

# LONG WAVE BROADCAST STATIONS:

This list was compiled for the benefit of NDB enthusiasts, because not only are BC stations useful propagation indicators, but it's also useful to know what frequencies to avoid when trying to find some of the beacons, which operate at the lower end of the band. No claims are made for this being a 'definitive' list, though it should be reasonably up to date. Many stations shut down their transmitters for a few hours during local nighttime; and this list can help with the identification of some of the transmitters, or show clear channels on which NDB enthusiasts might be able to hear beacons operating. In some parts of the world LW broadcasters are a rare sight, so in those cases hearing a LWBC station can be a useful warning indicator for possible open propagation paths.

Where known, the websites of the various stations have been listed in Section Four, most of the information should be fairly accurate, but stations do change from time to time, and any corrections or up to date information would be very much appreciated. The list itself is divided into four separate sections, **Section One** covers Europe, Africa and the Middle East, **Section Two** the Far East, Asia and the Pacific, **Section Three** is a master frequency list of all frequencies together, and **Section Four** is a list of websites belonging to the various broadcasters:

## SECTION ONE:

### EUROPE, AFRICA, NEAR & MIDDLE EAST:

kHz:	Location:	Country:	Power:	Station:	Hours:(utc)
153.0	Bechar	Algeria	2x1000 kW	ENRS1	24H
153.0	Donebach	Germany	500 kW	DLF	24H
153.0	Ingoy	Norway	100 kW	NRK	24H
153.0	Brasov	Romania	1200 kW	R.Romania Actualitati	24H
153.0	Taldom	Russia	300 kW	Radio Yunost	0300-2200
162.0	Allouis	France	2000/1000 kW	France Inter	24H
162.0	Ufa	Russia	150 kW	Regional	0100-2000
162.0	Agri	Turkey	1000 kW	TRT1 + Regional	0300-2300
171.0	Walcheren Zeeland	Netherlands			planned
171.0	Nador	Morocco	2000 kW	R.Mediterranee	0500-0100
171.0	Tbilisskaya	Russia	1200 kW	R.Chechnya Svoboda	Various
177.0	Zehlendorf	Germany	500 kW	DLRB	24H
180.0	Polati	Turkey	1200 kW	TRT1	0300-2300
183.0	Saarlouis	Germany	2000 kW	Europe 1	24H
189.0	Tblisi	Georgia	500 kW	GR1	0100-2130
189.0	Caltanissetta	Italy	10 kW	RAI1	0600-2400
189.0	Gufuskalar	Iceland	300 kW	RAS1/2	24H
198.0	Ouargla	Algeria	2x1000 kW	ENRS1	24H
198.0	Burghead	Scotland	50 kW	BBC R4/World Service	24H
198.0	Droitwich	England	500 kW	BBC R4/World Service	24H
198.0	Westerglen	Scotland	50 kW	BBC R4/World Service	24H
198.0	Raszyn	Poland	600 kW	R.BIS	24H
198.0	Noginsk	Russia	150 kW	R.Mayak	0300-2200
198.0	Olgino	Russia	150 kW	R.Mayak	0300-2200
198.0	Ufa	Russia	150 kW	R.Mayak	0100-2000
198.0	Etimesgut	Turkey	120 kW	TRT1	0300-2300
207.0	Aholming	Germany	500/250 kW	DLF	24H
207.0	Eidar	Iceland	100 kW	RAS1/2	24H
207.0	Al Karanah	Jordan	600 kW	JRC	24H
207.0	Azilal	Morocco	800 kW	RTM	24H
207.0	Kyyiv	Ukraine	500 kW	UR1	0329-2300
216.0	Roumoules	France	1400 kW	RMC	24H
216.0	Oslo	Norway	1200 kW		planned
225.0	Solec Kujawski	Poland	1000 kW	PR1	24H
225.0	Van	Turkey	600 kW	TRT1 + Regional	0300-2300
234.0	Gavar	Armenia	500 kW	Voiceof Armenia	24H
234.0	Junglinster	Luxembourg	2000 kW	RTL	24H
243.0	Kalundborg	Denmark	300 kW	P1	0433-2330

243.0	Erzurum	Turkey	200 kW	TRT1 + Regional	0300-2300
252.0	Tipaza	Algeria	1500/750 kW	ENRS3/4	24H
252.0	Yerevan	Armenia	150 kW	R.Liberty	24H
252.0	Clarkestown	Ireland	500/100 kW	RTE	24H
252.0	Kazan	Russia	150 kW	R.Rossii/Regional	0200-2200
261.0	Sofia	Bulgaria	40 kW	Horizont	24H
261.0	Burg	Germany	50 kW		inactive
261.0	Taldom	Russia	2500 kW	R.Rossii	0200-2200
270.0	Uherske-Hradiste	Czech Republic	750 kW	Radiozurnal	24H
270.0	Orenburg	Russia	50 kW	R.Rossii/Regional	0000-2000
279.0	Sasnovy	Belarus	500 kW	BR1	0400-2300
279.0	Ramsey Bay	Isle of Man	500/100 kW	Musicmann 279	planned
279.0	Yekaterinburg	Russia	150 kW	R.Rossii/Regional	0000-2000

## SECTION TWO:

### EAST ASIA & PACIFIC:

kHz:	Location:	Country:	Power:	Station:	Hours:(utc)
153.0	Komsomolsk, Far East	Russia	1200 kW	R.Rossii	2000-1600
162.0	Ulaanbaatar	Mongolia	100 kW	MRTV	2200-1600
162.0	Tashkent	Uzbekistan	150 kW	UZR1	0000-2100
162.0	Norilsk, Siberia	Russia	150 kW	R.Rossii/Regional	2200-1800
171.0	Oyash, Siberia	Russia	250 kW	R.Rossii/Regional	2200-1800
171.0	Yakutsk, Siberia	Russia	150 kW	R.Rossii/Regional	2000-1600
180.0	Petropavlovsk	Russia	150 kW	R.Rossii/Regional	1800-1400
180.0	Chita, Siberia	Russia	1200 kW	R.Rossii/Regional	2000-1600
189.0	Belogorsk, Far East	Russia	1200 kW	R.Rossii/Regional	2000-1600
207.0	Dalanzadgad, Gobi	Mongolia	150 kW	MRTV	2200-1600
207.0	Choibalsan, Amiak	Mongolia	150 kW	MRTV	2200-1600
207.0	Ulgii, Bayan-Ulgii	Mongolia	60 kW	MRTV	2200-1600
207.0	Tynda, Far East	Russia	150 kW	R.Mayak	2100-1600
216.0	Krasnoyarsk, Siberia	Russia	150 kW	R.Rossii/Regional	2200-1800
225.0	Surgut, Siberia	Russia	1000 kW	R.Rossii/Regional	0000-2000
227.0	Altai, Gobi	Mongolia	150 kW	MRTV	2200-1600
234.0	Angarsk, Siberia	Russia	1000 kW	R.Rossii/Regional	2200-1800
234.0	Arman, Far East	Russia	1000 kW	R.Rossii/Regional	1800-1400
243.0	Razdolnoye, Far East	Russia	500 kW	R.Rossii/Regional	2000-1600
252.0	Yangiyul	Tajikistan	150 kW	TR1	0500-1600
261.0	Chita, Siberia	Russia	150 kW	R.Mayak	2100-1600
270.0	Novosibirsk, Siberia	Russia	150 kW	R.Rossii/Regional	0200-1800
279.0	Yuzhno-Sakhalinsk	Russia	1000 kW	R.Rossii/Regional	1800-1300
279.0	Selenginsk, Siberia	Russia	150 kW	R.Rossii/Regional	2200-2100
279.0	Gorno-Altaysk, Siberia	Russia	50 kW	R.Rossii/Regional	2200-1800
279.0	Asgabat	Turmenistan	150 kW	TMR1	?

## SECTION THREE:

### FULL LIST OF WORLDWIDE LW BROADCASTERS:

kHz:	Location:	Country:	Power:	Station:	Hours:(utc)
153.0	Bechar	Algeria	2x1000 kW	ENRS1	24H
153.0	Donebach	Germany	500 kW	DLF	24H
153.0	Ingoy	Norway	100 kW	NRK	24H
153.0	Brasov	Romania	1200 kW	R.Romania Actualitati	24H
153.0	Taldom	Russia	300 kW	Radio Yunost	0300-2200
153.0	Komsomolsk, Far East	Russia	1200 kW	R.Rossii	2000-1600
162.0	Allouis	France	2000/1000 kW	France Inter	24H
162.0	Ufa	Russia	150 kW	Regional	0100-2000
162.0	Agri	Turkey	1000 kW	TRT1 + Regional	0300-2300
162.0	Ulaanbaatar	Mongolia	100 kW	MRTV	2200-1600
162.0	Tashkent	Uzbekistan	150 kW	UZR1	0000-2100

162.0	Norilsk, Siberia	Russia	150 kW	R.Rossii//Regional	2200-1800
171.0	Walcheren Zeeland	Netherlands			planned
171.0	Nador	Morocco	2000 kW	R.Mediterranee	0500-0100
171.0	Tbilisskaya	Russia	1200 kW	R.Chechnya Svoboda	Various
171.0	Oyash, Siberia	Russia	250 kW	R.Rossii/Regional	2200-1800
171.0	Yakutsk, Siberia	Russia	150 kW	R.Rossii/Regional	2000-1600
177.0	Zehlendorf	Germany	500 kW	DLRB	24H
180.0	Polati	Turkey	1200 kW	TRT1	0300-2300
180.0	Petropavlovsk	Russia	150 kW	R.Rossii/Regional	1800-1400
180.0	Chita, Siberia	Russia	1200 kW	R.Rossii/Regional	2000-1600
183.0	Saarlouis	Germany	2000 kW	Europe 1	24H
189.0	Tblisi	Georgia	500 kW	GR1	0100-2130
189.0	Caltanissetta	Italy	10 kW	RAI1	0600-2400
189.0	Gufuskalar	Iceland	300 kW	RAS1/2	24H
189.0	Belogorsk, Far East	Russia	1200 kW	R.Rossii/Regional	2000-1600
198.0	Ouargla	Algeria	2x1000 kW	ENRS1	24H
198.0	Burghead	Scotland	50 kW	BBC R4/World Service	24H
198.0	Droitwich	England	500 kW	BBC R4/World Service	24H
198.0	Westerglen	Scotland	50 kW	BBC R4/World Service	24H
198.0	Raszyn	Poland	600 kW	R.BIS	24H
198.0	Noginsk	Russia	150 kW	R.Mayak	0300-2200
198.0	Olgino	Russia	150 kW	R.Mayak	0300-2200
198.0	Ufa	Russia	150 kW	R.Mayak	0100-2000
198.0	Etimesgut	Turkey	120 kW	TRT1	0300-2300
207.0	Aholming	Germany	500/250 kW	DLF	24H
207.0	Eidar	Iceland	100 kW	RAS1/2	24H
207.0	Al Karanah	Jordan	600 kW	JRC	24H
207.0	Azilal	Morocco	800 kW	RTM	24H
207.0	Kyyiv	Ukraine	500 kW	UR1	0329-2300
207.0	Dalanzadgad, Gobi	Mongolia	150 kW	MRTV	2200-1600
207.0	Choibalsan, Amiak	Mongolia	150 kW	MRTV	2200-1600
207.0	Ulgii, Bayan-Ulgii	Mongolia	60 kW	MRTV	2200-1600
207.0	Tynda, Far East	Russia	150 kW	R.Mayak	2100-1600
216.0	Roumoules	France	1400 kW	RMC	24H
216.0	Oslo	Norway	1200 kW	planned	
216.0	Krasnoyarsk, Siberia	Russia	150 kW	R.Rossii//Regional	2200-1800
225.0	Solec Kujawski	Poland	1000 kW	PR1	24H
225.0	Van	Turkey	600 kW	TRT1 + Regional	0300-2300
225.0	Surgut, Siberia	Russia	1000 kW	R.Rossii/Regional	0000-2000
227.0	Altai, Gobi	Mongolia	150 kW	MRTV	2200-1600
234.0	Gavar	Armenia	500 kW	Voiceof Armenia	24H
234.0	Junglinster	Luxembourg	2000 kW	RTL	24H
234.0	Angarsk, Siberia	Russia	1000 kW	R.Rossii/Regional	2200-1800
234.0	Arman, Far East	Russia	1000 kW	R.Rossii/Regional	1800-1400
243.0	Kalundborg	Denmark	300 kW	P1	0433-2330
243.0	Erzurum	Turkey	200 kW	TRT1 + Regional	0300-2300
243.0	Razdolnoye, Far East	Russia	500 kW	R.Rossii/Regional	2000-1600
252.0	Tipaza	Algeria	1500/750 kW	ENRS3/4	24H
252.0	Yerevan	Armenia	150 kW	R.Liberty	24H
252.0	Clarkestown	Ireland	500/100 kW	RTE	24H
252.0	Kazan	Russia	150 kW	R.Rossii/Regional	0200-2200
252.0	Yangiyul	Tajikistan	150 kW	TR1	0500-1600
261.0	Sofia	Bulgaria	40 kW	Horizont	24H
261.0	Burg	Germany	50 kW		inactive
261.0	Taldom	Russia	2500 kW	R.Rossii	0200-2200
261.0	Chita, Siberia	Russia	150 kW	R.Mayak	2100-1600
270.0	Uherske-Hradiste	Czech Republic	750 kW	Radiozurnal	24H
270.0	Orenburg	Russia	50 kW	R.Rossii/Regional	0000-2000
270.0	Novosibirsk, Siberia	Russia	150 kW	R.Rossii/Regional	0200-1800
279.0	Sasnovy	Belarus	500 kW	BR1	0400-2300
279.0	Ramsey Bay	Isle of Man	500/100 kW	Musicmann 279	planned
279.0	Yekaterinburg	Russia	150 kW	R.Rossii/Regional	0000-2000
279.0	Yuzhno-Sakhalinsk	Russia	1000 kW	R.Rossii/Regional	1800-1300
279.0	Selenginsk, Siberia	Russia	150 kW	R.Rossii/Regional	2200-2100
279.0	Gorno-Altaysk, Siberia	Russia	50 kW	R.Rossii/Regional	2200-1800
279.0	Asgabat	Turmenistan	150 kW	TMR1	?

## SECTION FOUR:

### WEBSITES COVERING LW BROADCASTERS:

Algeria:	MRTV	<a href="http://www.algerian-radio.dz">http://www.algerian-radio.dz</a>
Armenia:	Armenian Radio	<a href="http://www.armradio.am">http://www.armradio.am</a>
Belarus:	Radyjo Adzin	<a href="http://www.tvr.by">http://www.tvr.by</a>
Bulgaria:	BNR	<a href="http://www.nationalradio.bg">http://www.nationalradio.bg</a>
Czech Republic:	Radiozurnal	<a href="http://www.rozhlas.cz">http://www.rozhlas.cz</a>
Denmark:	DP Radio	<a href="http://www.dr.dk">http://www.dr.dk</a>
France:	Europe 1	<a href="http://www.europe1.fr">http://www.europe1.fr</a>
France:	RMC	<a href="http://www.rmcfinfo.fr">http://www.rmcfinfo.fr</a>
Germany:	DLF	<a href="http://www.dradio.de">http://www.dradio.de</a>
Germany:	DLRB	<a href="http://www.dradio.de">http://www.dradio.de</a>
Iceland:	RAS1	<a href="http://www.ruv.is">http://www.ruv.is</a>
Isle of Man:	Musicmann 279	<a href="http://www.longwaveradio.com">http://www.longwaveradio.com</a>
Jordan:	Radio Jordan	<a href="http://www.jrtv.com">http://www.jrtv.com</a>
Luxembourg:	RTL	<a href="http://www.clt-ufa.com">http://www.clt-ufa.com</a>
	RTL German:	<a href="http://www.rtlradio.de">http://www.rtlradio.de</a>
	RTL French:	<a href="http://www.rtl2.fr">http://www.rtl2.fr</a>
	RTL Letzebuerg:	<a href="http://www.rtl.lu">http://www.rtl.lu</a>
Mongolia:	MRTV	<a href="http://www.magicnet.mn/monradio">http://www.magicnet.mn/monradio</a>
Morocco:	RMI	<a href="http://www.medi1.com">http://www.medi1.com</a>
Morocco:	RTM	<a href="http://www.maroc.net/rc">http://www.maroc.net/rc</a>
Norway:	NRK	<a href="http://www.nrk.no">http://www.nrk.no</a>
Poland:	Polskie Radio	<a href="http://www.radio.com.pl">http://www.radio.com.pl</a>
Romania:	SRR	<a href="http://www.srr.ro">http://www.srr.ro</a>
Russia:	Radio Rossii	<a href="http://www.radiorus.ru">http://www.radiorus.ru</a>
Russia:	Radio Mayak	<a href="http://www.radiomayak.ru">http://www.radiomayak.ru</a>
Ukraine:	NRU	<a href="http://www.nrcu.gov.ua">http://www.nrcu.gov.ua</a>
United Kingdom:	BBC	<a href="http://www.bbc.co.uk">http://www.bbc.co.uk</a>
Uzbekistan:	O'Zteleradio	<a href="http://www.teleradio.uz">http://www.teleradio.uz</a>

Updates and corrections can be sent to: [beacons at beaconworld.org.uk](mailto:beacons@beaconworld.org.uk)

**Version 1.1 July 2005**

© NDB List 2005