKR	Radio Maiak	Petrivka	40	0300-1700 in Russian and Ukrainian; <i>retroformat music and news station</i> ; relay Deutsche Welle Ukrainian news at 0600-0615, 1430-1440, Deutsche Welle Russian at 1400-1405, Sa+Su 1400-1500; relay Radio Liberty Ukrainian: 0400-0430, 0500-0505, 1600-1630 (Mo-Fr)	34E40 46N29	812	69,1
774	0000-2400	AGL	Emissora Provincial de Benguela	Benguela	50		13E24 12S35	6428	193,1
774	0000-2400	BIH	Radio Tuzla	Bukovcici	2.5		18E46 44N38	475	276,6
774	0400-0200	BUL	Radio Varna	Varna	75				
774		D	Westdeutscher Rundfunk 2	Bonn	5	also local px from Köln; sometimes carries WDR VERA traffic news or live broadcasts from German Bundestag and Nordrhein-Westfalen Landtag	07E06 50N43	1499	304,6
774		E	Radio Nacional	various	10-100	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); txs in Cullar Vega (a) (Granada - 10), Villaquilambre (b) (León - 10), Valonsadero (c) (Soria - 10), Campo De Gibraltar (La Línea - 10 kW), Pereiro (d) (Orense - 20), Biribilondo (25), Aldea Cano (e) (Cáceres - 60) and El Palmar (f) (Valencia - 100 kW) (a) 03W41 37N10, (b) 05W35 42N37, (c) 02W30 41N48, (d) 07W48 42N21, (e) 06W20 39N20, (f) 00W19 39N17	00W19 39N17	2141	263,6
774	0000-2400	EGY	Middle East Radio	Abis	500		30E04 31N08	1537	160,5
774		G	BBC Radio 4	various	1	txs in Enniskillen (a) and Plymouth (b); (a) 07W39 54N22, (b) 04W08 50N24		2262	297,7
774		G	BBC Radio Kent	Littlebourne	0.7	overnight relay of BBC Radio 5 Live	01E09 51N17	1914	302,3
774	1800-0100	G	BBC Radio Leeds/BBC Asian Network	Farnley	0.5	BBC Radio Leeds: 0100-1800; BBC Asian Network: 1800-0100 (incl. local px 1800-1900, Tu 2000-2100, and Su night)	01W36 53N47	2172	308,4
774	0000-2400	G	Gold 774	Little Shurdington	0.14	<i>Good times, great oldies</i>			
774		IRN	IRIB 1	Arak	?		49E41 34N05	2418	109,5
774		MRC	RTM C	Agadir	600	reported afternoons and evenings: transmissions in Arabic & Berber	09W38 30N26	3373	254,5
774	0500-2300	NIG	Taraba State Broadc. Services	Wukari	10		09E47 07N51	4304	204,1
774	0300-2200	RUS	Radio Mayak/Voronezh State Radio	Somov	30	Voronezh State Radio: 0310-0400 (Mo-Fr), 0510-0600 (Mo-Fr), 0910-1000, 1510-1600 (Mo-Fr); ID "Voronezhskoye Gosudarstvennoye Radio"	39E21 51N44	1362	47,5
783	0500-0100	ALG	Radio Essouhoub	Laghouat	20	in French	02E53 33N48	2208	245,6
783	0000-2400	ARS	BSKSA 2	Dammam	100				
783	0000-2400	D	MDR Info	Leipzig-Wiederau	100		12E16 51N11	1203	313,9
783		E	Rock y Gol Radio Miramar	Ctra. Consería (Barcelona)	50	Spanish and Catalan programmes; Regional programmes: 0525-0530, 0555-0600, 0625-0630, 0650-0655, 1230-1300, 1805-1810; Local programmes: 0655-0700, 0730-0735, 0820-0825, 1100-1230, 1810-1900			

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
783		MTN	Radio Mauretanie	Nouakchott	50	0830-1600, 1800-0100; all in Arabic and French; //4845 kHz		4768	245,7
783	0500-2300	NIG	Kogi Broadcasting Corporation	Ochaja	50				
783	0000-2400	SYR	Radio of Syrian Arab Republic 1st px/Radio Damascus	Tartus	600	exc. Radio Damascus 1800-1830 Hebrew & 1830-1900 Russian; ID: "Idha'atu-l-jumhuriya til-arabiya as-suriya min Dimashq"; heard on 782-781 kHz	35E52 34N55	1411	133,9
783	0400-2200	UKR	Radio Ukrainske 2	Brovary	200	relay of Deutsche Welle Ukrainian service 0700-0715 & 1530-1545			
792		ARS	BSKSA	Jeddah	?				
792	0600-1700	BIH	Radio Banovici	Branislava	1		18E32 44N25	493	273,7
792		D	NDR Info	Lingen	5	relays: Hamburger Hafenkonzert Sun 0500-0700, Funkhaus Europa 1500-1700 (Mo-Fr), BBC WS (Europe Today) 1700-1730, France Info 1730-1800, Italian 1800-1830, Turkish 1830-1900, Bosnian/Croatian/ Serbian 1900-1930	07E21 52N32	1570	311,8
792		E	SER Radio Sevilla	Sevilla	50	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	05W59 37N23	2678	264,0
792	0000-2400	F	France Info	Limoges-Nieul	300		01E10 45N56	1851	283,9
792		G	BBC Radio Foyle	Londonderry	1	Mo/Tu/Fr: 0630-0805 BBC Radio 5 Live, 0805-1030 own programmes, 1030-1300 BBC Radio 5 Live, 1300-1700 own programmes, 1700-0100 BBC Radio 5 Live; Wed: 0630-0805 BBC Radio 5 Live, 0805-1030 own programmes, 1030-1300 BBC Radio 5 Live, 1300-1700 own programmes, 1700-0100 BBC Radio 5 Live, 2155-2200 Cantonese; Thu: 0630-0805 BBC Radio 5 Live, 0805-1030 own programmes, 1030-1300 BBC Radio 5 Live, 1300-1700 own programmes, 1700-1903 BBC Radio 5 Live, 1903-2000 own programmes, 2000-0100 BBC Radio 5 Live; Sat: 0645-0200 BBC Radio 5 Live; Sun: 0700-1603 BBC Radio 5 Live, 1603-1700 own programmes, 1700-0100 BBC Radio 5 Live	07W22 55N00	2568	309,0
792	0000-2400	G	Gold 792/828	Kempston	0.275	// 828 kHz; <i>good times, great oldies</i>	00W29 52N06	2047	304,0
792		GRC	ERA SPORT	Malgara	100		22E41 40N31	453	202,5
792	0530-2350	LBY	Voide of Great Homeland	Sirte	20		16E40 31N27	1593	208,9
792		LTU	tests	Klaipeda	24	// 666 kHz	21E07 55N43	1295	349,9
792	0400-2200	NIG	Broadcasting Corp. of Oyo State	Gambari	25	in English & Yoruba	04E20 08N16	4466	212,3
792		YEM	Radio Aden	Al-Isawah	750	0300-0800 + 1100-2130			
801	0300-2100	AZE	Azerbaijani Radio 1	various	150	txs in Pirsaat (a) and Guba; (a) <i>49E03 40N03</i>	49E03 40N03	2051	94,8
801		AZE	BBC World Service	Baku	15	0400-0415 (Mo-Fr) Azeri, 1000-1030 (Mo-Fr) Azeri, 1530-1600 (Mo-Sa) Azeri, 1800-1830 Azeri, 1830-1900 Russian, 1900-2000 Azeri, 2000-2100 (Mo-Sa) Russian, 2100-2130 (Mo-Fr) Russian	49E53 40N24	2103	93,1
801	0000-2400	BHR	Radio Bahrain	Bahrain	100		50E37 26N02	3084	122,6
801		D	Bayern Plus	various	20/100	txs in Dillberg/Neumarkt (a) (20) and München (b) (100 kW); (a) <i>11E23 49N20</i> , (b) <i>11E44 47N52</i>	11E44 47N52	1077	296,2

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
801		E	Radio Nacional	Ciudad Real	10-25	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); txs in San Bartolomé (a) (Burgos - 10), Aldehuela (b) (Zamora - 10), Almazora (c) (Castellón - 10), Girona (e) (10), Arreiras-Fontao (d) (Lugo - 20 kW) and Almagro (f) (Ciudad Real - 25 kW); (a) 03W42 42N20, (b) 05W45 41N30, (c) 00W00 39N56, (d) 07W25 42N58, (e) 03W56 38N59, (f) 02E51 41N54	02E51 41N54	1791	269,1
801		ETH	Amhara Regional State Radio	?	?				
801		G	BBC Radio Devon	Barnstaple	2	overnight relay of BBC Radio 5 Live	04W07 51N03	2269	299,6
801		IRN	IRIB	Kashmar	10		49E32 35N45	2304	105,8
801	0000-2400	JOR	Radio Jordan	Ajlun	2000	Arabic transmissions	35E47 32N25	1632	140,3
801	0500-2300	NIG	Kebbi Broadcasting Corp.	Zuru	1	in English and Hausa	05E14 11N26	4103	213,0
801	0500-2300	NIG	Yobe Broadcasting Corp.	Damaturu	20		11E58 11N45	3820	202,5
801		SDN	Sudan National Broadc. Corp.	Al-Fashir	5		25E21 13N38	3411	178,8
810		E	SER Radio Madrid	Ctra. Carabanchel (Madrid)	50	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	03W49 40N26	2372	269,6
810	0000-2400	G	BBC Radio Scotland	various	5/100	0600-0000 Radio Scotland , 0000-0600 BBC World Service ; txs in Redmoss (a), Burghead (b), and Westerglen (c) (last 2 with 100 kW); (a) 02W05 57N07, (b) 03W28 57N42, (c) 03W50 55N58	03W50 55N58	2388	313,0
810	0100-2200	GEO	Gruzinskoye Radio (Radio 1)	Dusheti	150	modified LW transmitter	44E42 42N05	1633	91,7
810		IRQ	Radio Om-al-Qura	Baghdad	5/2.5		44E24 33N20	2086	119,1
810		MKD	Radio Skopje 1/External Service	Ovce Polje	1200	Skopje: 1800-1900 Greek; External Service (ID as Radio Biljana): (Mo-Sa for all hours) 1900-1930 Bulgarian, 1930-2000 Greek, 2000-2030 Albanian, 2030-2100 Serbian; non-directional antenna	21E32 41N59	366	226,3
810	0250-2200	MOZ	Emissora Provincial da Gaza	Xai-Xai	50		33E39 25S03	7765	171,4
810	0000-2400	MRC	RTM A	Rabat	25	Arabic transmissions	06W55 33N54	2943	257,8
810	0255-2200	MWI	Radio 1	Bangula	10	in English & Chichewa			
810	0300-2000	RUS	Voice of America/Radio France Int.	Kurkino	10	0300-1400 VOA English, 1400-1430 RFI in Russian, 1430-1600 VOA English, 1600-1630 RFI Russian, 1630-1900 VOA English, 1900-2000 RFI Russian	37E38 55N45	1566	31,1
810	0500-1500	RUS	Radio Mayak	Volgograd	500		44E28 48N42	1582	65,0
810		SDN	Sudan National Broadc. Corp.	Juba	100		31E37 04N51	4438	169,3
810	0000-2400	UAE	United Arab Emirates Radio	Maqtaa	?	Quran px			
810		UGA	Radio Uganda Red Network	Bodi		Mo-Fr 0300-1200 & 1300-2105, Sa-Su 0345-2105; all in English, Swahili and ethnic languages			
819		E	Radio Euskadi	San Sebastián	5		01W59 43N19	2137	276,5
819	0000-2400	EGY	General Programme	Batrah	1000		31E26 31N11	1572	155,9
819	0600-????	F	Sud Radio	Gauré	1		01E20 43N21	1874	275,0

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
819	0500-2300	I	Rai Radio 1	Trieste	20	regional programmes at 1034-1130 (Mo-Sa), 1236-1259 (Mo-Fr), 1236-1259 (Mo-Fr), 1308-1350 (Mo-Fr), and 1110-1130 (Su); local news (Mo-Sa) at 0620-, 1130-, 1400-, 1730-; local news (Su) at 0740-, 1130-, 1730- by Rai Friuli Venezia Giulia	13E46 45N40	875	283,8
819		IRN	IRIB 1	?	?				
819	0000-2400	MAU	Radio Mauritius 2	Malherbes	10	in indian languages	57E31 20S19	7921	147,6
819	0000-2400	MRC	RTM A	Rabat-Temara	25	in Arabic	06W55 33N54	2943	257,8
819		SDN	Sudan National Broad. Corp.	Dongola	10				
819	0800-1700	UKR	Radio Bukovyna	Novodnistrovsk	7.5	in Ukrainian and Romanian			
828	0000-2400	AZR	RDP Açores/Antena 1	Mte das Cruzes-Flores	1	regional progrs Su 0600-2400, Mo-Sa 0530-2400, other times relays Antena 1 from Lisboa	31W08 39N27	4567	283,4
828		D	NDR Info	Hannover	19*	(* 10 kW only at night); relays: Hamburger Hafenkonzert Sun 0500-0700, Funkhaus Europa 1500-1700 (Mo-Fr), BBC WS (Europe Today) 1700-1730, France Info 1730-1800, Italian 1800-1830, Turkish 1830-1900, Bosnian/Croatian/Serbian 1900-1930	09E44 52N20	1419	314,3
828	0400-2200	D	SWR cont.ra	Freiburg	10	0600-2200 Sa/Su; will be switched off end of 2011	07E48 48N01	1365	293,6
828		E	KISS-FM Barcelona	Terrassa	5		02E03 41N35	1865	268,6
828	0300-0600	ETH	Radio Ethiopia	Arba Minch	100	Mo-Ft 0300-0600 & 0800-2000, Sa/Su 0400-2000; English Mo-Fr 1030-1100	37E33 06N02	4434	159,9
828	0000-2400	G	BBC Asian Network/World Service	Sedgley	0.2	0600-2400 BBC Asian Network, also relay of Wolverhampton Community Radio, and 0000-0600 BBC World Service South Asian service	02W08 52N32	2167	304,5
828	0000-2400	G	Gold 792/828	Lewsey Farm	0.12	<i>good times, great oldies of the 60s and 70s, // 792 kHz</i>			
828	0000-2400	G	Gold 828	Fern Barrow	0.27	local px: 1500-1800 Mo-Fr; <i>good times, great oldies</i>	01W54 50N43	2110	299,2
828	0000-2400	G	Magic 828	Morley (Leeds)	0.12	<i>easy favourites from 70s, 80s, 90s, local and national news and sport</i>	01W34 53N44	2168	308,3
828	0530-2350	HOL	Radio 10 Gold	Heinenoord	20*	*: 2200-0500 5 kW			
828	0800-0100	MRC	RTM C	Oujda	50	transmissions in Arabic & Berber; transmitter is drifting, if on air at all	01W51 34N40	2505	253,8
828	0430-2305	NIG	FRCN Enugu National Station	Enugu	25	in English & Igbo		4531	206,9
828	0000-2400	RUS	Radiogazeta Slovo/Pravoslavnoe Radio	St-Petersburg	10	0200-0600 Radiogazeta Slovo, 0600-1000 Pravoslavnoye Radio, 1000-1400 Radiogazeta Slovo, 1400-1800 Pravoslavnoye Radio, 1800-0200 Radiogazeta Slovo	30E00 59N44	1752	9,8
828	0325-0035	SYR	R. of Syrian Arab Republic 1st Px	Deir-El-Zawr	1000	nominal frequency is 828 kHz, is drifting down to 820 kHz	40E12 35N25	1644	121,6
837	0000-2400	ALG	Alger Chaîne 1	Ben-Abbas	5		02W08 30N08	2833	245,3
837		CNR	COPE Las Palmas	Tafira	10	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	15W27 28N03	3982	256,7
837		E	COPE Burgos	Burgos	5	See above for regional and local programmes	03W42 42N21	2299	274,6
837		E	COPE Ibiza	Ibiza-Eivissa	5	See above for regional and local programmes	01E23 38N57	2022	261,0
837		E	COPE Ferrol	El Ferrol	5	See above for regional and local programmes	08W17 43N29	2629	279,7

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
837		E	COPE Sevilla	Sevilla	50	See above for regional and local programmes		2684	264,1
837		ERI	VO the Broad Masses of Eritrea 2	Selea Daro	100	0400-0700, 0930-1100, 1400-1800; all in Arabic, Saho, Afar, Blien, Oromo and Amharic; //7100 kHz			
837	0000-2400	F	France Info	Nancy-Nomeny	200	on air?	06E14 48N53	1498	296,4
837	0000-2400	G	BBC Asian Network	Freeman's Common	0.45	0000-0600 relay of BBC WS South Asian service	01W08 52N37	2104	305,2
837		G	BBC Radio Cumbria	Barrow in Furness	2	also relay BBC Radio 5 Live	03W12 54N08	2284	308,5
837	0000-2400	IRN	IRIB 1	Isfahan	400	also relay of Surasari px			
837		LBN	Radio Lebanon 1	Hamat	10	ID: "Idaatu al-Ljubnian"		1455	136,2
837	0200-2100	TZA	Radio Tanzania	Kunduchi	1	in Swahili		5852	161,8
837	0400-1600	UKR	Radio Bukovyna	Chernovtsy	30	in Ukrainian	25E55 48N20	458	11,0
837	0330-2200	UKR	Ukrainske Radio 1 (Persha px)	Tranivka	150				
837		YEM	Radio Aden	Sana'a	?		44E12 15N23	3702	144,2
840		TCD	Radiodiffusion Nationale Tchadienne	N'djamena	20	Mo-Fr 0425-0730, 1000-2230, Sa/Su 0425-2230; all in French, Arabic and vernacular languages; has been noted with frequency varying from 839.97 to 840.00khz	15E04 12N07	3696	197,4
846		AFS	Umhlobo Wenene FM	Komga	100		27E54 32S35	8555	177,3
846		I	Rai 1/Rai 3	Santa Palomba	50		12E29 41N54	1029	259,2
846		IRL	Radio North/AWR/Gospel 846	Carndonagh	1	pirate station; inverted L antenna	07W16 55N15	2569	309,7
846		IRN	IRIB 1	Sarasaye	20				
846	0200-2110	KEN	Kenya Broadcasting Corp.	Nyamina	100	in Swahili; relay China Radio International: 1400-1430			
846	0430-2300	NIG	Bauchi Radio Corporation	Azara	10	in English & Yoruba	09E15 08N22	4267	205,2
846	0200-0000	RUS	Radio Rossii	Elista	30	also local px from Radio Elista: 0220-0300 (Mo-Sa), 0310-0400 (Mo-Sa), 1000-1200 (Sa/Su), 1008-1020 (Tu-Fr), 1100-1110 (Mo), 1500-1600 (Mo-Fr), 1600-1700 (Sa-Su)	44E15 46N19	1539	74,8
846		RUS	RTV-Podmoskovje/Radio Radonezh	Electrostal	150	Podmoskovje: 0300-0400 (Mo-Sa), 0300-1700 (Su), 0500-0600 (Mo-Fr), 0500-1200 (Sa), 0700-1400 (Mo-Th), 0700-1500 (Fr), 1300-1700 (Sa), 1600-1700 (Mo-Th); Radio Radonezh: 1700-2000			
846		UAE	Umm Al Quwain BS	?	?	Malayalam Service			
850	1500-1800	TCD	Radio Sarh	Sarh	1		18E23 09N09	3956	190,8
855	0000-2400	D	DRM - DRadio Wissen	Berlin-Britz	10		13E35 52N28	1223	321,9
855		ARS	BSKSA Quran programme	Dammam	?				
855	0000-2400	D	DeutschlandRadio Kultur	Berlin	50	only on air during special occasions e.g. TV soundtrack Phoenix px, sometimes DLR Berlin; <i>cultural and music px</i>	13E35 52N28	1223	321,9
855		E	Radio Nacional	various	5-300	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); txs in Marbella (a) (5), Ctra C. Rodrigo (b) (Salamanca - 10), Aljaraque (c) (Huelva - 10), Fuentesnuevas (d) (Ponferrada - 10), Berrioplano (e) (Pamplona - 10), Reus (f) (Tarragona - 10), La Muela (g) (Teruel - 10), Rostrio (h) (Santander - 20), Pastoriza Marín (i) (Pontevedra - 20) and Torre de Cotillas (j) (Murcia - 300kW) <i>(a) 04W46 36N32, (b) 05W40 40N58, (c) 06W55 37N15, (d) 06W39 42N34, (e) 01W42 42N51, (f) 01E11 41N04, (g) 01W08 40N20, (h) 03W51 43N28, (i) 08W43 42N20, (j) 01W15 38N02</i>	01W15 38N02	2273	261,2
855	0300-0600	ETH	Radio Ethiopia	Harar	100	Mo-Fr 0300-0600 & 0800-2000, Sa/Su 0400-2000; English: Mo-Fr 1030-1100			
855		G	BBC Radio Devon/Plymouth	Plymouth	1	Sat 1000-1300 R Plymouth, Sun 1200-1400 R Plymouth, overnight relay of BBC Radio 5 Live; during weekends R Devon starts at 0600 – tx to be used for DRM trials	04W08 50N24	2262	297,7

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
855	0000-2400	G	BBC R Lancashire/BBC Asian Netw.	Preston	2	BBC Asian Network: Mo-Sa 1900-0100 + local px Su 1900-0100	02W34 53N43	2230	307,7
855		G	BBC Radio Norfolk	Postwick	2	overnight relay of BBC Radio 5 Live	01E24 52N38	1942	306,8
855	0000-2400	G	Sunshine Radio	Villa Farm (Ludlow)	0.15	<i>melodic popular music, local news and information, what's on</i>	02W44 52N22	2202	303,8
855	0000-2400	JOR	Radio Jordan	Amman		in Arabic	35E53 31N54	1686	141,1
855	0000-2400	ROU	România Actualităţi	Tancabesti	400		26E06 44N28	110	79,8
855	0200-2200	RUS	Radio Rossii	Kamenka	50	local px Radio Penza: 0410-0500 (Mo-Fr), 1510-1600 (Mo-Fr)	44E03 53N11	1718	48,1
864		ARM	Radio Yerevan 1 (Hayastani Azgain)/Trans World Radio/ Hayastani Dzayn (Voice of Armenia)/Russian Int. Radio/ Radio Liberty	Gavar	1000	Trans World Radio: 0400-0430 Armenian, 1610-1625 Kazakh, 1625-1640 Turkmen, 1640-1725 Russian, 1725-1740 various No. Caucasus languages, 1740-1755 English, 1755-1810 Sorani Kurdish; Hagastani Dzayn: 0130-0200 Farsi, 0430-0500 Persian, 1200-1230 Azeri, 1230-1245 Turkish, 1345-1415 Turkish - Turkish px ends with Armenian message before s/off; Radio Liberty: 0200-0300 Turkmen, 1500-1530 Uzbek, 1530-1600 Turkmen; Russian Int Radio: 1100-1200 Russian; Non-directional antenna, for R Liberty px the beam is 180° (0200-0300 & 1530-1600), non-dir 1500-1530	45E12 40N24	1732	97,4
864	0500-2300	BUL	Radio Blagojevgrad	Blagojevgrad	75		23E18 42N06	271	205,9
864	0000-2400	BUL	Radio Horizont	Samuil	10	also relay of Radio Samuil; <i>Radio Horizont: music and news</i>	26E45 43N31	184	117,6
864		E	Radio Nacional	Socuellamos	5	regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su) - relay of Toledo	02W47 39N18	2336	265,8
864	0000-2400	EGY	Holy Quran Programme	Santah	500	ID: "Idha'at Kuran al-Karim min al-Kahira"	31E08 30N44	1609	157,5
864	0000-2400	F	France Bleu	Paris - Villebon-sur-Yvette	300	broadcasts in AM stereo; local ID: 'France Bleu 107.1'; <i>'General' radio with popular, adult programmes with daily life related information and entertainment</i>	02E14 48N41	1783	293,8
864	0000-2400	IRQ	Republic of Iraq Radio	Ramadi	?	English: 0500-1900; ID: 'Idha'at Jumhuriyah al-Iraq min Baghdad'			
864	0000-2400	MRC	RTM A	Errachidia	7.5	in Arabic	04W25 31N55	2877	251,4
873	0000-2400	ALG	Alger Chaîne 1	Ghardaia	5		03E49 32N32	2233	241,3
873		ARS	BSKSA	Qassim	?				
873	0000-2400	BOT	Radio Botswana	Gansti	50				
864	0300-0100	BUL	Radio Stara Zagora	Stara Zagora	60				
873	0000-2400	D	AFN Power Network	Oberursel-Weißkirchen		local px: 0500-0800 & 1400-1700; transmitter will be off air in June 2011			
873		E	SER Radio Zaragoza	Casablanca	25	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	00W54 41N38	2098	270,9
873		E	SER Radio Galicia	Santiago de la Compostela	25	regional and local programmes, see above	08W31 42N55	2663	278,4
873		ETH	Radio Ethiopia	Addis Ababa		Mo-Fr 0300-0600 & 0800-2000, Sa/Su 0400-2000; English: Mo-Fr 1030-1100		4145	156,8
873		G	BBC Radio Norfolk	West Lynn	0.3	overnight relay of BBC Radio 5 Live	00E23 52N45	2011	306,5
873	0000-2400	G	BBC Radio Ulster	Enniskillen	1	0630-0100 local programmes (Sa 0645-0200, Su 0700-0200), 0000-0630 BBC Radio 5 Live, We 2155-2200 Cantonese	07W39 54N22	2570	307,3

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
873	0700-1900	HNG MR4		various	20	0700-1900 ethnic programs: 0700-0900 Croatian 0900-1100 German, 1100-1200 Music, 1200-1230 Mo Slovene, Tu Ruthenian, We Bulgarian, Th Greek, Fr Ukrainian, Sa Armenian, 1230-1300 (Mo-Fr) Gypsy/Roma, 1230-1300 (Su) Polish, 1300-1500 Serbian, 1500-1700 Romanian, 1700-1900 Slovak; txs in Kozarmisleny (non-dir 115 mtr antenna mast) (b) and Lakihegy (non-dir 117 mtr antenna mast) (a) ; (a) 19E02 46N50, (b) 18E19 46N03		525	304,4
873	0500-2300	I Rai Radio 1		Taranto	1	regional programmes at 0620- 0630 (Mo- Sa), 1110- 1130 (Mo-Sa) and 1140- 1150 (Su): RAI Puglia	17E17 40N25	749	237,4
873	0200-2200	KAL Radio Rossii		Kaliningrad	50		20E28 54N43	1198	346,7
873	0400-2200	MDA Radio Moldova 1		Chişinău	100	every first Tuesday 1800-1830 Polish; Russian: 0700-0715, 1600-1615, 1900-2000; sometimes off-channel (as low as 870.93 kHz)	28E50 46N57	434	45,8
873	0250-2200	MOZ Delegação de Beira		Beira	50	in Portuguese	34E50 19S51	7207	169,5
873	0200-2200	RUS Radio Rossii		various	75-250	txs in Olgino (75), Lesnoy (250), and Mezhavod (100 kW); via Olgino also regional programmes			
873		SDN Sudan National Broadc. Corp.		Wad Madani	10	relay of White Nile Province programme	33E32 14N24	3428	163,2
873		SDN Sudan National Broadc. Corp.		Wadi Halfa	5		31E21 21N48	2575	164,2
873	0600-1800	UKR Dnepropetrovskoye Oblastnoye Radio 2		Dnipropetrovsk	10		35E04 48N28	917	56,0
873	0700-1800	UKR Radio Khvylya		Zarvantsy	7				
882		CNR COPE Tenerife		La Laguna	25	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	16W19 28N29	4020	258,1
882	0000-2400	D MDR Info		Wachenbrunn	20	antenna screened towards Montenegro	10E30 50N29	1270	307,8
882	0000-2400	E COMR.		Mollet del Vallès	20	COM = Catalunya Ona Mitjana			
882		E COPE Alicante		Alicante	5	for regional and local programmes, see above (CNR)	00W29 38N21	2197	261,2
882		E COPE Málaga		Cerro de la Ermita	25	for regional and local programmes, see above (CNR)	04W25 36N43	2589	261,1
882		E COPE Radio Gijón		El Infanzón	5	for regional and local programmes, see above (CNR)	05W42 43N28	2427	278,6
882		E COPE Valladolid		Barrio de Parquesol	5	for regional and local programmes, see above (CNR)	04W45 41N39	2404	273,3
882	1100-0700	EGY Egyptian Radio		Matruh	1	Fr 24h	27E16 31N21	1457	170,4
882		EGY Radio Hala'ib		Hala'ib	7.5	0500-0900 and 1700-2100			
882	0000-2400	G BBC Radio Wales		various	1-100	0600-0000 local programmes, 0000-0600 BBC World Service; txs in Forden (a) (1), Tywyn (b) (5), Penmon (c) (10) and Washford (d) (100 kW); (a) 03W10 52N35, (b) 04W06 52N35, (c) 04W05 53N17, (d) 03W21 51N10	03W21 51N10	2218	300,1
882		ISR Reshet Bet Px B		Sha'ar Yashuv	10		35E39 33N13	1551	138,9
882	0200-2110	KEN Kenya Broadcasting Corp.		Kitale	50	in Swahili; relay of China Radio International: 1400-1430	35E00 01N01	4919	165,2

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
882	0000-2400	MNE	Radio Crne Gore 1	various	1-300?	txs in Ulcinj (a) (1), Bijelo Polje (e) (10), Herceg Novi (d) (10), Pljevlja (f), Rozaje (b) (10), Golubovci (g) (100), and Gornja Plavnica (h) (300? kW) <i>(a) 19E10 41N58, (b) 20E10 42N50, (c) 19E20 43N21, (d) 18E30 42N27, (e) 19E45 43N02, (f) 19E21 43N21, (g) 19E14 42N20, (h) 19E13 42N17</i>	19E13 42N17	500	245,2
882	0430-2315	NIG	Kaduna State Media Corporation	Kaduna	25	in English & Hausa	07E26 10N31	4107	209,1
882		RUS	Radio Mayak/ Stavropolskoye R.	Stavropol	30		41E59 45N03	1364	80,4
882	0400-2400	TUN	Radiodiffusion TV Tunisienne	Remada	1	in Arabic	10E24 32N19	1822	227,9
891		AZE	Azerbaijani Radio 1	Baku	?		49E53 40N24	2103	93,1
891		ETH	Radio Ethiopia	?	?				
891		HOL	Radio 538	Hulsberg	20	<i>current hits</i>	05E51 50N53	1588	304,1
891		IRN	IRIB 1	Dehdasht	?		50E35 30N48	834	30,9
891	0300-2100	LSO	Lesotho National Broadc. Service	Maseru	100		27E29 29S19	8191	177,5
891	0500-2300	NIG	Osun State Broadcasting Service	Osu	?		04E23 07N54	4501	212,0
891	0000-2400	POR	Rádio Sim (R.Renascença group)	Vila Moura	10		08W08 37N04	2864	265,2
891	0700-1600	TUR	TRT Antalya	Antalya	600		30E56 36N55	973	145,4
900		ARS	General Arabic Programme	Qurayyat	1000	0300-1500 and 1700-2300; also relay <i>Call of Islam</i> : 1500-1700			
900		E	Radio Popular de Bilbao	Herri Irratia (Bilbao)	10		02W58 43N15	2217	276,7
900		E	COPE-Alta Extremadura	Cáceres	2	<i>regional & local px</i> : 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	06W22 39N29	2613	269,1
900		E	COPE Granada	Granada	5	for regional and local programmes, see above	03W41 37N10	2508	261,4
900		E	COPE Vigo	Vigo	5	for regional and local programmes, see above	08W42 42N19	2695	277,1
900		HRV	Local programmes	Cazma	0.05		16E38 45N45	656	287,1
900	0000-2400	I	Rai Radio 1	Milano	600	24h; 0500-2300 Rai Uno, 2300-0500 Notturmo Italiano: English news at 0003, 0103, 0203, 0303 and 0403; French news at 0006, 0106, 0206, 0306 and 0406; German news at 0009, 0109, 0209, 0309 and 0409; regional programmes at 0620-0630 (Mo-Sa), 1110-1130 (Mo-Sa) and 1140-1200 (Su): Rai Lombardia "Gazzettino Padano"	09E12 45N20	1229	280,8
900		IRN	IRIB 1	Tehran	?		51E25 35N40	2454	103,8
900	0200-2110	KEN	Kenya Broadcasting Corporation	Marania	100	in English; relay China Radio Int.: 1400-1430			
900	0400-2400	NIG	Ogun State Broadcasting Corp.	Abeokuta	25	in English & Yoruba	03E21 07N09	4622	213,0
900	0300-1200	RUS	Radio Mayak	Sovetsky	20	local programmes (Mariyskoe Radio) in Russian and Mari: 0310-0400 & 0710-0800; <i>information, interviews, sports, music</i>	48E28 56N45	2156	41,7
909		D	<i>DRM - bit eXpress</i>	<i>Dillberg</i>	<i>0.1</i>		11E44 47N52	1077	296,2
909	0400-1100	ALB	RTVSH 1	Gjirokastër	50		20E10 40N04	602	220,2
909	0000-2400	ALG	Radio Ahagar	Tamanrasset	5	also relay Chaîne 1	05E30 22N50	2963	222,6

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
909		BOT	Voice of America	Sebele Pikwe	600	0300-0700 English, 1600-1700 English, 1700-1730 (Mo-Fr) Shona, 1730-1800 (Mo-Fr) English to Zimbabwe, 1800-1830 (Mo-Fr) Ndebele/(Sa-Su) English, 1830-2100 English; <i>same hour in Summer!</i>	27E36 21S57	8039	177,3
909		E	Radio Nacional 5	Palma de Mallorca	10	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); news programmes	02E39 39N34	1895	261,6
909	0000-2400	G	BBC Radio 5 Live	various	0.004-200	txs in Dartford Tunnel (0.004), Bournemouth (a) (0.250), Londonderry (b) (1), Exeter (c) (1), Fareham (d) (1), Whitehaven (e) (1), Lanner (f) (Redruth - 2), Lisnagarvey (g) (10), Westerglen (h) (50), Clevedon (i) (50), Brookmans Park (j) (150) and Moorside Edge (k) (200 kW) <i>(a) 01W52 50N44, (b) 07W22 55N00, (c) 03W31 50N41, (d) 401W13 50N51, (e) 03W35 54N32, (f) 05W13 50N13, (g) 06W04 54N30, (h) 03W50 55N58, (i) 02W52 51N25, (j) 00W11 51N44, (k) 01W54 53N38</i>	01W54 53N38	2186	307,8
909	0100-2200	GEO	Gruzinskoye Radio (Radio 1)	Batumi	5	local programmes 0700-0900; also relay Adzharian Radio 0700-0900 (to be extended)	41E38 41N38	1404	96,3
909	0530-2350	LBY	Radio Jamahiriyah	various	10/20	txs in Kufra (a) (10) and Ghiaghoub (b) (20 kW); <i>(a) 23E18 24N11, (b) 24E31 29N45</i>	24E31 29N45	1618	180,7
909	0600-0100	MRC	RTM B	Safi	20	transmissions in French, English and Spanish	09W17 32N20	3223	257,3
909	0430-2305	NIG	FRCN Abija National Station	Fwagwa Lada	50	in English & Yoruba			
909	0355-2000	ROU	Radio Cluj/România Actualităţi	Jucu	200	(Su from 0600): Ukrainian on Mo 1045-; Hungarian 0600-0800 (Mo-Sa), 1300-1600 (Mo-Sa), 1200-1600 (Su); also programmes from Radio Constanta and Radio Antena Satelor; in German: 1200-1250 Mo-Sa & 0830-0900 Su)	23E49 46N52	294	346,3
909	0000-2400	ROU	România Actualităţi	Ortisoara	50	German: 1200-1300	21E14 45N45	319	301,6
909		SDN	Sudan National Broadc. Corp.	Malakal	5		31E39 09N32	3923	168,1
909		UGA	Radio Uganda Red Network	Kampala	20	Mo-Fr 0300-1200 & 1300-2105, Sa-Su 0345-2105; all in English, Swahili and ethnic languages	32E25 00N19	4950	169,0
909	1500-2215	YEM	YRTC + local	Al-Hudaydah	?		42E57 14N48	3704	146,6
917		NIG	Radio Gotel	Yola	50				0,0
918	0000-2400	CYP	CBC 3	Paphos	10		32E33 34N44	1256	145,2
918		E	Radio Intercontinental	Ctra Humera	20	relay of Colombian station W Radio 1100-1330	03W47 40N27	2369	269,6
918	0200-2200	EGY	ERTU Youth/Sport programme	Hurghada	?		33E48 27N16	2060	153,8
918	0000-2400	EGY	Egyptian Radio	Bawti	10		28E56 28N20	1814	166,7
918		ETH	?	?	?				
918		IRN	IRIB 1	Jiroft	50		28N37 57E48	3399	109,6
918	0430-0005	NIG	Lagos State Broadcasting Corp.	Ikeja	50	in English & Yoruba	03E21 06N36	4679	212,7
918	0430-2305	NIG	Radio Benue	Makurdi	50	in English & Hausa	08E23 07N44	4364	206,2
918		RUS	Dagestanskoye Radio	Makhachkala	50	local programmes 0340-0400, 0525-0600 (Su), 0800-0900 (Sa), 0815-0900 (We), 0820-0900 (Su), 1215-1300 (Sa), 1500-1540 (Mo-Fr)	47E30 42N59	1832	86,6
918		RUS	Radio Rossii	Arkhangelsk	150	local px Radio Pomorya : Mo-Fr 0410-0500 and 1510-1600; Sa: 0510-0600	40E22 64N33	2453	18,0
918	0000-2400	SVN	Radio Slovenija 1	Ljubljana-Domzale	300	(exc. Mo 2300 - Tu 0300), 2130-2135 English, 2135-2140 German	14E35 46N07	820	287,8
918	0325-0035	SYR	R. of Syrian Arab Republic 1st px	Al-Hassake	200		40E36 36N30	1595	117,5
927	0000-2400	ALG	Radio Alger Chaîne 1	Timimoun	5	24h in Arabic; drifting to 928 kHz	00E15 29N15	2731	240,5
927		ARS	BSKSA 2	Aflaj	20		00E17 29N14	2730	240,4
927	0500-2230	BEL	Radio Vlaanderen Info	Wolvertem	100	variable, during winter months 24h	04E18 50N59	1694	303,2
927		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Zákynthos	Zákynthos	50	ERA Zákynthos : 0500-1200 (Mo-Fr), 0600-0900 (Su), 1330-1800 (Mo-Fr); NET : news px ; ERA 2 : music px	20E52 37N45	797	205,3
927		IRN	IRIB 1	Dorud	?		51E29 36N00	2440	103,0
927	0000-2400	ISR	Reshet Qlita v'Aliya/Reshet Bet	Akko	10		35E07 32N55	1552	141,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
927	0200-2110	KEN	Kenya Broadcasting Corporation	Malindi	100	in Swahili; relay China Radio International: 1400-1430	40E07 03S13	5502	159,6
927	0000-2400	POR	Rádio Sim (R.Renascença group)	Évora	1		07W54 38N32	2776	268,1
927	0700->1700	TUR	TRT-4	Izmir	200		27E15 38N15	705	161,8
927	0245-2205	ZMB	ZNBC Radio Two	Livingstone	10				
936		ARS	General Arabic Programme	?	?				
936		E	Radio Nacional 5	various	10/50	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); Via Valladolid: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711) txs in Becarot (a) (Alicante - 10), San Cristóbal (b) (Valladolid - 10) and C. Torrero (c) (Zaragoza - 50 kW); news px; (a) 00W33 38N19, (b) 04W42 41N37, (c) 00W53 41N37	00W53 41N37	2097	270,8
936	0000-2400	EGY	Egyptian Radio	Salum	10		25E10 31N33	1418	178,3
936		G	Fresh Radio	Hawes	1	<i>current & classic hits</i>	02W12 54N18	2227	309,5
936	0000-2400	G	Gold 936/1161	Naish Hill	0.18	<i>good times, great oldies</i>			
936		I	Rai Radio 1	various	10-20	0500-2300; txs in Trapani (a) (10) and Venezia (b) (20); regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su): RAI Veneto (via Venezia); 1445- 1545 (Mo-Sa) RAI Friuli-Venezia Giulia "L'ora della Venezia Giulia" (via Venezia), RAI Sicilia (via Trapani) (a) 12E34 37N55, (b) 12E18 45N29	12E18 45N29	987	282,0
936	0000-2400	IRN	IRIB 1/VOIRI	Urumiyeh	50	VOIRI: 1830-1930 in Assyrian, other times IRIB 1 regional Azerbaidjan px			
936		KOS	Radio Priština local px	Djakovica	10		20E26 42N22	409	239,8
936		MKD	Radio Skopje 1	Gevgelija	10		22E30 41N08	397	208,2
936	0000-2400	MRC	RTM A	Agadir	100	Arabic transmissions; relay Radio Agadir -1958 (Fr); relay RTM C in Berber evenings	09W38 30N26	3373	254,5
936	0000-2300	RUS	Radio Rossii	Matveyevka	5		53E18 52N09	2271	57,2
936	0315-0035	SYR	R. of Syrian Arab Republic 1st px	?	?	ID "Idha'atu-l-jumhuroyah til'arabiya as-suriya min dimashq"			
945	0000-2400	AGL	Radio Nacional de Angola	Mulenvos	25	2000-2100 French, 2100-2200 English; // 7215 kHz	13E14 08S48	6017	194,1
945		ARS	BSKSA	Ha'il	5		41E42 27N31	2402	135,3
945	0000-2400	BOT	Radio Botswana	?	50				
945		CGO	R. Rep. Democratique du Congo	?	?	in French - maybe inactive			
945		ERI	VO Broad Masses of Eritrea 1	Asmara	100	0400-0630, 0930-1030, 1400-1830; all in Tigriyina, Tigre, Kunama, Hdareb and Nara	38E58 15N20	3490	152,9
945	0000-2400	F	France Info	Toulouse-Muret	300	local px Viure al Pais Sat 1100-1200 in Occitan	01E20 43N21	1874	275,0
945	0000-2400	G	Gold Digital GEM	Quarndon (Derby)	0.2	<i>good times, great oldies, local news & information</i>	01W30 52N58	2139	306,1
945	0000-2400	G	Gold	Bexhill (Eastbourne)	0.7	<i>great time music station hits from the 60s, 70s and 80s, sport, local and national news</i>	00E27 50N50	1950	300,5
945		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Larissa	Larissa	5	ERA Larissa: 0500-1200 (Mo-Fr), 0600-0900 (Sa), 1100- (Su); off-channel 945.11 kHz; NET: <i>news px; ERA 2: music px</i>	22E24 39N38	554	201,2
945		IRN	IRIB 1	Sanandaj	?		47E00 35N19	2139	110,2
945		ISR	Galei Zahal	Ramle	100	// 6973v kHz	34E51 31N53	1637	144,1
945	0500-2300	NIG	Kebbi Broadcasting Corporation	Birnin Kebbi	10	in English & Hausa	04E21 12N27	4039	215,0
945	0000-2400	ROU	România Actualități	Miercurea-Ciuc	14		25E49 46N22	245	19,8
945	0200-0000	RUS	Radio Rossii/GTRK "Don-TR"	Rostov-na-Donu	40	GTRK: Mo-Fr at 0410-0500, 0710-0800, 1010-1030, 1310-1400, 1510-1600, 1610-1700; Sat at 0510-0600, 1410-1500, 1510-1600; Sun at 0510-0600, 1410-1500	39E44 47N15	1207	68,9
945		SDN	Sudan National Broadc. Corp.	Al-Foula	5				
945	0000-2400	STP	Radio Nacional	Pinheira	20	in Portuguese	06E43 00N17	5208	205,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
954	0300-2300	CZE	Ceský rozhlas 2/6	various	3-200	Sa/Su 0400-2300; CR6: 1700-2300; txs in Stará Role (a) (20), Husova kolonie (b) (Ceske-Budejovice - 30) and Dobrochov (c) (200 kW); <i>family format</i> ; (a) 12E49 50N15, (b) 14E30 49N59, (c) 17E07 49N23	17E07 49N23	809	317,0
954		E	Onda Cero Radio	Ctra Humera (Madrid)	50	<i>local programmes</i> : 0527-0530, 0555-0559 (Mo-Fr), 0620-0630 (Mo-Fr), 0655-0700 (Mo-Fr), 0720-0730 (Mo-Fr), 0727-0730 (Sa/Su), 0827-0830, 0855-0859 (Mo-Fr), 0857-0900 Sa, 0927-0930, 0955-0959 (Mo-Fr), 0957-1000 Sa, 1025-1029 (Mo-Fr), 1027-1030 (Sa/Su), 1130-1300 (Mo-Fr), 1227-1230 (Sa/Su), 1320-1330 (Mo-Fr), 1400-1500 (Mo-Fr), 1457-1500 (Su), 1527-1530 (Mo-Fr), 1557-1600 (Mo-Fr), 1627-1630 (Mo-Fr), 1657-1700 (Mo-Sa), 1727-1730 (Mo-Fr), 1757-1900 (Mo-Fr), 1850-1853 (Sa/Su), 2030-2032 (Mo-Fr), 2130-2132 (Mo-Fr), 2225-2228 (Su), 2230-2232 (Mo-Fr), 2255-2258 Sa, 2257-2300 (Mo-Fr), 2320-2323 (Sa/Su), 2340-2343		2371	269,5
954		ETH	Radio Sidama	Yirgalem	2.5	approx. 0500-1400 (Mo-Fr), 0400-1500 (Sa/Su); during daytime there might be some breaks in the schedule; in Amharic, Sidamo and English			
954		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Heraklion	Heraklion	10	ERA Heraklion : 0500-1200 Mo-Fr, 0700-1000 Sa, 1300-1700 Mo-Fr; NET : <i>news px</i> ; ERA 2 : <i>music px</i>	25E07 35N20	998	178,0
954	0200-2110	KEN	Kenya Broadcasting Corp.	Nyamina	100	in English; relay China Radio International: 1400-1430			
954	0245-2130	QAT	QRTC Arabic	Al Arish	2000	antenna main beam: just south of west; // 9570 kHz; also relays audio of Al Jazeera TV	51E03 26N03	3112	121,9
954	0400-1600	SYR	Radio Voice of the People 2nd px	North Syria	?				
954	0700-1600	TUR	TRT Trabzon Radio	Trabzon	300		39E46 40N59	1282	101,5
963		ALB	Radio Korçë	Korçë	25		20E48 40N36	523	219,5
963	0000-2400	BUL	Radio Horizont	various	5-50	txs in Sofia (40), Malko Tarnovo (5 kW), Dragoman (40), and Kardzhali (50 kW); <i>music and news</i>			
963	0300-0100	BUL	Radio Shumen	Shumen	mrt/00				
963	0000-2400	CYP	CBC 1	Nicosia	100		33E18 35N03	1262	141,7
963	0000-2400	E	Radio Euskadi	Biribilondo	5	in Spanish	02W49 42N57	2212	275,8
963	-2300	FIN	Radio 86	Pori	600	0300-0500 & 1700-2300 China Radio International (0300-0500 & 1700-2300 in German, Russian, Czech, Polish), 0500-0600 Radio 86 Estonian, 0600-0700 Radio 86 Lithuanian	21E34 61N29	1922	354,9
963	0000-2400	G	Asian Sound Radio	Haslingden	0.2	// 1377 kHz; <i>music, news and information for the Asian community</i>	02W20 53N42	2215	307,8
963	0000-2400	G	Buzz Asia	Lea Bridge Rd	0.95	to East London; <i>Asian/urban music-led service primarily targeting British Asians aged 15-34</i>	00W00 51N30	1998	302,4
963		IRN	IRIB 1	Birjand	10		59E13 32N52	3226	101,3
963	0000-2400	KWT	Main Arabic Px/English+Tagalog+ Persian+ Urdu Programmes	Kuwait City	20	Arabic : 2100-0500 and 1200-1600; English : 0500-0800 and 1800-2100; Persian : 0800-1000; Tagalog : 1000-1200; Urdu: 1600-1800; SW parallel: 15110 (0600-0900), 11990 (2000-2200)	47E59 29N22	2637	121,2
963	0250-2200	MOZ	Emissor Provincial de Tete	Tete	50	in Portuguese	33E35 16S09	6782	170,3
963		POL	Twoje Radio Brzesko	Brzesko	0.5				
963	0000-2400	POL	Twoje Radio Lipsko	Lipsko	0.1	own px : 0630-0730 and 1630-1730; other times relay Polskie Radio Kielce	21E39 51N10	797	344,3
963		POL	Twoje Radio Lubaczów	Lubaczów	0.1	0600-0700 & 1500-1600, other times rebroadcast of Polskie Radio Rzeszów	23E08 50N10	663	350,1
963		POL	Twoje Radio Lubliniec	Lubliniec	0.1	0600-0700 & 1600-1700, other times rebroadcast of Polskie Radio Katowice	18E41 50N40	841	329,5
963		POL	Twoje Radio Radomsko	Radomsko	0.8				
963	0000-2400	POR	Rádio Sim (R.Renascença group)	Seixal	10	standby unit: 1 kW tx (Harris); * south of the capital - the terrain around the tower base becomes submerged (!) during the high tide at the mouth of River Tagus, thus enhancing signal take off.	09W05 38N38	2866	269,2
963	1000-0600	SDN	Sudan National Broadc. Corp.	Khartoum	100	currently broadcasts Salam Radio (Peace Radio)	32E32 15N35	3277	164,6
963		TUN	Radio Tunisia Cultural channel	Tunis	200	in Arabic; ID: 'Idha'at al Thakafiya'	10E11 36N48	1482	240,8

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
965	0600-2400	SEN	Chaîne Nationale	Matam	1	in Arabic	13W20 15N37	4788	240,4
972	0000-2400	BOT	Radio Botswana	Sebele	50				
972		D	NDR Info	Hamburg	100	<i>relays: Hamburger Hafenkonzert Sun 0500-0700, Funkhaus Europa 1500-1700 (Mo-Fr), BBC WS (Europe Today) 1700-1730, sea weather report and navigational warnings at 0730-0745, 2105-2120 and 2305-2320</i>	10E07 53N31	1475	319,2
972		E	Radio Nacional	various	2/5	<i>regional px: 0625-0630 (Mo-Fr), 0815-0830 (Mo-Fr), 1210-1300 (Mo-Fr), 1210-1300 (Sa/Su); txs in La Paz (a) (Cabra - 2), and Piñeira (b) (Monforte de Lemos - 5 kW); (a) 04W27 37N27, (b) 07W32 42N30</i>	07W32 42N30	2598	277,0
972		ETH	Radio Ethiopia	Robe	100	<i>Mo-Fr 0300-0600 & 0800-2000; Sa/Su 0400-2000; English: Mo-Fr 1030-1100</i>	40E00 07N08	4390	155,7
972	0000-2400	G	Buzz Asia	Glade Lane (London)	1	<i>to West London; Asian/urban music-led targeting British Asians aged 15-34</i>	00W00 51N30	1998	302,4
972		IRN	IRIB 1	Ilam	?				
972	0530-2350	LBY	Radio Jamahiriyah	Sirt	50				
972		MEL	Radio Nacional	Melilla	5		02W55 35N15	2553	256,3
972	0430-2300	NIG	Katsina State Broadcasting Corp.	Katsina	50	<i>in English and Igbo</i>	07E36 13N00	3843	210,4
972	0500-2300	NIG	Kogi Broadcasting Corporation	Otite	10				
972	0300-1300	UAE	United Arab Emirates Radio	Fujairah	100	<i>in Arabic</i>			
972	0800-2300	UKR	Ukrainske Radio 1	Nikolaev	250		35E45 47N49	935	61,4
981	0500-0300	ALG	Alger Chaîne 2	Ouled Fayet	100	<i>in Tamazight</i>	03E09 36N40	2005	252,4
981	0000-2400	EGY	Egyptian Radio	Abu Simbel	1		31E37 22N21	2521	163,3
981	0200-2200	EGY	Egyptian Radio	Assut	10				
981	0300-2400	EGY	Egyptian Radio	Baris	1		30E36 24N40	2247	164,4
981		GRC	ERA SPORT	Athinai	200		23E25 37N58	713	189,3
981	0600-1830	I	Rai "Trst A"	Trieste	10	<i>Su from 0700; transmissions in Slovenian by Rai Friuli Venezia Giulia</i>	13E46 45N40	875	283,8
981	0000-2400	IRL	Radio Star Country	Emmyvale	1				
981		IRN	IRIB 1	?	?				
981	0200-2110	KEN	Kenya Broadcasting Corporation	Voi	100	<i>in English; relay China Radio International: 1400-1430</i>	38E34 03S23	5479	161,6
981	0000-2400	POR	Rádio Sim (R.Renascença group)	various	1/10	<i>24h; txs in Bragança (a), Vila Real (b), Guarda (c) en Coimbra (d) (last one 10 kW); (a) 06W45 41N48, (b) 07W34 41N16, (c) 07W15 40N32, (d) 08W24 40N13</i>	08W24 40N13	2745	272,1
990	0000-2400	AGL	Emissora Provincial do Bié	Kuito	50		16E56 12S23	6352	189,1
990	0400-1100	ALB	Radio Kukës	Kukës	16	<i>on Monday only</i>	20E23 42N09	426	237,4
990	0000-2400	CYP	Radio Sawa	Cape Greco	600	<i>in Arabic; aimed at Egypt and Levant countries (140 degrees)</i>	34E05 34N57	1310	139,3
990	0000-2400	D	DeutschlandRadio Kultur	Berlin-Britz	100	<i>cultural and music px ; // 6005 kHz</i>	13E26 52N27	1229	321,5
990		E	SER Radio Bilbao	Monte Archanda (Bilbao)	10	<i>regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc</i>	02W54 43N16	2211	276,8
990		E	SER Radio Cádiz	Cádiz	5	<i>regional and local programmes, see above</i>	06W17 36N31	2746	262,4

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
990		ETH	Radio Ethiopia External Service	Addis Ababa	1	0700-0800 Somali, 1200 Somali. 1300 Afar. 1400 Arabic, 1500 Tigre, 1530 Arabic, 1600 English, 1700-1800 French; monitored on 989 kHz		4145	156,8
990		G	BBC Radio 5 Live	Tywyn	1		04W06 52N35	2298	303,9
990	0000-2400	G	BBC Radio Devon	Exeter	1	0500-???? local programmes, ???-0500 BBC Radio 5; during weekends local programmes start at 0700	03W31 50N41	2222	298,7
990		G	BBC Radio Nan Gaidheal	Aberdeen	1	px in Gaelic; also relay of BBC Radio Scotland and BBC World Service	02W06 57N08	2342	317,0
990	0000-2400	G	Gold Digital WABC	Sedgley (Wolverhampton)	0.09	<i>good times, great oldies</i>	02W08 52N32	2143	301,6
990	0000-2400	G	Magic AM	Crimpsall (Doncaster)	0.25	<i>easy favourites, soft adult contemporary, local news & information</i>	01W07 53N32	2133	307,9
990		IRN	IRIB 1	Shiraz	400	also relay of VOIRI	15E48 40N38	838	244,0
990	0430-0005	NIG	Lagos State Broadcasting Corp.	Ikeja	10	in English & Yoruba	03E21 06N36	4679	212,7
990	1200-1400	RUS	Radio Slavyanka	Povarovo	15	Mo-Fr	37E38 55N45	1566	31,1
990		RUS	Radio Zvezda	Moskva	?	government led station 'Radio Star'	37E37 55N45	1566	31,1
990	0200-2100	TZA	Radio Tanzania	Songea	100/10	in Swahili	35E39 10S41	6213	167,0
999	0000-2400	F	DRM - TDF	Paris Villebon-sur-Yvette	8		02E15 48N42	1782	293,9
999	0000-2400	ARS	BSKSA Quran px	Tabuk	?		36E35 28N23	2059	145,3
999	0000-2400	E	COPE Madrid	Majadahonda	50	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	03W50 40N26	2374	269,6
999	0000-2400	G	BBC Radio Solent	Fareham	1	0500-???? local programmes, ???-0500 BBC World Service; during weekends local programmes start at 0600	01W13 50N51	2065	299,8
999	0000-2400	G	Gold Digital GEM	Trowell (Nottingham)	0.25	<i>good times, great oldies, local news and information</i>	01W17 52N56	2124	306,1
999	0000-2400	G	Magic 999	Longton (Preston)	0.8	<i>music led over 30s station for the Blackpool and Preston area with local news & information</i>	02W48 53N43	2245	307,6
999		G	Radio Wanno (LPAM)	Wandsworth	0.001	airing one hour a day (no details known)			
999	0500-2300	I	Rai Radio 1	various	2-50	txs in Capo Vaticano (2), Rimini (6), Perugia (a) (20 kW), Torino (50 kW) (b); regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su): RAI Calabria (via Capo Vaticano), RAI Umbria (via Perugia), RAI Piemonte "Gazzettino del Piemonte" (via Torino), RAI Emilia Romagna (via Rimini); antenna Rimini: 100 meter tower; (a) 12E25 43N03, (b) 07E50 45N12	12E25 43N03	999	266,3
999	0500-1300	IRQ	Radio Bilad	Baghdad	2	ID: 'Idha'at al-Bilad min Baghdad'	44E24 33N20	2086	119,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
999		MDA	Voice of Russia/ Trans World Radio	Maiaç	500	Voice of Russia: 0700-1900 WS Russian, 2100-000 WS Russian; Trans World Radio: 1900-2030 Russian, Ukrainian, Belarusian; Radio Pridnestrovye: 0300-0500 (Mo-Fr); Trans World Radio: 2000-2030 (Mo) Russian, 2000-2030 (We-Fr) Ukrainian, 2000-2015 (Sa) Ukrainian, 2030-2100 (We-Fr) Russian (Sa 2015-), 2030-2100 (Sa) Ukrainian, 2030-2100 (Mo) Belorussian antenna is non-directional	29E24 47N14	487	46,3
999	0000-2400	MLT	Radio Malta 1	Bizbizja	5		14E28 35N55	1275	226,5
999	0000-2400	MRC	RTM A	Tanger	300	in Arabic	05W59 35N35	2773	260,2
999		QAT	QRTC	Al Khaisah		Quran px: 0245-0700; Folk px: 1300-1600; Urdu: 1600-1900			
999	0000-2400	SRB	Radio Beograd 1	Kladovo	1		22E36 44N35	172	281,3
999		UGA	Radio Uganda Blue Network	Kabale	100	Mo-Fr 0300-1200 & 1300-2100, Sa-Su 0345-2100; all in English and ethnic languages	31E44 00S30	5030	170,1
1008		BFA	Radio Bobo	Bobo-Dioulasso	10	Mo-Fr: 0600-0800, 1200-1400, 1600-2400; Sa-Su: 0800-2400	04W18 11N12	4610	226,0
1008	0500-2200	BLR	Kanal Kultura	various	7/25	0500-2200 (Sa/Su 0600-2200; 1600-2200 via Grodno) txs in Hrodna (a) (7), Smiatanicy (b) (7), Jasnyles (c) (Babruisk - 25), and Grodno (5 kW); also relay of 1st programme during daytime but not via Grodno; reported drifting to 1006.8 kHz; (a) 23E50 53N01, (b) 28E33 52N16, (c) 29E21 53N13	29E21 53N13	1047	17,1
1008		CNR	Punto Radio Las Palmas	Arucas (Gran Canaria)	25		15W31 28N07	3982	256,9
1008		E	SER Radio Alicante	Alicante	3	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	00W29 38N21	2197	261,2
1008		E	SER Radio Extremadura	Badajoz	10	regional and local programmes, see above	06W58 38N53	2686	268,1
1008		E	SER Radio Girona	Sarrià de Dalí	5	regional and local programmes, see above	02E50 42N00	1790	269,4
1008	0000-2400	EGY	Egyptian Radio	El Farafara	1				
1008	0400-2000	EGY	Egyptian Radio	El Fayoum	10				
1008	0600-2200	EGY	Radio Egypt/Voice of Palestine/ Voice of the Arabs	El Arish	100				
1008		GRC	NET 1st px/ERA 2/ERA SPORT + ER5A Kerkyra	Corfu	50	ERA Kerkyra: 0500-1300 (Mo-Fr), 0500-2300 (Su), 1330-1600 (Mo-Fr); NET: news px; ERA 2: music px	19E54 39N36	658	219,1
1008		HOL	GrootNieuwsRadio	Zeewolde	200*	religious programmes ; * max. power radiation at 133 degrees, reduction of 4dB at 180° and 11 dB at 300°, no other reductions	05E25 52N23	1679	309,2
1008		IRQ	Voice of Fadhila	Najaf	?				
1008	0250-2200	MOZ	Emissão Interprovincial de Maputo e Gaza	Maputo	50	in Portuguese & Tsonga	32E35 25S58	7854	172,5
1008	0500-2300	NIG	Osun State Broadcasting Corp.	Iree	10	in English & Hausa			
1008		SRB	Radio Beograd 2/3	Beograd	0.5		20E08 44N38	367	277,4
1008	0255-2130	YEM	Radio Sana'a National px	Al-Hudaydah?	600	24h planned; local programme: 0700-????	42E57 14N48	3704	146,6

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1010	0000-2400	AGL	Emissora Provincial do Huambo	Luanda	1	probably inactive or very irregular	13E14 08S50	6021	194,1
1017	0000-2400	BUL	Radio Horizont	Kardzali	50	also programmes in Turkish; <i>music and news</i>	25E12 41N29	316	172,9
1017	0000-2400	D	SWR Cont.Ra	Wolfsheim	100	will be switched off end of 2011	08E03 49N53	1403	302,1
1017		E	Radio Nacional 5	various	5/10	10800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); Via Burgos: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711) txs in Cúllar Vega (a) (Granada) and San Bartolomé (b) (Burgos); news programmes; (a) 03W41 37N10, (b) 03W42 42N20	03W24 42N10	2280	273,9
1017	0000-2400	G	Gold Digital WABC	Shrewsbury	0.63	<i>good times, great oldies</i>	02W47 52N42	2214	304,7
1017		IRN	IRIB 1	?	?				
1017	0200-2110	KEN	Kenya Broadcasting Corporation	Nyeri	20	in Swahili	36E57 00S25	5118	162,9
1017	0430-2300	NIG	Adamawa Broadcasting Corp.	Yola	10	in English & Hausa	12E52 10N23	3940	200,4
1026	0500-0100	ALG	Alger Chaîne 1	Hassi-Messaoud	5	in French	06E04 31N43	2143	235,6
1026	0500-2200	BLR	Kanal Kultura	various	5-25	txs in Dubej (a) (Salihorsk - 5), Heraneny (b) (5), Heraniony (c) (Hrodna - 5), Pasenicy (d) (Pinsk - 7), Brest (7), and Teljaki (e) (Myadzel - 25) <i>(a) 27E30 52N48, (b) 25E35 54N07, (c) 23E50 53N01, (d) 26E03 52N12, (e) 26E48 54N57</i>	26E48 54N57	1193	6,4
1026		E	SER Radio Jaén	Monte Santa Catalin (Jaén)	5	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	03W47 37N47	2485	263,0
1026		E	SER Radio Jerez	Jerez de la Frontera	5	regional and local programmes, see above	06W08 36N41	2726	262,6
1026		E	SER Radio Reus	Reus	10	regional and local programmes, see above	01E04 41N09	1958	268,0
1026		E	SER Radio Salamanca	Ctra Madrid	10	regional and local programmes, see above	05W39 40N58	2498	272,1
1026		E	SER Radio Asturias	Oviedo	5	regional and local programmes, see above	05W52 43N23	2442	278,4
1026		E	SER Radio Vigo	Sampayo	5	regional and local programmes, see above	08W41 42N15	2696	276,9
1026		G	BBC Radio Cambridgeshire	Chesterton Fen	0.5	overnight relay of BBC Radio 5 Live (exc. regional px Sa night)	00E10 52N13	2007	304,7
1026		G	BBC Radio Jersey	Trinity	1		02W06 49N14	2104	294,6
1026	0000-2400	G	Downtown Radio	Knock-Breckan (Belfast)	1.7	<i>chart & classic hits, news and information, specialist music</i>	05W53 54N32	2463	308,4
1026	0000-2400	IRN	IRIB 1	Tabriz	100	relay of VOIRI: 1200-1330 and 1630-1730 in English	46E18 38N05	1925	103,6
1026		ISR	Reshet Dalet Programme D	Tel Aviv	50		34E50 31N50	1641	144,2
1026		MKD	Radio Skopje	Skopje	5		21E54 41N47	362	220,4
1026	0250-2200	MOZ	Emissor Provincial de Manica	Chimoio	50	in Portuguese	33E29 19S07	7108	170,8
1026	0600-0100	MRC	RTM B	Rabat-Temara	1	in French, English and Spanish	06W55 33N54	2943	257,8
1026	0500-2205	NIG	Jigawa Broadcasting Corp.	Dutse	25		09E20 11N47	3904	206,9
1026		SDN	Sudan National Broadc. Corp.	Al-Damazin	5				

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1035	0000-2400	EST	Tartu Family Radio	Tartu	200	in Russian (Tartuiskoye Semeinoye Radio); relays TWR Russian 0300-0500 & 17-1800 (Mo/We/Fr) & 1900-2100; <i>religious programmes</i> ; non-directional	27E06 58N25	1578	5,1
1035		ETH	Radio Oromia	Adama	10		39E17 08N34	4215	156,1
1035		G	BBC R. Sheffield/BBC Asian Netw.	Sheffield	1	BBC Asian Network: Mo-Fr 1900-0100, local px Sa-Su 1900-0100	01W29 53N21	2150	307,2
1035	0000-2400	G	Kismat Radio	Crystal Palace	1	<i>Asian oriented programmes</i>			
1035	0000-2400	G	Northsound Two	Nigg (Aberdeen)	0.78	<i>adult pop, live football, local news & information</i>	02W04 57N07	2339	317,0
1035	0000-2400	G	West Sound AM	Symington (Ayr)	0.32	<i>easy listening with local and national news plus live football</i>	04W34 55N32	2415	311,5
1035	0500-2300	I	Rai Radio 1	various	1-2	regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su); RAI Abruzzo (via Pescara), RAI Puglia (via Salento Specchia); txs in Pescara (a) (1) and Salento Specchia (b) (2 kW); (a) <i>14E13 42N28</i> , (b) <i>15E11 40N15</i>	15E11 40N15	905	243,5
1035		IRN	Radio Payam	Yazda	20/50	ID: "Inja Yazda Radio Payam"			
1035		JOR	Amman FM	?	?			1686	141,1
1035	0000-2400	MRC	RTM-A	Rabat	5	// 540 kHz	06W55 33N54	2943	257,8
1035	0000-2400	POR	Star FM	Belmonte	30*	* tx is 100 kW but runs at 1/3 power		2826	269,6
1044	0000-2400	CYP	CBC 3	Limassol	10		32E56 34N42	1277	143,9
1044		D	MDR-Info	Wilsdruf	20	occasionally carries parliament coverage from Dresden	13E30 51N03	1125	315,8
1044		E	SER Radio San Sebastián	Monte Igueldo	10	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	01W59 43N19	2137	276,5
1044		E	SER Radio Valladolid	Passeo de la Galliner	10	regional and local programmes, see above	04W43 41N39	2401	273,3
1044		ETH	Radio Ethiopia	Mekele	200?	power unconfirmed		3699	153,0
1044	0000-2400	GEO	Radio Iveria	Tbilissi	?	<i>religious and educational px</i> ; Iveria is the old name for Georgia			
1044	0000-2400	GRC	Macedonia 1	Perea	150		22E54 40N30	449	200,2
1044	0200-2110	KEN	Kenya Broadcasting Corp.	Malindi	100	in English; relay China Radio International: 1400-1430	40E07 03S13	5502	159,6
1044	0800-0100	MRC	RTM A/C	Sebaâ-Aioun	20?		05W23 33N54	2824	256,2
1044	0000-2400	RUS	Radio Liberty	Kurkino	20	in Russian		1566	31,1
1053	1300-0300	ARS?	Voice of Iraqi People	?	?	variable sign-off; // 9563, 9570 or 9750, 11710 or 11715; ID "Idha'at Sawt al-Shab al-Iraqi"			

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1053	0457-2400	E	COPE Zaragoza	Zaragoza	20	antenna height: 54 metres; regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	00W53 41N38	2097	270,8
1053	0457-2400	E	COPE Castellón	Ctra Chilches	5	for regional and local programmes, see above	02W06 52N18	2159	303,9
1053		G	TalkSPORT	Droitwich	1-500	txs in Rosemarkie (1), Hull (a) (1), Dundee (b) (1), Exeter (c) (1), Bournemouth (d) (1), Plumer Barracks-Plymouth (e) (1), Stockton on Tees (1), Londonderry (f) (1), Brighton (g) (2.2), Tonbridge (4), Dumfries (h) (10), Postwick (i) (18), Start Point (j) (100) and Droitwich (k) (500 kW) <i>sports commentary, comments & coverage</i> ● weekday evenings and Sa/Su afternoons in football season some transmitters carry live football commentary whilst others carry regular programmes ● via Scottish txs: own programmes 1600-1900 (Mo-Fr) <i>(a) 00W14 53N43, (b) 02W55 56N27, (c) 03W31 50N41, (d) 01W52 50N44, (e) 04W07 50N24, (f) 07W22 55N00, (g) 00W15 50N50, (h) 55N01°38.22' 03W28°59.76', (i) 01E24 52N38, (j) 03W40 50N14, (k) 02W06 52N18</i>			
1053	0700-1700	IRQ	Radio As-Salam	Baghdad	1	ID: 'Idha'at as-Salam min Baghdad'	44E24 33N20	2086	119,1
1053	0530-2350	LBY	Radio Jamahiriyah	Tripoli	100		13E00 32N50	1629	222,5
1053	-2300	MRC	RTM A	Beni Makada	10	sometimes // 1044 kHz			
1053	0355-2000	ROU	Radio Iasi	Iasi	400	ID "Aici Iasi, Radio Moldova, Romania" (Iasi phonetic becomes "yash")	27E27 47N11	384	32,4
1053	0000-2400	RUS	Radio Mariya	Sankt-Petersburg	10		30E00 59N44	1752	9,8
1062	0000-2400	CZE	Country Radio	Zbraslav	20*	(*: 0600-1800 at 20 kW, 1800-0600 at 1 kW); <i>country music</i>	14E23 49N57	1002	312,5
1062	0445-1735	DNK	DR P5	Kalundborg	250	0445-0451: Weather forecast, 0451-0500: // DR P4, 0500-0507: News (// DR P4), 0730-0740: Gymnastics, 0740-0745: Interval signal, 0745-0800: Weather forecast, 0800-0807: News (// DR P4), 1045-1100: Weather forecast, 1100-1130: News (// DR P1 and DR P4), 1645-1700: Weather forecast, 1700-1716: Navigational warnings, 1735 sign off; station will cease on 27 June 2011	11E04 55N40	1592	327,4
1062	0500-2300	I	Rai Radio 1	various	2-25	txs in Ancona (10), Catania (a) (20), Cagliari (b) (25), and Trento (2 kW); regional programmes: at 0620- 0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su): RAI Marche (via Ancona), RAI Trentino (via Trento), RAI Sicilia (via Catania) and RAI Sardegna (via Cagliari); via Trento only: 1745-1800 local programme "Giornale Radio del Trentino Alto Adige"; via Cagliari 1855-1900 <i>(a) 15E03 37N23, (b) 08E52 39N20</i>	08E52 39N20	1423	252,7
1062	0430-2300	NIG	Enugu State Broadcasting Services	Onitsha	10	in English & Igbo	06E47 06N10	4586	207,7
1062		POL	Twoje Radio Cmolas	Cmolas Kolbuszowa	0.1	0430-0530 (Mo-Sa), 1100-1300 (Su), 1530-1630 (Mo-Sa); also relay of Radio Rzeszów (Polskie regional station)			
1062		POL	Twoje Radio Jarosław	Jarosław	0.5				

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1062		POL	Twoje Radio Puławy	Puławy	1	own programmes: 0600-0700 and 1600-1700; other times relay of Polskie Radio Lublin	21E58 51N25	818	346,4
1062		POL	Twoje Radio Sanok	Sanok	0.8				
1062	0000-2400	SRB	Radio Novi Pazar/R. Beograd 1	Novi Pazar	1		20E32 43N10	360	251,0
1062	0700-1800	TUR	TRT Radio Diyarbakir	Diyarbakir	300	in Kurdish & Turkish	40E19 37N49	1489	113,6
1071		ALG	Alger Chaîne 1	Illizi	5		08E28 26N30	2458	221,8
1071		ARS	General Arabic Px/Call of Islam	?	?				
1071	0000-2400	BOT	Radio Botswana	Jwaneng	25				
1071	0350-0100	EGY	Middle East Radio	Cairo	100		31E15 30N03	1685	157,9
1071		G	TalkSPORT	various	1	txs in Clipstone (a) and Wrekenton; (a) 01W06 53N10	01W06 53N10	2120	306,9
1071		IRN	IRIB/Radio Maaref	Qom	?		50E53 34N39	2473	106,7
1071		IRQ	Radio Babil	Hilla	?				
1071		SDN	Sudan National Broadc. Station	Wou	5				
1071		SYR	Al Nur Radio	Tartus Amrit	100	broadcasting to Lebanon	35E54 34N51	1419	134,0
1071	0300-2215	YEM	Radio Sana'a	Ta'izz	30		44E02 14N47	3755	144,9
1080		E	SER Radio Coruña	Elviña	3	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	08W24 43N20	2643	279,4
1080		E	SER Radio Granada	Granada	5	regional and local programmes, see above	03W41 37N10	2508	261,4
1080		E	SER Radio Huesca	Estrecho Quinto	10	regional and local programmes, see above	00W25 42N08	2044	272,1
1080		E	SER Radio Mallorca	Son Espanyol	5	regional and local programmes, see above	02E39 39N34	1895	261,6
1080		E	Onda Cero Toledo	Toledo	5	local programmes: 0527-0530, 0555-0559 (Mo-Fr), 0620-0630 (Mo-Fr), 0655-0700 (Mo-Fr), 0720-0730 (Mo-Fr), 0727-0730 (Sa/Su), 0827-0830, 0855-0859 (Mo-Fr), 0857-0900 Sa, 0927-0930, 0955-0959 (Mo-Fr), 0957-1000 Sa, 1025-1029 (Mo-Fr), 1027-1030 (Sa/Su), 1130-1300 (Mo-Fr), 1227-1230 (Sa/Su), 1320-1330 (Mo-Fr), 1400-1500 (Mo-Fr), 1457-1500 (Su), 1527-1530 (Mo-Fr), 1557-1600 (Mo-Fr), 1627-1630 (Mo-Fr), 1657-1700 (Mo-Sa), 1727-1730 (Mo-Fr), 1757-1900 (Mo-Fr), 1850-1853 (Sa/Su), 2030-2032 (Mo-Fr), 2130-2132 (Mo-Fr), 2225-2228 (Su), 2230-2232 (Mo-Fr), 2255-2258 Sa, 2257-2300 (Mo-Fr), 2320-2323 (Sa/Su), 2340-2343			
1080	0300-2400	EGY	Egyptian Radio	various	10	txs in El Minya and Luxor			
1080		ETH	Radio Fana	Addis Ababa	?	Mo-Fr 0330-0530, 0900-1100, 1500-2000; Sa/Su 0330-0800, 0900-1100, 1200-1400, 1500-1800 in Amharic, Oromifa, Somali, Afar; // 6210, 6940 kHz		4145	156,8
1080		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Orestiada	Orestiada	10	ERA Orestiada: 0503-1300 (Mo-Fr), 0900-1300 (Sa); NET: news px; ERA 2: music px	26E32 41N30	344	154,2
1080		HOL	Dream Radio	Nederlands Limburg	0.01	1000-1200 (Sa)			
1080		IRN	IRIB 1/VOIRI	Abadan	750	VOIRI: 0330-2130; SW parallel: 6200 kHz; also relay from Voice of Palestine: 1930-2030; ID "Sawt al-filistin, sawt al-thawrah al-islamiyah al-filistinayah"			

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
1080		ISR	Reshet Bet	Jerusalem	10				
1080	0500-2350	LBY	Radio Jamahiriyah	various	20/40	txs in Jalo (a) (20) and Ajedabia (b) (40 kW); (a) 21E15 28N50, (b) 20E13 30N45	20E13 30N45	1558	196,2
1080	0000-2400	MRC	RTM Q	Casablanca	>1	Arabic transmissions; observed on 1079.9v kHz	07W40 33N36	3019	258,0
1080	0300-0000	RUS	Radio Rossii/Radio Mordovii	Saransk	150	Radio Mordovii: 0310-0400 (Mo-Fr), 0410-0500 (Mo-Fr) in Russian and Mordovian	45E06 54N12	1832	45,9
1080	0300-2200	RUS	Radio 69	Murmansk	30		32E46 68N48	2763	6,9
1088	0000-2400	ALG	Radio Nacional de Angola	Mulenvos	25		13E21 08S50	6018	193,9
1089	1500-2200	ALB	RTVSH 1	Shijak	150		19E28 41N18	544	234,0
1089	0000-2400	ALG	Alger Chaîne 1	Adrar	5	also local px from Radio Adrar	00W19 27N51	2880	239,0
1089		ARS	BSKSA 2	Qurayyat	10				
1089		G	TalkSPORT	various	0.004-400	txs in Dartford Tunnel (0.004), Lanner (a) (Redruth - 2), Redmoss (b) (2.2), Lisnagarvey (c) (12.5), Washford (d) (80), Westerglen (e) (125), Moorside Edge (f) (400) and Brookmans Park (g) (400 kW); <i>sports commentary, comments & coverage</i> <ul style="list-style-type: none"> • weekday evenings and Sa/Su afternoons in football season some transmitters carry live football commentary whilst others carry regular programmes • via Scottish txs: own programmes 1600-1900 (Mo-Fr) (a) 05W13 50N13, (b) 02W05 57N07, (c) 06W04 54N30, (d) 03W21 51N10, (e) 03W50 55N58, (f) 01W54 53N38, (g) 00W11 51N44 	00W11 51N44	2016	303,0
1089	0430-2305	NIG	Adamawa Broadcasting Corp.	Yola	50	in English & Hausa; // 3326 kHz	12E29 09N12	4078	200,5
1089	1600-2200	RUS	Voice of Russia/Yevangelskiye Chteniya	Tbilisskaya	1200	1600-1700 VO Russian in Russian, 2100-2200 Yevangelskiye Chteniya in Russian	40E06 45N28	1216	78,5
1089	0000-2400	RUS	Radio Teos	Popovka	50	<i>religious programmes</i>			
1098	0000-2400	ALG	Radio El Wahat	Ouargla	5	also relay of Chaîne 1	05E05 31N57	2190	237,8
1098		ARS	BSKSA 2	Dammam	5				
1098	0400-2200	CYP	Bayrak Radio 1	Yeni Iskele	100	Turkish transmissions, also some English transmissions	33E54 35N17	1271	139,0
1098		E	Radio Nacional 5	various	5/10	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); Via Avila: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711) txs in Aljaraque (a) (Huelva - 5), Roquetas del Mar (b) (Almería - 10), Arrieiras-Fontao (c) (Lugo - 10 kW) and Camino Tornadizos (Avila); news programmes; (a) 06W55 37N15, (b) 02W38 36N43, (c) 07W34 42N58	07W34 42N58	2587	278,1
1098	0000-2400	IRN	IRIB 1/VOIRI	Zabol	200	VOIRI in Pashtu: 0230-0330, 1230-1330, 1430-1530, 1630-1730 – in Urdu: 0130-0230, 1330-1430, 1530-1630; other times IRIB1	61E30 31N02	3519	102,2
1098	0200-0000	RUS	Radio Rossii	Vologda	5		40E00 59N12	1952	26,6
1098	0500-1730	SVK	SRo 5 - Rádio Patria/R. Noviny / Radio Devín	Nitra-Jarok	10	1700-1730 Radio Noviny in Slovak; other times Rádio Patria in Hungarian and Radio Devín in the evening			
1107	0000-2400	D	AFN Bavaria	Vilseck	10	local px: 0500-0800 (Mo-Fr), 1000-1200, 1400-1700; 11E57 49N43	11E57 49N43	1139	306,4
1107	0000-2400	D	AFN Power Network	Kaiserslautern	10		07E43 49N30	1412	300,2
1107		E	Radio Nacional 5	various	5-25	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); Via Ponferrada: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711) txs in Aldea Cano (a) (Cáceres - 5), Rostrio (b) (Santander - 10), Fuentesnuevas (c) (Ponferrada - 10), La Muela (d) (Teruel - 10) and La Grajera (e) (Logroño - 25 kW); news programmes; (a) 06W20 39N20, (b) 03W51 43N28, (c) 06W39 42N34, (d) 01W08 40N20, (e) 02W30 42N26	02W30 42N26	2201	274,2

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1107		EGY	Voice of Arabs/Radio Wady El Nile/Voice of Palestine	Batrah	600	2330-0500 VO Arabs, 0500-0600 Wady El Nile, 0600-0800 and 1200-1500 VO Palestine, 1500-1800 Wady El Nile	31E26 31N10	1573	155,9
1107	0000-2400	G	Moray Firth Radio	Tarbat Ness	1.5	<i>contemporary & Scottish music, news and information</i>	03W48 57N50	2467	317,7
1107		G	TalkSPORT	various	0.5-2	txs in Wallasey (a) (0.5), Occombe (1), Fareham (b) (1), Duxhurst (1), Boston (1) and Lydd (c) (2); <i>(a) 03W04 53N26, (b) 01W13 50N51, (c) 00E55 50N57</i>	00E55 50N57	1921	301,1
1107	0000-2400	I	Rai Radio 1	Roma	100	0500-2300 Radio 1, 2300- 0500 Notturmo Italiano: English news at 0003, 0103, 0203, 0303 and 0403; French news at 0006, 0106, 0206, 0306 and 0406; German news at 0009, 0109, 0209, 0309 and 0409; regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su): RAI Lazio	12E35 41N42	1028	257,9
1107		IRN	IRIB	Sabzevar	1				
1107	0200-2110	KEN	Kenya Broadcasting Corporation	Maralal	100	in Swahili; relay China Radio International: 1400-1430	36E42 01N06	4947	162,8
1107	0255-2200	MWI	Malawi Broadcasting Corp.	Nkhota Kota	1	in English & Chichewa	34E18 12S55	6436	169,0
1107	0400-2305	NIG	FRCN Kaduna National Station	Jaji	25	in Hausa	07E34 10N49	4071	209,1
1107		RUS	Radio Narodnoye	Samara	50	0500-0900 & 1100-1600; will very possibly leave its licence due to both insolvency and licence discrepancy	50E10 53N11	2095	52,9
1107	0000-2400	SRB	Radio Beograd 1	Orlovat	100		20E35 45N15	344	289,3
1110	0500-2300	AGL	Emissora Provincial do Kuanza-Sul	Sumbe	1	probably inactive or very irregular	13E50 11S12	6269	192,9
1116		DJI	RDT de Djibouti	Doraleh		1000-1200 & 1530-1800 in French	43E51 11N35	4071	147,5
1116		E	SER Radio Albacete	Ctra Mahora (Albacete)	5	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	12E52 50N37	1133	312,5
1116		E	SER Radio Pontevedra	Pontevedra	10	regional and local programmes, see above	08W43 42N27	2693	277,4
1116	1900-0100	G	BBC Radio Derby/BBC Asian Network	Burnaston Lane	1.2	BBC Asian Network: Mo-Th 1900-0100, Fr 2100-0100, local px Sa 1900-2100 and Su 1800-0100	01W25 52N52	2130	305,8
1116		G	BBC Radio Guernsey	Rohais	0.5	overnight relay of BBC Radio 5 Live	02W34 49N28	2140	295,3
1116	0500-2100	HNG	Radio Győr	Mosonmagyaróvár	5	ID: Nyugat-Dunántúli Régió Rádió; non-directional 105 meter antenna mast	17E18 47N50	695	307,1
1116	0325-2315	HNG	Radio Miskolc/MR1-Kossuth Rádió	Miskolc	15	MR1-Kossuth Rádió: 0325-0700 and 2100-2315; Radio Miskolc (Észak-Magyarországi Régió Rádió): 0700-2100; non-directional 60 meter antenna mast	20E50 48N06	518	326,0
1116		HOL	Radio Bloemendaal	Bloemendaal	0.5	Sundays and Christian holidays 0800-2000, also Tuesdays 1100-1130 (sometimes a bit longer); <i>protestant religious programmes</i>	04E36 52N24	1730	308,5
1116	0500-2300	I	Rai Radio 1	various	2-02	0500- 2300; txs in Aosta (a) (2), Palermo (b) (10), Cuneo (c) (20), and Bari (d) (5 kW); regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su): RAI Sicilia (via Palermo), RAI Piemonte (via Cuneo), RAI Puglia (via Bari); 1830-1835 (Mo- Sa): RAI Sicilia (via Palermo); <i>(a) 07E20 45N44, (b) 13E22 38N07, (c) 07E32 44N23, (d) 16E51 41N08</i>	07E32 44N23	1365	276,4
1116	0000-2400	IRN	IRIB1/Voice of Rebellious Iraq	Bandar Lengeh	125	0330-0600 VO Rebellious Iraq, 0600-1600 IRIB 1, 1600-1930 VO Rebellious Iraq, 1930-0330 IRIB 1	54E53 26N33	3339	116,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1116	0500-1800	IRQ	Radio Daru-Salam	Baghdad	5/2.5	ID: 'Idha'at-il Dar as-Salam min Baghdad, Sowt-il Hezb-il Islami al-Iraq'	44E24 33N20	2086	119,1
1116	0300-1930	IRQ	Vo Iraqi Kurdistan	Salah al Din	?	ID Kurdish: 'Era Dengi Kurdistanira Iraka', Arabic: 'Huna Sawt al-Kurdistan al-Iraq'		1864	111,5
1116	0510-0700	KAL	GTRK Yantar/Radio Rossii	Bolshakovo	30	GTRK Yantar: 0510-0700 (Mo-Fr), 0610-0700 (Sa); Radio Rossii: 0500-0510 (Mo-Fr), 0700-0900 (Sa)			
1116		MRC	RTM	Ouarzazate	5	local languages	06W54 30N53	3134	252,4
1116	0200-0000	RUS	Radio Rossii	Sochi	30		39E23 43N35	1174	88,8
1125		BEL	RTBF Vivacité	Houdeng	9.5		04E08 50N29	1689	301,3
1125	0300-2400	BLR	Kanal Kultura	various	10/150	txs in Baranavicy (a) (10) and Minsk (b) (Kolodishchi - 150 kW); (a) <i>26E00 53N07</i> , (b) <i>27E46 53N56</i>	27E46 53N56	1093	10,5
1125		E	Radio Nacional 5	various	10	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); Via Soria: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711) txs in Granja Escuela (a) (Badajoz), Almazora (b) (Castellón), Valonsadero (c) (Soria), San Bernardo (d) (Toledo) and Berrostequieta (e) (Vitoria - via Vitoria ID local px: "R5 Todos Noticias Alava"); news programmes; (a) <i>06W58 38N53</i> , (b) <i>00W00 39N56</i> , (c) <i>02W30 41N48</i> , (d) <i>04W01 39N52</i> , (e) <i>02W42 42N49</i>	02W42 42N49	2206	275,4
1125	0000-2400	G	BBC Radio Wales	Llandrindod Wells	1	0600-2000 and 2100-2210, other times BBC World Service	03W23 52N14	2242	303,1
1125		IRN	IRIB	Nehbanden	10				
1125	0530-2350	LBY	Idhaat sout Libya al Hurra - Voice of Free Libya	El Beida	500		21E48 32N47	1306	192,2
1125	0000-2400	MDR	RDP Madeira	Ponta do Pargo	1	regional prgrs Su 0800-1900, Mo-Fr 0600-1900 & Sa 0700-1700, other times relays Antena 1 Lisboa; temporarily off air and awaiting spare parts	16W11 32N50	3734	264,3
1125	0500-2300	NGR	La Voix du Sahel	Niamey	20	in French and English	01E47 13N40	4042	219,7
1125	0400-2305	NIG	Edo State Broadcasting Service	Hievbe	?	in English			
1125	0600-2100	RUS	Radio Orfey	Sankt-Petersburg	150	once a week (no fixed day for this) tx is under maintenance procedures, therefore programming starts later, at 1400	30E00 59N44	1752	9,8
1125	0400-1600	SYR	Radio Voice of the People 2nd px	Ea/No Syria	200				
1134	0400-2300	AGL	Em. Prov. de Bengo	Mulenvos		relay program 'A' all night		6017	194,1
1134	0457-2400	E	COPE Astorga	Peñicas (Astorga)	5	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	06W05 42N28	2484	276,2
1134	0457-2400	E	COPE Jerez	Finca Pino Solete	5	for regional and local programmes	06W07 36N49	2717	262,9
1134	0457-2400	E	COPE Menorca	Finca de Torrauba	5	for regional and local programmes	03E59 39N59	1772	261,5
1134	0457-2400	E	COPE Puertollano	Puertollano	5	for regional and local programmes	04W06 38N42	2467	265,4
1134	0457-2400	E	COPE Radio Navarra	Pamplona	5	for regional and local programmes	01W38 42N49	2122	274,8

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1134	0457-2400	E	COPE Salamanca	Salamanca	10	for regional and local programmes	05W39 40N58	2498	272,1
1134		G	BFBS Gurkha Radio (LPAM)	various	0.001	txs in Bramcote (a), Catterick, and Sandhurst (Berkshire); relay of Shorncliffe 1278 kHz; <i>(a) 01W15 52N56, (b) 00E34 51N01</i>	00E34 51N01	1947	301,1
1134		G	IC Radio (LPAM)	Ashford	0.001	School radio station from Imperial College's Wye Campus			
1134		G	L&D Radio (LPAM)	Bedfordshire	0.001	Hospital radio station			
1134		G	Queen's Radio (LPAM)	Belfast	0.001	School radio station from Queen's University Belfast	05W56 54N35	2468	308,5
1134	1700-2345	HRV	Glas Hrvatske	Rasinovac	600	1700-1715 (Mo-Sa)/-1705 (Su) English, 1830-1840 (Mo-Sa) Hungarian, 1900-1905 German, 1905-1915 (Mo-Fr)/-1910 (Sa) English, 2315-2330 English, 2330-2345 Spanish; other times Croatian; 4-mast directional antenna at 315°	15E14 44N14	756	272,8
1134		IRN	IRIB 1	Bojnord	10				
1134	0200-2110	KEN	Kenya Broadcasting Corp.	Kitale	50	in English; relay China Radio International: 1400-1430	35E00 01N01	4919	165,2
1134	0000-2400	KWT	Main Arabic Programme	Sulaibiyah	10	// 11675 kHz			
1134	0450-2315	NIG	Cross River State Broadc.Corp.	Ogoja	10		08E48 06N40	4462	205,0
1134		RUS	Radio Mayak	various	7-75	txs in Svedchiki (7 kW), Saransk (a) (25 kW), Murmansk (b) (75 kW) and others; <i>(a) 45E11 54N11, (b) 33E05 68N58</i>	33E05 68N58	2784	7,1
1134		RUS	Radio Teos	Kurkino	5			1567	30,4
1134	0330-2200	UKR	Ukrainske Radio 1 (Persha px)	Lugansk	5	Sa/Su 0400-	39E21 48N36	1215	61,7
1143		BIH	American Forces Network	Tuzla	0.25	local px 0400-1000; not always active	18E46 44N38	475	276,6
1143	0000-2400	D	AFN Power Network	various	0.3-10	24h txs in Bitburg (a) (1), , Mönchengladbach (b) (1), Wieblingen (c) (Heidelberg - 1), Giessen (0.3), and Hirschlanden (d) (Stuttgart - 10 kW) Mönchengladbach tx also relays SHAPE-Belgium and AFN Power Network; local px via Würzburg: 0400-0800, 1000-1200, 1600-1700; Bitburg is mostly not // other stations; <i>(a) 06E33 49N56, (b) 06E24 51N10, (c) 08E39 49N26, (d) 09E02 48N50</i>	09E02 48N50	1299	298,4
1143	0000-2400	D	AFN Würzburg Primary	various	0.3-1	txs in Würzburg (a) (1), Bamberg (b) (0.3), Schweinfurt (0.3), and Bad Kissingen (0.3); <i>(a) 09E54 49N47, (b) 10E55 49N53</i>	09E54 49N47	1276	303,8
1143	0457-2400	E	COPE Jaén	Jaén	5	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	03W47 37N46	2485	262,9
1143	0457-2400	E	COPE Reus	Reus	5	for regional and local programmes, see above	01E09 41N07	1952	267,8
1143	0457-2400	E	COPE Oviedo	Oviedo	5	for regional and local programmes, see above	05W52 43N23	2442	278,4
1143	0457-2400	E	COPE Orense	Orense	5	for regional and local programmes, see above	07W55 42N22	2632	276,8
1143	0300-2400	EGY	Egyptian Radio	Sohag	10		26N35 31E43	2067	
1143	0500-2230	I	Rai Radio 1	Sassari	10	Regional programmes: 0620-0630 & 1110-1130: Rai Sardegna	08E27 40N45	1389	259,2
1143	1300-2400	KAL	Voice of Russia	Bolshakovo	150	1300-1800 WS Russian, 1800-1900 Polish, 1900-2200 WS Russian; antenna direction: 150°	21E42 54N54	1199	350,6
1143	0430-2330	NIG	Broadcasting Corp. of Niger State	Minna	10	in English & Hausa	06E33 09N37	4235	209,9
1143		RUS	Radio Mayak	Samara	150		32E59 68N04	2686	7,5

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1148		AGL	Em. Prov. do Kuando-Kubango	Menongue	10	0500-1200, 1600-2100; probably inactive or very irregular	17E42 14S40	6596	187,9
1152	0400-2300	AGL	Emissora Provincial do Zaire	Mbanza Kongo	10	relay program 'A' all night			
1152		E	Radio Nacional 5	various	10	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); Via Zamora: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711) txs in El Palo (a) (Albacete), La Asomada (b) (Cartagena), Alcoletge (c) (Lleida), C. Golf (d) (Málaga) and Aldehuela (e) (Zamora); news programmes; (a) 01W55 38N54, (b) 01W00 37N35, (c) 00E39 41N35, (d) 04W29 36N38, (e) 05W45 41N30	00E39 41N35	1976	269,6
1152	0000-2400	G	Clyde 2	Dechmont Hill	3.6	<i>easy listening, local and national news and sport</i>	04W09 55N48	2400	312,4
1152	0000-2400	G	Gold Amber	Brundall	0.83	<i>classic hits from 60s & 70s and more, local news & information</i>	01E26 52N37	1939	306,7
1152	0000-2400	G	Gold Plymouth 1152 AM	Plumer Barracks	0.32	local programmes: 1500-1800 (Mo-Fr); <i>easy listening favourites</i>	04W07 50N24	2260	297,7
1152		G	Magic 1152 MW	Greenside	1.8	<i>easy favourites, news and sport</i>			
1152	0000-2400	G	Gold 1152	Langley Mill	3	<i>great time music station hits from the 60s, 70s and 80s, sport, local and national news</i>	01W46 52N33	2144	304,7
1152	0000-2400	G	Manchester's Magic 1152	Ashton Moss	1.5	<i>local radio for Manchester with music and news</i>	02W06 53N30	2194	307,3
1152	0000-2400	G	LBC News 1152	Saffron Green	23.5	<i>news, views and entertainment for London</i>	00W14 51N39	2017	302,7
1152	0000-2400	IRN	Radio Farhang	Tabriz	100	also VOIRI in Farsi at 0000	46E18 38N05	1925	103,6
1152	0500-2100	IRQ	Radio Daru-Salam	Baghdad	0.2	ID: 'Idha'at-il Dar as-Salam min Baghdad, Sowt-il Hezb-il Islami al-Iraq'	44E24 33N20	2086	119,1
1152	0200-2110	KEN	Kenya Broadcasting Corp.	Wajir	50	in Swahili; relay China Radio International: 1400-1430	40E04 01N45	4967	157,9
1152	0330-2200	ROU	Radio România Actualităţi	Cluj	400		23E34 46N42	282	341,6
1152		UAE	Ras al Khaimah Radio	Ras al Khaimah	200	about 22h in Arabic			
1161		ALG	Alger Chaîne 1	Ahaggar	10		27N12 02E30	2747	233,6
1161		BUL	Radio Horizont	various	10	txs in Dulovo (10) and Targovishte (10); Turkish service 1905-1930; <i>music and news</i>			
1161	0400-2200	EGY	Mid-Delta Radio	Tanta	100	New antenna system (Cross Field Antenna – 6.5 m long) since Feb 2000; targeted to Cairo	30E57 30N45	1602	158,0
1161		G	BBC Southern Counties	Bexhill-on-Sea	1	overnight relay of BBC Radio 5 Live	00E27 50N50	1950	300,5
1161		G	BBC Three Counties Radio	Kempston	0.1	own Asian programmes: 1905-2100 (Mo-Fr); overnight relay of BBC R 5 Live, also BBC Asian Network evenings	00W29 52N06	2047	304,0
1161	0000-2400	G	Gold 936/1161	Blunston	0.16	<i>good times, great oldies</i>	01W48 51N36	2121	301,9
1161	0000-2400	G	Magic 1161 AM	Goxhill	0.35	<i>soft adult contemporary, news & information</i>	00W20 53N40	2089	308,8
1161	0000-2400	G	Tay AM	Greenside Scalp	1.4	<i>chart & classic hits, sport, news and information</i>	02W56 56N27	2356	314,8
1161	1130-2030	IRN	VOIRI	Abadan	100	1130-1630 Kurdish; 1630 Arabic; also relay of Voice of Palestine 1930-2030			
1161	0000-2400	MNE	Radio Crne Gore/Radio Ulcinj	Ulcinj Grad	1	Radio Ulcinj: 0600-1800 - probably off air	19E10 41N58	521	242,1
1161	0300-2100	RUS	Radio Orfey	Volgograd	75	inactive	44E28 48N42	1582	65,0
1169		IRN	IRIB?	?	?				
1170	0400-2300	AGL	Emissora Provincial do Huambo	Huambo	10	relay program 'A' all night	15E44 12S47	6413	190,4
1170	0200-2400	BLR	Belaruskaye Radio 1/Radio Belarus/Voice of Russia/ local px	Sasnovy	700	Belaruskye Radio 1: 0500-0800, 1600-1800 incl. T Stalica 1640-1700 (Mo-Fr) and 1600-1700 (Sa/Su); Voice of Russia: 1400-2000 in Russian; Radio Belarus: 2000-2040 German, 2040-2100 Polish, 2100-2300 English; local px: 1600-1700 (sometimes 1600-1640); Mo R. Ekspres (Homieskaya), Tu R. Viciebsk, We R. Brest, Th R. Mahilioú, Fr R. Hrodna azimuth: 64 degrees for BR 1 pxs, 246 degrees for other pxs; tx is off every 1st, 3rd and 4th Wed of the month from 0600-1300	28E32 53N25	1051	13,9
1170		DJI	RTD Djibouti	Djibouti	40	1000-1200 & 1530-1800 in French	43E09 11N36	4040	148,5
1170	0000-2400	G	Gold Amber	Foxhall Heath	0.28	<i>good times, great oldies from the 60s and 70s plus local news & information</i>	01E14 52N04	1933	304,9

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
1170	0000-2400	G	Gold	Farlington Marshes	0.12	<i>great time music station hits from the 60s, 70s, and 80s, sport, local and national news</i>	01W01 50N50	2051	299,9
1170		G	Magic 1170 AM	Stockton	0.32	<i>favourite hits from 70s, 80s and 90s, plus occasional 60s</i>			
1170	0000-2400	G	Big (1170 AM)	Sideway		<i>// 1278, 1530 exc. local px 1400-1800; classic and contemporary hits from the 60s to the present day plus local, national and international sports</i>	02W11 52N59	2183	305,8
1170	0000-2400	G	Swansea Sound	Winsh-wen	0.58	<i>current and classic hits, evening specialist px, detailed news, sport, weather information plus Welsh language news and px</i>	03W55 51N39	2266	301,3
1170	0400-2400	NIG	Ogun State Broadcasting Corp.	Abeokuta	25	<i>in English & Yoruba</i>	03E21 07N09	4622	213,0
1170		RUS	Voice of Russia/IBRA Radio/Radio Ibrahim	Tbilisskaya	1200	VO Russia: 1500-1700 Turkish, 1700-2000 Russian, 2100-2300 Russian; IBRA Radio: 2000- in Arabic; Radio Ibrahim: 2000-2045 (Tu), 2000-2100 (Su/Mo), 2000-2100 (We/Sa)	40E10 45N22	1221	79,0
1170	0000-2400	SVN	Radio Capodistria/Radio Slovenia Int'l	Beli Kriz	10	Radio Capodistria: 0500-2300 in Italian; Radio Slovenija Int.: 2300-0500	13E34 45N31	889	282,7
1170		SWZ	Trans World Radio	Mpangela Range	50	1630-1700 Zulu, 1700-2105 English		7915	173,2
1170	0000-2400	UAE	Radio Sawa	Al-Dhabbaya	800	in Arabic; azimuth: 360°			
1179		CNR	SER Radio Club Tenerife	Santa Cruz de Tenerife	25	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	16W16 28N28	4017	258,0
1179	0000-2400	D	Antenne Saar	Heusweiler	10	relay RFI in French: 0530-0700, 0730-0800, 0930-1000, 1230-1300, 1430-1500 (not Fr); relay Deutsche Welle in English: 1700-1730 (Mo-Fr), 2000-2030 (Mo-Fr)			
1179		E	SER Radio Rioja	Logroño	10*	regional and local programmes, see above; *: can be up to 30 kW	02W27 42N28	2196	274,2
1179		E	SER Radio Valencia	Valencia	50	regional and local programmes, see above	00W22 39N28	2137	264,2
1179	0300-2400	EGY	Egyptian Radio	Quena	10		32E44 26N11	2139	157,7
1179	0000-2400	GRC	Macedonia 2 + ERA 2/ERA SPORT	Malgara	50	ERA2: <i>music px</i>	22E41 40N31	453	202,5
1179		IRN	IRIB 1	?	?				
1179	0400-1800	IRQ	Radio Voice of Iraq	Baghdad	2.5/5	ID: 'Idha'at Sowt-il Iraq min Baghdad'	44E24 33N20	2086	119,1
1179		KOS	Radio Priština local px	Kacanik	1		21E15 42N13	365	231,8
1179	0250-2200	MOZ	Emissora Provincial de Zambezia	Quelimane	50		36E53 17S53	7024	167,0
1179	0000-2400	ROU	România Actualităţi	various	7/200	txs in Vascau (a) (7) and Galbeni-Bacau (b) (200 kW); (a) 22E28 46N25, (b) 26E50 46N30	26E50 46N30	294	33,1
1188	0400-2300	AGL	Emissora Provincial de Malanje	Malanje	10	relay program 'A' all night	16E21 09S33	6047	190,2
1188		ARS	BSKSA 1						
1188		D	MDR-Info	Reichenbach	3		14E48 51N08	1061	319,2
1188	0300-2400	EGY	Egyptian Radio	Ra's Gharib	10		33E06 28N21	1923	154,5

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1188	0700-1900	HNG MR4		various	100/ 300	ethnic programs: 0700-0900 Croatian 0900-1100 German, 1100-1200 Music, 1200-1230 Mo Slovene, Tu Ruthenian, We Bulgarian, Th Greek, Fr Ukrainian, Sa Armenian, 1230-1300 (Mo-Fr) Gypsy/Roma, 1230-1300 (Su) Polish, 1300-1500 Serbian, 1500-1700 Romanian, 1700-1900 Slovak; txs in Szolnok (a) (non-dir 119 mtr mast - 100) and Marcali (b) (non-dir 126 mtr mast - 300 kW); (a) 20E12 47N11, (b) 17E25 46N35	17E28 46N37	622	297,0
1188		IRN	Radio Payam	Tehran	100	also relay VOIRI			
1188	0600-0100	MRC	RTM C	Casablanca	>1	transmissions in French, Arabic and Spanish; observed on 1185.8v kHz	07W40 33N36	3019	258,0
1188		RUS	Radio 21 Vek	Samara	5				
1188	0300-2215	YEM	Radio Sana'a	Al-Hiswah	?		44E57 12N50	3993	144,9
1197	0355-2200	AGL	Emissora Provincial de Malanje	Malanje	10	probably inactive or very irregular; variable frequency 1196.7 kHz	16E21 09S33	6047	190,2
1197	0500-2200	BLR	Kanal Kultura	Vitebsk	40	(Sa/Su 0600-2200); daytime relay of 1st px			
1197		E	Euskadi Irratia	Vitoria	5	programmes in Basque language	02W34 42N51	2195	275,4
1197	0400-2300	EGY	Radio Alexandria	Alexandria	?		29E52 31N11	1526	161,2
1197	0000-2400	G	Absolute Radio	various	0.2-2	txs in Chesterton Fen (a) (0.2), Oxford (0.25), Fern Barrow (b) (0.25), Cheltenham (c) (0.3), Gloucester (d) (0.3), Wallasey (e) (0.4), Trowell (0.5), Torbay (f) (1), Brighton (g) (1.1) and Hoo (h) (2 kW); <i>rock and pop music</i> (a) 00E10 52N13, (b) 01W54 50N43, (c) 02W07 51N51, (d) 02W14 51N54, (e) 03W04 53N26, (f) 03W35 50N27, (g) 00W15 50N50, (h) 00E33 51N24	00E33 51N24	1958	302,3
1197		IRN	IRIB 1	Moghan	?	also relay from Radio Ardabil			
1197	0300-0500	LSO	Family Radio/SW Radio Africa	?	100	Family Radio: <i>religious and gospel programmes</i> ; SW Radio Africa: 0300-0500			
1197		MKD	Radio Skopje 1	Kriva Palanka	1		22E22 42N12	302	220,2
1197	0600-0100	MRC	RTM B	Agadir	50	transmissions in French, Arabic and Spanish	09W38 30N26	3373	254,5
1197		ROU	Radio Târgu Mures/Antena Brasovului	Brasov Bod	14	Antena Brasovului: Mo-Fr 0600-0700 & 1600-1700; Sa 0900-1100 & 1600-1700; Su 0700-0800; Radio Târgu Mures: 1800-1900 German (Radio Neumarkt); Home Service in German: 1200-1250 Mo-Sa & 0830-0900 Su); off-channel 1197.85 kHz	25E36 45N45	175	22,6
1197	0300-2100	RUS	Radio Rossii/GTRK Saratov/Messages FM	Saratov	7	0300-2100 Radio Rossii + relay GTRK Saratov 0410-0459 (Mo-Fr), 0700-0710 (Mo-Fr), 0710-0759 (Sa-Su), 1110-1159 (Mo-Fr), 1500-1510 (Mo-Fr)	45E42 51N52	1761	54,1
1200	0000-2400	AGL	Emissora Provincial de Benguela	Benguela	1	probably inactive or very irregular	13E24 12S35	6428	193,1
1206	0000-2400	F	France Info	Bordeaux-Néac	300		00W11 44N57	1966	280,9
1206		IRN	Radio Payam	Payam	?	Noted on 1205.15 kHz			
1206		IRQ	Vo People of Kurdistan	Sulaimaniya	?	0300-0600 & 1700-2000; relay of VO Iraqi Turkmen Radio 1900-2000 in Turkoman; ID Kurdish: 'Era Dengi Gelli Kurdistan', Arabic: 'Huna Idha'at Sawt as-Sha'ab Kurdistan, sawt al-Ittihadi al-Watani al-Kurdistani'			
1206		ISR	Reshet Dalet (Programme D)	Akko	10		35E07 32N55	1552	141,1
1206	0000-2400	MAU	Radio Rodrigues	Mont Malartic	10	relay of 684 kHz 1400-1415			
1206	0250-2200	MOZ	Rádio Moçambique	Inhambane	50	in Portuguese	35E23 23S52	7657	169,6
1206		RUS	Radio Mayak	various	1-5				
1215		ALB	CRI	Fllakë	500	0700-0900 CRI English, 1600-1700 CRI Albanian, 1700-1800 CRI Esperanto, 1800-1900 CRI Romanian, 2201-2300 CRI Serbian; off-channel: 1214.85 kHz	19E40 40N57	557	229,8
1215		ARS	Holy Quran	?	?	ID: "Idhaat al Mamlaka't as Arabiya't as Saudiya min Er Riyadh"			
1215	0000-2400	BOT	Radio Botswana	Mahalapye	50		26E50 23S04	7494	177,9

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1215	0457-2400	E	COPE CórDoba	Ctra Sevilla	5	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	04W47 37N50	2561	264,0
1215	0457-2400	E	COPE León	León	5	for regional and local programmes, see above	05W34 42N36	2439	276,2
1215	0457-2400	E	COPE Lorca	Alto de Santa María	1	for regional and local programmes, see above	01W42 37N41	2325	260,7
1215	0457-2400	E	COPE Santander	Cóbreces	2	for regional and local programmes, see above	04W13 43N23	2312	277,7
1215	0000-2400	G	Absolute Radio	Moorside Edge	0.004-200	txs in Dartford Tunnel (0.004), Hull (a) (0.320), Fareham (b) (1), Lanner (c) (Redruth) (2), Plymouth (d) (1.1), Postwick (e) (1.2), Wrekenton (2.2), Redmoss (f) (2.3), Lisnagarvey (g) (16), Washford (h) (100), Westerglen (i) (100), Brookmans Park (j) (125), Droitwich (k) (105) and Moorside Edge (l) (200 kW); <i>rock and pop music</i> (a) 00W14 53N43, (b) 01W13 50N51, (c) 05W13 50N13, (d) 04W08 50N24, (e) 01E24 52N38, (f) 02W05 57N07, (g) 06W04 54N30, (h) 03W21 51N10, (i) 03W50 55N58, (j) 00W11 51N44, (k) 02W06 52N18, (l) 01W54 53N38	01W54 53N38	2186	307,8
1215	0100-2200	GEO	Gruzinskoye Radio (Radio 1)	Dusheti	150				
1215	0230-2030	IRN	IRIB 1	Sari	50	antenna: 67 m Monopole (non-directional)	53E04 36N34	2532	100,0
1215		KAL	Voice of Russia/Russian Int Radio	Bolshakovo	1200	1700-2000 German, 2000-2200 English; azimuth: 245 degrees	21E42 54N54	1199	350,6
1215	0500-2300	NGR	La Voix du Sahel	Tahoua	0.1	in French and English	05E16 14N53	3752	215,4
1215	0200-2100	TZA	Radio Tanzania	Arusha	50/10	in Swahili	36E41 03S22	5433	164,1
1224		BUL	Radio Horizont/Radio Bulgaria	Vidin	300	Radio Horizont: Mo-Fr 0700-1300, Sun 1000-1300 <i>music and news</i> Radio Bulgaria: 0530-0600 (Mo-Fr, Sa/Su 0500-) Bulgarian, 0600-0630 (Mo-Fr) Greek, 0600-0700 (Sa/Su) Greek, 0630-0700 (Mo-Fr) Albanian, 0700-0730 (Mo-Fr) Serbian, 0700-0800 (Sa/Su) Albanian, 0800-0900 (Sa/Su) Serbian, 1600-1700 Bulgarian, 1700-1730 Albanian, 1730-1800 Greek, 1800-1830 Serbian, 1830-1900 Turkish, 1900-2000 Bulgarian, 2000-2100 Albanian, 2100-2200 Greek, 2200-2300 Serbian IDs: Albanian "Ju flet Radio Bullgaria", Bulgarian "Tuk e Radio Balcaria", Greek "Akute ti Vulgariki Radiofonia", Russian "V efire Radio Balcaria", Serbian "Radio Bugarska", Turkish "Burası Bulgaristan Radiosu"; Antenna beam: 205 degrees	22E43 43N50	169	252,9

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1224	0457-2400	E	COPE Albacete	Albacete	5	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	01W51 38N59	2276	264,2
1224	0457-2400	E	COPE Almería	Almería	5	for regional and local programmes, see above	02W27 36N50	2428	259,4
1224	0457-2400	E	COPE Huelva	Huelva	5	for regional and local programmes, see above	06W57 37N16	2761	264,6
1224	0457-2400	E	COPE Lleida	Lleida	5	for regional and local programmes, see above	00E37 41N37	1978	269,8
1224	0457-2400	E	COPE Lugo	Lugo	5	for regional and local programmes, see above	07W34 43N00	2586	278,2
1224	0457-2400	E	COPE Mallorca	Ctra Valldemosa		for regional and local programmes, see above	02E42 39N38	1888	261,7
1224		E	Radio Popular de San Sebastián	San Sebastián	10		01W59 43N19	2137	276,5
1224		HOL	Quality Radio	Utrecht	0.015	irregular relay of Quality Radio 1584 kHz			
1224	0000-2400	IRN	VOIRI	Abadan	300	in Arabic			
1224		ISR	Galei Zahal	Beersheba	20		34E32 31N14	1686	146,2
1224	0250-2200	MOZ	Emiss. Provinc. de Cabo Delgado	Pemba	50	in Portuguese	40E30 12S58	6565	162,0
1224	0500-2300	NIG	Plateau Radio Television Comp.	Jos	50	in English & Hausa	08E54 09N55	4115	206,5
1232	0400-2300	AGL	Emissora Provincial da Huíla	Lubango	10	relay program 'A' all night	13E30 14S55	6683	192,5
1232		MDG	Radio Television Malagasy	?	1	Mo-Fr 0200-1900, Sa-Su 0300-2100; all in Malagasy			
1233		CYP	TWR/Radio Monte Carlo Doualiya	Cape Greco	600	Arabic: 0255-0330 (Mo-Fr), 2025-2216; relay of Radio Dardasha 7 at 0825-0905 (P.O. Box 991, Larnaca, Cyprus); azimuth: 205 degrees	34E04 34N57	1310	139,4
1233	0000-2400	G	Absolute Radio	various	0.1-0.5	txs in Swindon (0.1), Reading (0.160), Sheffield (a) (0.3), Manningtree (b) (0.5) and Kings Heath (0.5); <i>rock and pop music; (a) 01W29 53N21, (b) 01E05 51N55</i>	01E05 51N55	1938	304,3
1233	0200-2110	KEN	Kenya Broadcasting Corporation	Marsabit	50	in English; relay China Radio International: 1400-1430	37E59 02N20	4845	160,6
1233		MRC	Radio Tanger	Marrakech	600		08W00 31N38	3168	254,8
1233		QAT	QRTC English/French	Al Khaisah	100	1300-1600 French, 1600-1900 English			
1241	1830-2200	AGL	Emissora Provincial da Lund-Sul	Saurimo	5	probably inactive or very irregular	20E24 09S39	6015	185,3
1242	0000-2400	F	France Info	Marseille-Cabriès-Réaltor	150		05E18 43N16	1561	272,6
1242	0000-2400	G	Gold	Hoo St.Warburgh	0.32	<i>great time music station hits from the 60s, 70s and 80s, sport, local and national news</i>			
1242	0000-2400	G	Absolute Radio	various	0.5/2	txs in Sideway (a) (0.5), Greenside Scalp (0.5), Stockton-on-Tees (1) and Boston (b) (2); <i>rock and pop music; (a) 02W11 52N59, (b) 00W00 52N59</i>	00W00 52N59	2043	307,0
1242		IRN	IRIB 1	Zanjan	?		48E29 36N40	2171	104,8
1242	0700-2200	MKD	Radio Skopje 1/External Service/Radio Ohrid	Ohrid	5	Ext.Svce (Radio Biljana): 1800-1830 Bulgarian, 1830-1900 Greek, 1900-1930 Albanian, 1930-2000 Serbian; Radio Ohrid: 0700-1800, 2000-2200 (Fr/Sa -0100, Su -1900)	20E48 41N08	477	223,7
1242		MNE	Radio Plav	Plav	1	probably off air	19E57 42N36	430	245,6

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
1242	0100-2145	OMA	Radio Sultanate of Oman	Muscat	200	// 15355 kHz	58E15 23N35	3812	116,0
1251	0000-2400	G	Gold Digital Amber	Great Barton	0.76	<i>good times, great oldies from the 60s and 70s plus local news & information</i>	00E46 52N16	1970	305,2
1251		G	BFBS Gurkha Radio (LPAM)	York	0.001	relay from Shorncliffe 1278 kHz	01W05 53N58	2147	309,2
1251		G	RaW Radio Warwick (LPAM)	Warwick	0.001	Student radio station	01W35 52N17	2124	304,0
1251		G	The Cat (LPAM)	Warrington	0.001	Student radio station, Padgate campus	02W36 53N23	2222	306,7
1251	0325-2100	HNG	Radio Debrecen/Kossuth Radio	Nyíregyháza	25	Kossuth Radio: 0325-0455 and 2100-2315; Radio Debrecen (Észak-Alföldi Régió Rádió): 0455-2100; non-directional 115 meter antenna mast	21E45 47N56	465	331,4
1251	0325-2315	HNG	Radio Győr/MR1-Kossuth Rádió	Szombathely	25	MR1-Kossuth Rádió: 0325-0455 and 2100-2315; Radio Győr (Nyugat-Dunántúli Régió Rádió): 0455-2100; non-directional 60 meter antenna mast	16E39 47N21	705	300,1
1251	0000-2400	HOL	Radio 5/Radio 1	Hulsberg	10		05E51 50N53	1588	304,1
1251	0000-2400	IRL	Atlantic Radio International (pirate)	Ballyvary	0.25*	* 1kW pep - antenna: Inverted L with 80ft Vertical			
1251		IRN	IRIB 1	Sari	20		52E48 36N33	2512	100,3
1251	1000-0215	LBY	Voice of Africa	Tripoli	200	1000-0215 in Arabic exc for 1825 English and French news, 0215-0222 English, 0222-0227 French, 0230-0330 Arabic	13E00 32N50	1629	222,5
1251	0000-2400	POR	Rádio Sim (R.Renascença group)	various	1-10	txs in Chaves (a), Viseu (b), Gaia-Porto (c) and Castela Branco (all 10 kW except last); (a) 07W25 41N45, (b) 07W55 40N38, (c) 08W30 41N11	07W25 41N45	2612	275,1
1259	0400-1300	AGL	Emissora Prov. do Kuanza Norte	N'dalatando	10	0400-1300 & 1600-2200			
1260	0000-2400	E	DRM - "Service A"	<i>Pozuelo-Madrid</i>	10		03W03 41N24	2277	271,6
1260	0400-2300	AGL	Emissora Provincial do Uíge	Uíge	10	relay program 'A' all night	15E03 07S37	5854	192,1
1260	0400-2300	ALB	RTVSH 1	Korçë	50	Su: 1100-2300	20E48 40N36	523	219,5
1260		ARS	General Arabic Px/Call of Islam	Dammam	?				
1260	0735-1800	CVA	Vatican Radio	Vatican City State	5	broadcasting in various languages	12E19 42N03	1036	260,4
1260	0000-2400	E	SER Radio Algeciras	Ctra Cádiz	5	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	05W28 35N05	2760	258,7
1260	0000-2400	E	SER Radio Murcia	Murcia	25	regional and local programmes, see above		2267	261,0
1260		G	BBC Radio York	Row Bow	0.5	0530-???? local px, ???-0530 BBC Radio 5 Live; during weekends local px start at 0600			
1260	0000-2400	G	Gold 1260	Mangotsfield	1.6	local programmes: 1500-1800 (Mo-Fr); <i>good times, great oldies</i>	02W28 51N30	2164	301,4
1260	0000-2400	G	Marcher Gold	Farndon	0.64	<i>classic hits, local & international news & information + Welsh language px</i>	02W53 53N05	2231	305,8
1260	0000-2400	G	Sabras Radio	Freeman's Common	0.29	<i>Asian programming</i>	01W08 52N37	2104	305,2
1260	0000-2400	G	Absolute Radio	various	0.5/1	txs in Guildford (a) (0.5), and Lydd (b) (1 kW); (a) 00W35 51N12, (b) 00E55 50N57	00E55 50N57	1921	301,1
1260		IRN	IRIB 1	?	?				
1260	0200-1900	MDG	Radio Television Malagasy	?	1	Sa-Su 0300-2100			
1260	0250-2200	MOZ	Emissora Provincial do Niassa	Lichinga	50	in Portugues	35E14 13S19	6494	168,0
1269	-1700	AFS	Chinese Radio	Midrand	2	irregular transmissions	28E08 25S58	7821	176,8

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1269		CNR	Radio Eccla Las Palmas	Monte Constantina	25		16W50 28N20	4070	258,4
1269	0000-2400	D	Deutschlandfunk	Neumünster	300	<i>news and political programmes ; // 6190 kHz</i>	09E51 54N03	1526	320,5
1269	0457-2400	E	COPE Badajoz	Badajoz	5	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	06W58 38N53	2686	268,1
1269	0457-2400	E	COPE Ciudad Real	Ciudad Real	10	for regional and local programmes, see above	03W56 38N59	2441	266,0
1269	0457-2400	E	COPE Figueras	Avinyonet d'Puigven	5	for regional and local programmes, see above	02E58 42N16	1771	270,3
1269	0457-2400	E	COPE Zamora	Zamora	5	for regional and local programmes, see above	05W43 41N32	2484	273,6
1269		IRN	IRIB 1	?	?	monitored on 1268.7 kHz			
1269	0000-2400	KWT	Arabic Music Programme	Sulaibiyah	100				
1269	0500-2300	NIG	Taraba State Broadcasting Services	Jalingo	10		11E22 08N53	4144	202,2
1269		SRB	Radio Novi Sad	Srbobran	10		19E48 45N33	412	291,4
1269	0000-2400	UAE	Radio Asia 1269AM	Ras al Khaimah	200	in Malayalam			
1278	0000-2400	AGL	Emissora Provincial de Cabinda	Tenda	25		12E09 05S15	5652	196,3
1278	1600-2200	BLR	Belaruskaye Radio 1	Zadvarcy (Brest)	2.5	exc. regional programming by Radio Stalitsa (= Radio Capital) at 1600-1700 daily in Belarussian	23E40 52N06	871	355,2
1278	0300-2400	EGY	Egyptian Radio	Asswan	10		32E54 24N05	2367	159,1
1278	0000-2400	F	France Bleu/France Bleu Elsass	Sélestat	<300	France Bleu Elsass: 0600-1130 & 1330-1600 (Mo-Fr) in Alsatian <i>France Bleu: "General" radio with popular, adult programmes with daily life related information and entertainment</i>	07E26 48N15	1397	294,4
1278	0000-2400	G	Pulse 2	Tyersal Lane	0.43	// 1170, 1530 exc. local px 1400-1800; <i>classic and contemporary hits with local, national and international sport</i>	01W42 53N47	2178	308,3
1278		G	BFBS Gurkha Radio (LPAM)	various	0.001	txs in Shornccliffe and Stafford	01E09 51N05	1909	301,6
1278		G	BFBS Nepali Service (LPAM)	Folkestone	0.001	px in Nepali language for the Gurkha based at Sir John Moore Barracks, also some px in Gurkha language and English BFBS px; English news at 1000	01E13 51N06	1905	301,7
1278		G	Blue Bull Radio (LPAM)	Norfolk	0.001	station of RAF Marham Kings Lynn			
1278		G	Castle Radio (LPAM)	Nottingham	0.001	Student radio station			
1278		G	Crush Radio (LPAM)	Hatfield	0.001	Student radio station			
1278		G	Harlow Hospital Radio (LPAM)	Harlow	0.001	Hospital radio station	00E10 51N47	1994	303,4
1278		G	Palace Radio (RSL)	Crystal Palace	0.001	only on football days			
1278		G	Pinesbury AM 1278 (LPAM)	Swindon	0.001	Student radio station	01W47 51N31	2118	301,7
1278		G	Radio Royal (LPAM)	Falkirk	0.001	Hospital radio station; 24 h with continuous pop and oldies when not carrying live programming	03W46 56N00	2385	313,1
1278		G	Trust AM (LPAM)	Workshop	0.001	Hospital radio station; 24h; ID "More variety	01W08 53N18	2126	307,2
1278		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Flórina	Flórina	1	ERA Flórina: 0500-1100 (Mo-Fr), 1330-1800 (Mo-Fr); NET: <i>news px</i> ; ERA 2: <i>music px</i>	21E25 40N48	475	216,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1278		IRL	Choice FM	Dublin	?		06W15 53N20	2456	305,2
1278	0000-2400	IRN	IRIB 1	Kermanshah	200				
1278	0200-1900	MDG	Radio Television Malagasy	?	1	Sa-Su 0300-2100			
1278	0300-2200	RUS	Radio Rossii	Dubovka	50	also other tx sites but no exact info on their activity is known; <i>music and other programmes for the younger generation</i>			
1287		AFS	Radio Welgedacht	Welgedacht	2				
1287	0800-1600	ALG	Alger Chaîne 1	El-Golea	5		02E54 30N36	2443	238,8
1287	0000-2400	E	SER Radio Castilla	Ctra Madrid	5	<i>regional and local programmes:</i> 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc			
1287	0000-2400	E	SER Radio Lleida	Lleida	5	regional and local programmes, see above	00E37 41N37	1978	269,8
1287	0000-2400	E	SER Radio Lugo	Lugo	10	regional and local programmes, see above	07W35 42N59	2588	278,2
1287		G	Basildon Hospital Radio (LPAM)	Basildon	0.001	Hospital radio station			
1287		G	BFBS Gurkha Radio (LPAM)	various	0.001	txs in Maidstone, Buckley Barracks Wiltshire, Blandford Camp (Blandford Forum Dorset), and Brecon Powys			
1287		G	BFBS N. Ireland (LPAM)	various	0.001	relay of BFBS Radio 1; 6 txs in Aldergrove, Ballykelly, Ballykinler, Ballymena, Bessbrook Mill, Hollywood			
1287		G	Crawley Hospital Radio (LPAM)	Crawley	0.0005	Hospital radio station			
1287		G	Garrison Radio Aldershot (LPAM)	Aldershot	0.001	army radio station	00W46 51N15	2043	301,3
1287		G	Garrison Radio Basingbourne Barracks (LPAM)	Basingbourne	0.001	army radio station; relay of Garrison Radio from Colchester			
1287		G	Garrison Radio Bulford/Tidworth (LPAM)	Salisbury Plain*	0.001	army radio station; *2 transmitters 6 km apart			
1287		G	Army Talk Catterick (LPAM)	Catterick	0.001	army radio station			
1287		G	Insanity (LPAM)	Egham	0.001	Student radio station: local px 1000-2400, other times Student Broadcast Network	00W34 51N25	2034	301,9
1287		G	Nevill Hall Sound (LPAM)	Abergavenny	0.001	24h; Hospital radio station	03W01 51N50	2209	302,1
1287		G	Radio Gwendolen (LPAM)	Leicester	0.001	Hospital radio station	01W08 52N37	2104	305,2
1287		G	Radio Hotspot (LPAM)	Holbrook	0.001	Student radio station; daily 0700-0730 and 2100-2130 (Tu/Th)			
1287		G	Radio Ysbyty Glan Clwyd (LPAM)	Bodelwyddan	0.001	Hospital radio station	03W29 53N15	2275	306,0
1287		G	Solar AM (LPAM)	St.Helens	0.001	Student radio station			
1287		G	Surge (LPAM)	Southampton	0.001	Student radio station	01W24 50N54	2079	299,9
1287		G	Victoria Radio Network (LPAM)	Kirkcaldy	0.001	Student radio station	03W10 56N07	2356	313,8
1287	0000-2400	POR	Antena 1	Portalegre	2		07W25 39N18	2704	269,4
1295		GUI	Radiodiffusion Vision Guienne	Conakry	1	Mo-Fr 0555-0800 & 1200-2400, Su 0800-2400; all in French and ethnic languages	13W43 09N31	5345	235,5
1296		G	DRM - BBC World Service	Orfordness	70	0500-0700 in English; beam: 96 degrees		1912	305,2

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1296	0400-2300	AGL	Emissora Provincial do Uíge	Uíge	10	relay program 'A' all night	15E03 07S37	5854	192,1
1296		ARS	BSKSA 2	?	?				
1296		AZE	Foreign Service/Radio Liberty	Pirsaat	?	0315-0400 Azerbaijani ("Gueney Azaerbaycan"), 1100-1200 Farsi, 1200-1300 Turkish, 1300-1330 German, 1330-1400 French, 1400-1600 Azerbaijani, 1700-1800 Arabic, 1800-1830 English, 1830-1900 Russian	49E25 39N55	2085	94,9
1296	0400-2200	BUL	Radio Christo Botev	Kardzhali	75	<i>culture, education and music</i>	25E12 41N29	316	172,9
1296		E	COPE Valencia	Castellar	50	regional & local px: 0457-0500 (Mo-Fr) loc, 0525-0528 (Mo-Fr) reg, 0555-0558 (Mo-Fr) reg, 0624-0630 (Mo-Fr) reg, 0650-0655 (Mo-Fr) reg, 0655-0700 (Mo-Fr) loc, 0757-0800 (Sa) loc, 0827-0830 (Mo-Sa) loc, 0845-0900 (Su) reg, 0857-0900 (Mo-Sa) loc, 0927-0930 (Mo-Sa) loc, 0957-1000 loc, 1027-1030 loc, 1057-1100 loc, 1102-1112 (Mo-Fr) reg, 1127-1130 (Sa/Su) loc, 1130-1300 (Mo-Fr) loc, 1157-1200 (Sa/Su) loc, 1227-1230 (Sa/Su) loc, 1257-1300 (Sa/Su) loc, 1327-1330 (Mo-Fr) loc, 1335-1400 (Mo-Fr) loc, 1510-1511 (Su) loc, 1527-1530 (Mo-Fr) loc, 1540-1541 (Su) loc, 1557-1600 (Mo-Sa) loc, 1610-1611 (Su) loc, 1627-1630 (Mo-Fr) loc, 1640-1641 (Su) loc, 1657-1700 (Mo-Sa) loc, 1710-1711 (Su) loc, 1727-1730 (Mo-Fr) loc, 1740-1741 (Su) loc, 1757-1800 (Mo-Fr) loc, 1800-1900 (Mo-Fr) loc/reg, 1810-1811 (Sa/Su) loc, 1840-1841 (Sa/Su) loc, 1910-1911 (Sa) loc, 1930-1933 (Mo-Fr) loc, 1940-1941 (Sa) loc, 2010-2011 (Sa) loc, 2030-2033 (Mo-Fr) loc, 2040-2041 (Sa) loc, 2130-2133 (Mo-Fr) loc, 2157-2200 (Su) loc, 2230-2233 (Mo-Fr) loc, 2257-2300 (Mo-Sa) loc, 2330-2333 (Sa) loc, 2357-2400 (Mo-Fr) loc	00W22 39N25	2139	264,0
1296		G	Radio Nederland Wereldomroep	Orfordness	300	weekdays only: 0900-1100, 1600-1700 special px on Europe; beam: 96 degrees		1916	306,8
1296	0000-2400	G	Radio XL 1296 AM	Langley Mill	10	<i>music, news and views for the Asian community in the West Midlands</i>	01W46 52N33	1915	306,7
1296		IRN	IRIB 1	?	?				
1296	0000-2400	SDN	Sudan National Broadc. Corp.	Reiba	600				
1296	0000-2400	SRB	Radio Beograd 1	Vranje	10		21E54 42N36	297	231,4
1296	0000-2400	SRB	Radio Podrinje 1	Loznica	10		19E14 44N31	437	275,1
1298	0300-2400	AGL	Emissora Provincial do Zaire	Soyo	1	relay program 'A' all night	12E22 06S08	5743	195,8
1305		ALB	RTVSH 1	Gjirokastër	15		20E10 40N04	602	220,2
1305	0530-0100	ALG	Alger Chaîne 3	Constantine	20	French transmissions	06E38 36N23	1763	246,3
1305		E	Radio Nacional 5	various	10	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); Via León: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711) txs in Almagro (a) (Ciudad Real), Santo Domingo (d) (Bilbao), Villaquilambre (b) (León) and Pereiro (c) (Orense); news px; (a) 03W56 38N59, (b) 05W35 42N37, (c) 07W48 42N21, (d) 02W54 43N16	02W54 43N16	2211	276,8
1305	0300-2400	EGY	Egyptian Radio	Assiut	10				
1305	0000-2400	G	Gold 1305/1359	Christchurch	0.2	<i>classic songs, news and information</i>			
1305	0000-2400	G	Magic AM	Ardsey	0.15	<i>easy favourites, soft adult contemporary, local news & information</i>	01W25 53N32	2152	307,8
1305	0000-2400	G	Premier Christian Radio	various	0.5	txs in Chingford and North Looe both in London; <i>news, current affairs and lifestyle issues reflecting the values and beliefs of Christian faith, music features contemporary artists</i>			
1305		IRN	IRIB	Bushehr	20	local px at 1600; ID "Inja Bushehra, Sedaye Jumhuriya Islame Iran"	50E50 28N58	2865	117,7
1305		ISR	Galei Zahal	Rosh-Pina	50		35E20 33N00	1555	140,3
1305	0200-2110	KEN	Kenya Broadcasting Corp.	Wajir	5	in English; relay China Radio International: 1400-1430			
1313	0400-2300	AGL	Emissora Provincial da Huíla	Lubango	1	relay program 'A' all night	13E30 14S55	6683	192,5
1313	0400-2300	AGL	Emissora Provincial do Namibe	Namibe	10	relay program 'A' all night	12E09 15S12	6738	194,0

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
1314		ARM	Radio Yerevan/VO Russia/Russian Int. Radio/AWR	Gavar	1000	0000-0300 Russian, 0400-1700 Russian, 1700-1800 Kurdish, 1800-2100 Arabic, 2100-0100 Russian; antenna (2 km long) beam: 180 degrees	45E11 40N25	1730	97,3
1314		E	Radio Nacional 5	various	10/20	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); Via Salamanca: Portuguese px: xx59-xx00 (+Sa/Su 0710-0711) txs in Ctra C. Rodrigo (a) (Salamanca - 10), Reus (b) (Tarragona - 20) and Martinete (c) (Cuenca - 10 kW); news px; (a) 05W40 40N58, (b) 01E04 41N09, (c) 02W08 40N04	01E04 41N09	1958	268,0
1314	0400-2200	EGY	Egyptian Radio	Abu Simbel	1		31E37 22N21	2521	163,3
1314	0300-2400	EGY	Egyptian Radio	various	1/10	txs in Nag Hamadi (1) and Hurghada (a) (10 kW); (a) 33E48 27N16	33E48 27N16	2060	153,8
1314		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Tripolis	Tripolis	10	ERA Tripolis: 0500-1100 (Mo-Fr), 1300-????; NET: news px; ERA 2: music px	22E26 37N30	780	195,1
1314	0500-2300	I	Rai Radio 1	Matera	2	regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo-Sa) and 1140-1150 (Su): RAI Basilicata	16E37 40N40	778	241,5
1314	0500-1900	MKD	Radio Skopje 2/3	various	5/10	in Turkish and Albanian for immigrants 0500-1900; txs in Ohrid (a) (10) and Skopje-Madjari (b) (5 kW); (a) 20E48 41N08, (b) 21E54 41N47	20E48 41N08	477	223,7
1314		NOR	various	Kvitsøy	1200	occasional use by broadcasters as Radio Netherlands			
1314	0000-2400	ROU	Antena Satelor	various	14-25	German: 1200-1300; txs in Craiova (15), Constanta (a) (14), and Orțșoara (c) (25 kW); (a) 28E39 44N11, (c) 21E14 45N46	21E14 45N46	320	301,9
1314		ROU	Radio Oltenia Craiova	various	1/7	txs in Craiova (1) and Cerbu (7 kW)			
1314	0400-1600	SYR	Radio Voice of the People 2nd px	Aleppo	?		37E08 36N14	1380	126,3
1314	0000-2400	UAE	BBC World Service/Radio Farda	Al Dhabbaya	1000	BBC WS: 0030-0100 Dari, 0100-0130 Pashto, 0130-0200 Dari, 0200-0230 Pashto, 0230-0430 Farsi, 0430-0630 Arabic, 0930-1030 (Su-Th) Dari, 0930-1130 (Fr) Farsi, 1300-1400 English; Radio Farda: 1400-2400 Farsi; antenna at 46 & 316 degrees (depending on the service carried)			
1323	0900-2100	ALB	Radio Shkodër	Shkodër	15		19E30 42N06	490	241,8
1323	0200-2300	CYP	BBC World Service	Zyvi	200	in English; azimuth: 150 degrees; Same hour in Summer !	33E19 34N43	1294	142,5
1323	0600-2300	D	Voice of Russia/Russian International Radio/Universelles Leben	Wachenbrunn	800*	VO Russia: 0600-1000 English, 1000-1300 German, 1300-1500 Russian, 1600-2000 German, 2000-2200 French, 2200-2300 Russian; Universelles Leben: 0545-0600, 1653 daily, 1730 (Tu), 1800 (Su), 1830 (Tu/Sa), 1930 (We); *: 0600-1900: 800 kW, 1900-0600: 150 kW); antenna beam: s/on-1500 at 310 degrees, 1500-s/off at 220 degrees	10E30 50N29	1270	307,8
1323	0000-2400	G	Gold	Southwick (Brighton)	0.5	<i>great time music station hits from the 60s, 70s and 80s, sport, local and national news</i>	00W15 50N50	1998	300,2
1323		IRN	VOIRI/Irib 1	Jolfa	20	VOIRI: 1730-1930 Azeri; other times IRIB 1			
1323	0545-0000	MKD	Radio Bitola	Bitola	10	Sa/Su: 0600-1930	21E21 41N01	458	218,3
1323		MKD	Radio Skopje 2&3/Radio Gostivar	Gostivar	10	Radio Gostivar: 1500-1900 in Turkish & Albanian	20E55 41N42	424	228,3
1323	0800-0100	MRC	RTM-Chaîne Inter	Safi	5	transmissions in French, Spanish and English	09W17 32N20	3223	257,3
1323	0350-2000	ROU	Radio Târgu Mures	Târgu Mures	15	in Romanian exc. 1800-1900 in German (Radio Neumarkt); Home Service in German: 2000-2100 Mo-Sa & 0900-1000 Su; 0200-0300 relay of Radio Romania International	24E35 46N37	258	357,5
1323	1400-2000	RUS	TWR/Radio Radonezh (via Radio Grad Petrov)	Olgino-St. Petersburg	10	Trans World Radio: 1400-1700; Radio Radonezh: 1700-2000	30E08 60N00	1783	9,8
1323		TZA	Radio One	Moshi	?		37E20 03S21	5445	163,2
1331	0500-2300	NGR	La Voix du Sahel	Meninsoroua	20	in French & English			
1332	0300-2300	CZE	Ceský rozhlas 2/6	Domamil	50	Sa/Su 0400-2300; CR6: 1700-2300; CR2: family format	15E43 49N04	867	310,8
1332		G	BBC Radio Wiltshire	Lacock	0.3	overnight relay of BBC Radio 5 Live	00W39 51N23	2039	301,7

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1332	0000-2400	G	Gold Digital 1332 AM	Gunthorpe	0.6	<i>good times, great oldies</i>			
1332	0000-2400	G	Premier Christian Radio	Bow	1	<i>news, current affairs and lifestyle issues reflecting the values and beliefs of the Christian faith, music features contemporary Christian artists</i>			
1332		HOL	HotRadio Plus	Nieuwegein	0.1	irregular relay of Quality Radio 1584 kHz - irregular transmissions	05E06 52N02	1683	307,7
1332	0000-2400	IRN	Radio Tehran	Tehran	100	in Farsi & Arabic			
1332	0000-2400	MDR	RDP Madeira	Senhora do Monte	1	regional prgrs Su 0800-1900, Mo-Fr 0600-1900 & Sa 0700-1700, other times relays Antena 1 Lisboa	16W54 32N40	3801	264,6
1332	0000-2400	POL	Twoje Radio Pińców	Pińców	0.5	rebroadcast of national Twoje Radio	20E32 50N32	761	337,0
1332	0000-2400	ROU	România Actualităţi	Galati	50		28E00 45N24	285	63,4
1341		BFA	Radiodiffusion Nationale du Burkina	Ouagadougou	1	0530-0900, 0900-1200 (Sa/Su), 1200-2400 in French and vernacular languages; standby transmitter	01W33 12N26	4338	223,4
1341	0000-2400	E	Onda Cero Almería	Almería	5	local programmes: 0527-0530, 0555-0559 (Mo-Fr), 0620-0630 (Mo-Fr), 0655-0700 (Mo-Fr), 0720-0730 (Mo-Fr), 0727-0730 (Sa/Su), 0827-0830, 0855-0859 (Mo-Fr), 0857-0900 Sa, 0927-0930, 0955-0959 (Mo-Fr), 0957-1000 Sa, 1025-1029 (Mo-Fr), 1027-1030 (Sa/Su), 1130-1300 (Mo-Fr), 1227-1230 (Sa/Su), 1320-1330 (Mo-Fr), 1400-1500 (Mo-Fr), 1457-1500 (Su), 1527-1530 (Mo-Fr), 1557-1600 (Mo-Fr), 1627-1630 (Mo-Fr), 1657-1700 (Mo-Sa), 1727-1730 (Mo-Fr), 1757-1900 (Mo-Fr), 1850-1853 (Sa/Su), 2030-2032 (Mo-Fr), 2130-2132 (Mo-Fr), 2225-2228 (Su), 2230-2232 (Mo-Fr), 2255-2258 Sa, 2257-2300 (Mo-Fr), 2320-2323 (Sa/Su), 2340-2343	02W27 36N50	2428	259,4
1341	0000-2400	E	Onda Cero Ciudad Real	Ctra Piedrabuena	10	local programmes, see above		1802	258,1
1341	0000-2400	E	SER Radio León	León	5	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	05W34 42N36	2439	276,2
1341	0200-2200	EGY	Egyptian Radio	Bawiti	10				
1341	0300-2400	EGY	Egyptian Radio	Cairo	10		31E22 30N16	1666	157,3
1341	0000-2400	EGY	Egyptian Radio	Siwah	10		25E31 29N12	1681	177,4
1341	0000-2400	G	BBC Radio Ulster	Lisnagarvey	100*	0630-0100 local programmes (Sa 0645-0200, Su 0700-0200), 0000-0630 BBC Radio 5 Live, We 2155-2200 Cantonese (*: 2x50 kW Marconi units)	06W04 54N30	2474	308,2
1341		IRQ	Voice of Komal	Kirkuk	?	in Arabic, Kurdish and Turkish	44E24 35N28	1937	113,7
1341	0200-2300	KWT	2nd Arabic Programme/Holy Quran	Magwa	10	2nd Px: 0700-1700; Holy Quran: 0200-0700 + 1700-2300; ID: "Idha'at Quran Karim min doula Kuwait"			
1341		MKD	Radio Veles	Veles	1		21E47 41N43	374	220,9
1350	1915-2130	ARM	Trans World Radio/Deutsche Welle/Voice of Russia	Gavar	850	TWR: 1915-1930 (Tu-Th) Kurmanji Kurdish/(Fr-Mo) Sorani Kurdish, 1930-2000 Turkish, 2001-2101 (Su-Th) Hebrew, 2000-2030 (Fr) Russian; Deutsche Welle: 2100-2130 Arabic; Voice of Russia: 0000-0200 RIR Russian, 1600-1700 Arabic, 2200-2300 RIR Russian, 2300-2400 Arabic; High-gain directional antenna beamed 232 degrees	45E11 40N25	1730	97,3
1350	0000-2400	BOT	Radio Botswana	Tsabong	50				

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1350	0300-2400	EGY	Egyptian Radio	Al Quseir	10		34E16 26N07	2196	153,9
1350		F	Radio Orient	Nice	10	in French & Arabic	07E15 43N42	1397	273,4
1350		G	Cambridge University Radio (LPAM)	Cambridge	0.001	Student radio station; ID: "CUR1350" - off air	00E07 52N13	2011	304,7
1350		G	Dorton College Radio (LPAM)	Seal Sevenoaks	0.001	Student radio station			
1350		G	Frequency 1350 (LPAM)	Preston	0.001	Student radio station	02W34 53N43	2230	307,7
1350		G	GU2 (LPAM)	Guildford	0.001	Student radio station	00W35 51N12	2030	301,2
1350		G	Hemel Hospital Radio (LPAM)	Hemel Hempstead	0.001	Hospital radio station	00W28 51N45	2036	302,9
1350		G	Kingstown Hospital Radio (LPAM)	Hull	0.001	Hospital radio station			
1350		G	Knutsford AM (LPAM)	Knutsford	0.001	Student radio station	02W22 53N18	2205	306,6
1350		G	Livewire (LPAM)	Norwich	0.001		01E18 52N38	1948	306,7
1350		G	Mid Downs Radio (LPAM)	Haywards Heath	0.001	Hospital radio station			
1350		G	Radio Air3 (LPAM)	Stirling	0.001	Student radio station	03W57 56N07	2401	313,3
1350		G	Radio Cavell (LPAM)	Oldham	0.001	24h; px from Royal Oldham Hospital	02W07 53N33	2197	307,4
1350		G	Radio Hope (LPAM)	Liverpool	0.001	Student radio station (Hope university college, Liverpool)	03W00 53N25	2249	306,6
1350		G	Radio Nightingale (LPAM)	Rotherham	0.001	Hospital radio station	01W21 53N26	2144	307,5
1350		G	Radio Pulse (LPAM)	Redditch	0.001	Hospital Radio Station	01W56 52N18	2148	303,9
1350		G	Radio RamAir (LPAM)	Bradford	0.001	Student radio station	03W11 51N00	2204	299,7
1350		G	Radio West Suffolk (LPAM)	Bury St. Edmunds	0.001	Hospital radio station - off air			
1350		G	Radio Yare (LPAM)	Great Yarmouth	0.001	Hospital Radio Station; link transmitter on 48.425 MHz	01E45 52N38	1919	307,0
1350		G	University Radio Nottingham	Nottingham	0.001	Student radio station	01W10 52N58	2117	306,3
1350		G	University Radio York	York	0.001	Student radio station	01W05 53N58	2147	309,2
1350		G	WCR AM	Wolverhampton	0.001	Student radio station	02W08 52N35	2169	304,7
1350		GEO	Radio Respubliki Abkhazii/Radio Rossii	Sukhumi	50	0200- (Tu-Sa), 0400-(Su/Mo); programmes in Abkhaz: 0200-0230 (Tu-Sa), 0400-0500 (daily) and Russian; Radio Rossii : 0230-0400 (Tu-Sa), 1600- ; SW parallel: 9495v kHz (not always in parallel!); Same hour in Summer!			
1350		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Pyrgos	Pyrgos	3	ERA Pyrgos : Mo-Fr: 0500-1200&1330-1800; Sa: 0600-0700&0800-0900&1000-1200; Su: 0600-0800&1000-1200; NET : news px; ERA 2 : music px	21E29 37N42	783	201,5
1350	0500-2100	HNG	Radio Győr	Győr	5	ID: Nyugat-Dunántúli Régió Rádió; non-directional 50 meter antenna mast	17E38 47N41	665	307,0
1359		E	DRM - Radio Nacional	<i>Arganda del Rey</i>	10	<i>24h (erratic) - label "RNE DRM Arganda"</i>		2353	269,0
1359		AZE	Radio Araz 2nd programme	Gence	?	also relay of BBC WS in Russian			
1359	1600-0000	EGY	Cultural Programme	Batra	450		31E27 31N09	1576	155,9
1359		G	BBC Radio Solent	Fern Barrow	0.85	overnight relay of BBC Radio 5 Live; local opt out for Dorset at 0712-0720, 0812-0820, and 1700-1800	01W54 50N43	2110	299,2
1359		G	Gold 1305/1359	Hadfield Road (Cardiff)	0.2	<i>classic songs, news and information</i>	03W12 51N30	2214	301,1
1359		G	Gold 1359	Shilton (Coventry)	0.27	<i>good times, great oldies</i>	01W24 52N27	2117	304,6
1359		G	Gold Breeze	Bakers' Wood (Chelmsford)	0.28	<i>classic hits, local and national news</i>	00E29 51N44	1972	303,4
1359		IRN	IRIB 1	?	?	also relay of Sarasari px with ID "Shabakhiye Sarasariye, Sedoye Djumhuriye Islamiye Iran"			
1359	0430-2315	NIG	Kaduna State Media Corp.	Zaria	25	in English & Hausa	07E42 11N04	4040	209,0
1359	0500-2300	NIG	Osun State Broadcasting Corp.	Iwo	10	in English & Hausa	04E11 07N38	4537	212,2
1359		RUS	Radio Mayak	Perm	40		56E14 58N00	2635	43,5
1359	0000-2400	UKR	Radio Tsentr	Dokuchayevsk	40	also local Donetsk programmes as of 1800 & irr. relay of Radio Polonia 1930-2000	37E40 47N44	1068	64,5
1367	1600-0400	AGL	Radio Nacional de Angola	Mulenvos	100		13E14 08S48	6017	194,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1368	0200-2200	EGY	Egyptian Radio	El Farafra	1				
1368	0300-2400	EGY	Egyptian Radio	El Kharga	10	// 12050 kHz	30E33 25N30	2155	164,0
1368		G	BBC Radio Lincolnshire	Swan Pool	2	0600-???? local programmes with Portuguese on Sun 1805, ???-0600 BBC Radio 2 and World Service; during weekends local px start at 0700			
1368		G	BBC Radio Wiltshire	Swindon	0.4	relays BBC R5 Live overnight	01W47 51N31	2118	301,7
1368		G	BBC Southern Counties Radio	Duxhurst	0.5	0500-???? local programmes, ???-0500 BBC Radio 5 Live; regional breakfast show for Surrey 0600-0900			
1368	0000-2400	G	Manx Radio	Foxdale	20	sponsored religious broadcasts Sun 1900-2200	04W37 54N10	2373	308,0
1368	0000-2400	I	Challenger Radio	Villa Estense (Padova)	2.5	mostly children songs, also relays from Voice of America, European Gospel Radio (1800-0100), Radio City (3rd Sa of month 2000-2100) and others	45N10 11E40	1036	279,9
1368		IRN	IRIB 1	Sari	?				
1368		IRN	Radio Golestan	Gorgan	?	ID 'Injah Gorgan est, Radio Golestan'			
1368		ISR	Galei Zahal	various	10-20	txs in Filon (10) and Shivta (20 kW); // 6973 kHz			
1368	0200-2010	KEN	Kenya Broadcasting Corp.	Nyeri	20	Su 0230-, Sa/Su -2110 English	36E57 00S25	5118	162,9
1368		SEY	Seychelles Broadcasting Corp.	Victoria	10	Mo-Fr 0200-0930 & 1100-1800, Sa/Su 0200-1800; all in French, English and Creole	55E27 04S37	6243	142,2
1368		SRB	Radio Valjevo	Beloševac	10	????-1600 Mo-Sa, on Su before 1600 - <i>on air?</i>	19E57 44N16	381	271,1
1377		ARM	Radio Sodruzhestvo/TWR/China National Radio	Gavar	1000	China National Radio: 1300-1500; TWR: 1717-1900 Sa-Th Persian, 1717-1900 Fr Qashquai, 1902-2002 Arabic (1917-1932 Tu Assyrian); Voice of Russia: 1500-1600 Turkish, 1600-1800 Persian, 2300-2400 Arabic; NHK Japan: 2115-2145 Arabic	45E07 40N22	1727	97,6
1377	0000-2400	F	France Info	Lille-Camphin en Carembault	300		02E59 50N31	1768	300,7
1377	0000-2400	G	Asian Sound Radio	Ashton Moss	0.08	// 963 kHz; <i>music, news and information for the Asian community</i>			
1377		IRN	IRIB 1	?	?				
1377	1530-0015	SWZ	Radio Cidade	Sandlane	50	in English & Portuguese	30E47 26S34	7904	174,3
1377		TZA	Radio Free Africa	Mwanza	50	in Swahili; relays BBC/VOA/RTD/DW	32E54 02S31	5269	168,9
1377	0600-1830	UKR	Radio Mykolayiv	Mykolayiv	5		23E59 49N31	583	354,7
1377	0330-2200	UKR	Ukrainske Radio 1	Chernivtsy	50				
1386	0000-2400	G	DRM - Tests	<i>Hickstead</i>	<i>low</i>	<i>non-directional</i>			
1386	0400-2300	AGL	Radio Nacional de Angola	Saurimo	10	relay program 'A' all night	20E24 09S39	6015	185,3
1386	0000-2400	E	Euskadi Irratia	Bilbao	50	in Basque	02W54 43N16	2211	276,8
1386	0000-2400	EGY	Egyptian Radio	El Dakhla	10				
1386	0200-2200	EGY	Egyptian Radio	Luxor	10		32E39 25N41	2190	158,4
1386	0000-2400	G	Anker Radio (LPAM)	Nuneaton	0.001	Hospital radio station	01W28 52N31	2123	304,8
1386	0000-2400	G	BLAST 1386 (LPAM)	Reading	0.001	Student radio station	01W00 51N26	2063	301,7
1386		G	Carillon Radio (LPAM)	Loughborough	0.001	Hospital radio station; second tx in Coalville (also 0.001 kW)	01W12 52N46	2113	305,6
1386		G	Radio City (LPAM)	Swansea	0.001				
1386		G	Radio Jcom (LPAM)	Leeds	0.001	Jewish community radio station			
1386		G	Traffic Radio (LPAM)	Birmingham	0.001				
1386		GRC	ERA 2/Vo Greece	Athinai	50	ERA2: <i>music px</i> ; VO Greece: 1400-1430 Arabic, 1430-1500 German, 1500-1530 Russian, 1530-1600 Spanish, 1600-1630 Romanian, 1630-1700 Turkish, 1700-1730 Serbian, 1730-1800 Bulgarian, 1800-1830 Albanian, 1830-1900 French, 1900-1930 Polish, 1930-2000 English	23E41 37N57	712	187,4
1386	0555-2330	GUI	Radio Rural	Labe	50	in French and ethnic languages; is slightly off-channel on 1385.92 kHz	12W17 11N19	5091	235,5
1386		IRN	IRIB 1/VO Rebellious Iraq	Ahwaz	400	VO Rebellious Iraq: ID "Sawt al Iraq al tha'ir"; // 6200 kHz (not always in parallel!)			
1386	0200-2110	KEN	Kenya Broadcasting Corp.	Maralal	100	in English; relay China Radio International: 1400-1430	36E42 01N06	4947	162,8

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1386		LTU	Radio Baltic Waves Int.	Sitkunai	150/500	0430-0500 NHK Russian (500 kW), 1600-1700 Polskie Radio in Polish (150 kW), 1700-1800 Polskie Radio in Belarussian (150 kW), 1800-1900 VOIRI/IRIB in Russian (500 kW); non-directional 257 mtr mast	23E49 55N02	1195	357,2
1386		RUS	Radio Rossii	Obninsk	5		36E36 55N06	1469	31,0
1394	0300-1500	MDG	Radio Television Malagasy	Antananarivo	4	in Malagasy	47E31 18S55	7401	156,5
1394	0455-0005	TGO	Radiodiffusion Togolaise	Lomé	20/1	in French & English	01E13 06N07	4823	215,3
1395		ALB	Radio Tirana/Trans World Radio	Fillakë	500	0901-1000 Radio Tirana in Albanian, 1925-2200 TWR: 1925-2000 Hungarian, 2000-2015 (Sa) Polish, 2000-2030 (Su-Fr) Polish, 2015-2030 (Sa) Arabic, 2030-2045 (Sa/Su) Croatian, 2030-2100 (Mo-Fr) Croatian, 2045-2100 (Sa) Slovenian, 2045-2100 (Su) Bosnian, 2100-2130 (Mo-Fr) Serbian, 2100-2130 (Sa) Croatian, 2100-2130 (Su) Bosnian; antenna at 330 degrees; off-channel 1394.82 kHz	19E40 40N57	557	229,8
1395		ARM	Radio Kavkaz//Goloss Rossii	Yerevan	500	Russian: 0500-0600, 1200-1300, 1700-1800, and 2000-2100; other times Kavkaz Programme			
1395		G	WNKR (pirate)	county Kent	0.05	weekends only			
1395	2100-1800	HOL	BIG-L Radio London	Trintelhaven	20*	in English exc. Dutch 0400-0600 (www.transportradio.nl); religious programmes Sa/Su 2100-2300; * 10 kW 0600-1900	05E25 52N38	1691	310,1
1395		IRL	Energy Power AM	Dublin (Pirate)	0.4	active on weekends			
1395	0000-2400	IRN	IRIB 1	?	?	also relay of VOIRI : 1200-1330 and 1630-1730 in English			
1395	0500-1700	IRQ	Radio Al-Mustaqbal	So. Iraq	20	ID: 'Idha'at al-Mustaqbal min Baghdad, Sawt al-Wifaq al-Watani al-Iraqi'			
1395	0500-2400	IRQ	Radio Shansheel	Basra	?	in Arabic			
1395	0500-2300	NIG	Akwa Ibom Broadcasting Corp.	Abak	10	in English & Hausa	07E47 04N59	4675	205,7
1395	0500-2300	NIG	Kogi State Broadcasting Corp.	Egde	10	in English			
1395	0000-2000	RUS	Radio Rossii/Radio Orenburg	Buguruslan	50	Radio Orenburg : 0110-0200 (Mo-Fr), 0210-0300 (Mo-Fr)	52E27 53N40	2255	52,7
1403	0400-2200	AGL	Emissora Provincial do Lobito	Lobito	1	off-frequency: 1403.67 kHz	13E33 12S21	6400	193,0
1404	0400-2300	AGL	Emissora Provincial do Bié	Kuito	10	relay prog 'A' all night	16E56 12S23	6352	189,1
1404		F	France Bleu/Radio Corsa Frequenza Mora	Ajaccio	20	0600-0700 and 1100-1200 in French and Corsian	08E46 41N46	1326	263,3
1404	0000-2400	F	France Info	various	5/20	via Brest local px in Breton Sa 1100-1300v; txs in Dijon (a) (5), Saint Nizier du Grenoble-Saint Nizier du Moucherotte (b) (20 - mast height 109m), Ajaccio (c) (20), Brest-Quimerch (d) (20) and Pau (e) (20 kW) ; (a) 05E01 47N18, (b) 05E39 45N11, (c) 08E46 41N46, (d) 04W09 48N16, (e) 00W24 43N18	04W09 48N16	2249	291,6
1404		G	Radio Rovers (RSL)	Blackburn	0.001	active days of home football games, ca. 28 days per year	02W29 53N45	2226	307,8
1404		G	RED (LPAM)	Colchester	0.001	carries Student Radio Network outside University term times	00E54 51N53	1949	304,1
1404	0000-2400	GRC	NET 1st px/ERA 2/ERA SPORT + ERA Komotini	Komotini	50	ERA Komotini : 0500-1600 (Mo-Fr), 0900-1100 (Sa), 1100- (Su); NET : news px; ERA 2 : music px	25E24 41N06	360	171,1
1404		I	Radio 106	Dinazzano	0.150				
1404		IRN	IRIB 1	Rasht	800	also relay VOIRI : 1930-2030 in English; // 7260-9022 kHz			
1404		ISR	Galei Zahal	Jerusalem	20				
1404	0500-1900	LBY	Quran programme	Tripoli	20		13E00 32N50	1629	222,5
1404	0255-2200	MWC	MBC	Chitpa	10	in English & Chichewa			
1404	0430-2300	NIG	Adamawa Radio Corp.	Gombe	10	in English & Yoruba	11E10 10N17	4001	203,1
1404		POL	Twoje Radio Chojnice	Chojnice	0.8	0700-0900 & 1700-1900, other times rebroadcast of Polskie Radio Gdansk	17E34 53N42	1167	336,1
1404	0000-2400	ROU	România Actualităţi/Radio Sighet	Vadu Izei	50	Radio Sighet : 0430-0600 (exc. Sun) & 1600-1730 (daily); also relays of Radio Cluj (-1200, 1400-1600) and Radio Bucharest (1200-1300 German, 1300-1400 Hungarian)	23E56 47N46	390	351,2
1404	0600-2200	ROU	România Actualităţi	Sibiu	15		24E10 45N47	171	345,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1413	0000-2400	D	SWR Cont.Ra	Ulm	1	1700-1800 (Fr) special immigrant programme; will be switched off end of 2011	20E59 48N27	544	329,4
1413		E	Radio Nacional 5	various	5-10	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); via Gerona: 0645-0700 & 1845-1900 regional news; txs in San Gregorio (Gerona - 5), El Castro (Vigo - 5) and Jaén (10 kW); news programmes			
1413		G	BBC Radio Gloucestershire	various	0.5	overnight relay of BBC Radio 5 Live; txs in Bourton-on-the-Water (a) and Berkley Heath; (a) 01W45 51N52	01W45 51N52	2125	302,7
1413		G	Fresh Radio	various	0.003-0.1	<i>current & classic hits</i> ; txs in Pateley Bridge (a) (0.003), Richmond (b) (0.04) and Skipton (c) (0.1); (a) 01W45 54N05, (b) 00W17 51N27, (c) 02W01 53N58	02W01 53N58	2204	308,7
1413	0000-2400	G	Premier Christian Radio	various	0.5	txs in Dartford (a) and Heathrow Airport (b); <i>news, current affairs and lifestyle issues reflecting the values and beliefs of the Christian faith, music features contemporary Christian artists</i> ; (a) 00E13 51N27, (b) 00W27 51N28	00E13 51N27	1982	302,3
1413		G	Radio Man United (RSL)	Manchester	0.001	active on days of home football games ca. 28 days per year	02W13 53N30	2201	307,3
1413	0600-1300	IRQ	Voice of the Worker-Communist Party of Iraq	Baghdad	?	ID: 'Huna al-Hezb al-Shiyouii al o-Maaly al-Iraqi min Baghdad'	44E24 33N20	2086	119,1
1413		MDA	Voice of Russia	Grigoriopol	500	1900-2100 Russian; antenna beam: 80°	29E18 47N09	475	46,6
1413		OMA	BBC World Service	A'Seela	800	0030-0100 Dari, 0100-0130 Hindi, 0130-0200 Urdu, 0200-0230 English, 0230-0300 Farsi, 0300-0400 English, 1300-1400 English, 1400-1500 Hindi, 1500-1530 Urdu, 1530-1600 English, 1600-1700 Farsi, 1700-1730 Hindi, 1730-1800 English, 1800-1830 Dari, 1830-1900 (Th) Dari, 1830-1900 (exc. Th) Pashto, 1900-2100 English; in Summer same hour! SW parallel: 6180-7105 kHz; Azimuth: 800/350 degrees	59E27 21N57	4028	116,6
1422		AFS	R. South Africa Panhellenic Radio	Bedfordview	1	English/Greek programmes for Greek community	28E09 26S10	7843	176,7
1422		ALG	Radio Coran/Radio Mitadja/Radio Culture	Alger	40	Radio Coran: 0400-0800; Radio Culture: 1600-2000	02E57 36N43	2017	252,8
1422	0000-2400	D	Deutschlandfunk	Heusweiler	400	<i>news and political programmes</i> ; // 6190 kHz	06E55 49N21	1463	298,9
1422	0200-2200	EGY	Egyptian Radio	various	10	txs in Ras Gharib and Salum			
1422	0000-2400	IRN	IRIB 1	Bakhtaran	100				
1422		IRN	VOIRI	Kermanshah	750				
1422	0255-2200	MWI	MBC	Matiya	10	in English & Chichewa			
1422	0000-2400	ROU	România Actualităţi	Olanesti	10		24E16 45N11	105	339,6
1431	0500-2300	D	Vo Russia	Wilsdruff	250	0500-0600 WS Russian, 0600-0900 IRR Russian, 0900-1000 WS Russian, 1000-1300 German, 1300-1600 WS Russian, 1600-1800 German, 1800-1900 WS Russian, 1900-2000 German, 2000-2300 WS Russian; 153 meter antenna mast	13E32 51N03	1123	315,9
1431	1600-0400	DJI	Voce of America/Radio Sawa	Arta	600	VOA: 1600-1630 Somali; Radio Sawa: 1645-0400 in Arabic; 4-mast antenna: 325 degrees, non-dir 1600-1630	43E04 11N34	4040	148,7
1431	0000-2400	G	Gold Breeze	Rayleigh	0.35	<i>classic hits, local and national news</i>	13E30 51N03	1125	315,8
1431		G	Fresh Radio	various	0.03-0.07	txs in Giggleswick (a) (0.003) and Ben Rhydding (b) (0.007 kW); (a) 02W16 54N03, (b) 01W48 53N55	01W48 53N55	2189	308,6
1431	0000-2400	G	Gold 1431/1485	Manor Farm	0.14	<i>good times, great oldies</i>			
1431		G	Apple AM (LPAM)	Taunton	0.001	Hospital radio station	03W06 51N01	2199	299,7
1431		G	Carillion Radio (LPAM)	Ashby	0.001	Hospital radio station	00W00 53N13	2052	307,7
1431		G	Chichester Hospital Radio (LPAM)	Chichester	0.001	Hospital radio station; slogan "channel 11"	00W47 50N50	2035	300,0
1431		G	Hospital R. Services (HSB), (LPAM)	Sheffield	0.001		01W30 53N22	2152	307,2
1431		G	Radio Redhill (LPAM)	Redhill	0.001	Hospital radio station			
1431	0700-2200	G	Source Radio Coventry (LPAM)	Coventry	0.001	Hospital radio station	01W33 52N25	2126	304,4

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
1431		G	University Radio Falmer (LPAM)	Brighton	0.001	24h: Student radio station serving universities of Sussex & Brighton	00W00 50N50	1981	300,3
1431	0700-2200	G	Xtreme AM (LPAM)	Swansea	0.001	Student radio station	03W58 51N38	2269	301,3
1431	0000-2400	GRC	Foititiko Radiofono Thessalonikis	Thessaloniki	low	Students radio station of Aristoteleion University of Thessaloniki	22E57 40N38	433	200,3
1431	0500-2300	I	Rai Radio 1	Foggia	2	regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo-Sa) and 1140-1150 (Su): RAI Puglia	15E33 14N28	3429	197,5
1431	0000-2400	IRN	IRIB 1	Esfahan	200	also heard on 1430.0 kHz	51E40 32N40	2660	109,9
1440	0700-1700	LUX	DRM – RTL Radio – Die Grössten Oldies	Die Grössten Oldies	30	0730-0800 RTL Radio Die Besten Hits aller Zeiten; all in German		1543	301,0
1440	0400-2300	AGL	Emissora Prov. da Lunda-Norte	Dundo	10	relay progr 'A' all night	20E49 07S22	5759	184,9
1440	0300-1500	ARS	General Arabic Programme	Dammam	1600				
1440	0430-2300	CAF	Radiodiffusion Centrafricaine	Bangui	20/50	in French and vernacular languages	18E31 04N19	4488	189,6
1440		LUX	RTL Radio – Die Grössten Oldies/ China Radio International/KBS World	Marnach	300-600*	RTL Radio: 0400-0700 & 1600-1900; China Radio Int'l: 1900-2100 German, 2100-2200 French, 2200-2400 English; KBS: 0000-0100 English, 0700-0730 German; religious px: 0400-0500 (Mo-Fr), 0500-0630 (Su), 1800-1900; *: power options for 300 and 600 kW. For CRI 600kW is used after dark (which can be 1900, 2000 or 2100). Three antenna options: UK, Germany and omnidirectional	06E04 50N02	1543	301,0
1440	0430-2300	NIG	Adamawa Broadcasting Corp.	Yola	58	in English & Hausa	12E52 10N23	3940	200,4
1440	0400-2200	RUS	Radio Zvezda	St-Petersburg	10		30E16 59N54	1774	10,1
1440		SRB	Radio Beograd 1	Jagodina	20		21E56 43N59	226	262,0
1440		TZA	Radio One	?	?				
1449		G	BBC Radio 4	Redmoss	2		02W05 57N07	2340	317,0
1449	0000-2400	G	BBC Asian Network	Gunthorpe	0.15	local px Sa/Su 1300-1500			
1449	0000-2400	G	Radio Lyneham (LPAM)	Chippingham	0.001	(3x8 hours)			
1449		G	Taunton School Radio (LPAM)	Taunton	0.001	Student radio station	03W06 51N01	2199	299,7
1449		G	The Hub (LPAM)	Bristol	0.001	Student radio station	02W35 51N27	2171	301,2
1449		G	University Radio Bath (LPAM)	Bath	0.001	Student radio station	02W22 51N23	2155	301,0
1449	0500-2300	I	Rai Radio 1	various	1-50	txs in Biella (a) (2), Bressanone (b) (2), Brunico (c) (2), Siena (d) (2), Cortina (e) (2), Sondrio (f) (2) and Squinzano (g) (50); regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo-Sa) and 1140- 1150 (Su): RAI Veneto (via Cortina), RAI Piemonte (via Biella), RAI Alto Adige (via Bressanone and Brunico), RAI Lombardia (via Sondrio), RAI Puglia (via Squinzano); via Bressanone e Brunico only: 1745-1800 local programme "Giornale Radio del Trentino Alto Adige"; (a) 08E03 45N34, (b) 11E39 46N43, (c) 11E56 46N48, (d) 11E21 43N19, (e) 07E36 45N52, (f) 09E52 46N10, (g) 18E00 40N28	18E00 40N28	698	234,7
1449		IRN	IRIB 1/VOIRI	Bandar-e-Torkaman	800	VOIRI: 0230-0500 Turkmen, 1400-1500 Russian, 1500-1730 Turkmen	54E07 36N55	2597	98,2
1449		LBY	Voice of Free Libya Mesrata	Al-Assah	500		15E05 32N46	1530	216,3
1449	0600-1900	MDA	Radio Moldova 2	Chişinău	50	in Romanian	28E50 46N57	434	45,8
1449		MLD	Voice of Maldives	Male	10	0025-1000, 1200-1740 (during Ramadan 0025-1800 continuously)	73E30 04N10	6515	118,5
1449		RUS	Radio Mayak	Monchegorsk?	42?		32E59 68N04	2686	7,5
1458	0400-2300	AGL	Emissora Provincial do Moxico	Luena	10	relay progr 'A' all night	19E55 11S47	6255	185,7
1458		ALB	Radio Tirana/China Radio International	Fllakë	500	Radio Tirana: 0730-0900 Albanian, 1500-1630 Albanian, 1630-1645 (Mo-Sa) Turkish, 1645-1700 (Mo-Sa) Greek, 1901-1930 (Mo-Sa) German, 1930-2000 (Mo-Sa) Turkish, 2115-2130 (Mo-Sa) Serbian; China Radio Int: 1700-1800 Bulgarian, 1800-1900 Italian, 2000-2100 Hungarian, 2130-2230 Polish, 2230-2330 Czech	19E40 40N57	557	229,8
1458		G	BBC Radio Cumbria	Whitehaven	0.5	overnight relay of BBC Radio 5 Live	03W35 54N32	2321	309,4
1458		G	BBC Radio Devon	Torquay	2	overnight relay of BBC Radio 5 Live	03W33 50N29	2222	298,1
1458	-2100	G	BBC Radio Newcastle	Wreckenton	2				

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1458	0000-2400	G	Sunrise Radio	Brookmans Park	215	carries Independent Radio News; <i>music, news and information for the Asian community</i>	00W11 51N44	2016	303,0
1458	0000-2400	G	BBC Asian Network	Langley Mill	5	0600-2400, 0000-0600 relay of BBC WS South Asian service	01W46 52N33	1915	306,7
1458	0000-2400	G	Gold Manchester	Ashton Moss	5	<i>adult-oriented rock and quality easy listening plus local, news and sport</i>	02W06 53N30	1932	310,0
1458	0000-2400	GIB	Gibraltar Broadcasting Corp.	Gibraltar	5	????-1900 Radio Gibraltar Mo- Fr 1300-1500 and Sat 1300-1400 Spanish, 1900-???? BBC World Service relay	05W21 36N08	2693	260,7
1458		ISR	Reshet Aleph	various	10	txs in Jerusalem, Eilat and Sha'ar Yashuv			
1458		MLD	Voice of Maldives	Male	5	standby transmitter	73E30 04N10	6515	118,5
1458	1030-0000	MYT	Radio Vision Mayotte	Pamandzi	5	Su 0830-0000	45E16 12S48	6680	156,8
1458		ROU	Romania Actualităţi	Constanta	100		28E38 44N06	312	92,7
1458	0100-2300	RUS	Radio Rossii	Kudymkar	7	also local programmes	54E40 59N01	2597	40,4
1467	0400-2300	AGL	Emissora Provincial do Kuando	Menongue	10	relay prog 'A' all night	17E42 14S40	6596	187,9
1467		ARS	General Arabic Programme	?	?	// 1521 kHz			
1467	2000-2400	F	Trans World Radio	Roumoules	1000	2015-2030 (Sa) Czech, 2015-2045 (Su-Fr) Czech, 2030-2100 (Sa) French, 2045-2115 (Mo-Fr) Kabyle, 2045-2130 (Su) Kabyle, 2100-2130 (Sa) Kabyle, 2115-2130 (Fr) Sous, 2115-2130 (Th) Arabic, 2115-2130 (Tu) Tarifit, 2115-2130 (Mo/We) Tamazight, 2130-2300 Arabic, 2300-2315 (Mo-Sa) English, 2300-2345 (Su) English	06E09 43N47	1483	274,3
1467	0000-2400	IRN	IRIB 1	Isfahan	200				
1467	0500-1900	MCO	Radio Maria	Le Col de la Madonne	40				
1476	0200-2200	AZE	Radio Araz	Pirsaat	150	relays BBC in Russian 0300-0330			
1476		BEN	Radio Diffusion du Benin	Cotonou	50/20	in French; probably inactive or very irregular		4742	214,0
1476	0430-2130	COG	Télédiffusion du Congo	Brazzaville	20	maybe inactive	15E17 04S16	5482	192,5
1476		E	Euskadi Irratia	Biribilondo	50	in Basque language	01W59 43N19	2137	276,5
1476	0200-2200	EGY	Egyptian Radio	El Minya	10				
1476	0200-2200	EGY	Holy Quran Radio	Souhag	10				
1476		IRN	IRIB 1	Sahandaj	10				
1476	0200-0000	RUS	Radio 1	Aleksin	1		37E02 54N30	1437	33,6
1476	0145-2045	UAE	UAE Radio	Dubai	1500	// 12005-13675-21605 kHz	35E35 27N26	2111	149,1
1484	0500-2300	NGR	La Voix du Sahel	Difa	0.1	in French & English	11E25 10N22	3984	202,8
1485		AFS	Radio Today	Honeydew	1	in English	27E56 26S04	7831	176,9
1485	0400-2300	AGL	Emissora Provincial do Kuanza-Sul	Sumbe	10	relay prog 'A' all night; slightly off-channel on 1484.5 kHz	13E50 11S12	6269	192,9
1485	0000-2400	D	AFN Bavaria	various	0.3	txs in Hohenfels (a), Regensburg (b), and Garmish-Partenkirchen; (a) 11E51 49N14, (b) 12E06 49N01	11E51 49N14	1122	303,8
1485	0000-2400	D	AFN Würzburg Primary	Ansbach	0.3	local px Ansbach: 0400-0800, 1000-1200, 1600-1700	10E36 49N19	1209	302,5

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1485	0000-2400	E	SER Radio Alcoy	Alcoy	5	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	00W28 38N42	2179	262,2
1485	0000-2400	E	SER Radio Santander	Soto de la Marina	10	regional and local programmes, see above			
1485	0000-2400	E	SER Radio Zamora	Zamora	10	regional and local programmes, see above	05W43 41N32	2484	273,6
1485		E	Onda Cero Antequera	Era de Santa Lucia		local programmes: 0527-0530, 0555-0559 (Mo-Fr), 0620-0630 (Mo-Fr), 0655-0700 (Mo-Fr), 0720-0730 (Mo-Fr), 0727-0730 (Sa/Su), 0827-0830, 0855-0859 (Mo-Fr), 0857-0900 Sa, 0927-0930, 0955-0959 (Mo-Fr), 0957-1000 Sa, 1025-1029 (Mo-Fr), 1027-1030 (Sa/Su), 1130-1300 (Mo-Fr), 1227-1230 (Sa/Su), 1320-1330 (Mo-Fr), 1400-1500 (Mo-Fr), 1457-1500 (Su), 1527-1530 (Mo-Fr), 1557-1600 (Mo-Fr), 1627-1630 (Mo-Fr), 1657-1700 (Mo-Sa), 1727-1730 (Mo-Fr), 1757-1900 (Mo-Fr), 1850-1853 (Sa/Su), 2030-2032 (Mo-Fr), 2130-2132 (Mo-Fr), 2225-2228 (Su), 2230-2232 (Mo-Fr), 2255-2258 Sa, 2257-2300 (Mo-Fr), 2320-2323 (Sa/Su), 2340-2343	04W35 37N00	2587	261,9
1485		E	Punto Radio Vilanova	Masía Padruell	5		01E42 41N14	1904	267,7
1485	0200-2200	EGY	Egyptian Radio	various	1-10	txs in El Tur (1) and Taba (10 kW)			
1485		ETH	Radio Ethiopia	various	1	Mo-Fr 0300-0600 & 0800-2000, Sa/Su 0400-2000; English: Mo-Fr 1030-1100			
1485		G	BBC Radio 4	Brisco	1		02W54 54N51	2290	310,6
1485	0400-2400	G	BBC Radio Humberside	Hull	1	Sa/Su 0500-2400; overnight relay of BBC Radio 5 Live	00W14 53N43	2085	309,0
1485		G	BBC Radio Merseyside	Wallasey	1.2	overnight relay of BBC Radio 5 Live	03W04 53N26	2253	306,7
1485		G	BBC Southern Counties Radio	Southwick	1	overnight relay of BBC Radio 5 Live; regional breakfast show for Brighton area 0600-0900	00W15 50N50	1998	300,2
1485	0000-2400	G	Gold 1431/1485	Washwater	1	<i>Good times, great oldies</i>			
1485	1	GRC	NET (1st px)	Orestiada	1	<i>news px</i>	26E32 41N30	344	154,2
1485	1	GRC	NET (1st px)/ERA 2/ERA SPORT + ERA Patra	Patra	1	ERA Patra: 0500-1100 (Mo-Fr), 1300-1900 (Mo-Fr); NET: <i>news px</i> ; ERA 2: <i>music px</i>	21E54 38N15	713	200,3
1485	1	GRC	NET (1st px)/ERA 2/ERA SPORT + ERA Volos	Volos	1	ERA Volos: Mo-Fr: 0500-1100 & 1330-1800; Sa: 0600-0700 & 1000-1200; Su: 0600-0800 & 1600-????; NET: <i>news px</i> ; ERA 2: <i>music px</i>	22E57 39N21	570	195,6
1485	0455-1900	HNG	Regio Radio	Mohacs	1	currently only with 0.22 kW	21E33 47N31	434	326,6
1485	0500-2300	I	Rai Radio 1	Vicenza	2	regional programmes: 0620- 0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su); RAI Veneto	11E33 45N33	1046	282,3
1485		I	Radio Broadcast Italia	Roma	0.5	in C-Quam stereo - future plans: 1 kW			
1485		IRN	IRIB 1	various	?	txs in Abadan, Sabzevar, and Izeh			
1485		LBY	Voice of Africa/Holy Quran	Tripoli	1	External Service: 1400-1600 French, 1600-1800 English; Holy Quran: 0500-1400	13E11 32N54	1614	222,1
1485		LVA	Radio Merkurs	Riga	1				

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1485		MEL	SER Radio Melilla	Melilla	5	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	02W55 35N15	2553	256,3
1485	0000-2400	MNE	Radio Crne Gore 1	various	1	txs Cetinje, Niksic, Plav, Pluzine and Zabljak			
1485	0600-0100	MRC	RTM C	Casablanca	1	transmissions in French, English and Spanish	07W40 33N36	3019	258,0
1485	0000-2400	NOR	NRK 1/NRK 2/NRK Troms	Longyearbyen (Spitsbergen)	1	Regional px from NRK Troms: Mon-Fri 0503-0530, 0540-0600, 0603-0630, 0640-0650, 0654-0700, 0705-0718, 0725-0730, 0737-0800, 0803-0805, 0903-0905, 1103-1106, 1203-1205, 1303-1305, 1403-1405, 1503-1530, 1533-1600, 1603-1630, 1703-1705, Sat 0705-0707, 0803-0805, 0903-0905, 1003-1008, 1103-1108; "Nordafør": Mon-Fri 1003-1100, 1106-1130; National Programme 1: Mon-Fri 0000-0503, 0530-0540, 0600-0603, 0630-0640, 0650-0654, 0700-0705, 0718-0725, 0730-0737, 0800-0803, 0805-0903, 0905-1003, 1100-1103, 1130-1203, 1205-1303, 1305-1350, 1400-1403, 1405-1503, 1530-1533, 1600-1603, 1700-1703, 1825-1900, 1951-2105, 2115-2400, Sat. 0000-0630, 0700-0705, 0707-0803, 0805-0903, 0905-1003, 1230-1350, 1700-2105, 2115-2400, Sun 0000-0703, 0800-1002, 1100-1203, 1300-1350, 1400-1530, 1600-1903, 2000-2105, 2115-2400; National Programme 2: Mon-Fri 1630-1650, 1705-1800, Sat 0630-0700, 1003-1103, 1110-1230, 1400-1700, Sun 0703-0800, 1002-1100, 1203-1300, 1530-1600, 1903-2000; Special weather forecast: Mon-Fri 1350-1400, 1650-1700, 2105-2115; Sat 1103-1110, 1350-1400, 2105-2115; Sun 1350-1400. 2105-2115	15E35 78N13	3793	356,7
1485	0000-2400	NOR	Ukesenderen	Trondheim	1	broadcasts every uneven year during local student's festival 2 weeks in October; // 7215 kHz	12E25 63N25	2265	344,1
1485		POL	Twoje Radio Biłgoraj	Biłgoraj	0.8		22E42 50N33	712	348,3
1485		POL	Twoje Radio Bielsko-Biała	Bielsko-Biała	0.8		19E02 49N49	750	326,9
1485		POL	Twoje Radio Gorlice	Gorlice	1		21E10 49N40	655	336,9
1485	0000-2400	POL	Twoje Radio Kielce	Kielce	0.8	rebroadcast of national Twoje Radio programmes	20E40 50N50	788	338,7
1485		POL	Twoje Radio Przemyśl	Przemyśl	1				
1485		POL	Twoje Radio Wałcz	Wałcz	0.8				
1485		ROU	Radio Vocea Sperantei	various	1	also relay of Micul Samaritan; txs in Bacau and Medias, Oradea planned			
1485		SDN	Sudan National Broadc. Corp.	Al-Gadarif	5				
1485	0000-2400	SRB	Radio Beograd 1	various	1	txs in Crna Trava (a), and Tutin (b); //7200 kHz; (a) 22E22 42N59, (b) 20E20 49N59	20E20 49N59	714	333,8
1485		SRB	Radio Beograd 2	Negotin	1	also local programmes	22E33 44N13	174	267,7
1485		SRB	Radio Novosadska Skala	Adice	1	also local programmes			
1485		SRB	Radio Pirot	Pirot	1		22E35 43N09	215	234,2
1485		SRB	Radio Priboj	Priboj	1		19E32 43N35	424	261,0
1485	0315-0035	SYR	R. of Syrian Arab Republic (1st px)	Homs	10		36E42 34N47	1471	131,9
1485		UGA	Radio Uganda	Arua	10	Mo-Fr 0300-1200 & 1300-2100, Sa/Su 0345-2100; all in English and ethnic languages	30E56 03N01	4631	170,7

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
1494		F	France Bleu/Radio Corsa Frequenza Mora	Bastia	20	Radio Corsa Frequenza Mora: 0700-0800 and 1100-1200 in French and Corsian	09E24 42N47	1246	267,6
1494	0000-2400	F	France Info	various	1-20	txs in Besançon (a) (5), Bayonne (b) (4), and Clermont- Ferrand-Ennezat (c) (20 kW); (a) <i>06E02 47N15</i> , (b) <i>01W28 43N29</i> , (c) <i>03E13 45N55</i>	03E13 45N55	1670	283,7
1494		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Rhodos	Rhodos	100	ERA Rhodos: 0500-1100 (Mo-Fr), 1300-1600 (Mo-Fr); NET: <i>news px</i> ; ERA 2: <i>music px</i>	28E10 36N15	941	160,8
1494	1600-0030	JOR	Radio Jordan	Al Karanah	1000	// 9830 kHz			
1494	0358-2200	MDA	Radio Moldova 1	various	20/30	Russian: 0700-0715, 1600-1615, 1900-2000; every first Tuesday 1800-1830 Polish; txs in Edineti (20) (a) and Cahul (30 kW) (b); (a) <i>48N12 27E18</i> , (b) <i>28E14 47N55</i>	48N11 27E18	475	23,6
1494	0000-2400	MRC	RTM C	Agadir	?	Arabic transmissions	09W31 30N20	3370	254,3
1494	1600-2000	RUS	Voice of Russia	St-Petersburg-Popovka	600	in Russian; azimuth: 258 degrees			
1502		MDG	Radio Television Malagasy	various	1-4	via ? (1): Mo-Fr 0200-1900 & Sa/Su 0300-2100; via Antananarivo (4 kW): 1600-2000 (Sa 1400-, Su 0900-)			
1503	0400-2300	AGL	Emissora Provincial de Benguela	Benguela	10	relay prog 'A' all night	13E24 12S34	6427	193,1
1503	0000-2400	AZR	AFRTS	Lajes - Terceira	0.1	ID "Island AM"; <i>country music at nights</i>	27W09 38N43	4341	278,8
1503	0500-1715	BIH	Radio Zavidovici	Mecevici	1	1700-1715 news of BH1; non-dir 52 meter antenna	18E11 44N28	521	274,3
1503		E	Radio Nacional 5	various	2	0800-2300; other times relay of Radio Nacional; local/regional px: 0625-0630 (Mo-Fr), 0650-0700 (Mo-Fr), 0800-0815, 1208-1300 (Mo-Fr), 1400-1415 (Mo-Fr), 1230-1300 (Sa/Su); news programme; txs in Piñeira (a) (Monforte de Lemos) and La Línea de la Concepción (b); (a) <i>07W32 42N30</i> , (b) <i>05W21 36N10</i>	07W32 42N30	2598	277,0
1503	0400-2300	EGY	North Sinai Radio	El Arish	75	also broadcasts local Matruh programme; ID: "Idhaat Shamaal Sainaa Min Al Arish"			
1503		G	BBC Radio Stoke	Stoke-on-Trent	1	overnight relay of BBC Radio 5 Live	02W11 53N00	2184	305,8
1503	0000-2400	G	Betar Bangla	Bow	0.1	East London community station for Bangladeshi and wider communities			
1503		G	Radio Diamonds (LPAM)	Irthlingborough	0.001	during home matches of Rushden & Diamonds			
1503		HOL	Radio 199	North Holland	0.001	Fr 1700-2300; Sa/Su 0900-2300; <i>golden oldies/soul</i>			
1503	0630-2130	I	Ondamedia Broadcast	Padova	0.6	relay (Tu-Su) 0600 & 1900 Voice of Russia in Italian			
1503	0000-2400	IRN	IRIB 1	Bushehr	100		50E50 28N58	2865	117,7
1503	0000-2400	MNE	Radio Crne Gore 2	various	1/10	txs in Bijelo Polje, Rozaje (1), Berane, Gornja Plavnica, Niksic, Pljevlja, Ulcinj (10 kW)			
1503	0000-2400	RUS	Radiostation Tsentri/Family Radio	Kurkino	20	Radio Tsentri: 1030-1800 & 1900-2100; Family Radio: 2100-1030 & 1800-1900	37E38 55N45	1566	31,1
1503	0400-0000	SRB	Radio Beograd 202	Krnjaca	10	ID: Radio Dvestadva	20E08 44N38	367	277,4
1503		TGO	Radio Kara	Kara	10	0525-0905, 1200-1435, 1625-2105	01E11 09N33	4479	217,5
1512		ARS	Call of Islam/Holy Quran	Jeddah	1000	0100-0300 Call of Islam, 1300-2100 Holy Quran; // 9730, 15230, 1467 kHz	39E10 21N32	2858	147,7
1512		GRC	NET 1st px/ERA 2/ERA SPORT + ERA Chania	Chania	50	ERA Chania: 0500-1100 (Mo-Fr), 1330-1800 (Mo-Fr); ID "Edho Chania"; NET: <i>news px</i> ; ERA 2: <i>music px</i>	24E03 35N29	982	183,6
1512	0630-2130	I	Ondamedia Broadcast	Galliera (Bologna)	1.2	relay (Tu-Su) 0700 & 1100 Voice of Russia in Italian			
1512		IRN	IRIB 1	Ardabil	50				
1521		ARS	BSKSA 1	Doba	2000		35E35 27N26	2111	149,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1521		E	SER Radio Castellón	Ctra Valencia	10	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	00W22 38N53	2163	262,6
1521		G	Flame Christion Comm. R Wirral (LPAM)	Upton	?				
1521	0000-2400	IRN	IRIB 1	Kiashahr	600				
1521	0200-2200	RUS	Radio Mayak	Zapolyarny	7				
1530	0400-2300	AGL	Emissora Provincial de Cabinda	Tenda	10	relay prog 'A' all night	12E09 05S15	5652	196,3
1530		CVA	Vatican Radio	Santa Maria di Galeria	150	0330-0350 Slovenian, 0350-0410 Croatian, 0410-0425 Czech, 0425-0440 Slovak, 0440-0500 Hungarian, 0500-0520 Polish, 0520-0540 German, 0540-0600 French, 0600-0620 English, 0620-0630 Italian, 0630-0700 Mass in Latin, 0700-0715 Italian, 0715-0730 French, 0730-0745 English, 0745-0800 Arabic(Mo-Fr), 1100 Angelus (Su), 1630-1700 Italian, 1700-1715 French, 1715-1730 English, 1730-1750 Slovenian, 1750-1810 Croatian, 1810-1830 Hungarian, 1830-1845 Czech, 1845-1900 Slovak, 1900-1920 Polish, 1940-2000 Rosary, 2000 Italian, 2020-2030 Esperanto (Su), 2030-2050 French, 2050-2110 English, 2110-2130 Spanish, 2130-2145 Portuguese, 2145-2200 Arabic, 2200 Italian, 2250 Esperanto (Su)	12E19 42N03	1036	260,4
1530		G	BBC Essex	Southend-on-Sea	0.15	local px for southend of the county; overnight relay of BBC Radio 5 Live	00E42 51N32	1952	302,8
1530		G	Celtic Music Radio	Glasgow	0.07		04W15 55N50	2407	312,5
1530	0000-2400	G	Pulse 2	Huddersfield	0.74	// 1278 exc. local px 1400-1800; <i>classic and contemporary hits with local, national and international sport</i>	01W47 53N39	2190	308,8
1530		IRL	Tyrone Community Radio (TCR)	?					
1530	0000-2400	MDR	PEF-Posto Emissor do Funchal	Funchal	2		17W10 32N45	3817	264,9
1530	0000-2400	ROU	România Actualităţi	various	14	txs in Mihaileni (a) and Mahmudia (b); (a) 26E12 47N54, (b) 28E55 45N09	26E12 47N54	416	15,2
1530		STP	Voice of America	Pinheira	40	0300-0430 English, 0500-0530 Hausa, 0530-0600 (Mo- Fr) French, 0600-0700 English, 1600-1700 English, 1700-1800 Portuguese, 1800-1830 (Mo-Fr) Portuguese, 1830-2000 French, 2000-2200 English; Same hours in Summer ; azimuth: 40°	06E43 00N17	5208	205,1
1539		D	Evangeliums Rundfunk	Mainflingen	700	0500-0900 & 1830-2200; will be switched off end 2011 (evening transmissions off air as of 1 August 2011)	08E55 50N00	1350	303,6
1539		DJI	Radiodiffusion Vision Djibouti	Djibouti	40	0300-0700 & 0900-2000 (Fr 0300-2200) in Afar, Arabic and Somali; // 4780 kHz	43E09 11N36	4040	148,5

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1539	0000-2400	E	SER Radio Elche	Elche	6	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	00W44 38N15	2222	261,2
1539	0000-2400	E	SER Radio Manresa	Manresa	5	regional and local programmes, see above	01E50 41N44	1877	269,3
1539		IRN	IRIB	Yazd	20		54E22 31N54	2914	108,1
1539		KOS	Radio Priština local px	Pec	10				0,0
1539	0200-1400	UAE	Asianet Radio	Sadiyat	100	in Malayalam			
1539	1400-0200	UAE	VOA Radio Aap Ki Duniyaa	Al-Dhabbaya	400	in Urdu; azimuth: 70°			
1548		AFS	Radio Islam	Lenasia	10		27E50 26S19	7859	177,1
1548	0000-2400	G	BBC Radio Bristol	Mangotsfield	5	0600-???? local px, ???-0600 BBC World Service; on Sun local px start at 0700	02W28 51N30	2164	301,4
1548	0000-2400	G	Forth AM	Colinswell	2.2	<i>classic hits, adult contemporary music, news and information, sport</i>			
1548	0000-2400	G	Magic AM	Skew Hill	0.74	<i>easy favourites, soft adult contemporary, local news & information</i>			
1548	0000-2400	G	Magic Liverpool	Bebington	1	<i>soft music, news and sport</i>	03W01 53N21	2248	306,4
1548	0000-2400	G	Capital Gold	Saffron Green	97.5	<i>great time music station hits from the 60s, 70s and 80s, sport, local & national news</i>	00W14 51N40	2018	302,8
1548		IRN	IRIB	Ferdows	1				
1548	0000-2400	KWT	Radio Sawa	Kuwait City	600*	* 1400-0600 600 kW, 0600-1400 300 kW; azimuth: 323°	47E59 29N22	2637	121,2
1548		MDA	Trans World Radio/Voice of Russia/China Radio Int	Grigoriopol	1000	TWR: 1800-1830 Bulgarian, 1830-1845 Balkan Romani, 1845-1915 Romanian, 1915-1945 (Sa/Su) Romanian, 1915-1945 (Mo-Fr) Romani, 1945-2000 Serbian; Voice of Russia: 0400-0600 Russian, 1400-1600 Russian, 1600-1800 Serbian, 2100-2230 Serbian, 2230-2330 Italian; China Radio Int: 2000-2100 Romanian (1800-1900 March-October); antenna beam: 245 degrees; TWR has same hour in Summer!	29E18 47N09	475	46,6
1548	0000-2400	SHN	Radio Sint-Helena	Jamestown	1	relays BBC WS 1200-1500 (Mo-Fr), 1300-1900 (Sa), 2200-0700, 0700-1800 (Su)	05W43 15S56	7375	212,1
1550		ALG	Radio Nacional Democratic. Sahara Reb	Rabuni	100	0800-1300 and 1700-2300 Arabic, 2300-2330 Spanish; also heard on 700 kHz; ID as "al-idha'at al-wataniyah li al-jumhuriyah al-arabiyahal-sahrawiyah al-dimuqratiyah"; SW parallel: 6297.17 kHz	08W06 27N33	3459	248,5
1554	0200-1900	MDG	Radio Television Malagasy	?	1	Sa/Su 0300-2100; in Malagasy			
1557		AZE	Radio Araz	Guba	?				
1557	0000-2400	F	France Info	Nice-Fontbonne	150		07E25 43N46	1383	273,6
1557		G	BBC Radio Lancashire	Oxcliffe	0.25	overnight relay of BBC Radio 5 Live			
1557	0000-2400	G	Gold 1557	Kings Heath	0.76	<i>good times, great oldies</i>			
1557	0000-2400	G	Gold	Veals Farm	0.5	<i>easy listening</i>			
1557	0000-2400	HOL	Magic Jazz	Amsterdam city centre	0.005				
1557	1700-2300	LTU	Radio Baltic Waves Int.	Kaunas/Sitkunai	150	Relays of Polish Radio: 1700-1800 Polish, 1800-1900 Belarussian; non-directional			

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1566		ARM	Radio Rossii	Yerevan	5		44E30 40N11	1686	98,9
1566		BEN	Trans World Radio	Parakou	100	0255-0535 & 1700-2145: 0255-0330 English, 0330-0430 Hausa, 0430-0500 English, 0500-0530 Ewe/Twi, 0530-0600 English, 1700-1740 Hausa, 1740-1820 English, 1820-1855 Yoruba, 1855-1910 Fongbe/Yoruba/Lokpa/Lfè/Baatonum/Fon/Ditamari, 1910-1925 Kanuri, 1925-1940 Pulaar, 1940-2010 Fulfulde/Pulaar/French, 2010-2025 Dendi/Songhai/Fon/Bariba/Lfè, 2025-2040 Igbo/Moore, 2040-2245 French		4433	215,4
1566		G	BBC Bristol & Somerset Sound	Taunton	0.63	BBC Bristol: 0700-1200 and 1200-1400; overnight relay of BBC Radio 5 Live	03W06 51N01	2199	299,7
1566	0000-2400	G	County Sound	Peasmarsh	0.75	<i>full service, soft adult contemporary, gold</i> ; antenna: verticale base-fed 30 m triangular lattice tower	00E41 50N58	1938	301,0
1566	0000-2400	I	Challenger Radio	Villa Estense (Padova)	0.8	mostly children songs; also relay from European Gospel Radio (1800-0100)	45N10 11E40	1036	279,9
1566	0000-2400	IRN	IRIB 1	Bandar-Abbas	100		56E17 27N11	3392	113,5
1575	0000-2400	E	SER Radio CórDoba	CórDoba	5	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc			0,0
1575	0000-2400	E	SER Radio Pamplona	Pamplona	5	antenna height: 68 metres; regional and local programmes, see above	01W38 42N49	2122	274,8
1575	0200-2200	EGY	Egyptian Radio	Quseir	10				
1575	0000-2400	F	Radio Nouveaux Talents	Meudon	5		02E14 48N49	1785	294,3
1575	0000-2400	G	Hospital Radio Tyneside (LPAM)	Newcastle	0.001		05W53 54N12	2454	307,5
1575		G	Oakwell 15-75 AM RSL (LPAM)	Barnsley	0.001	days of home football games, ca. 28 days per year	01W29 53N33	2157	307,8
1575	0500-2300	I	Rai Radio 1	various	1-50	txs in Campobasso (2), Genova (a) (50), Gorizia (2), Nuoro (1); regional programmes: 0620-0630 (Mo- Sa), 1110- 1130 (Mo- Sa) and 1140- 1150 (Su): RAI Molise (via Campobasso), RAI Liguria (via Genova), RAI Friuli Venezia Giulia (via Gorizia), RAI Sardegna (via Nuoro); (a) 08E55 44N25	08E55 44N25	1256	276,1
1575		IRN	IRIB	Ghaen	10				
1575		MAU	BBC World Service	Bigara	2				
1575	0500-2300	NGR	La Voix du Sahel	Niamey	1	in French & English	01E47 13N40	4042	219,7
1575	0000-2400	UAE	Radio Farda	Al Dhabiya	800	in Persian; beam: 360°	54E15 24N11	3483	120,2
1584	0000-2400	BHR	Radio Bahrain	Manama	1	in English	50E35 26N14	3066	122,3
1584		BIH	Radio Bosanski Petrovac	Bosanski Petrovac	1		16E22 44N34	665	275,5
1584		CEU	Radiolé Costa del Estrecho	Ceuta	5	SER Local programs until 1830 then relay of Radiolé network	05W17 35N53	2701	260,1

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1584	0000-2400	E	SER Radio Gandía	Gandía	2	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	00W12 38N58	2146	262,6
1584	0000-2400	E	SER Radio Orense	Orense	5	regional and local programmes, see above	07W51 42N20	2628	276,7
1584	0400-2200	EGY	Egyptian Radio	Baris	1		30E36 24N40	2247	164,4
1584	0200-2200	EGY	Southern Upper Egypt Radio	Idfu	10	ID "Idha'at ganob al sa'eed"	32E52 24N58	2272	158,4
1584		F	Beur FM	Baho (Perpignan)	1	probably inactive	02E50 42N42	1770	271,9
1584		G	BBC Radio Hereford & Worcester	Woofferton	0.3	overnight relay of BBC Radio 5 Live	02W43 52N18	2200	303,6
1584	0000-2400	G	BBC Radio Nottingham	Clipstone	1	Mon-Fri: 0000-0600 BBC Radio 5 Live, 0600-2000 local programmes, 2000-2200 East Midlands px, 2200-0000 Pan Midlands px; weekends: 0100-0700 BBC Radio 5 Live, 0700-0100 local programmes	01W06 53N10	2120	306,9
1584		G	London Turkish Radio	Lea Bridge Road	0.2	also relays programmes of Radio Bayrak (Northern Cyprus); <i>px for the Turkish and Turkish-speaking community</i>			
1584	0000-2400	G	Radio Tay	Friarton Road	0.21	<i>chart & classic hits, sport, news and information</i>			
1584		GRC	NET (1st px)/ERA 2/ERA SPORT + Regional	Serres	1	NET: news px; ERA 2: music px	23E33 41N06	369	195,6
1584		GRC	Radiostathmos Armaliadas	Amalias	1		21E21 37N48	776	202,6
1584	0000-2400	HOL	Quality Radio	Utrecht-Galgenwaard	1	ID also as Radio Paradijs	05E08 52N05	1683	307,9
1584	0500-2300	I	Rai Radio 1	Terni	2	regional programmes: 0620-0630 (Mo-Sa), 1110-1130 (Mo-Sa) and 1140-1150 (Su) by Rai Umbria	12E39 42N34	994	263,0
1584		I	Radio Verona	Verona	?	irregular transmissions	11E00 45N27	1088	281,6
1584		IRL	Zenith Classic Rock	Waterford city	1	Fri 0000 - Su 2400			0,0
1584		IRN	IRIB 1	Urumiyeh	100?				
1584		KOS	Radio Priština local px	Uroševac	2		21E08 42N21	363	234,6
1584	1900-2100	KWT	Tests (ex Radio Sumer)	?	50	<i>test format: Arabic music non-stop</i>			
1584	0000-2400	MNE	Radio Crne Gore 1	various	1	txs in Bar, Herceg Novi and Rozaje			
1584		POL	Twoje Radio Andrychów	Andrychów	0.1	local pxs: 0600-0700, 1000-1100 & 1500-1600 & 1900-2000; at other times relay of Polskie Radio Kraków	19E21 49N51	739	328,5
1584	0000-2400	POL	Twoje Radio Busko	Busko-Zdrój	0.5	central Twoje Radio program	20E43 50N28	749	337,7
1584		POL	Twoje Radio Chełm	Chełm	0.8				
1584	0000-2400	POL	Twoje Radio Krosno	Krosno	0.8				
1584	0000-2400	POL	Twoje Radio Nowy Sącz	Nowy Sącz	0.8		20E43 49N38	667	334,3
1584		POL	Twoje Radio Ozorkow	Ozorkow	0.1				
1584		POL	Twoje Radio Słupsk	Słupsk	0.8				
1584		POL	Twoje Radio Tarnobrzeg	Tarnobrzeg	1				
1584		ROU	Radio Vocea Sperantei	various	1	txs in Bistrita, Sighetu Marmatiei, Craiova, Radauti and Suceava			
1584	0000-2000	RUS	Radio Rossii	Pleshanovo	7	also local px from Radio Orenburg	53E30 52N51	2300	55,4

Freq	UTC	ITU	Station	Locations	kW	Details (programme format in <i>italic</i>)	Coord.	Km.	Azim.
1584	0200-0000	RUS	Radio Rossii/Dagestankoye Radio	Khunzakh	?	Dagestankoye Radio in Russian: 0340-0400, 0525-0600 (Su), 0800-0900 (Sa), 0815-0900 (We), 0820-0900 (Su), 1215-1300 (Sa), 1500-1540 (Mo-Fr)	46E43 42N32	1781	88,6
		SRB	Radio Prijepolje	Prijepolje	1	<i>on air?</i>	19E39 43N23	420	257,7
1584	0330-2300	UKR	Ukrainske Radio 1 (Persha px)	Verkhovyna	1	Sa/Su 0400-; also relay of regional programme (Ivano-Frankivske Oblasne Radio): Mo-Fr: 0445-0455, 0610-0630, 1340-1400, 1610-1700, 1800-1830, Sa: 0410-0430, 0610-0630, 1545-1600, 1610-1700, 1800-1830, Su: 0410-0430, 0610-0630, 1345-1400, 1610-1700, 1800-1830	24E48 48N09	428	0,7
1586	0500-2300	AGL	Emissora Provincial do Moxico	Luena	10	probably inactive or very irregular	19E55 11S47	6255	185,7
1588	0600-1000	IRQ	Radio Shrra	Baghdad	0.1		44E24 33N20	2086	119,1
1593	0000-2400	D	DRM - WDR	<i>Langenberg</i>	10				
1593		ARS	General Arabic Programme	?	?				
1593	0200-2200	EGY	Matruh Radio/Holy Quran px	Matruh	10	Holy Quran px ID: "Idha'at Kuran al-Karim min al-Qāhira"; local px: -2000	27E15 31N22	1455	170,5
1593	1400-0500	KWT	Voice of America/Radio Free Iraq	Kuwait City	150	1400-0700: 1400-1500 VOA Kurdish, 1500-1530 R Free Iraq in Arabic, 1530-1830 VOA Persian, 1830-2000 R Free Iraq in Arabic, 2000-2100 VOA Kurdish, 2100-2300 R Free Iraq in Arabic, 2300-0100 VOA Special English, 0100-0130 VOA English, 0130-0200 VOA Special English (Tu-Sa), 0200-0700 R Free Iraq in Arabic; azimuth: 350°	47E59 29N22	2637	121,2
1593		MRC	RTM C	Marrakesh	1	transmissions in French, English and Spanish	08W00 31N40	3166	254,9
1593	0355-2000	ROU	Radio Cluj	Various	2-7	0355-2000 (Su from 0600); also programmes in Ukrainian 1045- (Mo) and Hungarian: 0600-0800 (Mo-Sa), 1300-1600 (Mo-Sa), 1200-1600 (Su); via Sibiu only: 1630-1900 Antena Sibiului; txs in Oradea (a) (2) and Sibiu (b) (7); (a) 21E58 47N03, (b) 24E10 45N47	24E10 45N47	171	345,1
1593		ROU	Radio Romania Actualități	Ion Korvinn	14		27E39 44N05	234	94,9
1593	0355-2000	ROU	Radio Tirgu Mures	Miercurea Ciuc	14	1800-1900 in German (Radio Neumarkt)	25E48 46N23	246	19,4
1593	0000-2400	TUR	AFN	Incirlik	?		32E32 40N07	793	123,2
1602	0000-2400	E	Euskadi Irratia Radio Vitoria	Cerro Estibaliz	25	in Spanish			
1602	0000-2400	E	SER Radio Cartagena	La Asomada	5	regional and local programmes: 0000-0001 (Mo-Fr) loc, 0030-0031 (Mo-Fr) loc, 0159-0200 (Mo-Fr) loc, 0259-0300 (Mo-Fr) loc, 0550-0600 (Mo-Fr) reg, 0620-0630 (Mo-Fr) loc, 0720-0730 reg, 0750-0800 (Sa/Su) loc, 0827-0830 (Mo-Fr) loc, 0855-0900 (Mo-Fr) loc, 0855-0858 (Sa/Su) loc, 0903-0905 (Mo-Fr) loc, 0930-0935 (Mo-Fr) loc, 0955-0958 (Sa/Su) loc, 0957-1000 (Mo-Fr) loc, 1003-1006 (Mo-Fr) loc, 1030-1035 (Mo-Fr) loc, 1055-1058 (Sa/Su) loc, 1057-1100 (Mo-Fr) loc, 1105-1300 (Sa/Su) loc, 1120-1130 (Mo-Fr) reg, 1130-1300 (Mo-Fr) loc, 1305-1315 reg, 1315-1330 loc, 1410-1500 loc, 1530-1533 (Mo-Fr) loc, 1623-1624 (Su) loc, 1630-1633 (Mo-Fr) loc, 1720-1723 (Mo-Fr) loc, 1723-1724 (Su) loc, 1753-1754 (Sa) loc, 1823-1824 (Su) loc, 1853-1854 (Sa) loc, 1923-1924 (Su) loc, 1925-1930 (Mo-Fr) reg, 1953-1954 (Sa) loc, 2023-2024 (Su) loc, 2053-2054 (Sa) loc, 2123-2124 (Su) loc, 2153-2154 (Sa) loc, 2157-2200 (Mo-Fr) loc, 2227-2230 (Su) loc, 2255-2300 Mo-Fr loc, 2257-2300 (Sa) loc, 2330-2331 loc	01W00 37N35	2276	259,8
1602	0000-2400	E	SER Radio Linares	Linares	5	regional and local programmes, see above	03W40 38N06	2460	263,6
1602	0000-2400	E	SER Radio Onteniente	Onteniente	5	regional and local programmes, see above	00W37 38N49	2186	262,6
1602	0000-2400	E	SER Radio Segovia	San Agustín	5	regional and local programmes, see above	04W05 40N55	2376	271,0
1602		EGY	Egyptian Radio	various	10	txs in Siwa (0200-2200), El Dakhla (0400-2200) and Nag Hamadi (0400-2000)			
1602		F	Radio Orient	Nîmes	1		04E21 43N50	1625	275,3
1602		FIN	Scandinavian Weekend Radio	Virrat	0.4	first Saturday of the month only (starting Fri 2300)	23E37 62N23	2012	358,3
1602		G	BBC Radio Kent	Rusthall	0.25	overnight relay of BBC Radio 5 Live			

Freq	UTC	ITU	Station	Locations	kW	Details <i>(programme format in italic)</i>	Coord.	Km.	Azim.
1602		G	Desi Radio	Southall	0.07	Access Radio in Punjabi	00W22 51N03	2011	300,8
1602		G	Horse Racing RSLs	various	0.001	races in Ascot, York, Doncaster; stations are typically on the air one or two days at a time			
1602		G	Motor Racing RSLs	various	0.001	races in Donington, Snetterton, Knockhill, Castle Coombe, Oulton Park, Silverstone, Brands Hatch; stations are typically on the air one or two days at a time			
1602		GRC	NET (1st px)	Samos	1	<i>NET: news px</i>	26E40 37N42	752	166,9
1602		GRC	NET (1st px)/ERA 2/ERA SPORT + ERA Kozani	Kozani	1	<i>ERA Kozani: 0500-1100 (Mo-Fr), 1300-1700 (Mo-Fr), 0500-1000 (Sa), 0530-1000 (Su); NET: news px; ERA 2: music px</i>	21E46 40N16	511	209,6
1602		GRC	NET (1st px)/ERA 2/ERA SPORT/ERA Kavala	Kavala	1	<i>ERA Kavala: 0500-1200 (Mo-Fr), 1330-1600 (Mo-Fr), 0600-1200 (Sa/Su); NET: news px; ERA 2: music px ; regularly on fixed 1600.7 kHz</i>	24E49 40N52	382	178,9
1602	0000-2400	HOL	Radio Waddenzee/Radio Seagull	Pietersbierum		<i>R. Waddenzee: 0600-1900; R. Seagull: 1900-0600; the station has two transmitters but can only activate one at the time</i>	05E29 53N13	1716	312,1
1602		IRN	IRIB 1	Zanjan	?	heard on 1601.6 kHz	48E29 36N40	2171	104,8
1602	0200-1900	MDG	Radio Television Malagasy	?	1	Sa/Su 0300-2100; in Malagasy			
1602	0000-2400	MNE	Radio Crne Gore 1	various	1	txs in Berane, Budva, Pljevlja, Savnik and Tivat			
1602		POL	Twoje Radio Ilża	Ilża	0.1	<i>own programmes 0700-0800 and 1800-1900; other times relay of Radio Kielce</i>	21E15 51N10	807	342,4
1602		POL	Twoje Radio Cieszyn	Cieszyn	0.1		16E03 54N10	1263	333,3
1602		POL	Twoje Radio AM	Kraków	0.8				
1602		POL	Twoje Radio Sanok	Sanok	0.8				
1602		QAT	QRTC	?	10	Quran programme: 0245-0700; Folk px: 1300-1600; Urdu: 1600-1900			
1602		ROU	Radio Vocea Sperantei	Piatra Neamt	1		26E20 46N55	316	22,6
1602	0000-2400	ROU	Radio C.N.M.	Arad	1	<i>religious px</i>	21E19 46N11	340	309,3
1602		ROU	Radio Sud Est	Slobozia	0.5	very unstable frequency	27E25 44N40	217	78,2
1602		SDN	Sudan National Broadc. Corp.	Kadogi	5				
1602		SRB	Radio Beograd 1	Sjenica	1		20E00 43N16	397	254,8
1602		SRB	Radio Leskovac	Leskovac	1	non-directional 45 meter antenna mast - <i>on air?</i>	21E57 43N00	267	238,1
1602	0630-2100	SRB	Radio Požega	Požega	1		20E25 13N09	3488	188,1
1610		GRC	NET (1st px)	?	?	<i>NET: news px</i>			
1611		CVA	<i>DRM - Vatican Radio</i>	<i>Santa Maria di Galeria</i>	20	<i>0700-1610 (Sa/Su 0915-) and 2200-2400: 0700-0745 Italian, French, English, 0915-1100 Papal audience, 1100-1115 Anglus, 1115-1200 Italian, 1200-1300 French, 1300-1400 Italian, 1400-1415 Spanish, 2120-2310 Italian, 2310-2400 German, English, Italian</i>	12E27 41N54	1031	259,3
1611		CVA	Vatican Radio	Santa Maria di Galeria	15/100	0520-0640 & 1650-2020: 0520-0540 Romanian, 0540-0600 Bulgarian, 0600-0620 Scandinavian, 0620-0640 Albanian, 1650-1710 Armenian, 1710-1740 Russian, 1740-1800 Ukranian, 1800-1820 Byelorussian, 1820-1840 Lithuanian, 1840-1900 Latvian, 1900-1920 Romanian, 1920-1940 Bulgarian, 1940-2000 Scandinavian, 2000-2020 Albanian, 2020-2040 Italian (Mo), 2040-2100 English (Mo), 2020 Esperanto (We/Th), 2020 Philippine (Fr), 2250 Esperanto (Su)	12E27 41N54	1031	259,3
1611-1660						Many primarily Dutch pirate stations broadcast almost daily in this frequency segment			
1600-1800						Many Greek and Serbian pirate stations operate in this frequency segment with powers up to 5 kW			

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
Albania	RTVSH 1	621 648 693 864 909 1089 1260	Rruga "Ismail Qemali" 11, Tirana	http://rtsh.sil.at/		
	Radio Tirana (ext. service)	1458	Rruga "Ismail Qemali" 11, Tirana	http://rtsh.sil.at/	aibro@albaniaonline.net (Director Astrit Ibro)	
	Radio Korçë	963				
	Radio Kukës	990				
	Radio Shkodër	1323				
	Trans World Radio	1395	TWR Europe Office, Postfach 141, A-1235 Wien, Austria	www.twr.org		
	China Radio International	1215 1458	www.cri.cn			
Algeria	Alger Chaîne 1	153 198 252 531 549 558 666 693 702 738 837 873 927 1026 1161 1287	21 Blvd. des Martyrs, Alger			
	Alger Chaîne 2	693 981	21 Blvd. des Martyrs, Alger			
	Alger Chaîne 3	252 648 1305	21 Blvd. des Martyrs, Alger			
	Radio Algiers Int'l	153 198 252	21 Blvd. des Martyrs, Alger			
	VO Democratic Sahara	700 1550	Polisario Front, B.P. 10, El Mouradia, 16000 Alger	http://web.jet.es/rasd/amateur4.htm	rasdradio@yahoo.es	
	Radio Coran	1422	21 Blvd. des Martyrs, Alger			
	Radio Culture	1422	21 Blvd. des Martyrs, Alger			
	Radio Adrar	1089	Rue Allel El Hacheni ex-Cinéma El Djamel, BP 309, Adrar			
	Radio Ahagar	909	BP 1080, Tamanrasset			
	Radio El Wahat	1026				
	Radio Mitidja	1422	10 rue Ahmed Zabana, Alger			
	Radio Saoura	576	Quartier El Badr 622, BP 330, Bécharr			
Angola	Emiss. Prov. da Huila	1232 1313				
	Emiss. Prov. da Lunda-Norte	1440				
	Emiss. Prov. da Lunda-Sul	1241				
	Emiss. Prov. de Benguela	774 1200 1503				
	Emiss. Prov. de Bengo	1134				
	Emiss. Prov. de Cabinda	1278 1530				
	Emiss. Prov. de Malanje	1188 1196.7				
	Emiss. Prov. do Bié	990 1404				
	Emiss. Prov. do Huambo	1010 1170				
	Emiss. Prov. do Kuando	1467				
	Emiss. Prov. do Kuando-Kubango	1148				
	Emiss. Prov. do Kuanza Norte	1259				
	Emiss. Prov. do Kuanza-Sul	1110 1484				
	Emiss. Prov. do Lobito	1403				
	Emiss. Prov. do Moxico	1458 1586				
	Emiss. Prov. do Namibe	1313				
	Emiss. Prov. do Uíge	1260 1296				
Emiss. Prov. do Zaire	1152 1298					
Rádio Nacional de Angola	945 1088 1367 1386		www.rna.ao			
Armenia	Radio Yerevan 1	864	5 Alex Manoogian st., 375025 Yerevan			
	Hayastani Dzayn (VO Armenia)	234 864	5 Alex Manoogian st., 375025 Yerevan			1 IRC required for reply
	Radio 1	234	ul. Akad. Koroleva 12, 127000 Moskva, Russia			
	Radio Mayak	702	ul. Akad. Koroleva 12, 127000 Moskva, Russia			
	Radio Rossii	1566	Yamskogo polya 5-ya ul. 19/12, 125124 Moskva, Russia			
	Radio Kavkaz	1395				
	Deutsche Welle	1350	Postfach 100 444, 50968 Köln, Germany	www.dwelle.de		
	Voice of Russia	1314 1350	ul. Pyatnitskaya 25, 115326 Moskva, Russia	www.vor.ru		
	Russian International Radio	234 864 1314				
	Radio Sodruzhestvo	1377				
	Adventist World Radio	1314		www.awr.org		
	Trans World Radio	864 1350 1377	TWR Europe Office, Postfach 141, A-1235 Wien, Austria	www.twr.org		v/s Beth Chick (2006)
	Radio Free Iraq	864		www.rferl.org/info/iraq/187.html		
	Radio Liberty	864	Washington, DC 20237, USA	www.rferl.org		
China National Radio	1377					
NHK Japan	1377					
Azerbaijan	Azerbaijani Radio 1	216 549 801 891	Mehdi Hüseyn küçəsi 1, 370011 Baku	www.aztv.az		send reception reports to root@aztv.baju.az
	Radio Araz (2nd programme)	1359 1476 1557		www.aztv.az		v/s Kamil Mamedor, Director Division Int'l Relations (2001)
	Foreign Service	1296	Mehdi Hüseyn küçəsi 1, 370011 Baku	www.aztv.az		send reception reports to root@aztv.baju.az
	BBC World Service	801	P.O. Box 76, Bush House, Strand, London WC28 4PH, UK	www.bbc.co.uk/worldservice/		

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
Azores	RDP Açores, Antena 1	693 828	Rua Castelo Branco, 9500 Ponta Delgada			
	AFRTS	1503	Station Chief, AFN Lajes Field (AB4), Detachment 6, AFBS AE 09720-7755, USA			
Bahrain	Radio Bahrain	612 801 1584	P.O. Box 702, Manama	www.radiobahrain.fm		v/s Ahmed Suleiman, Head of Radio (1999)
Belarus	Belaruskaye Radio 1	279 1278	vul. Makajonka 9, 220807 Minsk			
	Kanal Kultura (2nd px)	1008 1026 1125 1197	vul. Makajonka 9, 220807 Minsk			
	Radio Belarus	1170	4, Krasnaya St., Minsk, 220807	www.radiobelarus.tvr.by	radiostation-belarus@tvr.by	
	Radio Mayak	1566	ul. Akademika Koroleva 12, 127000 Moskva, Russia			
	Voice of Russia	1170	ul. Pyatnitskaya 25, 115326 Moskva, Russia	www.vor.ru		
	Radio Brest	1170				
	Radio Gomel	1170				
	Radio Hrodna	1170	ul. Gorkogo 85, 230015 Hrodna		radiotech@tvr.grodno.by	v/s : Mr. Alexander Bakurskiy (2006)
Belgium	Radio Vlaanderen Info	927	August Reyerslaan 52, 1043 Brussel	www.rvi.be		
	Sporza	927	August Reyerslaan 52, 1043 Brussel	www.sporza.be		
	RTBFI	621	Reyerslaan 52, bus BRR016, 1044 Brussel	www.rtbfi.be		
	RTBF Vivacité	1125	Cité de la Radio-Télévision, 1044 Brussel	www.vivacite.be		
Benin	Radiodiffusion du Benin	1476				
	Trans World Radio	1566				reception reports to 1566@twr.org - v/s Lorraine Stavropoulos (2008)
Bosnia	BH Radio 1	612	Bulevar Mese Selimovica 12, 71000 Sarajevo			
	Radio Banovici	792	Banovica 62, 75290 Banovici		radiobanovici@yahoo.com	v/s Fikret Keric, tech department Radio Banovici (2008); replies via e-mail on e-mailed reports
	Radio Bosanski Petrovac	1584	Bosanska 134, 77250 Bosanski Petrovac			
	Radio Tuzla	774	Mirze Delibascica 4, 75000 Tuzla	www.radiotuzla.com	radiotz@radiotuzla.com	v/s Mirzet Merić, ing.el.teh. rukovodilac tehnike (2008)
	Radio Zavidovici	1503	Ul. Marsala Tita (Stari Hotel) , 72220 Zavidovici	www.radio.zavidovici.eu	slipogor@bih.net.ba	v/s Mustafa Mujanovic (2001)
	Radio 27	1503	RFE, South Slavic service, Vinohradska 1, 11000 Praha 1, Czech Republic	www.danas.org	rfe.sa@bih.net.ba	
	American Forces Network	1143				
Botswana	Radio Botswana	531 558 621 648 693 873 945 972 1071 1215				
	Voice of America	1350 909				
Bulgaria	Radio Horizont	261 747 864 963 1017 1161 1224	4 Dragan Tzankov Str, 1040 Sofia	www.bnr.bg/sites/horizont		
	Radio Blagojevgrad	864	56 blv. A. Velitchkov, 2700 Blavgoevgrad	http://radioblg.com/v1/		
	Radio Christo Botev	1296	4 Dragan Tzankov Str, 1040 Sofia	www.bnr.bg/sites/hristobotev		
	Radio Samuil	864				
	Radio Shumen	963				
	Radio Stara Zagora	873				
	Radio Varna	774				
Radio Bulgaria	747 1224	4 Dragan Tzankov Str, 1040 Sofia	http://bnr.bg/sites/radiobulgaria/Pages/default.aspx			
Burkina Faso	Radiodiff. Nation. du Burkina	747 1341				
	Radio Bobo	1008				
Canary Islands	Radio Nacional 1	576 621	San Martín 1, 38001 Santa Cruz de Tenerife			
	RNE 5 Tenerife	720	San Martín 1, 38001 Santa Cruz de Tenerife			
	RNE 5 Las Palmas	747	Avda. Primero de Mayo 21, 35002 Las Palmas de Gran Canaria			
	Radio Ecce Las Palmas	1269	Avda. de Escaleritas 64, 35011 Las Palmas, Islas Canarias	www.radioecce.org		v/s Jose Antonio Gonzales Davila, jefe de programas (1999)
	COPE Las Palmas	837	Av. Escaleritas 60, Las Palmas 35011, Islas Canarias			
	COPE Tenerife	882	Obispo Rey Redondo 49, La Laguna 38201, Islas Canarias		c-tenerife@arrakis.es	
	SER Radio Club Tenerife	1179	Av. de Anaga 35, Santa Cruz de Tenerife 38001, Islas Canarias			
Punto Radio Las Palmas	1008	Profesor Lozano 5, Las Palmas 35008, Islas Canarias	www.puntoradio.com		v/s Sebastian Rodriguez Benitez, Director	
C. African Rep.	Radiodiffusion Centrafricaine	1440				
Ceuta (Spain)	Radiolé	1584	Poblado Marino, Local 32, 51001 Ceuta	www.radiole.com		hard to QSL, try via: Virgilio Oñate 1, 11701 Ceuta

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
Chad	RDiff. Nat. Tchadienne	840	BP 892, N'Djaména			
	Radio Sarh	850				
Congo	Télédiffusion du Congo	1476				
Congo (Dem Rep)	Radio Rép. Dém. du Congo	945				
Croatia	Glas Hrvatske	594 1134	Prisavlje 3, HR 10000, Zagreb	www.hrt.hr/index.php?id=radio	glas.hrvatske@hrt.hr	v/s: Zlatko Kuretic, Director (2008), Mladen Golubic, frequency manager (2009)
	Hrvatski Radio 1	594				
Cyprus	CBC 1	558 693 963	P.O. Box 4824, 1397 Nicosia	www.cybc.com.cy/index.php?option=com_content&view=section&layout=blog&id=32&Itemid=54		QSL reports are welcome but replies are slow and IRC's are important
	CBC 3	603 918 1044	P.O. Box 4824, 1397 Nicosia	www.cybc.com.cy/index.php?option=com_content&view=section&layout=blog&id=32&Itemid=54		QSL reports are welcome but replies are slow and IRC's are important
	Bayrak Radio 1	1098	Atatürk Square, Lefkosa via Mersin 10, Turkey	www.brtk.net		v/s Arben Fetoshi, Director of RTK (2010)
	BBC World Service	639 720 1323	P.O. Box 4912, Limassol v/s Steve Welch	www.bbc.co.uk/worldservice/		
	Trans World Radio	1233	TWR Europe Office, Postfach 141, A-1235 Wien, Austria	www.twr.org		
	Radio Monte Carlo Doualiya	1233	16 Blvd. Princesse Charlotte, MC-98080 Monaco Cédex	www.mc-doualiya.com		
	Radio Sawa	990		www.radiosawa.com/english.aspx	comments@radiosawa.com	
Czech Republic	Ceský rozhlas 1	270	Ceský rozhlas, 120 99 Praha 2, Vinohradská 12	http://radiozurnal.cro.cz		
	Ceský rozhlas 2	639 954 1332	Ceský rozhlas, 120 99 Praha 2, Vinohradská 12	http://praha.cro.cz		
	Ceský rozhlas 6	639 954 1332	Dykova 14, 100 00, Praha 10	www.rozhlas.cz/cro6		
	Country Radio Prague	1062	Ricanska 3, 101 00 Praha 10	http://www.countryradio.cz/		
Denmark	DR Kalundborg	243	BSD, Banestrøget 21, DK-2630 Høje Tåstrup	www.bsd.dk	info@bsd.dk	
	DR P5	1062	DR, Emil Holms Kanal 20, DK-0999 København K	www.dr.dk/p3/	teknikinfo@dr.dk	no QSL cards but QSL letters are issued , v/s: Thomas Weber (teknikinfo @ dr.dk)
Djibouti	Radiodiff. Vision Djibouti	1116 1170 1539				
	Radio Sawa	1431		www.radiosawa.com/english.aspx	comments@radiosawa.com	
	Voice of America	1431	Washington, DC 20237, USA	www.voa.gov		
Egypt	Egyptian Radio	603 882 918 936 981 1008 1080 1143 1179 1188 1278 1305 1314 1341 1350 1368 1386 1422 1476 1485 1575 1584 1602	P.O. Box 1+D1381511, 1186 Cairo	www.ertu.org	englishprog@ertu.org	
	Voice of the Arabs	621 1008 1107	P.O. Box 11511, 1186 Cairo			v/s Niveen Lawrence - niveenl@hotmail.com
	Cultural Programme	1359	P.O. Box 11511, 1186 Cairo			
	Educational Programme	558	P.O. Box 11511, 1186 Cairo			
	General Programme	819	P.O. Box 11511, 1186 Cairo	ertu@ertu.gov.eg		
	Youth & Sports Radio	702 711 918	P.O. Box 11511, 1186 Cairo			
	Middle East Radio	774 1071	P.O. Box 11511, 1186 Cairo			
	Radio Alexandria	1197				
	Matruh Radio	1593				
	Mid-Delta Radio	1161				v/s Saied Abd Elkareem, station manager (2002) - mdelta70@hotmail.com
	Holy Quran Programme	864 1476 1593	P.O. Box 11511, 1186 Cairo			
	North Sinai Radio	1503				
	South upper Egypt Radio	702 1584	Corniche Elneel Street, Asswan 81111			v/s M. Sharaf, Director General (2000)
	Wady El Nile Programme	1107	P.O. Box 11511, 1186 Cairo			
Voice of Palestine	1008 1107					
Radio Hala'ib	882					
?	756					
Eritrea	VO Broad Masses of Eritrea	837 945				
Ethiopia	Radio Ethiopia	594 684 828 855 873 891 972 1044 1485		www.ertagov.com		
	Radio Ethiopia External Svce	990	PO Box 654, Addis Ababa	www.angelfire.com/biz/radioethiopia/		
	Radio Fana	1080				
	Radio Oromia	1035				
	Radio Sidama	954	c/o Furra College, PO Box 69, Yirgalem - Sidama			
	Amhara Regional State Radio	801				
?	918					
Estonia	Radio Eli	1035	Annemoisa 8, 50708 Tartu	www.radioeli.eu	am1035@bk.ru	

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
Farøer Islands	Kringvarp Føroya	531	P.O. Box 328, FR-110 Tórshavn	www.uf.fo		
Finland	Scandinavian Weekend Radio	1602	PO Box 99, FI-34801 Virrat	www.swradio.net		
	Radio 86	963				
France	France Inter	162	116, Av. Du Président Kenedy, F-75786 Paris Cédex 16	http://sites.radiofrance.fr/franceinter/accueil/		
	France Bleu	864 1278 1404 1494	116, Av. Du Président Kenedy, F-75786 Paris Cédex 16	www.radiofrance.fr/liens-haut-de-page/radios/france-bleu/		
	France Info	603 711 792 837 945 1206 1242 1377 1404 1494 1557	Jean-Gerard Robichez, Directeur-adjoint de France Info, 116 Avenue du Président Kennedy, 92811 Puteaux Cedex 16	www.radiofrance.fr/liens-haut-de-page/radios/france-info/		
	France Bleu Elsass	1278	4 Rue Joseph Massol, F-67080 Strasbourg Cédex	http://sites.radiofrance.fr/chaines/france-bleu/?tag=alsace	bleualsace@radiofrance.com	
	Radio Corsa Frequenza Mora	1404 1494	4 Rue Favalelli, F-20200 Bastia			v/s Alain Durniak, Responsable Technique (1998)
	Radio France Lyon	603	15 rue des Archers, F-69002 Lyon			v/s Mme Claire Vuillot-Morel
	Viure al Pais	945	24 Chemin de la cépière, F-31081 Toulouse cedex 1	www.sud.france3.fr		
	Radio Nouveaux Talents	1575	31-32 quai de Dion Bouton, 92811 Puteaux Cedex			
	Radio Orient	1350 1602	98 bd Victor Hugo, 92210 Clichy	www.radioorient.com		
	Sud Radio	819	Immeuble les Allées du Lac - Bât B, Rue du Lac, BP 48148, 31681 Labège Cedex	www.sudradio.fr		v/s Eric Enjalbert, Responsable Technique de Sud Radio (2011)
	Beur FM	1584	BP 249, F-75 524 Paris Cedex 11	www.beurfm.net		
	Radio Monte Carlo	216	12 Rue Magellan, F-75008 Paris	www.radiomontecarlo.net/home		
	Trans World Radio	1467	TWR Europe Office, Postfach 141, A-1235 Wien, Austria	www.twr.org		
Gabon	Radiodiff. Vision Gabonaise 2	549				
Gambia	Gambia Radio Television	648 747	Serrekunda Exchange Complex, Kairaba Avenue, Serrekunda, The Gambia, West Africa	www.grts.gm		
Georgia	Gruzinskoye Radio (1st px)	189 810 909 1215	68 M. Kostava Street, 380071 Tbilisi			v/s Helena Apkhadze, Editor (1999)
	Radio Iveria	1044	King Erekle Str 1, 380005 Tbilisi			
	Radio Republiki Abkhazii	1350				
	Radio Rossii	1350				
Germany	Bayern Plus	729 801	Rundfunkplatz 1, D-80300 München	www.br-online.de/bayern-plus		reports can also be sent to schreibt@on3radio.de
	Deutschlandfunk	153 207 549 756 1269 1422	Raderberggürtel 50, D-28195 Bremen	www.dradio.de/dlf/themen/		
	Deutschlandradio Kultur	177 855 990	Hans Rosenthal Platz, D-10825 Berlin Schöneberg	www.dradio.de/dlr/themen/		
	DRadio Wissen	855	Raderberggürtel 50, D-28195 Bremen	http://wissen.dradio.de		
	MDR-Info	783 882 1044 1188	Gerberstraße 2, D-06108 Halle/Saale	www.mdr.de/mdr-info		can also be reached via: Technische Hotline, Box 67, D-04251 Leipzig, technik@mdr.de
	NDR Info	702 792 828 972	Rothenbaumchaussee 132-134, D-20149 Hamburg	www.ndr.de		
	Antenne Saar	1179		www.sronline.de/statisch/antennesaar/		v/s Mr. Guenter Gehring (2006)
	bit eXpress	909	Digitales Campus Radio bit eXpress, Am Wolfsmantel 33, 91058 Erlangen	www.bitexpress.de	info@bitexpress.de	
	SWR Cont.Ra	576 666 711 828 1017 1413	Hans-Bredowstraße, D-76530 Baden-Baden	www.swr.de/contra/		v/s Udo Merzig (2010)
	TruckRadio	702 738 855	Starlet Media AG, Karolinenstraße 32, D-90763 Fürth			
	Westdeutscher Rundfunk 2	720 774 1593	Appelhofplatz 1, D-50667 Köln	www.wdr.de		
	ARD International	576 594 711 729 792 801 828 936 972	Bertramstraße 8, D-60320 Frankfurt			
	Europe 1	183	D-66713 Saarlouis	www.europe1.fr		
	Voice of Russia	630 1323 1431	ul. Pyatnitskaya 25, 115326 Moskva, Russia	www.vor.ru		
	Russian International Radio	603 1323		www.rir-vor.ru		
	AFN Power Network	873 1107 1143	Unit 29405, APO AE 09058 - separate address for AFN Würzburg: Leighton BKS, Building 45, D-97074 Würzburg			v/s Peter Brodbeck (2001)
	AFN Bavaria	1107 1485	Rose Barracks, D-92249 Vilseck, Germany	http://bavaria.afneurope.net/		v/s Lon Blair, Detachment Commander blair@afn.frankfurt.army.mil (2001)
	AFN Würzburg Primary	1143 1485				
	Evangeliums Rundfunk	1539	P.O. Box 14 44, D-35573 Wetzlar	www.erf.de		v/s Jurgen Werth & Lothar Rühl, Postfach 150, A-1235 Wien, Austria (2010)
	Universelles Leben	1323	Marienstrasse 1, 97006 Würzburg	www.universelles-leben.org		
Gibraltar	Gibraltar Broadcasting Corp.	1458	Broadcasting House, 18 So. Barrack Rd, Gibraltar	www.gbc.gi		
	Adventist World Radio	1458	39 Brendon St, London W1H 5HD, England	www.awr.org		
Greece	NET (1st px)	729 765 927 945 954 1008 1080 1278 1314 1350 1404 1485 1494 1512 1584 1602	P.O. Box 60019, GR-153 42 Aghia Paraskevi, Athinaí	http://tvradio.ert.gr/radioen/radioprofil.asp?id=6		

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	ERA 2	765 927 945 954 1008 1080 1179 1278 1314 1350 1377 1404 1485 1494 1512 1584 1602	P.O. Box 60019, GR-153 42 Aghia Paraskevi, Athinaí	http://tvradio.ert.gr/radioen/radioprofil.asp?id=5		
	ERA SPORT	765 792 927 945 954 981 1008 1080 1179 1278 1314 1350 1404 1485 1494 1512 1584 1602	P.O. Box 60019, GR-153 42 Aghia Paraskevi, Athinaí	http://tvradio.ert.gr/radioen/radioprofil.asp?id=3		
	ERA 5 Filia	665	432 Mesogeion Avenue, Aghia Paraskevi, Athens 15342	www.ert.gr/filia/		
	Voice of Greece	1386	P.O. Box 60019, GR-153 10 Aghia Paraskevi, Athinaí	www.voiceofgreece.gr		
	ERA Chania	1512	Elles 40, 73200 Chania		era-kania@otenet.gr	v/s Katarina Haralambaki (2001)
	ERA Flórina	1278	Megarobou 18, 53100 Florina		era-flor@otenet.gr	
	ERA Heraklion	954	Plateia Daskalogiannis, 71201 Heraklion		era-her@otenet.gr	
	ERA Ioannina	765	N. Papadopoulou 2, 45444 Ioannina		era-giann@otenet.gr	
	ERA Kavala	1602	Stratopedo Karakosta Ag. Paraskeuis, 65000 Kavala		era-kava@otenet.gr	
	ERA Kerkyra	1008	Ethnikis Leukimis, 49100 Kerkyra		era-kerky@otenet.gr	
	ERA Komotini	1404	Kosmiou Terma, T.Th. 5, 69100 Komotini		era-komo@otenet.gr	v/s Theodoros Skoulis (2003)
	ERA Kozani	1602	I. Tranta 19, 50100 Kozani		era-koza@otenet.gr	
	ERA Larissa	945	Eroon Polytekhneiou 1, 1e Stratia, 41222 Larissa		era-laris@otenet.gr	
	ERA Orestiada	1080	Euripidou 35, 68200 Orestiada		era-ores@otenet.gr	
	ERA Patra	1485	Rega Ferraïou 104, 26001 Patra		era-patra@otenet.gr	
	ERA Pyrgos	1350	Diakou 16, 27100 Pyrgos		era-pirgos@otenet.gr	
	ERA Rhodos	1494	50 km Leof. Kallitheas, Rhodos 85100		era-rodos@otenet.gr	v/s Manolis Christofakis, technical supervisor
	ERA Serres	1584	Stratopedo Kolokotroni, T.Th. 91, 62100 Serres		era-serres@otenet.gr	
	ERA Tripolis	1314	Erythrou Staurou 1, 22100 Tripolis		era-tripo@otenet.gr	
	ERA Volos	1485	Plateia Ag. Konstantinou, 32222 Volos		era-volos@otenet.gr	
	ERA Zákynthos	927	Ampelokipoi, 20100 Zakynthos		era-zak@otenet.gr	
	Macedonia 1	1044	Angelaki 2-6, GR-54621 Thessaloniki			
	Macedonia 2	1179	Angelaki 2-6, GR-54621 Thessaloniki			
	RS Amaliadas	1584	Agios Trifonos 5, GR-27200 Amaliada			
	Foïtítiko Radiofono Thessalonikis	1431	Politehnikí Sxoli APTh, 540 06 Thessaloniki	http://radiofono.eng.auth.gr	radiofono@hotmail.com	
	Radio Sawa	1548		www.radiosawa.com/english.aspx	comments@radiosawa.com	
Guinea, Rep. of	Radiodiff. Vision Guienne	603 1295				
	Radio Rural	1385.92				
Hungary	MR1-Kossuth Rádió	540 1116 1251	Bródy Sándor u. 5-7, H-1800 Budapest	www.mr1-kossuth.hu		
	MR 4	873 1188		http://mr4.radio.hu/		
	Radio Győr	1116 1251 1350	9017 Győr, nagy Imre útca 28		mrgyor@axelero.hu	v/s Szaboks Németh (2000)
	Radio Miskolc	1116	Miskolci Körzeti Szerkesztőség, Miskolc I, Bajcsy-Zsilinszky, Endre út 15			v/s G. Toth Ferenc
	Radio Debrecen	1251	Piac u. 28./c., 4024 Debrecen		debrecen@radio.hu	
	Regio Rádió	1485	7700 Mohács, Bacács u. 5		regioradio@dravanet.hu	
Iceland	Ríkisútvarpid	189 207	Efstaleiti 1, 150 Reykjavík	www.ruv.is		
Iran	IRIB 1	531 540 549 576 582 594 603 612 621 648 657 666 684 720 738 747 765 774 828 846 891 900 918 927 936 945 963 972 981 990 1008 1017 1026 1071 1080 1098 1134 1170 1179 1197 1215 1242 1251 1260 1269 1296 1305 1323 1359 1368 1377 1386 1395 1404 1431 1449 1467 1476 1485 1494 1503 1512 1521 1539 1548 1566 1584	P.O. Box 15875-4344, Tehran		radio1@irib.com	
	Ahwaz Radio	711				
	Radio Farhang	558 1152				
	Radio Payam	1035 1188 1206	P.O. Box 15875-4344, Tehran		radiopayam@irib.com	
	Radio Tehran	1332				
	Radio Quran	585 603	P.O. Box 15875-4344, Tehran			
	Radio Golestan	1368				
	IRIB Khorassan	720 801 1107 1125 1548 1575	Khorassan Centre, PO Box 555, 913775 Mashad			
	IRIB Sari	1215	IRIB Sari Center (Radio & Television), Jaam e Jam Ave., Sari, 48149-8568 Mazandaran			v/s Mohammad Alipour, technical manager (2001) - alipour@irib.com
	VOIRI (External Service)	612 639 684 702 720 765 936 990 1026 1080 1098 1161 1188 1224 1323 1404 1449 1467	P.O. Box 3333, Tehran			
	Radio Maaref	1071	Qom 37185-444		radiomaaref@irib.ir	

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	Radio Nejat	675				
	Voice of Rebellious Iraq	576 675 1116 1386				
Iraq	Republic of Iraq Radio	603 675 864				
	Radio Al-Nas	594				
	Radio Kull al-Iraq	612				
	Information Radio	756				
	Radio Om-al-Qura	810				
	Radio Bilad	999	Quarter 817, Street 21 House 75, Baghdad Bayaa			
	Voice of Fadhila	1008				
	Radio As-Salam	1053	Al-Kazimiya, Baghdad		safa565@hotmail.com	
	Radio Babil	1071				
	Voice of Iraqi Kurdistan	1116	KDP Press Office, PO Box 4912, London SW15 4EW, UK	www.kdp.nu	party@kdp.se	
	Radio Daru-Salam	1116 1152	Khadraa Quarter 633, Line 21, Building 1			
	Radio Voice of Iraq	1179	PO Box 74143, Al-Autafiyh, Sector 409, Street 13, House 35/1, Baghdad	www.voiraq.com	admin@voiraq.com	
	Voice of People of Kurdistan	1206	Office of the Central Media Office, Ararat St, Sulaimaniya	www.puk.org	puk@puk.org	
	Voice of Komal	1341	Tooi Malik St, Sulaimaniya		islamicjamaa@maktoob.com	
	Radio Al-Mustaqbal	1395			baghdadwifaq@hotmail.com	
	Voice of the Worker Communist Party of Iraq	1413		www.wpiraq.net	forward_wcpi@yahoo.com	
	Radio Shansheel	1395			Waad_sibahi@yahoo.com	
	Radio Shrra	1588	Qqba bin Nafiee Square, District 931, Street 7, House 7			
Ireland	RTE Radio 1	252	Reception Investigation Dept., Donnybrook, Dublin 4	www.radio1.ie		
	Star Country Radio	981	P.O.Box 981, Portadown, Co. Armagh	star-981mw.fsnet.co.uk		
	Radio North	846	Redcastle, Co. Donegal	www.radionorth.net	radionorth@eircom.net	
	Choice FM	1278		www.choicefm.ie		
	Gospel 846	846				
	Zenith Classic Rock	1584				
	Hot Country-CIMR	549		www.hotcountry.ie	info@hotcountry.ie	
	Adventist World Radio	846	39 Brendon St, London W1H 5HD, England	www.awr.org		
	Atlantic Radio International	1251	Ballyvary, Castlebar, Co. Mayo, Ireland	www.atlanticradio.ie		
	Energy Power AM	1395				
	Tyrone Community Radio (TCR)	1530				
Israel	Reshet Aleph (Programme A)	531 1458	Heleni Hamalka 21, POBox 1082, Jerusalem 91010	http://aleph.iba.org.il		
	Reshet Bet (Programme B)	657 882 1080 1206	Heleni Hamalka 21, POBox 1082, Jerusalem 91010	http://bet.iba.org.il		
	Reshet Dalet (Programme D)	1026	Heleni Hamalka 21, POBox 1082, Jerusalem 91010			
	Galei Zahal	945 1224 1305 1368 1404	Army Post Office 162, Israel	www.glz.co.il		
	Arabic programme	738				
	Reshet Qlita v'Aliya	927			Eng. Dept: raphaelk@iba.org.il	
	Eastern Radio	756	P.O. Box 52341, Limassol 4062, Cyprus			
	Rokn Alsout Alfalasteny	756		www.pal-voice.org		
Italy	Rai Radio 1	567 657 693 819 846 873 900 936 999 1035 1062 1107 1116 1143 1314 1431 1449 1485 1575 1584	Viale Mazzini 14, I-00195 Roma	www.radio.rai.it/radio1/		Reports can also be sent to Rai Technical Center, Via del Parco Mirabellino 9, I-20052 Monza
	Rai Radio 3	873	Viale Mazzini 14, I-00195 Roma	www.radio.rai.it/radio3/		
	Rai Notturno Italiano	657 900	Viale Mazzini 14, I-00195 Roma	www.international.rai.it/radio/ondemedie/index.shtml		
	Rai "Trst A"	981	Via Fabio Severo 7, 34133 Trieste			
	Rai Abruzzo	1035 1575	Via Conte di Ruvo 74, 65124 Pescara			
	Rai Alto Adige	657 1449	Piazza Mazzini 23, 39100 Bolzano			
	Rai Basilicata	693 1314	Viale del Basento 11, 85100 Potenza			
	Rai Calabria	999 1314	Via Montesanto 25, 87100 Cosenza			
	Rai Campania	657 1035	Via Marconi 9, 80125 Napoli			
	Rai Emilia-Romagna	567 999 1116	Viale della Fiera 13, 40127 Bologna			
	Rai Friuli Venezia Giulia	819 936 981 1035 1449 1575	Via Fabio Severo 7, 34133 Trieste			
	Rai Lazio	1107	Centro Rai Saxa Rubra, 00100 Roma			
	Rai Liguria	936 1449 1575	Corso Europa 125, 16132 Genova			
	Rai Lombardia	900 1449	Corso Sempione 27, 20145 Milano			v/s Renato Pelizzoni - qsc2@rai.it (2001)
	Rai Marche	1062 1314 1431	Piazze della Repubblica 1, 60121 Ancona			
	Rai Molise	1314 1575	V. le Principe de Piemonte 59, 86100 Campobasso			
	Rai Piemonte	657 999 1116 1368 1449	Via Verdi 16, 10124 Torino			
	Rai Puglia	873 1035 1062 1116 1431 1449	Via Dalmazia 104, 70121 Bari			

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	Rai Sardegna	1035 1062 1143 1575	Viale Bonaria 124, 09100 Cagliari			
	Rai Sicilia	567 936 1062 1116 1143 1368	Viale Strasburgo 19, 90146 Palermo			
	Rai Toscana	1035 1062 1116	Largo De Gasperi 1, 50136 Firenze			
	Rai Trentino	1062	Via Fratelli Perini 141, 38100 Trento			
	Rai Umbria	999 1584	Via L. Masi 2, 06100 Perugia			
	Rai Valle d'Aosta	1116	Località Grande Charrière 70, 11020 Saint-Christophe (AO) <i>(can also be addressed in French)</i>			v/s Renzo Canciani (2006)
	Rai Veneto	657 936 1062 1449 1485	Palazzo Labia, Campo S. Geremia 275, 30121 Venezia			
	Radio Broadcast Italia	1485		http://www.broadcastitalia.it	radio@broadcastitalia.it	v/s Stefano Ricciardetto & Maurizio Amici (2009)
	Challenger Radio	1368 1566	Via Legnaro 6, IT-35040 Villa Estense (PD)	www.challenger.it	challenger@challenger.it	v/s Dr. Maurizio Anselmo
	Radio 106	1404v				
	Ondamedia Broadcast	1503 1512	Via A. Valerio 51, Piove Di Sacco - PD		ondamediabroadcast@gmail.com	station will only answer to listening reports via SMS
	Radio Verona	1584	Via della Scienza 25, IT-37139 Verona (VR)	www.radioverona.it	radioverona@radioverona.it	v/s M. Puliero (Direttore) (2006)
Jordan	Radio Jordan	612 801 855 1494	P.O. Box 909, Amman	www.jrtv.gov.jo		v/s Jawad Zada, Director (1999)
	Amman FM	1035				
Kaliningrad	Radio Mayak	1143	ul. Akademika Koroleva 12, 127000 Moskva, Russia	www.radiomayak.ru		
	Radio Slavjanka	1143	K-160, ul. Marshala Shaposhnikova 14, 103168 Moskva, Russia			
	Voice of Russia	1215	ul. Pyatnitskaya 25, 115326 Moskva, Russia	www.vor.ru		
	Radio Rossii	171 873 1116	Yamskogo polya 5-ya ul. 19/12, 125124 Moskva		www.radiorus.ru	
	Russian International Radio	1143 1215			rir@vor.ru	
	GTRK Jantar	1116	State TV & Radio Company "Jantar", ul. Klinicheskaya 19, 236016 Kaliningrad		tv-rv@baltnet.ru	v/s Tatyana Yermakova, Vice Chairman (2001)
Kenya	Kenya Broadcasting Corporation	540 558 567 612 639 675 702 728 747 846 882 900 927 954 981 1017 1044 1107 1134 1152 1233 1305 1368 1386		www.kbc.co.ke		
Kosovo	Radio Kosova	549	Sheshi "Nëna Terezë", 38000 Prishtinë	www.radiokosova.net		
	Radio Priština local programmes	936 954 1179 1584				
Kuwait	Main Arabic Programme	540 963 1134	Ministry of Information, Engineering Affairs, Dept. of Frequencies, PO Box 967, Safat 130010			
	2nd Arabic Programme	1341	Ministry of Information, Engineering Affairs, Dept. of Frequencies, PO Box 967, Safat 130010			
	Arabic Music Programme	1269	Ministry of Information, Engineering Affairs, Dept. of Frequencies, PO Box 967, Safat 130010			
	Holy Quran Programme	630 1341	Ministry of Information, Engineering Affairs, Dept. of Frequencies, PO Box 967, Safat 130010			
	Voice of America	1593				
	Radio Free Iraq	1593				
	Radio Sawa	1548	www.radiosawa.com/english.aspx		comments@radiosawa.com	
	Test (fomer Radio Sumer)	1584				
Latvia	Radio Merkurs	1485		www.radiord.lv		
Lebanon	Radio Lebanon 1	837	Radio Liban Building, Rue Lyon, Sanayeh, Beirut - alternatively one can use PO Box 4848			
Lesotho	Lesotho National Broadcasting Service	639 891	P.O.Box 552, Maseru 100, Lesotho			
	Family Radio	1197		www.familyradio.com/international/		
	SW Radio Africa	1197				
Libya	Voice of Africa (Ext. Svce)	648 711 1251 1485	P.O. Box 9333, Soug al Jama, Tripoli		africavoic@hotmail.com	
	Voice of Free Libya	675 1125 1449		http://voicefreelibya.blogspot.com		
	Radio Jamahiriyah	690 828 909 972 1053	P.O. Box 9333, Soug al Jama, Tripoli			
	VO the Great Homeland	792	P.O. Box 9333, Soug al Jama, Tripoli			
	Quran Programme	1404 1485	P.O. Box 9333, Soug al Jama, Tripoli			
Lithuania	Lietuvos Radijas 1	666	Konarskio 49 LT-03123, Vilnius MTP	www.lrt.lt/radio/		
	Radio Baltic Waves	612 666	PO Box 3245, LT-2013 Vilnius	www.is.lt/ratekona/rbw	radio@balticwaves.cjb.net	station's Project coordinator is Rimantas Pleikys (riplei@takas.lt)
	Radio Baltic Waves International	1386 1557	PO Box 3245, LT-2013 Vilnius	www.is.lt/ratekona/rbw	radio@balticwaves.cjb.net	station's Project coordinator is Rimantas Pleikys (riplei@takas.lt)

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
Luxembourg	RTL (French)	234	45 blvd. Pierre Frieden, L-2850 Luxembourg	www.rtl.fr		
	RTL Radio - Die Grössten Oldies	1440	45 blvd. Pierre Frieden, L-2850 Luxembourg	www.rtlradio.de		
	China Radio International	1440	PO Box 4216, Beijing 100040, China	www.cri.cn		
	KBS	1440		http://world.kbs.co.kr/english/		
Macedonia	Radio Skopje 1	810 936 1197 1242	Goce Delcev bb, 91000 Skopje	www.mr.com.mk		
	Radio Skopje 2	1314 1602	Goce Delcev bb, 91000 Skopje	www.mr.com.mk		
	Radio Skopje 3	1314 1602	Goce Delcev bb, 91000 Skopje	www.mr.com.mk		
	Radio Bitola	1323	Tomaki Dimitrovski 7, 97000 Bitola			
	Radio Ohrid	1242	Sv. Kliment Ohridski 2, 96000 Ohrid	www.soros.org.mk/radioohrid/	radiooh@soros.org.mk	
	Radio Štip	639	Josif Kovachev B.B., P.F. 136, Štip	www.radiostip.com.mk		
	Radio Skopje – 1026					
Radio Veles	1341					
Madagascar	Radio Television Malagasy	630 1232 1260 1278 1394 1502 1554 1602				
Madeira	RDP Madeira	1125 1332	Centro de Produção do Funchal, R. Tenente Coronel Sarmento 15, 9004-556 Funchal	http://tv.rtp.pt/EPG/radio/epg-dia.php?canal=8&ac=d&sem=e		
	PEF-Posto Emissor do Funchal	1530	Rua Ponte de São Lázaro 3, 9000 Funchal	www.pef.pt		v/s António Manuel Correia Ramos
Malawi	Malawi Broadcasting Corporation	540 558 594 675 810 1107 1404 1422	Private Bag 30133, Chichiri, Blantyre 3, Malawi	www.mbcradios.com		
	Radio 1	756				
Maldives	Voice of Maldives	1449 1458		www.vom.gov.mv/dra/dhivehi/		
Mali	Radiodiffusion Vision Mali	540		www.rtm.net		
Malta	Radio Malta 1	999	Box 82, Valletta	www.pbs.com.mt		v/s Charles Flores, executive corporate affairs (1999)
Mauretania	Radio Mauretanie	783				
Mauritius	Mauritius Broadc. Corp. 1		1, Louis Pasteur Street, Forest Side	http://mbc.intnet.mu/		
	Mauritius Broadc. Corp. 2	819	1, Louis Pasteur Street, Forest Side	http://mbc.intnet.mu/		
	Radio Maurice	684				v/s Cyril Nankoo, Ag Chief Engineer (2010)
	Radio Rodrigues	1206				
BBC World Service	1575					
Mayotte	Radio Vision Mayotte	1458				
Melilla (Spain)	Radio Nacional 1	972	Apartado de Correos 222, E-29801 Melilla			
	SER Radio Melilla	1485	Muelle Rivera, Edificio B-18, E-29801 Melilla			
Moldova	Radio Moldova 1	873 1494	str. Miorita 1, Chişinău 277028			
	Radio Moldova 2	1449	str. Miorita 1, Chişinău 277028			
	Radio Pridnestrovye	1413				v/s A.D.Shablienکو, director of Radio DMR (2003)
	Radio Mayak	999	ul. Akademika Koroleva 12, 127000 Moskva, Russia			
	Voice of Russia	621 999 1413 1548	ul. Pyatnitskaya 25, 115326 Moskva, Russia	www.vor.ru		
	Russian International Radio	1548			rir@vor.ru	
	Trans World Radio	999 1548	TWR European Office, A-1235 Wien, Austria	www.twr.org		
China Radio International	1548	PO Box 4216, Beijing 100040, China	www.cri.cn			
Monaco	RMC Info	702				
	Radio Maria	1467	B.P. 42, F-06341 La Trinite Cedex, France	www.radiomaria.fr	info@radiomaria.fr	you can send reports to: qsl@radiomaria.org or Giampiero Bernardini - via Tertulliano 35 - 20137 Milano - Italy. Please add stamps, IRC, 1 dollar, etc. Audio clips also appreciated.
Montenegro	Radio Podgorica 1	594 1161	Cetinsski put bb, 81000 Podgorica			
	Radio Crne Gore 1	882 1485 1584 1602	Bulevar revolucije 19, Podgorica 80998	www.rtcg.me	miodragv@t-com.me	
	Radio Crne Gore 2	1503	Bulevar revolucije 19, Podgorica 80999	www.rtcg.me	miodragv@t-com.me	
	Radio Crne Gore	594 1161	Bulevar revolucije 19, Podgorica 81000	www.rtcg.me	miodragv@t-com.me	
	Radio Niksic	594	Novice Cerovica 30, 81400 Niksic			
	Radio Plav	1242				
Radio Ulcinj	1161					
Morocco	RTM A	207 540 594 612 711 819 828 864 936 999	B.P. 1042, Rabat			
		1044 1053 1116 1233 1494				
	RTM B	774 828 909 1026 1197 1485 1593	B.P. 1042, Rabat			
RTM C	702 1044 1188 1494 1593	B.P. 1042, Rabat				

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	RTM Q	1080	B.P. 1042, Rabat			
	RTM El Aaioun	711	B.P. 459, Laayoune			v/s Miharka Zarouali IRC not required
	RTM Chaîne Internationale	1323				
	Radio Méditerranée Int'l	171	B.P. 2055, Tanger	www.medi1.ma	medi1@medi1.ma	
Mozambique	Rádio Moçambique	738 1008 1206		www.teledata.mz/radiomocambique/		
	Emissora Provincial de Gaza	810				
	Em. Prov. de Cabo Delgado	1224				
	Em. Provincial de Nampula	765				
	Em. Provincial de Zambézia	1179				
	Emissor Prov. do Niassa	1260				
	Emissor Prov. de Manica	1026				
	Emissor Provincial de Tete	963				
	Delegacao de Beira	873				
Netherlands	Radio 5	747 1251	Postbus 26444, 1202 JJ Hilversum	www.radio5.nl		v/s Carol Van Zanten, Management Assistant
	Radio Maria	675	Postbus 5048, 5201 GA Hertogenbosch	www.radiomaria.nl	info@radiomaria.nl	v/s Jeroen Manten, Technical operator (j.manten @
	Radio 10 Gold	828				
	Radio Bloemendaal	1116	Vijverweg 14, Postbus 26, 2060 AA Bloemendaal	www.radiobloemendaal.nl		v/s Wim Groot - PA0WDG@amsat.org
	Dream Radio	1080		www.dreamradio.nl	info@dreamradio.nl	
	GrootNieuwsradio	1008	Einsteinstraat 41, 3902 HN Veenendaal	www.grootnieuwsradio.nl	studio@grootnieuwsradio.nl	
	Radio 538	891	Postbus 2538, 1200 CM Hilversum	www.radio538.nl		v/s Rene van de Kolk, Technical Coordinator (2010)
	Magic Jazz	1557		www.magicfm.nl/home/6		
	Quality Radio	1224 1584			radiocaroline@wxs.nl	
	Radio Waddenzee	1602	Postbus 24, 8860 Harlingen	www.radiowaddenzee.nl	info@radiowaddenzee.nl	
	Radio Seagull	1602	Postbus 24, 8860 AA Harlingen	www.radioseagull.nl		
	HotRadio Plus	1332	Postbus 1112, 3505 BC Utrecht			v/s Ruud Poeze (2008)
	Big L Radio London	1395	Radio London International Limited, P.O.Box 7336, Frinton-on-Sea, Essex CO13 0WZ, United Kingdom	www.bigl.co.uk	dutch@bigl.co.uk	v/s (e-mail): Eric van Willegen (2009)
	Radio 199	1503				
Niger	La Voix du Sahel	1125 1215 1331 1484 1575	BP 361, Niamey			
Nigeria	Fed. Radio Corp. of Nigeria	558 567 576 657	Radio House, P.M.B. 452, Garki, Abuja			
	FRCN Abija National Station	909				
	FRCN Enugu National Station	585 828	Broadcasting House, Onitsha Road, P.M.B. 1051, Enugu			
	FRCN Kaduna National Station	594 1107	Broadcasting House, Independence Way, P.O. Box 250, Kaduna			
	Adamawa Broadc. Corp.	1017 1089 1404	Broadcasting House Complex, Hore Ladde Layout, Mbamba, P.M.B. 2123, Yola			
	Akwa Ibom Broadc. Corp.	1395	No. 2, Udo Udoma Avenue Road, P.M.B. 1122, Uyo			
	Anambra Broadcasting Services	621	Enugu/Onitsha Express Road, P.M.B. 5070, Awka, Uguwawovu			
	Bauchi Radio Corporation	846	Enugu, Ukwu, Njikoko LGA, Anambra			
	Borno Radio Corporation	603 756	Ahmadu Bello Way, Bauchi			
	Broadc. Corp. of Niger State	756 1143	Broadcasting House, Shehu Laminu Way, P.M.B. 1020, Maiduguri			
	Broadc. Corp. of Oyo State	675 756 792				
	Cross River State Broadc. Corp.	1134	P.M.B. 1, Agodi Post Office, Ile Akede Orita Bashorun, Ibadan			
	Edo Broadcasting Services	666 1125	Broadcasting House, Opposite Metro Hotel, Ikom, Cross River, Calabar			
	Enugu State Broadc. Svces	585 621 1062	Benin Auchu Road, Aduwawa, P.M.B. 1012, Benin City			
	Gombe State Broadc. Corp.	1440	Broadcasting House, P.M.B. 01600, Enugu			
	Radio Gotel	917				
	Imo Broadc. Corp.	720	Egbu Road, P.M.B. 1129, Owerri, Imo State			
	Jigawa Broadc. Corp.	1026	Broadcasting House, Sani Abacha Way, Dutse			
	Kaduna State Media Corporation	638 882 1359	Broadcasting House, Wurmo-Rabah Road, P.M.B. 2013, Kaduna			
	Kano Broadc. Corp.	549 729	Broadcasting House, Maiduguri Road, P.O. Box 1009, Kano			
	Katsina State Broadc. Corp.	972	Radio House, Sabon Layi, Katsina			
	Kebbi Broadc. Corp.	801 945	KM 8, Kalgo Road, P.M.B. 1059, B/Kebbi			
	Kogi Broadc. Corp.	693 783 972 1395	1, Danladi Zakari Road, P.M.B. 1095-GRA Lokoja			
	Kwara State Broadc. Corp.	612	Akpata Yakubu, P.M.B. 1520 - Ilorin			
	Lagos State Broadc. Corp.	918 990	1 SDPC House, Lateef Jakande Road, Agidingbi, Ikeja, Lagos			
	Ogun State Broadc. Corp.	900 1170	Ibara Housing Estate, Abeokuta			
	Ondo State Radio Corp.	531	Broadcasting House, Oba Ile, P.M.B. 739, Akure			

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	Osun State Broadc. Corp.	891 1008 1359	Ile Awiye, Oke Baale, P.M.B. 4425, Osogbo, Osun State			
	Plateau Radio Tel. Corp. Radio Benuue	1224 846 918	No. 5, Joseph Gomwalk Road, P.M.B. 2042, Jos P.M.B. 102202, Makurdi			v/s Espie Adzape (Director Administration / Finance): espieadzape @ yahoo.com (2009)
	Rivers State Broadc. Corp.	630	4, Degema Street, P.M.B. 5170, Port Harcourt			
	Sokoto State Broadc. Corp.	540	Radio & Television, P.M.B. 2156, Sokoto			
	Taraba State Broadcasting Services	702 774 1269	Broadcasting House, 39, Barde Way, P.M.B. 1078, Jalingo			
	Yobe Broadc. Corp.	684 801	Km 6 Gujba Road, P.M.B. 1044, Damaturu, Yobe State			
Norway	NRK 1	153 630 675 1485	N-0340 Oslo	www.nrk.no/p1/		
	NRK 2	153 630 675 1485	N-0340 Oslo	www.nrk.no/p2/		
	NRK Troms	1485	Krognessvn. 29, 9291 Tromsø	www.nrk.no/troms/		v/s Jan Ditlev Hansen, editor (2003)
	NRK Møre og Romsdal	630	N-6025 Ålesund	www.nrk.no/mr		v/s Odd Tarberg, technical director (2003)
	NRK Nordland	675	N-8038 Bodø	www.nrk.no/nordland/		
	NRK Finnmark	153	Grensens 5, 9811 Vadsø	www.nrk.no/finnmark/		
	NRK Ingøy	153	Postboks 613, N-9801 Vadsø			
	Radio Norway Int'l	153 630 675 1485	N-0340 Oslo			does not verify reception reports
	Ukesenderen	1485	Akademisk radioklubb Studentersamfundet, N-7030 Trondheim	www.stud.ntnu.no/studorg/ark/us	ork-ukesender@stud.ntnu.no	v/s Helge Lund Kolstad (2000)
Oman	Radio Sultanate of Oman	576 738 1242	Ministry Of Information, P.O. Box 600, 113 Muscat	www.oman-tv.gov.om/rdeng/default.asp		v/s Salim Al-Nomani, Director of frequencies (2000)
	BBC World Service	702 1413	Resident Engineer, VT Merlin Communications & Partners LLC, BBC Relay Station, P.O.Box 40, Al Ashkarah PC 422, Oman		rebers@omantel.net.om	
Poland	Polskie Radio 1	225	Al. Niepodlegosci 77/85, 00-977 Warszawa	www.polskieradio.pl/7_Jedynka		
	Polskie Radio dla Zagranicy	225	Al. Niepodlegosci 77/85, 00-977 Warszawa	www.polskieradio.pl/zagranica		English Section: english.section@polskieradio.pl
	Twoje Radio AM	1602		www.radioam.pl		radio@radioam.pl
	Twoje Radio Andrychów	1584	ul. Krakowska 74, 34-120 Andrychów	www.nowiny.um.andrychow.pl		radio@um.andrychow.pl
	Twoje Radio Bielsko-Biała	1584				
	Twoje Radio Biłgoraj	1485				
	Twoje Radio Busko	1584				
	Twoje Radio Brzesko	963				
	Twoje Radio Chełm	1584				
	Twoje Radio Chojnice	1404	ul. Huberta Wagnera 1, 89- 606 Chojnice	www.radio.chojnice.pl		radio@chojnice24.pl
	Twoje Radio Cmolas	1062	36-105 Cmolas 269a			owpamol@ptc.pl
	Twoje Radio Cieszyn	1602				
	Twoje Radio Gorlice	1485				
	Twoje Radio Iłża	1602				
	Twoje Radio Jarosław	1062				
	Twoje Radio Kielce	1485				
	Twoje Radio Krosno	1584				
	Twoje Radio Lipsko	963	Ul. Ilzecka 6a, PL-27-300 Lipsko			
	Twoje Radio Lubaczów	963	ul. M. Konopnickiej 9, 37-600 Lubaczów	www.radio.lubaczow.pl		radio@lubaczow.pl
	Twoje Radio Lubliniec	963				
	Twoje Radio Nowy Sącz	1584				
	Twoje Radio Ozorkow	1584				
	Twoje Radio Pińczów	1332				
	Twoje Radio Przemysł	1485		www.radioklodzko.pl		studio@radioklodzko.pl
	Twoje Radio Puławy	1062	ul. Mickiewicza 2a, Puławy	www.radio.pulawy.biz		silver7@neostrada.pl
	Twoje Radio Radomsko	963				
	Twoje Radio Sanok	1602				
	Twoje Radio Skarżysko	1062				
	Twoje Radio Słupsk	1584				
	Twoje Radio Tarnobrzeg	1584				
	Twoje Radio Wałcz	1485				
	Twoje Radio Włodawa	531	Al. Piłsudskiego 10 22-200 Włodawa	www.trw.prv.pl		tr_wlodawa@wp.pl
	Twoje Radio Żywiec	531				
Portugal	Antena 1	630 666 720 756 1287	Av. Marechal Gomes da Costa, nº37, 1849-030 Lisboa	http://antena1.rtp.pt/		
	Rádio Sim (R. Renascença group)	576 594 891 927 963 981 1251	Rua Ivens 14, 1249-108 Lisboa Codex	www.radiosim.pt	mail@radiosim.pt	v/s Marketing Director
	Star FM	1035		www.radionacional.clix.pt		

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
Qatar	QRTC	675 954 999 1233 1602	P.O. Box 3939, Doha			v/s Jassen Mohammed Al-Qattan, Head of Public Relations
Réunion	Radiodiff. Vision Réunion	666 729				
Romania	România Actualităţi	558 567 603 711 720 756 855 909 945 1152 1179 1332 1404 1422 1458 1530 1593	P.O. Box 111, 70749 Bucureşti	www.romania-actualitati.ro		
	Antena Satelor	153 531 603 630 1314	P.O. Box 111, 70749 Bucureşti	www.antenasatelor.ro		
	Radio Sighet	1404	Str. Plevnei nr. 8, 435500 Sighetu Marmatiei			
	Antena Brasovului	1197	Bd. Eroilor 29, Brasov	www.radioantenaav.ro		
	Antena Sibiului	1593	B-dul Victoriei Nr. 3-5, Sibiu 2400			v/s Annemaria Bistriceanu, Chief Producer
	Radio Cluj	909 1593	Str. Donat 160, 400293 Cluj-Napoca	www.radiocluj.ro		v/s Zorin Ziaconescu, Programme Manager (2001) - office@radiocluj.ro
	Radio C.N.M.	1602	Str. Poetului 24, bl.A 36, sc. B, ap.6, RO-2900 Arad			
	Radio Constanta	909 1458	Vila nr.1, Mamaia			
	Radio Iasi	1053	Str. Lascar Catargi nr. 33 - 44; 700107 Iasi	www.radioiasi.ro		
	Radio Oltenia Craiova	603 1314	B-ul Stirbei Voda 3, Cod 200352, Craiova	www.radiocraiova.ro		v/s Mircea Pospai, editor in chief (2007)
	Radio Sud Est	1602	Alexandru Odobescu Street 12, 8400 Slobozia, Ialomita	www.radiosudest.ro		v/s Sorin Dragomir, Executive Director (2001)
	Radio Timisoara	630		www.radiotimisoara.ro		v/s Adrian Shindarli, Editor-in-Chief of News&Current Affairs - shili99@yahoo.com
	Radio Tirgu Mures	1197 1323 1593	B-dul 1 Decembrie 1918 nr 109, 4300 Tirgu Mures	www.radiomures.ro		v/s Dora Trif, Announcer & Ilona Varga (2001)
	Radio Vocea Sperantei	1485 1584 1602	Str. Erou luncu Nicolae nr.38- 38A Com. Voluntari, jud. Ilfov, OP 30, Cod 077190	www.rvs.ro	rvs@rvs.ro	
Russia	Radio Rossii	153 252 261 567 585 594 621 657 693 711 765 801 846 855 873 918 936 945 1080 1089 1098 1116 1197 1215 1278 1386 1395 1584	Yamskogo polya 5-ya ul. 19/12, 125124 Moskva	www.radiorus.ru		
	Radio Rossii Sankt-Petersburg	873	nab. reki Karpovki 43, 197022 Sankt-Petersburg		radio@rtr.spb.ru	
	Radio Mayak	198 549 594 612 774 810 882 900 1134 1143 1206 1359 1449 1494 1521	ul. Akademika Koroleva 12, 127000 Moskva	www.radiomayak.ru		
	Radio Orfey	1125 1161	ul. Pyatnitskaya 25, 113 326 Moskva		radio-orpheus@yandex.ru	
	Voice of Russia (Ext. Svce)	612 1089 1170 1494 1512	ul. Pyatnitskaya 25, 115326 Moskva	www.vor.ru		
	Russian International Radio	1089 1170			rir@vor.ru	v/s S.Berezhkova (2004)
	Kavkaz Radio	171 657	Territorial Centre for Broadcasting and Radio Communications- 4, p. Oktyabrskiy, Tbilisskiy rayon, 352341, Krasnodarskiy Kray, Russia	www.chechnyafree.ru		v/s Mr. Valery Bulakh, Chief Executive (2006) - alternatively, you can send your RR to ul. Pyatnitskaya 25, 113326 Moskva
	Radio Alef	612	P.O. Box 72, 123154 Moskva			
	Radio Astrakhan	792	ul. Lyakhova 4, 414040 Astrakhan			
	Kanal Blagoveshnie	612				
	Radio Cheboksary	531 1512	ul. Kosmonavta Nikolaeva 4, 428000 Cheboksary-20			
	Dagestanskoye Radio	918 1584	ul. Magomed Gadzhieva 188, 367032 Makhachkala			
	Radio DRV-Sodejstvie	684	PO Box 15, 127427 Moskva			
	Radiogazeta "Slovo"	684 828	Suvorov V.P., Post Box 122, 197022 Sankt-Petersburg			
	Radio Grad Petrov	1323	Naberezhnaya Leytenanta Shmidta 39, 199034 St. Petersburg	www.russie.net/orthodoxie/vo/	da@ST2105.spb.edu dontr@rostru	v/s N.Skrebvov, program production manager (2003)
	GTRK "Don-TR"	945	ul. 1-ya Barrikadnaya, 18, 344101 Rostov-na-Donu			
	Radio Ibrahim	1170	PO Box 56500, 3312 Limassol, Cyprus			
	Islamskaya Volna	612	Islamic Centre, Vypolzov per.7, 129090 Moskva			
	Radio Kala Aturaya	612 1170	LAROS, Arba ul. 28/1, 121002 Moskva		assyrianvoice@newmail.ru	
	GTRK "Komi Gor"	621	Oktyabrskiy pr. 164, 167610 Syktyvkar		komigor@online.ru	v/s V. Kostin, Head of radio department (2003)
	Radio Kumru	1170		www.radyokumru.com		
	Radio Mariya	1053	Fund "Radio Mariya", nab. Kanala Griboedova, d.82, kv.25, 190068 St Petersburg	www.radiomaria.ru		
	Mariyskoe Radio	900	ul. Osipenko 50, 424014 Yoshkar-Ola			
	Messages FM	1197				
	Radio Mordovii	1080	ul. Dokuchayeva 29, 430000 Saransk		radiomordovii@mail.ru	v/s A.D.Isakov, Director of Radio (2003)
	Radiokompania "Moskva"	846	ul. Pyatnitskaya 25, 115326 Moskva			
	Radio Murmansk	657 1080	per. Rusanova 7, 183042 Murmansk			
	Radio Narodnoye	612 1107				
	Radio Naryan-Mar	711	ul. Smidovicha 19, 164700 Naryan-Mar			
	Radio Nizhniy Novgorod	828	ul. Belinskogo 9-A, 603600 Nizhniy Novgorod			
	Radio Orenburg	1395	per. Televizionnyi 3, 460024 Orenburg		gtrcj@mail.orenburg.ru	v/s A.V. Michalin (2004)
	Radio Penza	855	ul. Lermontova 39, 440602 Penza			
	RTV-Podmoskovje	846	ul. Pyatnitskaya 25, 115326 Moskva		hkor@mail.ru	v/s Dmitrij A. Nabatov, General Director (2009)
	Radio Pomorye	918	ul. Popova 2, 163000 Arkhangelsk			
	Radio Pravoslavnoye	828				

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy	
	Radio Radonezh	612 684 846 1323	ul. Pyatnitskaya 25, 115326 Moskva				
	GTRK Saratov	1197	2-a Sadovaya 7, 410017, Saratov				
	Radio Slavyanka	990	Bumahniypereulok 14, 103160 K-160 Moskva				
	Stavropolskoye Radio	882		statel.stavropol.ru			
	New Century (VO Tatarstan)	252	Radio Tatarstan, Ulitsa M.Gorkogo 15, 420095 Kazan		root@gtrkrk.kazan.su		
	Radio Tatarstana	252	Radio Tatarstan, Ulitsa M.Gorkogo 15, 420095 Kazan		root@gtrkrk.kazan.su	send reception reports Att. of QSL manager (Iblus Ibatullin) and enclose 2 IRCs or \$1 - taped reports only via registered mail!	
	Radio Teos	1089 1134	PO 194356 Box 171, Sankt Petersburg	www.radioteos.ru			
	Radio Tsentr	1503	Nikolskaya Str 7, 103012 Moskva	www.radiocentre.org		v/s Mr Nekrasov, Director (2001) andreynekrasov@radiocenter.net	
	Vesti FM	666					
	Radio Vladikavkaz	594	Osetinskaya Gorka 2, 362007 Vladikavkaz				
	Radio Voks	1071	ul. Koroleva 19, 127 427 Moskva				
	Radio Volgograd	567	ul. Mira 9, 400066 Volgograd			radiora@avtlg.ru	v/s Tatyana Rudenko, vice-chief of Adverts Dept. (2001)
	Radio Voronezh	774	ul. Karla Marksa 114, 394625 Voronezh				
	Yevangelskiye Chteniya	612 1089	Bratsstvo Svyatitelya Aleksiya, 2 Raushskij pereulok, d.4, 115035 Moskva				
	Radio Zvezda	729 990 1440	Kolymazhny pereulok 14, Moscow 119019	www.tvzvezda.ru/radio/			
	Radio 21 Vek	1188					
	Radio 69	1080	per. Rusanova 7, 183042 Murmansk				
	Deutsche Welle	1170	Deutsche Welle, D-53110 Bonn, Germany				
	Radio Liberty	1044	Vinohradská 1, 11000 Praha 1				
	Family Radio	1503					
Voice of America	810	Washington, DC 20237, USA	www.voa.gov				
Radio France Int.	810						
World Radio Network	738		www.wrn.org				
Trans World Radio	1323	TWR Europe Office, Postfach 141, A-1235 Wien, Austria	www.twr.org				
IBRA Radio	1170	Box 4033, SE-141 04 Huddinge, Sweden	www.ibra.org				
Radio China International	1170	P.O. Box 4216, CRI-2, Beijing, China, 100040	www.cri.cn				
Saint Helena	Radio Sint-Helena	1548					
Sao Tome & Principe	Radio Nacional	945					
	Voice of America	1530	Washington, DC 20237, USA	www.voa.gov			
Saudi Arabia	BSKSA 1	549 594 792 873 945 1188 1521	Frequency Manager, Ministry of Information, Riyadh	www.saudinf.com/main/h21.htm		v/s Sulaiman Al-Samnan, Director of Frequency Management (1999)	
	BSKSA 2	558 702 783 927 1089 1098 1296	Frequency Manager, Ministry of Information, Riyadh			v/s Sulaiman Al-Samnan, Director of Frequency Management (1999)	
	General Arabic Programme	585 594 648 765 900 936 1071 1260 1440 1467 1593	Frequency Manager, Ministry of Information, Riyadh				
	Call of Islam	585 648 900 1071 1260 1440 1512	Frequency Manager, Ministry of Information, Riyadh				
	Holy Quran	855 882 999 1215 1512	Frequency Manager, Ministry of Information, Riyadh				
Senegal	Radiodiffusion Télévision du Sénégal	965	58, Bvd de la République, BP 2375/1765, Dakar	www.rts.sn			
Serbia	Radio Beograd 1	675 684 693 711 999 1062 1107 1296 1440 1485 1602	Takovska 10, 11000 Beograd	www.radiobeograd.rs			
	Radio Beograd 2	1008 1467 1485	Takovska 10, 11000 Beograd	www.radiobeograd.rs			
	Radio Beograd 202	1503	Hilandarska 2a, Beograd	www.radiobeograd.rs/index.php?option=com_content&task=view&id=6460&Itemid=73		send reports to mimis@cuckovic.org or milan.misic@rts.rs	
	Radio Novi Sad	1269	Ignjata Pavlasa 3, 21000 Novi Sad	www.www.rtv.rs			
	Radio Novosadska Skala (Radio Novi Sad 4)	1485					
	Radio Kruševac 2	738	Trg Kosovskih junaka bb, 37000 Kruševac				
	Radio Lazarevac	648					
	Radio Leskovac	1602	Masarikov trg 9, 16000 Leskovac				
	Radio Novi Pazar	1062	Kompleks jezera 32, 36300 Novi Pazar				
	Radio Niš	711	Vojvode Misica 50/l, 18000 Niš			radionis@ptt.yu	
	Radio Podrinje 1	1296	Pop Lukina 7, 15300 Loznica				
	Radio Prijepolje	1584					
	Radio Priboj	1584					
	Radio Valjevo	1368	Vojvode Mišica 21, 14000 Valjevo	www.radio-valjevo.com		rvaljevo1@verat.net	
Radio Vranje	531						

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
Seychelles	Seychelles Broadc. Corp.	1368	P O Box 321, Hermitage, Mahé, Seychelles	www.sbc.sc	sbcradtv@seychelles.sc	
Slovakia	SRo 5 - Rádio Patria	702 1098				
Slovenia	Radio Slovenija 1	549 558 594 918	Tavcarjeva 17, SI-1550 Ljubljana	www.rtvsllo.si	andrej.rot@rtvsllo.si	QSLs via e-mail
	Radio Capodistria	549 1170	P.O. Box 117, SI-6000 Koper-Capodistria	www.radiocapodistria.net		
	Radio Murski Val	648	ul 1 arh. Novaka 13, 9000 Murska Sobota	www.radiomurskival.si		v/s Benjamin Horvat (2002) write in English or German
	Radio Slovenia International	918 1170	Ilichova 33, 2000 Maribor			v/s Milena Gorjup (2002) at milena.gorjup@rtvsllo.si
	Muravideki Magyar Radio	558	Kranjceva ulica 10, 9220 Lendava		mmr.studio@rtvsllo.si	
	Radio Odmev	594	Platiseva ul. 39, 5282 Cerkno	www.radio-cerkno.si	info@radio-odmev.net	
	Primorski Val	594				
Somalia	Radio Hargeisa	693				
South Africa	Capetalk 567	567	Private Bag 567, 8018 Vlaeberg	www.capetalk.co.za		
	Chinese Radio	1269				
	Radio Islam	1548	P.O.Box 2580, 1820 Lenasia	www.radioislam.co.za		
	Radio Metro – 576					
	Radio Pulpit	657	Posbus/PO Box 3436, 0001 Pretoria	www.radiopulpit.co.za		
	Radio Today	1485		www.1485.org.za		
	Radio South Africa (Panhellenic Radio)	1422				
	Radio Umhlobo Wenene FM	846				
	Radio Welgedacht	1287				
Spain	RNE Radio Nacional		Casa de la Radio, Prado del Rey, 28023 Madrid	www.rtve.es/rne/r1/		
	RNE Radio Nacional 5		Casa de la Radio, Prado del Rey, 28023 Madrid	www.rtve.es/radio/radio5/		local Radio 5 stations are mostly verified via this central address
	RNE Radio Nacional/5 Albacete	639/1152	Nuestra Señora Araceli 1, Edif. Las Torres, 02002 Albacete			
	RNE R. Nacional/5 Alicante	729/936	Angel Lozano 18, 03001 Alicante			v/s Jesus Ortiz De Zarate Iturricastillo (1999)
	RNE R. Nacional/5 Almería	639/1098	Calle Hermanos Machado 23, 04004 Almería		emisora.al.rne@rtve.es	v/s Antonio José Cortes Diez, Encargado de Emisiones (2004)
	RNE R. Nacional Andalucía		Av. Gran Capitán 2-4°, 14008 Córdoba			v/s Luis Baquero Vega, director (1999) - ibaquero@alcavia.net
	RNE Radio Nacional Aragón		José Luis Albareda 1-3, 50004 Zaragoza			
	RNE Radio Nacional Asturias		Calle San Esteban de las Cruces 92, E-33195 Oviedo			
	RNE Radio Nacional/5 Avila	621/1098	Santa Clara 2, 05001 Avila			v/s Francisco Javier Fernández Nieto (Jefe de Emisiones y Producción de RNE Avila) (2007)
	RNE R. Nacional/5 Badajoz	648/1125	Plaza de España 5, 06002 Badajoz			
	RNE R. Nacional/5 Baleares	?/909	Aragón 26, 07006 Palma de Mallorca			
	RNE R. Nacional/5 Barcelona	738/576	Carrer Aragó, n°390-394, 08013 Barcelona			
	RNE R. Nacional/5 Bilbao	639/1305	Licenciado Pozas 15-5°, 48011 Bilbao			v/s Magda Garcia Martí, jefe de emisiones
	RNE Radio 1/5 Burgos	801/1017	General Yagüe 34, 09004 Burgos			
	RNE Radio Nacional Cabra	972	Cervantes 11, 14940 Cabra (Córdoba)			
	RNE R. Nacional/5 Cáceres	774/1107	Ronda de San Francisco s/n, 10002 Cáceres			
	RNE Radio 5 Cádiz	747	Av. de Andalucía 67, 11007 Cádiz			
	RNE R. Nacional/5 Cantabria	?/1107	Polígono de Raos s/n, 39609 Camargo			v/s Cecilio E Garcia Polo, Jefe de Medios Tecnicos de RNE en Cantabria (2003)
	RNE Radio 5 Cartagena	1152	Paseo Alfonso XIII 51, 30203 Cartagena			v/s Diego Gómez Sanchez, Director (1999)
	RNE R. 1 Castilla La Mancha		Paseo de San Cristobal s/n, 45002 Toledo			
	RNE R. Nacional Castilla-León		García Morato 27-29, 47007 Valladolid			v/s Emilio de la Fuente Extremiana, Director (2004) - director.va.me@rtve.es
	RNE R. Nacional/5 Castellón	801/1125	Passeig de la Ribalta 5, 12001 Castellón			
	RNE R. Nacional Catalunya		Passeig de Gràcia 1, 08007 Barcelona			
	RNE R. Nacional/5 Ciudad Real	801/1305	Ronda del Carmen s/n, 13002 Ciudad Real		emisora.cr.rne@rtve.es	v/s Manuel Herrera Nuñez, Emisiones y Producción (2001)
	RNE Radio 5 Córdoba	531	Góngora 3, 14002 Córdoba			
	RNE R. Nacional/5 Cuenca	729/1314	Apartado 18, 16080 Cuenca			v/s José Ignacio Olana Klunder
	RNE Radio Nacional Euskadi		Plaza de Simón Bolívar 13, 01003 Vitoria-Gasteiz			
	RNE R. Nacional Extremadura		Ronda San Francisco s/n, 10003 Cáceres			
	RNE Radio Nacional Galicia		Paseo Mendez Núñez 12, 15006 La Coruña			
	RNE Radio Nacional/5 Gerona	801/1413	Avenida. de Jaume I 60, 17001 Gerona		emisora.girne@rtve.es	v/s Alexandre Teixidor, Responsable Emisiones (2005)
	RNE R. Nacional/5 Granada	774/1017	Plaza Carreteras 5, 18009 Granada			v/s Jose Guadalupe Guerrero
	RNE Radio Nacional/5 Huelva	855/1098	Avenida de Martín Alonso Pinzón 1, 21003 Huelva			
	RNE Radio Nacional/5 Jaén	521/1413	Avda de Granada 57-1°, 23001 Jaén			v/s Juan Carlos Fernandez (1999)

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	RNE R. Nacional/5 La Coruña	639/558	Paseo Mendez Núñez 12, 15006 La Coruña			v/s Severino Cagide Berraco, Director de RNE Galicia (2000)
	RNE Radio Nacional La Línea	774	Plaza de Europa, 11300 La Línea			
	RNE R. Nacional/5 La Rioja	?/1107	Gral. Vara de Rey 42, 26002 Logroño			
	RNE Radio Nacional/5 León	774/1305	Ordoño II 28, 24001 León		emisora.le.rne@rtve.es	
	RNE R. Nacional/5 Lleida	612/1152	Passeig Lluís Companys 19, 25003 Lleida			
	RNE R. Nacional Logroño	729	Avenida Portugal 2, 26001 Logroño			
	RNE Radio Nacional/5 Lugo	801/1098 - 1503	Orense 59-6°, 27004 Lugo			
	RNE R. Nacional/5 Madrid	585 - 1359/657	Casa de la Radio, Prado del Rey, 28023 Madrid			
	RNE R. Nacional/5 Málaga	729/1152	Avenida de la Aurora 40, 29006 Málaga			
	RNE Radio 5 Mallorca	909	Aragón 26, 07006 Palma de Mallorca			
	RNE R. Nacional/5 Marbella	855/567	Avenida de Ricardo Soriano 11, 29600 Marbella			
	RNE R. 1/5 Monforte de Lemos	972/1503	Orense 59, 27004 Lugo			
	RNE Radio Nacional/5 Murcia	855/567	Seda s/n, 30008 Murcia		emisora.mu.rne@rtve.es	
	RNE Radio Nacional Navarra		Aoiz 17, 31004 Pamplona-Iruñea			
	RNE R. Nacional/5 Orense	774/1305	Rúa de Progreso 115, 32003 Orense			v/s Luis Blanco Gomez, Director (2001)
	RNE R. Nacional/5 Oviedo	729/531	Melquiades Alvarez 7-5°, 33002 Oviedo			
	RNE Radio 5 Palencia	603	Becerro Bengoa 9, 34002 Palencia			
	RNE Radio Nacional Palma de Mallorca	621	Aragón 26, 07006 Palma de Mallorca			v/s Serafin Ramirez Gamen (2000)
	RNE R. Nacional Pamplona		Emilio Arrieta 8-8°, 31002 Pamplona			
	RNE Radio 5 Pamplona	531	Aoiz 17, 31004 Pamplona-Iruñea (Navarra)			
	RNE Radio Nacional/5 Ponferrada	855/1107	Ave María 11-2°, 24400 Ponferrada (León)			
	RNE Radio Nacional/5 Pontevedra	855/531	García Barbón, 36201 Vigo			
	RNE Radio Nacional/5 Salamanca	855/1314	Plaza de Colón 2, 37001 Salamanca			v/s: Mauricio Molano, Dpto. de Emisiones (2009)
	RNE Radio Nacional/5 San Sebastián	774/558	Paseo de los Fueros 2, 20006 S. Sebastián, Guipúzcoa		emisora.ss.rne@rtve.es	v/s: Mauricio Molano, Dpto. de Emisiones (2009)
	RNE Radio Nacional/5 Santander	855/1107	Polígono de Raos s/n, 39600 Maliana			v/s Juana Gutierrez Cabeza, jefe emisiones y producción (1999)
	RNE Radio Nacional/5 Sevilla	684/603	R.N.E., Edificio RTVE, Parque del Alamillo, Isla Cartuja, 41092 Sevilla			v/s Alicia Bonachera, Directora RNE Andalucía (2011)
	RNE Radio Nacional/5 Soria	774/1125	Campo 5-5°, 42001 Soria			v/s: Esther Escalada, Directora de RNE Soria (2009)
	RNE R. Nacional/5 Tarragona	855/1314	Rambla Nova 23, 43003 Tarragona			v/s Josep M Vallve, responsable Técnico y Emisiones (1996)
	RNE R. Nacional/5 Teruel	855/1107	Nueva 1-3°, 44001 Teruel			
	RNE R. Nacional/5 Toledo	693-864/1125	Plaza de San Cristobal s/n, 45002 Toledo			
	RNE Radio Nacional Tortosa	693	República Argentina 24, 43500 Maliaño (Tortosa)			
	RNE Radio Nacional/5 Valencia	774/558	Avenida Colom 13, 46004 Valencia			
	RNE Radio Nacional/5 Valladolid	729/936	García Morato 27-2°, 47007 Valladolid			
	RNE Radio 5 Vigo	1413	Avenida García Barbón 32, 36201 Vigo (Pontevedra)			
	RNE Radio Nacional/5 Vitoria	612/1125	Plaza de Simón Bolívar 13, 01003 Vitoria-Gasteiz			
	RNE R. Nacional/5 Zamora	801/1152	Av. de Requejo 21-2°, 49003 Zamora			v/s Jesús Sánchez Prieto (1999)
	RNE Radio Nacional/5 Zaragoza	639/936	José Luis Albareda 1-3°, 50004 Zaragoza			v/s Carlos Sauras Herrera (1997)
	Radio Euskadi	756 819 963	Larramendi 1, 20006 San Sebastián			v/s Goio Torrontegui, jefe de los servicios técnicos (2000)
	Euskadi Irratia Bilbao	1386	Gran Vía 85-1°, 48011 Bilbao		info@eitb.com	v/s Xabier Laskibar Setien (2011)
	Euskadi Irratia San Sebastián	1476	Miramón s/n, 20014 San Sebastián			
	Euskadi Irratia Radio Vitoria	1197 1602	Pasaje Postas 32, 01001 Vitoria	www.eitb.com/euskara/programak/programa.asp?id=RV		v/s Txabi Matxain
	COPE Albacete	1224	Tesifonte Gallego 9, 02002 Albacete		cope@copealbacete.jazztel.es	
	COPE Alicante	882	Rbl. Mendez-Nuñez 45, 03002 Alicante		emisora@copealicante.jazztel.es	
	COPE Almería	1224	Padre Luque 11-1, 04001 Almería		c-almeria@arrakis.es	v/s Rafael Carrasco, Técnico (2006)
	COPE-Alta Extremadura	900	Avenida de España 15, 10002 Cáceres		c-caceres@arrakis.es	
	COPE Astorga	1134	Hermanos La Salle 2, 24700 Astorga			
	COPE Badajoz	1269	Menacho 12-3, 06001 Badajoz		copebadajoz@extremadura.com	
	COPE Burgos	837	Av. del Cid 8/3, 09005 Burgos			v/s equipo técnico (usually sends empty QSL cards so send PPC if possible)
	COPE Castellón	1053	Av. Francisco Tárrega 69, 12540 Vila Real (Castellón)		emisora@copecastellon.jazztel.es	
	COPE Ciudad Real	1269	Pje San Isidro 3, 13001 Ciudad Real		c-creal@arrakis.es	
	COPE Córdoba	1215	Pl. Cardenal Toledo 2-4, 14001 Córdoba		c-cordoba@arrakis.es	
	COPE Ferrol	837	Plaza de España 5-6, 15403 El Ferrol		c-ferrol@arrakis.es	
	COPE Figueras	1269	Sant Llatzer 21, 17600 Figueras			v/s Vanesa García admfigueras@arrakis.es (usu. sends empty QSL cards)
	COPE Radio Gijón	882	Crta de la Costa 87, Apt. 235, 33205 Gijón			
	COPE Granada	900	Gran Vía de Colón 28, 18010 Granada		c-granada@arrakis.es	v/s José Luis Molina Magaña, Director Provincial (2010)

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	COPE Huelva	1224	Periodista José María Amoz, 21001 Huelva		c-huelva@arrakis.es	v/s Daniel Montero
	COPE Ibiza	837	Felipe II 28, 07800 Ibiza		c-laspalmas@arrakis.es	
	COPE Jaén	1143	Av. Madrid 68, 23008 Jaén		c-jaen@arrakis.es	
	COPE Jerez	1134	San Agustín 11, Apt 364, 11401 Jerez de la Frontera		c-jerez@arrakis.es	v/s Joaquín López-Sáez, Director joaquin.cope@arconet.es (2006)
	COPE León	1215	Lope de Vega 1, 24002 León		c-leon@arrakis.es	
	COPE Lleida	1224	Academia 14, 25002 Lérida-Lleida		c-lerida@arrakis.es	
	COPE Lorca	1215	Av. Juan Carlos I 67, 30800 Lorca			
	COPE Lugo	1224	Plaza de España 20, 27001 Lugo		c-lugo@arrakis.es (technical dept: tecnico.lugo@cadenacope.net) postmaster@cope.es	v/s Arturo J. Cervoñovillaverde, Director (2002) v/s Manuel Gomez, Depto. de operaciones (1999)
	COPE Madrid	999	Valenzuela 1, 28014 Madrid			
	COPE Málaga	882	Alameda de Colón 6, 29001 Málaga			
	COPE Mallorca	1224	Av. Rey Jaime III 18-4, 07002 Palma de Mallorca		copemenorca@terra.es	v/s N. Tons, Director Técnico (2002)
	COPE Menorca	1134	Av. Negrite 3, 07760 Ciudadela-Ciudadella		cope@copealbacete.jazztel.es	
	COPE Radio Murcia	711	Arco de Santo Domingo 2-3, 30001 Murcia			v/s José Medina Montserrat
	COPE Radio Navarra	1134	Amaya 2-B, 31002 Pamplona		c-pamplona@arrakis.es	v/s Belén Galindo (2003)
	COPE Orense	1143	Progreso 89-5, 32003 Orense		c-orense@arrakis.es	
	COPE Oviedo	1143	Prado Picón 16, 33008 Oviedo		c-oviedo@arrakis.es	
	COPE Puertollano	1134	Alejandro Prieto 2, 13500 Puertollano (Cd. Real)			
	COPE Reus	1143	Llovera 54-56, 43201 Reus			
	COPE Salamanca	1134	Calle Sol oriente 11-15, 37001 Salamanca			v/s Maria Jose Parcerro (2000)
	COPE Santander	1215	Rualasal 5, 39001 Santander		c-santander@arrakis.es	
	COPE Sevilla	837	Rioja 4, 41001 Sevilla		c-sevilla@arrakis.es	v/s Adrés Luis Cañadas Machado, Director (1997)
	COPE Valencia	1296	Pje Dr. Serra 2, 46004 Valencia			
	COPE Valladolid	882	Duque de la Victoria 23, 47001 Valladolid		Copevalladolid@copevalladolid.jazztel.es	
	COPE Vigo	900	Príncipe 57,1, 36202 Vigo			v/s Miguel Angel Alvarez del Pozo, Director (2009)
	COPE Zamora	1269	Pl. Fernández Duro 3, Apt. 42, 49003 Zamora		c-zamora@arrakis.es	v/s Miguel Angel Rodríguez Martín, Administrador (2009)
	COPE Zaragoza	1053	Paseo de Sagasta 50, Apt. 42, 50004 Zaragoza		c-zaragoza@arrakis.es	v/s Sr. G. Ramires
	Herri Irratia - Onda Vasca	1224	Garibai 19, 20004 San Sebastián		www.herri-irratia.com	v/s Fiego Garcia Morel, jefe de emisiones (2000)
	Onda Cero Almería	1341	Av. Frederico García Lorca 105, 04005 Almería			v/s Juanjo del Arco, Director de programas (2010)
	Onda Cero Antequera	1485	Rodaljarros 3, 29200 Antequera			v/s Juan Manuel Clavito Pinto (2002)
	Onda Cero Cataluña	540	Diagonal 441, 08037 Barcelona			v/s José Gabizón Rodríguez, Dpto. de Calidad de Onda Rambla (2002)
	Onda Cero Ciudad Real	1341	Av. Rey Santo 8, 13001 Ciudad Real			v/s Bernardo Samper Cortés & Valenton Bastante (v_bastan@hotmail.com) (2002)
	Onda Cero Radio Madrid	954	Jose Ortega y Gasset 22-24, 28006 Madrid			
	Onda Cero Toledo	1080	Pl. De la Merced 1, 45002 Toledo			
	R Pop. de Bilbao – Herri Irratia	900	Alameda Mazarredo 47, 48009 Bilbao			
	Punto Radio Vilanova	1485	Carrer Rambla Nova, nº 69, (43003) Tarragona		tarragona@ondarambla.com	v/s Benigne Rios, Director - brios@ondarambla.com (2011)
	Rock y Gol Radio Miramar	783	Diputació 238, 08007 Barcelona	www.rockandgol.net	Llbernabeu@copebarcelona.com	
	SER Radio Albacete	1116	Concepción 25, 02002 Albacete			v/s Juan Jadá Raduan, Director
	SER Radio Alcoy	1485	Carrer Doctor Sempere 16 Bajos B y C, 03803 Alcoy			
	SER Radio Algeciras	1260	C/.Gral. Castanos 2-3", 11201 Algeciras, Cádiz			
	SER Radio Alicante	1008	Calderón de la Barca 26, 03004 Alicante			v/s Emilio Mora, jefe de emisiones
	SER Radio Asturias	1026	Asturias 19, 33004 Oviedo			v/s Jesús Martín (1999)
	SER Radio Barcelona	666	Casp 6, 08010-Barcelona			
	SER Radio Bilbao	990	Rodríguez Arias 6, 48008 Bilbao		radiobilbao@unionradio.es	
	SER Radio Cádiz	990	Po. Marítimo 1, Edif. Reina Victoria, 11010 Cádiz		radiovadiz@unionradio.es	
	SER Radio Cartagena	1602	Real 82, 30201 Cartagena		radiocartagena@unionradio.es	v/s Jose Antonio Romero (2000)
	SER Radio Castellón	1521	Moyano 5 entresol 9, 12002 Castellón		informativos.radiocs@csnet.es	v/s Gabriel Ferrandiz Gracia - gabipress@hotmail.com (2001)
	SER Radio Castilla	1287	Calle Venerables 8, 09003 Burgos			
	SER Radio Córdoba	1575	García Lovera 3, 14002 Córdoba	www.radiocordoba.es		v/s Tomas Rios, Director Técnico (1997) tomasrios@radiocordoba.es
	SER Radio Coruña	1080	Pl. de Orense 3, 15004 La Coruña			
	SER Radio Elche	1539	Calle Dr. Caro 45, 03201 Elche			v/s José Borondo Aledo, jefe de emisiones (2000)
	SER Radio Extremadura	1008	Ramón Albar nº2-3, 06002 Badajoz		iss@iponet.es	v/s Enrique Molina Arqueros, Director técnico (1999)
	SER Radio Galicia	873	Apt. 469, 15701 Santiago de Compostela			
	SER Radio Gandía	1584	c/Loreto 32, 46400 Gandía			v/s Jose Joaquín Gorriza, Jefe Técnico (2010)
	SER Radio Girona	1008	Plaza Josep Pl 2, 17001 Girona-Girona		radiogirona@unionradio.es	v/s Jesus Heras Trilla, Jefe de transmisiones (2003)
	SER Radio Granada	1080	Santa Paula 2, 18001 Granada	www.radiogranada.es		v/s Jose Luis Ramirez Domenech, Director (2001)

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	SER Radio Huesca	1080	Alcalde Cardenera 1, 22080 Huesca			v/s Isaac Constante Royán, Director técnico (1999) - rahusa@ctv.es
	SER Radio Jaén	1026	Obispo Aguilar 1, 23001 Jaén	www.radiojerez.com	radioleonser@usuarios.retecal.es	v/s Paco Gomez (1999)
	SER Radio Jerez	1026	Guadalete 12, 11403 Jerez de la Frontera			v/s José Manuel Cauqui (2002)
	SER Radio León	1341	Villafraña 6, 24001 León			v/s Enrique García Astigartraga, Director (2000) and Ricardo Perez, jefe técnico (2001)
	SER Radio Linares	1602	Plaza Ramón y Cajal 8, 23700 Linares			
	SER Radio Lleida	1287	Marqués de Vila Antónia 5, 25007 Lérida-Lleida		radiolleida@unionradio.es	v/s Santos Barquero caceres, Técnico de Radio (2004)
	SER Radio Lugo	1287	Pl. Santo Domingo 3, 27001 Lugo			
	SER Radio Madrid	810	Gran Vía 32, 28013 Madrid			
	SER Radio Mallorca	1080	Son Moix s/n, 07011 Palma de Mallorca		radiomallorca@unionradio.es	
	SER Radio Manresa	1539	Plana de l'Om 2, 08240 Manresa			
	SER Radio Murcia	1260	Radio Murcia 4, 30001 Murcia		radiomurcia@unionradio.es	v/s Luis Chico (2000)
	SER Radio Onteniente	1602	Ereta 2A, Apt 84, 46870 Onteniente			v/s Maria Jose Tornero Gandia, jefe de programación (2000)
	SER Radio Orense	1584	Rua do Paseo, 30 Entreplanta, 32003 Orense			
	SER Radio Pamplona	1575	Apartado de Correos 71, ES-31080 Pamplona (Navarra)			v/s Luis Pérez Forteis
	SER Radio Pontevedra	1116	Daniel de la Sota 5, 36001 Pontevedra			v/s Jorge Hermida Aldao, Director (2000)
	SER Radio Reus	1026	Tomás Vergadá 3, 43204 REUS, Tarragona		reus@cadener.com	
	SER Radio Rioja	1179	Av. Portugal 12, Apt. 149, 26001 Logroño	www.radiorioja.es		v/s Javier Cermeño - javiercermeno@radiorioja.es (2011)
	SER Radio Salamanca	1026	Arco 16-20, Apt. 211, 37002 Salamanca	www.radiosalamanca.com		
	SER Radio San Sebastián	1044	Paseo Portuetxe 51, edificio ACB, 20018- San Sebastián			v/s Alfonso Martínez Redondo, Dpto. Técnico de Radio San Sebastián (2011)
	SER Radio Santander	1485	Marcelino Sanz de Sautuola 4, 39003 Santander			
	SER Radio Segovia	1602	San Agustín 3, 40001 Segovia	www.radiosegovia.com		
	SER Radio Sevilla	792	Rafael González Abreu 6, 41001 Sevilla			
	SER Radio Valencia	1179	Antigua Senda de Senent 11, Edificio Alameda, 45021 Valencia			
	SER Radio Valladolid	1044	Montero Calvo 7, 47001 Valladolid		radiovalladolid@unionradio.es	
	SER Radio Vigo	1026	Policarpo Sanz 36, 36202 Vigo	www.radiovigo.com		
	SER Radio Zamora	1485	Calle Santa Ana 6, 49006 Zamora			v/s Carlos Pedrero, jefe de Programas (1999)
	SER Radio Zaragoza	873	Paseo de la Constitución 21, 50001 Zaragoza			
	COMRadio	882	Travessera de les Corts 131-159, 08028 Barcelona			
	Radio Intercontinental	918	Modesto Lafuente 42, 28003 Madrid	www.radiointer.es.vg		v/s Marisa Andreu Cortes, Directora de Personal, Programas, Producción (1999)
	KISS-FM Barcelona	828	Carrer de Aragon 390-394, 2a planta, ES-08013 Barcelona			
Sudan	Sudan National Broadcasting Corporation	540 576 639 666 747 765 801 810 819 873				
		909 945 963 1026 1071 1296 1485 1602				
	Southern Sudan Radio	693				
	Khartoum Radio	576 747				
Swaziland	Swaziland Comm. Radio	1377				
	Trans World Radio	1170				
Switzerland	Voice of Russia	558	ul. Pyatnitskaya 25, 115326 Moskva , Russia	www.vor.ru		
Syria	Radio of Syrian Arab Republic (1st px)	567 612 747 783 828 918 936 1485	Ommayad Square, Damascus			
	Radio Voice of the People (2nd px)	594 666 954 1125 1314	Ommayad Square, Damascus			
	Al Nur Radio	1071	P.O.Box 25-197, Ghbeiry, Lebanon	www.alnour.com.lb		
	Radio Damascus	783	P.O. Box 4702, Damascus			
	Al-Quds	702	PO Box 5092, Damascus			
Tanzania	Radio Tanzania	531 603 621 648 657 711 720 837 990 1215				
		1440				
	Radio One	1323				
	Sauti Ya Tanzania Zanzibar	585				
	Radio Free Africa	1377				
Togo	Radiodiffusion Togolaise	1394				
	Radio Kara	1503				
Tunesia	RTT	585 630 684 882 963	Gen. des Télécommunications, 71 Ave. de la Liberté, Tunis			
Turkey	TRT 1	702 1062	TRT Sitesi, C Blok 6. kat, OR-AN.06450 Ankara	www.trt.net.tr		reports can be sent to Ms Sedef Somaltin (sedef.somaltin@trt.net.tr)
	TRT 4	927	TRT Sitesi, C Blok 6. kat, OR-AN.06450 Ankara	www.trt.net.tr		

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	TRT Antalya	891				
	TRT-GAP Diyarbakir	1062	TRT Van Radyosu, Mudurlugu Abdurrahmangazi -Mahallesi-VAN			
	TRT Çukurova	630	TRT Cukurova Müdürlüğü, Üc Ocak Mah. İnönü Bulvari No. 48, 33050 Mersin			v/s Ali Gündüz, Deputy Director of Cukurova (2010) - sends QSL letter
	TRT Trabzon	954	TRT Trabzon Bölge Müdürlüğü, Atatürk bulvari 70, 61200 Sogutlu-Akcaabat/Trabzon			v/s Mehmet Bayraktar, Deputy Manager TRT Trabzon Radio (2010)
	AFN	1593				
Uganda	Radio Uganda Blue Network	576 639 999 1485				
	Radio Uganda Red Network	729 810 909				
Ukraine	Ukrainske Radio 1 (Persha px)	711 837 972 1134 1377 1584	vil. Khreshchatyk 26, 01001 Kyiv	www.nrcu.gov.ua		
	Ukrainske Radio 2 (Radio Promin)	783	vil. Khreshchatyk 26, 01001 Kyiv	www.nrcu.gov.ua		
	Ukrainske Radio 3 (Radio Muz)	657	vil. Khreshchatyk 26, 01001 Kyiv	www.nrcu.gov.ua		
	Radio Ukraine Int'l	657	vil. Khreshchatyk 26, 01001 Kyiv		marinenko@nrcu.gov.ua (Ukrainian service), vsru@nrcu.gov.ua (English service), rui@nrcu.gov.ua (German service)	English and German services verify with QSL cards. Ukrainian service can only send QSL letters.
	Radio Bukovyna	819 837				
	Dnepropetrovskoye Oblastnoye Radio 2	873				v/s Valeriy Dreshpak, Deputy General Manager (2003)
	Radio Donechchyya	711				
	Radio Mykolayiv	1377	Prospekt Lenina 24-b, 54029 Mykolayiv			v/s Dmitry Chebatkov, programmer dac@trk.aip.nikolaev.ua (2001)
	Radio Maiak	765	ul. Zaslavskogo 12, Odessa, 65045		mayak@odessa.fm	v/s Director General Stanislav Kiselyov (slavka@Odessa.fm)
	Radio Mayak	711 1395	ul. Akademika Koroleva 12, 127000 Moskva, Russia	http://www.radio-n.com/		
	Radio Nezalezhnist	1467				
	Radio Shteitl	873	88-a K.marks Avenue, Dniepropetovsk			
	Radio Tsentr	1359	Kuybysheva 61, Donetsk 83016			
	Zakarpatske Oblasne Radio	891	Kievskaya naberezhnaya 18, 88018 Uzghorod			v/s Pjotr Petrik, general director, petryk@karpaty.uzhgorod.ua (2000)
	Radio Liberty	1476	Vinohradská 1, 11000 Praha 1, Czech Republic	www.rferl.org		
	Voice of America	549	Washington, DC 20237, USA	www.voa.gov		
	Radio Canada International	549				
United Arab Emirates	United Arab Emirates Radio	721 810 972 1152 1476 1539	P.O. Box 63, Abu Dhabi			
	Radio Asia 1269AM	1269	PO Box 31876, Dubai	http://www.radioasiauae.com	drsarak@emirates.net.ae	v/s Brij Bhalla, for General Manager (2003)
	Asianet Radio	1539	PB # 62787, Dubai	www.asianetglobal.com	asianet@emirates.net.ae	
	Ras al Khaimah Radio	1152				
	Umm Al Quwain	846				
	Radio Sawa	1170		www.radiosawa.com/english.aspx	comments@radiosawa.com	
	Radio Farda	1314 1575	Washington, DC 20237, USA	www.radiofarda.org		v/s Behruz Nikzat, News Director (2006)
	VOA Radio Aap Ki Dunyaa	1539				
United Kingdom	BBC Radio 4	198 603 720 756 774 873 1449 1485	Broadcasting House, Portland Place, London W1A 1AA	www.bbc.co.uk/radio4/		
	BBC Radio 5 Live	630 657 693 801 855 873 909 990 1026 1116 1485	Broadcasting House, Portland Place, London W1A 1AA	www.bbc.co.uk/fivelive/		
	BBC World Service	198 648 1260 1296 1323 + local	P.O. Box 76, Bush House, Strand, London WC2R 4PH	www.bbc.co.uk/worldservice/	worldservice.letters@bbc.co.uk	
	BBC Radio Scotland	585 810 990	Broadcasting House, Queen Margaret Dr, Glasgow G12 8DG	www.bbc.co.uk/scotland/	radioscotland@bbc.co.uk	v/s Noble MacPherson
	BBC Radio Ulster	792 873 1341	Broadcasting House, 25-27 Ormeau Ave, Belfast BT2 8HQ	www.bbc.co.uk/radioulster/		v/s Stephen A. Craig, Acting Broadcast Executive (1999)
	BBC Radio Wales	657 882 1125	Broadcasting House, Llandaff, Cardiff CF5 2YQ	www.bbc.co.uk/wales/	radiowales@bbc.co.uk	v/s Edard Trickett, Information Engineer (1998)
	BBC Asian Network	837	Epic House, Charles Street, Leicester LE1 3SH	www.bbc.co.uk/asiannetwork/		v/s Mike Curtis - mike.curtis@bbc.co.uk (1999)
	BBC Asian Network	630 774 828 855 1035 1116 1458	P.O. Box 206, Pebble Mill Rd, Birmingham B5 7SD	www.bbc.co.uk/asiannetwork/		v/s Perminder Khtakar, Senior Broadcast journalist (1999)
	BBC Asian Network	1449		www.bbc.co.uk/asiannetwork/		
	BBC Radio Bristol & Somerset Sound	1548 1566	P.O. Box 194, Bristol BS99 7QT	http://news.bbc.co.uk/local/bristol/hi/tv_and_radio/		v/s Ian Hodson, Senior Broadcast Engineer (2005)
	BBC Radio Cambridgeshire	1026	Broadcasting House, 104 Hills Rd, Cambridge CB2 1LD	http://news.bbc.co.uk/local/cambridgeshire	cambridgeshire@bbc.co.uk	v/s Richard Neil, Engineer (1999)

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	BBC Radio Cornwall	630 657	Phoenix Wharf, Truro, Cornwall TR1 1UA	http://news.bbc.co.uk/local/cornwall/hi/tv_and_radio/		
	BBC Radio Cumbria	756 837 1458	Annetwell Street, Carlisle CA3 8BB	http://news.bbc.co.uk/local/cumbria/hi/tv_and_radio/		
	BBC Radio Derby	1116	P.O. Box 269, 56 St Helen's Street, Derby DE1 3HL	http://news.bbc.co.uk/local/derby/hi/tv_and_radio/	derby@bbc.co.uk	
	BBC Radio Devon	801 855 990 1458	P.O. Box 1034, Plymouth or Exeter	http://news.bbc.co.uk/local/devon/hi/tv_and_radio/	devon.online@bbc.co.uk	v/s Paul Gibson, Engineer-in-charge (1999)
	BBC Essex	729 765 1530	198 New London Road, Chelmsford CM2 9AB	http://news.bbc.co.uk/local/essex/hi/tv_and_radio/	essex.online@bbc.co.uk	v/s Chris Woodward, Broadcast Assistant chris.woodward@bbc.co.uk (2001) & Michael R Bolwell, Engineer BBC Essex (2007)
	BBC Radio Foyle	792	8 Northland Road, Londonderry BT48 7NE			
	BBC R Gloucestershire	1413	London Rd, Gloucester GL1 1SW	http://news.bbc.co.uk/local/gloucestershire/hi/tv_and_radio/	radio.gloucestershire@bbc.co.uk	v/s Roy Preece, Chief Engineer (1998)
	BBC Radio Guernsey	1116	Commerce House, Les Banques, St Peter Port, Guernsey	http://news.bbc.co.uk/local/guernsey/hi/tv_and_radio/	guernsey@bbc.co.uk	
	BBC Hereford & Worcester	738 1584	Hylton Rd, Worcester WR2 5WW	http://news.bbc.co.uk/local/herefordandworcester/hi/tv_and_radio/	worcester@bbc.co.uk	v/s Tracey Higgins, Newsreader (1999)
	BBC Radio Humberside	1485	9 Chapel Street, Hull HU1 3NU	http://news.bbc.co.uk/local/humberside/hi/tv_and_radio/	radio.humberside@bbc.co.uk	v/s Simon Pattern, Managing Editor simon.pattern@bbc.co.uk (2008)
	BBC Radio Jersey	1026	18 Parade Rd, St Helier, Jersey JE2 3PL	www.bbc.co.uk/england/radiojersey/	jersey@bbc.co.uk	
	BBC Radio Kent	774 1602	The Great Hall, Pleasant Road, Tunbridge Wells TN1 1Q9	http://news.bbc.co.uk/local/kent/hi/tv_and_radio/	kent@bbc.co.uk	v/s David Farwig, Editor local services (1999) + Steve Taschini, Editor (1999)
	BBC Radio Lancashire	855 1557	20-26 Darwen Street, Blackburn BB2 2EA	http://news.bbc.co.uk/local/lancashire/hi/tv_and_radio/	lancashire@bbc.co.uk	v/s John Clayton, Deputy Editor (2001)
	BBC Radio Leeds	774	Broadcasting House, Woodhouse Lane, Leeds LS2 9PN	http://news.bbc.co.uk/local/leeds/hi/tv_and_radio/	'leeds@bbc.co.uk	v/s Ashley Patfield, Managing Director - ashley.patfield.01@bbc.co.uk (1999)
	BBC Radio Lincolnshire	1368	P.O. Box 219, Newport, Lincoln LN1 3XY	http://news.bbc.co.uk/local/lincolnshire/hi/tv_and_radio/	lincolnshire@bbc.co.uk	v/s Adam Keene, Engineer-in-charge, also Dave Wilkinson (1999)
	BBC Radio Merseyside	1485	55 Paradise Street, Liverpool L1 3BP	http://news.bbc.co.uk/local/liverpool/hi/tv_and_radio/	radio.merseyside@bbc.co.uk	v/s Mick Orol, Editor (1999)
	BBC Radio Nan Gaidheal	990		www.bbc.co.uk/radionangaidheal/		
	BBC Radio Newcastle	1458	Broadcasting Centre, Fenham, Newcastle-upon-Tyne NE99 1RN	http://news.bbc.co.uk/local/tyne/hi/tv_and_radio/	tyne@bbc.co.uk	no longer sends QSL cards but sends regular letters, v/s Tony Fish
	BBC Radio Norfolk	855 873	Norfolk Tower, Surrey Street, Norwich NR1 3PA	http://news.bbc.co.uk/local/norfolk/hi/tv_and_radio/	norfolk@bbc.co.uk	v/s David Cleaton, Editor (2001)
	BBC Radio Nottingham	1584	London Rd, Nottingham NG62 4UU	http://news.bbc.co.uk/local/nottingham/hi/tv_and_radio/	nottingham@bbc.co.uk	QSLs are only issued for local programmes
	BBC Radio Plymouth	855				
	BBC Radio Sheffield	1035	54 Shoreham Street, Sheffield S10 4RS	http://news.bbc.co.uk/local/sheffield/hi/tv_and_radio/	radio.sheffield@bbc.co.uk	
	BBC Radio Solent	999 1359	10 Havelock Rd, Southampton S014 7PW	http://news.bbc.co.uk/local/hampshire/hi/tv_and_radio/		v/s Andy Bocking, Area Engineer, and Emma Plummer, Management Assistant (1999)
	BBC Somerset Sound	1566	Broadcasting House, Park St Taunton TA1 4DA	http://news.bbc.co.uk/local/bristol/hi/tv_and_radio/		v/s Ian Hodson, Supervisory Engineer (1999)
	BBC Southern Counties Radio	1161 1368 1485	Broadcasting Centre, Guildford GU2 5AP	http://news.bbc.co.uk/local/sussex/hi/		
	BBC Radio Stoke	1503	Conway House, Cheapside, Hanley, Stoke-on-Trent ST1 1JJ	http://news.bbc.co.uk/local/stoke/hi/tv_and_radio/	radio.stoke@bbc.co.uk	v/s Phil Ashworth
	BBC Three Counties Radio	630 1161	P.O. Box 3CR, Hastings Street, Luton LU1 5XL	http://news.bbc.co.uk/local/threecounties/hi/tv_and_radio/	threecounties@bbc.co.uk	v/s Mark Norman, Managing Editor (2008)
	BBC Radio Wiltshire	1332 1368	PO Box 1234, Trowbridge, Swindon&Salisbury	http://news.bbc.co.uk/local/wiltshire/hi/tv_and_radio/	wiltshire.sound@bbc.co.uk	v/s Ian Dyer, Supervisory Engineer
	BBC Radio York	666 1260	20 Bootham Row, York YO3 7BR	http://news.bbc.co.uk/local/york/hi/tv_and_radio/	northyorkshire@bbc.co.uk	
	Absolute Radio	1197 1215 1224 1233 1242 1260	1 Golden Square, London W1F 9DJ	www.absoluteradio.co.uk		v/s Alex Lakey, Head of Engineering (1999) - alex.lakey@ginger.com
	Radio Air3 (LPAM)	1350	The Robbins Centre, University of Stirling, Stirling FK9 4LA	http://www.air3radio.com		
	Anker Radio (LPAM)	1386	Arbury Broadcasting Centre, George Eliot Hospital, Nuneaton, Warwickshire CV10 7DJ			v/s Chris Ward, Technical Manager (2004)
	Apple AM (LPAM)	1431	Taunton & Somerset Hospital, Musgrove Park, Taunton, Somerset TA1 5DA, UK	www.appleam.com		
	Army Talk Catterick (LPAM)	1287	HQ Garrison Radio, Shute Road, Catterick Garrison, N Yorks DL9 4AF	www.armytalk.co.uk	catterick@garrisonradio.com	
	Asian Sound Radio	963 1377	Globe House, Southall Street, Manchester M3 1LG	www.asiansoundradio.co.uk	info@asiansoundradio.co.uk	
	Basildon Hospital Radio (LPAM)	1287	Basildon Hospital, Nether Mayne, Basildon SS16 5NL			
	Betar Bangla	1503	Unit-6, 10-14 Hollybush Gardens, London E2 9QP	www.betarbangla.org.uk	info@betarbangla.org.uk	v/s Mehedi Hasan (2010)
	BFBS (LPAM)	1287	BFBS Chalfont Grove, Norcot Lane, Chalfont St.Peter SL9 8TN			

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	BFBS Gurkha Radio (LPAM)	1134 1278 1287			shorncliffe@bfbs.com	v/s Dhruva Gautam (2004)
	BFBS R. Nepali Service (LPAM)	1278	Sir John Moore Barracks, Shorncliffe near Folkestone, Kent CT20			v/s Sergeant N. Rai
	BFBS Northern Ireland (LPAM)	1287	3HJ BFBS N. Ireland,Thievpal Barracks, Lisburn, Co. Antrim BT28	http://bfbs-radio.com		
	BLAST 1386 (LPAM)	1386	3NP c/o BDXC, 10 Hemdean Hill, Gaversham, Reading RG4 7SB		blast1386@reading-college.ac.uk	
	Blue Bull Radio 1278 kHz	1278	RAF Marham Kings Lynn, Norfolk PE33 9NP			
	Buzz Asia	963 972	Radio House, Bridge Road, Southhall UB2 4AT	www.buzzasiaonline.com		
	Cambridge University R. (LPAM)	1350	Churchill College, Cambridge CB3 0DS			
	Carillon Radio (LPAM)	1386 1431	Loughborough Hospital, Eppinal Way, Loughborough, Leicestershire LE11 5JY	www.carillonradio.com	CarillonRadio@aol.com	v/s Jon Sketchley G4DCE, Technical Manager (2000)
	Castle Radio (LPAM)	1278	Castle College, Nottingham			
	Radio Cavell (LPAM)	1350	The Studios,The Royal Oldham Hospital,Rochdale Road, Oldham. Lancs. OL1 2 JH	www.radiocavell1350.org.uk	information@radiocavell1350.org.uk	
	Celtic Music Radio	1530	University of Strathclyde, Livingstone Tower, 26 Richmond Street, Glasgow G1 1XH	www.celticmusicradio.net	studio@celticmusicradio.net	
	Chichester Hospital Radio (LPAM)	1431	St. Richard's Hospital, Chichester, West Sussex PO19 4SE	www.chr1431.org.uk		v/s Peter F. Edgeler, station manager - Pedgeler@zoom.co.uk (2000)
	Radio City (LPAM)	1386		www.radiocityswansea.co.uk	Engineer@radiocityswansea.co.uk	
	Clyde 2	1152	Clydebank Business Park, Clydebank, Glasgow G81 2RX	www.clyde2.com		v/s Grae Allan - grae@srh.co.uk, Engineering Director (1999)
	County Sound	1566	Dolphin House, 3 North Street, Guildford GU1 4AA	www.countysound.co.uk		v/s Rebecca Buckett, station assistant + Rob Wallace (2000) - usu. QSL letter; e-mail reports accepted
	Crawley Hospital Radio (LPAM)	1287	The Studios, Crawley Hospital, West Green Drive, Crawley, West Sussex RH11 7DA, tel:+44 1293 600 300		HospitalRadioCrawley@hotmail.com	
	Crush Radio (LPAM)	1278	Student's Union, College Lane, Hatfield AL10 9AB	www.crushradio.co.uk		
	Desi Radio	1602	Desi Radio Panjabi Centre, 30 Sussex Rd, Southall UB2 5EG	www.desiradio.org.uk	info@desiradio.org.uk	
	Radio Diamonds (LPAM)	1503	Nene Park, Diamond Way, Irthlingborough, Northamptonshire NN9 5QF			
	Dorton College Radio (LPAM)	1350	Dorton College, Seal Drive, Seal Sevenoaks, Kent TN15 0AH, tel:+44 1 732 592 600			
	Downtown Radio	1026	Kiltonga Industrial Est, Newtownards, Co. Down BT23 4ES, No. Ireland	www.downtown.co.uk		
	Flame Christian Community Radio Wirrel (LPAM)	1521	PO Box 53, Upton CH49 3WB	www.flameccr.org.uk		
	Forth AM	1548	Forth House, Forth Street, Edinburgh EH1 3LF	www.radioforth.com		v/s Ian Wales, Director of Engineering (1999)
	Frequency 1350	1350	The Student's Union, University of Central Lancashire, Fylde Road, Preston PR1 2TQ			
	Fresh Radio	936 1413 1431	YDR House, Gargrave Rd, Skipton BD23 1YD, North Yorkshire	www.freshradio.co.uk		v/s Becky Hall & Mark Reason, station manager (2002)
	Garrison Radio Aldershot (LPAM)	1287		www.army.mod.uk/garrisonradio/aldershot /		
	Garrison Radio Bulford/Tidworth (LPAM)	1287	Oakland Houde, 40 Victoria Rd, Hartlepool TS26 8DD			v/s James Shortland via colgfm@btconnect.com (2008)
	Gold 774	774	Old Talbot House, Southgate Street, Gloucester GL1 2DQ			v/s Martin Mills, Station Manager (2001)
	Gold 792/828	792 828	Chiltern Road, Dunstable LU6 1HQ			v/s M.C. Ayling, chief engineer
	Gold 828	828	5 Southcote Rd, Bournemouth BH1 3LR			v/s Louise Dean
	Gold Digital 1332 AM	1332	PO Box 225, Queensgate Centre, Peterborough PE1 1XJ			
	Gold 1431/1485	1431 1485	P.O. Box 210, Reading RG31 7RZ			v/s Paul M. Ribbins
	Gold 1557	1557	The Broadcast Centre, 19-21 St. Edmunds Road, Northampton NN1 5DY			v/s Chris Ward, Engineer (1997)
	Gold	1548	29-30 Leicester Square, London WC2H 7LA	www.mygoldmusic.co.uk		v/s Patricia Cook, Assistant to Head of Engineering (1999)
	Gold	603 1242	Radio House, John Wilson Business Park, Whitstable, Kent CT5 3QX			v/s Stuart Vint, Chief Engineer (1998)
	Gold	945 1323	Radio House, P.O. Box 2000, Portslade, Brighton BN41 2SS			v/s Russel Williams, Station Engineer (2000)
	Gold	1170 1557	Radio House, Whittle Avenue, Segensworth West Fareham PO15			v/s Mark Sadler, programme controller (1999)
	Gold Manchester	1458	Laser House, Waterfront Quay, Salford M5 2XN			v/s Jonathan Dean, Producer/ presenter + Kris Burford, Station Director (1999)
	Gold 1152	1152	Radio House, Aston Rd North, Birmingham B6 4BX			
	Gold 1305/1359	1305 1359	Atlantic Wharf, Cardiff CF10 4DJ			v/s Martin Angove (2000)
	Gold Amber (Norfolk)	1152	St. George's Plain, 47-49 Colegate, Norwich NR3 1DB			
	Gold Breeze	1359 1431	Radio House, Clifftown Rd, Southend-on-Sea SS1 1SX		studios@essexradio.co.uk	v/s D. Scott - has possibly stopped QSLing
	Gold Digital Amber (Suffolk)	1170 1251	Radio House, Alpha Business Park, White House Road, Ipswich IP1 5LT			v/s Simon Foster, Chief Engineer (1999)
	Gold Bristol	936 1260	P.O. Box 2020, Watershed, Canon's Road, Bristol BS99 7SN			v/s David Cox, Chief Engineer (1999)

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	Gold - Plymouth 1152 AM	1152	Earl's Acre, Alma Rd, Plymouth PL3 4HX			
	Gold Swindon	1161	PO Box 2000, Swindon SN4 7EX			v/s Andy Moreton, Chief Engineer (1999)
	Gold Digital GEM	945 999	29-31 Castle Gate, Nottingham NG1 7AP			
	Gold Digital WABC	990 1017	267 Tettenhall Rd, Wolverhampton WV6 0DQ			
	Gurkha Radio (LPAM)	1251				
	GU2 (LPAM)	1350	University of Surrey, Guildford GU2 5XH	www.gu2.co.uk		
	Radio Gwendolen (LPAM)	1287	Leicester General Hospital, Gwendolen Rd, Leicester LE5 4PW			v/s Dave Willocks, station manager (2002)
	Radio Hafren	756	The Studios, The Park, Newtown, Powys SY16 2NZ	www.radiohafren.co.uk	info@radiohafren.co.uk	
	Harlow Hospital Radio (LPAM)	1278	Princess Alexandra Hospital, Hamstel Road, Harlow CH20 1QX	www.harlowhospitalradio.org		
	Hemel Hempstead Radio (LPAM)	1350	The Studio, Hemel Hospital Radio, Hillfield Road, Hemel Hempstead, Hertfordshire HP2 4AD			v/s Paul Andersson, Station engineer (2001) - send reports to: qsl@hemelradio.org.uk
	Radio Hope (LPAM)	1350	Hope university College, Hope Park, Liverpool L16 9JD			
	Hospital Radio Services (HBS) (LPAM)	1431	Hospital Broadcasting Sheffield, Royal Hallamshire Hospital, Glossop Road, S10 2JF Sheffield	www.hbsradio.co.uk		
	Radio Hotspot (LPAM)	1287	Royal Hospital School, Ipswich IP9 2RX			
	IC Radio (LPAM)	1134		www.icradio.com		
	Insanity (LPAM)	1287	Student's Union, Royal Holloway, University of London, Egham, Surrey TW20 0EX			
	Radio Jcom (LPAM)	1386	MAZCC, 311 Stonegate Road, Leeds LS17 6AZ			
	Kingstown Hospital Radio (LPAM)	1350	Hull Royal Infirmary, Anlaby Road, Kingston-upon-Hull	www.kingstown.karoo.net	onair@kingstown.karoo.co.uk	
	Kismat Radio	1035	Radio House, Southall, Middlesex, UB2 4AU	www.kismatradio.com	Jayesh@kismatradio.com	v/s: Reshma Bhai, PA to Chairman (2005)
	Knutsford AM (LPAM)	1350	Media Centre Upper School, Bexton Road, Knutsford WA 16 0EA	www.school-portal.co.uk/GroupHomepage.asp?GroupID=51102		
	L&D Radio (LPAM)	1134	L&D Hospital NHS Trust, Lewsey Road, Bedfordshire LU4 0DZ	www.ldhr.co.uk	info@ldhr.co.uk	
	LBCNews 1152	1152	200 Gary's Inn Road, London WC1X 8XZ	www.lbc.co.uk		v/s Derek Cole, Head of Engineering (1999)
	Livewire (LPAM)	1350	Union House, University of East Anglia, Norwich NR4 7TJ	www.livewire1350.com		v/s Paul Eldridge, Station manager
	London Turkish Radio	1584	185b High Road, Wood Green, London N22 6BA			v/s Akin Pastirmacioglu (2000)
	Radio Lyneham (LPAM)	1449	RAF Lyneham, Chippingham Wilts SN 15 4PL, www.lynehamradio.com			
	Magic 828	828	P.O. Box 2000, 51 Burley Road, Leeds LS3 1LR			
	Magic 999	999	P.O. Box 301, Preston PR1 1YE			
	Magic 1152 MW	1170	Radio House, Newcastle-upon-Tyne NE99 1BB			v/s Sean Marley, Programme Director (1999)
	Magic 1161 AM	1161	Commercial Road, Hull, East Yorkshire	www.magic1161.co.uk		
	Magic 1170 AM	1170	Radio House, Newcastle-upon-Tyne NE99 1BB			
	Magic AM	990 1305 1548	Radio House, 900 Herries Road, Sheffield S6 1RH	www.magicam.co.uk		v/s Lisa Crawshaw, Programme secretary (1999)
	Magic Liverpool	1548	8-10 Stanley St, Liverpool L1 6AF			v/s Steve Taylor, Chief Engineer (1999)
	Manchester's Magic 1152	1152	P.O. Box 1152, Manchester M1 4AW			
	Radio Manchester United (RSL)	1413				
	Manx Radio	1368	P.O. Box 1368, Douglas Head, Douglas, Isle of Man	www.manxradio.com		
	Marcher Gold	1260	The Studios, Mold Rd, Gwersyllt, Nr Wrexham LL11 4AF			v/s Ian Waks, Director of Engineering
	Mercia Gold	1359	Hertford Place, Coventry CV1 3TT			
	Mid Downs Radio (LPAM)	1350	The Princess Royal Hospital, Lewes Rd, Haywards Heath, West Sussex RH16 4EX	www.mdr.org.uk		v/s Mike Skinner, Secretary (Bachelor Way, Uckfield TN22 2DD), mike.skinner@marklandway.freemove.co.uk (2000)
	Moray Firth Radio	1107	P.O. Box 271, Gen. Booth Rd, Scorguie, Inverness IV3 6SF	www.mfr.co.uk		
	Nevill Hall Sound (LPAM)	1287	The Old Workhouse, Hatherleigh Place, Abergavenny NP7 7RL			
	Radio Nightingale (LPAM)	1350	Rotherham District Hospital, Moorgate Road, Rotherham S60 2UD	www.radionightingale.org.uk	admin@radionightingale.org.uk	v/s Mel Jacques (1999)
	Northsound Two	1035	45 King's Gate, Aberdeen AB15 4EL	www.northsound2.com		v/s Rod Webster, Managing Director (1999)
	Oakwell 15-75 AM (RSL)	1575		www.oakwell1575am.co.uk		
	Palace Radio (RSL)	1278			terry@tk61.freemove.co.uk	
	Pinesbury 1278 AM (LPAM)	1278	Pinehurst Junior School, Beech Ave, Swindon SN2 1JT			
	Premier Christian Radio	1305 1332 1413	22 Chapter Street, London SW1P 4NP	www.premier.org.uk		v/s Klaus Marx (2002)
	Pulse 2	1278 1530	Forster Square, Bradford, West Yorkshire BD1 5NE			
	Radio Pulse (LPAM)	1350	Alexandra Hospital, Wodrow Drive, Redditch B98 7UB	www.hospitalradiopulse.com		v/s Tim Reddish, Vice Chairman (2001)
	Queen's Radio (LPAM)	1134	Queen's Students' Union, University Road, Belfast, BT7 1NF	www.queensradio.org	studio@queensradio.org	
	Radio RamAir (LPAM)	1350	Bradford University, Richmond Road, Bradford BD7 1DP	www.ramair.co.uk	studio@ramair.co.uk	
	Raw Radio Warwick (LPAM)	1251	Students' Union, University of Warwick, Coventry CV4 7AL			

Country	Station	Frequencies	Address	Web site	e-mail	QSL policy
	RED (LPAM)	1404	C/o Students Union, University of Essex, Wivenhoe Park, Colchester, CO4 3SQ	www.essexstudent.com		v/s Margarida S via red@essex.ac.uk (2008)
	Radio Redhill (LPAM)	1431	East Surrey Hospital, Three Arch Rd, Redhill, Surrey RH1 5RH	www.radioedhill.co.uk		
	Radio Rovers (RSL)	1404	C/o B.R.F.C., Ewood Park, Blackburn, Lancashire	www.gjmedia.co.uk/rrovers.htm		
	Radio Royal (LPAM)	1287	Radio Royal, Falkirk & District Royal Infirmary, 1 Majors Loan, Falkirk FK1 5QE	www.radioroyal.org	enquiries@radioroyal.org	
	Sabras Radio	1260		www.sabrasradio.com		
	Signal Gold 1170	1170	67-73 Stoke Rd, Stoke-on-Trent ST4 2SR			
	Signal 2	1170	Stoke Rd, Stoke-on-Trent ST4 2SR	www.signalradio.com		
	Solar AM (LPAM)	1287	St.Helens College, Water Street, St.Helens, Merseyside WA10 1PZ			v/s Terry Broughton, Asst. Station Manager (2001)
	Source Radio Coventry (LPAM)	1431	Coventry University Students' Union, Priory Street, Coventry, CV1 5FJ	www.sourceradio.co.uk	studio@sourceradio.co.uk	
	Spectrum Radio	558 1260	International Radio Centre, 4 Ingate Place, London SW8 3NS	www.spectrumradio.net		
	Sunrise Radio	1458	Sunrise House, Sunrise Rd, Southall, Middx. UB2 4AU	www.sunriseradio.com		v/s Rekha Kaul, PA to the Chairman (2004)
	Sunshine Radio	855	Unit 11, Burway Trading Estate, Bromfield Road, Ludlow, Shropshire, SY8 1EN		sunshine855@ukonline.co.uk	v/s Nick Jones, Programme Director
	Surge (LPAM)	1287	Southampton University, Glen Eyre Hall, Basset, Southampton SO16 3UF			v/s David Holroyd (1999)
	Swansea Sound	1170	P.O. Box 1170, Victoria Rd, Gowerton, Swansea SA4 3AB	www.swanseasound.co.uk		v/s Mike Winson, Chief engineer, mike.winson@swanseasound.co.uk (1999)
	TalkSPORT	1053 1071 1089 1107	18 Hatfields, London SE1 8DJ	www.talksport.net		v/s Bill Ridley (1999)
	Taunton School Radio (LPAM)	1449	c/o Simon Smith, Taunton School, Taunton, Somerset TA2 6AD	www.tauntonschoolam.com		
	Radio Tay	1161 1584	6 North Isla Street, Dundee DD3 7JQ	www.radiotay.co.uk		
	The Cat (LPAM)	1251	Warrington Collegiate Institute, Crab Lane, Warrington WA2 0DB		studio@thecat1251@hotmail.co.uk	
	The Hub (LPAM)	1449	PO Box 2352, Bristol BS1 9NX	www.hubradio.co.uk	hubpresenters@gmail.com	
	Traffic Radio (LPAM)	1386				
	Trust AM (LPAM)	1278	Blyth Rd, Workop S80 0BD	www.trustam.com		
	Radio Tyneside (LPAM)	1575	Royal Victoria Hospital/Newcastle General Hospital, Westgate Rd, Newcastle upon Tyne NE4 6BE	www.radiotynteside.co.uk		v/s Dave Nicholson, Station Director (2000)
	University Radio Bath (LPAM)	1449	Students Union, University of Bath, Claverton Down, Bath BA2 7AY	http://people.bath.ac.uk	studio@bath.ac.uk	
	University Radio Falmer (LPAM)	1431	Norwich House, Univ. of Sussex, Brighton BN1 9QS	www.urfonline.com		
	University Radio Nottingham (LPAM)	1350	Portland Building, University Park, Nottingham NG7 2RD	www.urn1350.net		
	University Radio York (LPAM)	1350	c/o Vanbrugh College, University Of York, Heslington, York, YO1 5DD	http://ury.york.ac.uk/		v/s James Brookes, programme controller (2000)
	Victoria Radio Network (LPAM)	1287	PO Box 1287, Kirkcaldy KY1 1ED			
	WCR AM (LPAM)	1350	Wulfrun College, Paget Road, Wolverhampton WV6 0DU			
	West Sound AM	1035	Radio House, 54a Holmsten Rd, Ayr KA7 3BE	www.west-sound.co.uk		
	Radio Wannu	999	Radio for Development, 55 Grange Road, London SE1 3BH		info@rfd.org.uk	
	Radio West Suffolk (LPAM)	1350	West Suffolk Hospital, Bury St. Edmunds IP33 2QZ	www.radiowestsuffolk.com	mail@radiowestsuffolk.com	v/s Pete Owen, Vice chairman (2002)
	WNKR	1476		http://1476.co.nr/		
	Wolverhampton Comm. Radio	828	45 Queen Street, Wolverhampton WV1 3BJ	www.wolverhampton.gov.uk/extorgs/wins0440.htm		
	World Radio Network	558	PO Box 1212, London SW8 2ZF	www.wrn.org		
	Radio XL 1296 AM	1296	KMS House, Bradford Street, Birmingham B12 0JD	www.radioxl.co.uk		
	Xtreme AM (LPAM)	1431	Union House, Singleton Park, Swansea SA2 8PP	www.xtremerradio.org		
	Radio Yare (LPAM)	1350	Northgate Hospital, Northgate Street, Great Yarmouth, Norfolk NR30 1BU, tel:+44 1493 452 452	www.hospitalradioyare.com		v/s JP Denny, Chairman (1999)
	Radio Ysbyty Glan Clwyd (LPAM)	1287	Glan Clwyd Hospital, Bodelwyddan, Rhyl, North Wales LL18 5UJ			
	Deutsche Welle	1296		www.dw-world.de		
	Radio Nederland Wereldomroep	1296		www.rnw.nl		
Vatican City State	Vatican Radio	585 1260 1530 1611	I-00120 Vatican City	www.vaticanradio.org/inglese/enindex.htm		
Yemen	Radio Sana'a National px	711 760v 1008 1071 1080 1188	Technical Department, P.O. Box 2371, Sana'a			
	Radio Aden	792 837	Technical Department, P.O. Box 2222, Al-Tawahi, Aden			
	YRTC	909	PO Box 3263, Sana'a		yradio@y.net.ye	
Zambia	ZNBC Radio One	729		www.znbc.co.zm/radio_guide.htm		
	ZNBC Radio Two	927		www.znbc.co.zm/radio_guide.htm		

LW/MW PROGRAMME GUIDE

key

time (utc)	Station	type	languages	programme name	frequency
Monday					
0513-0549	Rai 1	<i>culture</i>	Italian	Italia: Istruzioni per l'uso	various
0810-0830	Deutschlandfunk	<i>current affairs</i>	German	Europa Heute	153-207-549-756-855-1269-1422
0842	RNE 5	<i>science</i>	Spanish	Ciencia al cubo	various
0900-1100	Radio 5 Nostalgia	<i>music</i>	Dutch	Toppers van toen	747
0933	Voice of Russia	<i>media</i>	Russian	Programme Club DX	612 972 999 1170 1377
1000-1030	Rai 3	<i>science</i>	Italian	Radio 3 Scienza	846
1230-1300	France Inter	<i>history</i>	French	2000 ans d'histoire	162
1550-1600	România Actualități	<i>technology</i>	Romanian	IT mania	various
1845	Voice of Russia	<i>media</i>	Russian	Programme Club DX	630 648 999 1026 1089 1170 1431 1503
2000-2200	RTBFi	<i>music</i>	French	Classic 21 Blues	621
2100-2200	Moray Firth Radio	<i>music</i>	English	James Munro	1107
2100-2200	Big L	<i>music</i>	English	Wolfman Jack	1395
2105-2150	Deutschlandfk	<i>music</i>	German	Rock et cetera	153-207-549-756-855-1269-1422
2155	Radio Pretoria	<i>music</i>	Afrikaans	Volksliedere	1584
2200-2300	RTL	<i>music</i>	French	La collection Georges Lang	234
Tuesday					
0513-0549	Rai 1	<i>culture</i>	Italian	Italia: Istruzioni per l'uso	various
0810-0830	Deutschlandfk	<i>current affairs</i>	German	Europa Heute	153-207-549-756-855-1269-1422
0842	RNE 5	<i>science</i>	Spanish	Ciencia al cubo	various
0900-1100	Radio 5 Nostalgia	<i>music</i>	Dutch	Toppers van toen	747
1000-1030	Rai 3	<i>science</i>	Italian	Radio 3 Scienza	846
1230-1300	France Inter	<i>history</i>	French	2000 ans d'histoire	162
1232	BBC WS	<i>tech</i>	English	Digital Planet	648
1930	RTÉ Radio 1	<i>music</i>	English	The John Creedon Show	252
2100-2200	RNE 5	<i>tech</i>	Spanish	5.0	various
2100-2200	Big L	<i>music</i>	English	Wolfman Jack	1395

2155	Radio Pretoria	<i>music</i>	Afrikaans	Volksliedere	1584
2200-2300	RTL	<i>music</i>	French	La collection Georges Lang	234

Wednesday

0513-0549	Rai 1	<i>culture</i>	Italian	Italia: Istruzioni per l'uso	various
0810-0830	Deutschlandfunk	<i>current affairs</i>	German	Europa Heute	153-207-549-756-855-1269-1422
0842	RNE 5	<i>science</i>	Spanish	Ciencia al cubo	various
0900-1100	Radio 5 Nostalgia	<i>music</i>	Dutch	Toppers van toen	747
1000-1030	Rai 3	<i>science</i>	Italian	Radio 3 Scienza	846
1230-1300	France Inter	<i>history</i>	French	2000 ans d'histoire	162
1232	BBC WS	<i>science</i>	English	Discovery	648
1330-1400	BBC Radio 4	<i>media</i>	English	The Media Show	198
1400	Radio Nezalezhnist	<i>music</i>	Ukrainian	Зірковий п'єдестал	1467 (Ukrainian music)
1535-1600	Deutschlandfunk	<i>science</i>	German	Forschung aktuell	153-207-549-756-855-1269-1422
1930	RTÉ Radio 1	<i>music</i>	English	The John Creedon Show	252
2100-2200	Big L	<i>music</i>	English	Wolfman Jack	1395
2155	Radio Pretoria	<i>music</i>	Afrikaans	Volksliedere	1584
2200-2300	RTL	<i>music</i>	French	La collection Georges Lang	234

Thursday

0513-0549	Rai 1	<i>culture</i>	Italian	Italia: Istruzioni per l'uso	various
0745	Médi1	<i>technology</i>	French	Ciel et Espace	171
0810-0830	Deutschlandfunk	<i>current affairs</i>	German	Europa Heute	153-207-549-756-855-1269-1422
0842	RNE 5	<i>science</i>	Spanish	Ciencia al cubo	various
0900-1100	Radio 5 Nostalgia	<i>music</i>	Dutch	Toppers van toen	747
1000-1030	Rai 3	<i>science</i>	Italian	Radio 3 Scienza	846
1230-1300	France Inter	<i>history</i>	French	2000 ans d'histoire	162
2100-2200	Big L	<i>music</i>	English	Wolfman Jack	1395
2155	Radio Pretoria	<i>music</i>	Afrikaans	Volksliedere	1584
2200-2300	RTL	<i>music</i>	French	La collection Georges Lang	234

Friday

0513-0549	Rai 1	<i>culture</i>	Italian	Italia: Istruzioni per l'uso	various
0810 (utc)	RTBFi	<i>media</i>	French	Intermedias	621
0810-0830	Deutschlandfunk	<i>current affairs</i>	German	Europa Heute	153-207-549-756-855-1269-1422
0900-1100	Radio 5 Nostalgia	<i>music</i>	Dutch	Toppers van toen	747

0842	RNE 5	<i>science</i>	Spanish	Ciencia al cubo	various
1000-1030	Rai 3	<i>science</i>	Italian	Radio 3 Scienza	846
1230-1300	France Inter	<i>history</i>	French	2000 ans d'histoire	162
1232	BBC WS	<i>science</i>	English	Science in action	648
1405	Radio Verona	<i>music</i>	Italian	Top Ten Italia	1584
1550-1600	România Actualități	<i>technology</i>	Romanian	IT mania	various
2100-2200	Big L	<i>music</i>	English	Wolfman Jack	1395
2155	Radio Pretoria	<i>music</i>	Afrikaans	Volksliedere	1584
2200-2300	RTL	<i>music</i>	French	La collection Georges Lang	234

Saturday

0513-0549	Rai 1	<i>culture</i>	Italian	Italia: Istruzioni per l'uso	various
0632	BBC WS	<i>current affairs</i>	English	The Interview	648
0905	RTBFi	<i>current affairs</i>	French	Une semaine pas banale	621
0905-1000	Deutschlandfunk	<i>music</i>	German	Klassik-Pop-et cetera	153-207-549-756-855-1269-1422
0942	RNE 5	<i>science</i>	Spanish	Ciencia al cubo	various
1005	Radio Verona	<i>music</i>	Italian	Top Ten Italia	1584
1007-1200	Antena 1	<i>current affairs</i>	Portuguese	Hotel Babilonia	630 666 720 756 1287
1008	NRK P1	<i>music</i>	Norwegian	Popquiz	153 630 675 1485
1132-1259	Rai 1	<i>science</i>	Italian	Fantasticamente	various
1230-1257	BBC Radio 4	<i>comedy</i>	English	The now show	198
1300	Radio Cluj	<i>music</i>	Romanian	Top 10 Radio Cluj	909 1404 1593
1600-1800	Magic AM	<i>music</i>	English	Dave Campbell 80's Magic	990 1305 1548
1605-1630	Deutschlandfunk	<i>media</i>	German	Markt und Medien	153-207-549-756-855-1269-1422
1900-2200	Absolut Radio	<i>music</i>	English	Absolute Classic Rock Party	1197 1215 1233 1242 1260
2105	Radio Vitoria	<i>music</i>	Spanish	Gure Musika	1197 1602 (Basque music)
2155	Radio Pretoria	<i>music</i>	Afrikaans	Volksliedere	1584
2200-2400	Radio Sim	<i>music</i>	Portuguese	Casa de Fados	576 594 891 927 963 981 1251

Sunday

0513-0549	Rai 1	<i>culture</i>	Italian	Italia: Istruzioni per l'uso	various
0905	Radio Verona	<i>music</i>	Italian	Top Ten Italia	1584
0942	RNE 5	<i>science</i>	Spanish	Ciencia al cubo	various
1000-1100	Radio Vlaanderen Info	<i>current affairs</i>	Flemish	Vlamingen in de wereld	927
1000-1100	Europe 1	<i>comedy</i>	French	C'est quoi ce bordel	183
1000-1200	Manx Radio	<i>language & culture</i>	English	Moghrey Jedoonee	1368

1007-1100	Antena 1	<i>culture</i>	Portuguese	O amor é	630 666 720 756 1287
1105-1140	Radio Studio X	<i>media</i>	Italian	Studio DX	1584
1303	NRK P1	<i>music</i>	Norwegian	Norsk på norsk	153 630 675 1485 (Norwegian music)
1700	Gold	<i>music</i>	English	60s Sunday with Dean Martin	various
1800-1900	Downtown Radio	<i>music</i>	English	All Time Country Hits	1026
1900-2100	Celtic Music Radio	<i>music</i>	English	The Mary K Burke Show	1530
1932	BBC WS	<i>science</i>	English	Health check	648
2100-2200	LBC News 1152	<i>celebrity</i>	English	In conversation with...	1152
2200-2300	RTL	<i>music</i>	French	L'heure du Jazz	234
2200-2400	Radio Sim	<i>music</i>	Portuguese	Casa de Fados	576 594 891 927 963 981 1251

THE BEST LW/MW INTERNET LINKS

1. Lists

Euro-African Medium Wave Guide	http://www.emwg.info/	
Pacific-Asian Log	http://www.radioheritage.net/PAL.asp	EMWG's counterpart for S&SE Asia and Pacific; Recommended!
BCB DX Logbook	http://www.amlogbook.com/	MW list of USA and Canadian stations
UK LPAM list	http://www.dxradioco.uk/lpam	
New Zealand MW Station List	http://radiodx.com/	
X-band stations from North America	http://www.dxing.info/lists/x_na.dx	The most up-to-date list of X-band stations
MW Offset list	http://www.myradiobase.de/mediumwave/mwoffset.txt	List of MW stations that broadcast outside of their nominal frequency
UK Transmitter Maps	http://www.mediumwaveradio.com	maps of all UK MW transmitters by Mark Hattam
Overview of current and former Dutch MW stations	http://www.middengolf.info	excellent page - in the Dutch language
QIP - the QSL Information Pages for BC-DX'ers	http://www.schoechi.de/qip.html	the best place for information on QSLs from MW (and SW) stations
Eike Bierwirth's Shortwave Transmissions	http://www.eibispace.de	Not LW/MW but excellent resource for SW

2. News

Ydun M. Ritz' MW news	http://mediumwave.info	
The AM Stereo Page	http://www.amstereoradio.com/	All you ever wanted to know about AM stereo

3. Publications & clubs

Medium Wave Circle	http://www.mwcircle.org	excellent UK based MW club
Long Distance Medium Wave Listening	http://www.rnw.nl/realradio/practical/html/longdistan-cemw.html	the pre-eminently starting guide by Steve Whitt

4. MW Antennas

Grahn	http://www.grahn-spezialantennen.de	
BAZ Spezialantennen	http://www.spezialantennen.com	
PK's Loop Antennas	http://www.amradioantennas.com/	
Hard-Core-DX Loop antennas	http://www.hard-core-dx.com/nordicdx/antenna/loop/index.html	all on this type of antenna
How to build an MW antenna	http://www.radiobloemendaal.nl/AM_antenne.asp	excellent paper in the Dutch language

5. Other interesting sites

Old Swedish long and medium wave transmitters	http://hem.passagen.se/longwave/?noframe/	
Radio Jamming	http://www.radiojamming.info/	interesting site on jamming in the radio history

ACKNOWLEDGEMENTS

Without a number of faithful collaborators, this list would not have been possible to make.

I would especially like to thank these collaborators for their great help:

The Medium Wave Circle, Russian DX League, Benelux DX Club, A-DX Mailing list, and many more.