



**BABANI PRESS No.4**

**WORLD'S SHORT  
MEDIUM & LONG  
WAVE FM & TV  
BROADCASTING  
STATIONS LISTING**

**BY B. B. BABANI**

**Revised INTERNATIONAL EDITION  
with more than 1600 new additions**

**60p**



**WORLD'S SHORT  
MEDIUM & LONG  
WAVE FM & TV  
BROADCASTING  
STATIONS LISTING**

**BY**

**B. B. BABANI**

**BABANI PRESS**

The Publishing Division of  
Babani Trading and Finance Co Limited  
The Gramplans  
Shepherds Bush Road  
London W6 7NF

## CONTENTS

European Long Wave AM Radio Stations . . . . .	3
European Near East and North African Medium Wave AM Stations . . . . .	3
The World's Short Wave AM Radio Stations . . . . .	12
FM/VHF Stations of Europe over 20kW . . . . .	52
Television Stations of Europe receivable in Gt. Britain . . . . .	63
Channel Frequencies (Vision) . . . . .	64
Recommended U.S. Postal Abbreviations for State Names . . . . .	64
Abbreviations for Canadian Provinces and Terri- tories . . . . .	64
Broadcast Band Radio Stations in the U.S.A. . . . . (Data based on information supplied by the FCC)	65
Broadcast Band Radio Stations in Canada . . . . .	86
British Local Radio Stations - BBC and Independent . . . . .	94

I.S.B.N. 0 85934 019 8

First Edition © 1971  
Second Edition © 1972  
Third Edition © 1974

First Published December 1971  
2nd Edition June 1972  
2nd Edition - 1st Reprint Nov. 1972  
2nd Edition - 2nd Reprint June 1973  
3rd Edition - Enlarged July 1974  
3rd Edition - 1st Reprint April 1975

Printed in Great Britain  
C. Nicholls & Company Ltd.

EUROPEAN LONG WAVE AM RADIO STATIONS

Station	Country	Metres	Kc/s	KW
Mainflingen	W. Germany	1987	151	60
Moscow	U.S.S.R.	1935	155	50
Tromso	Norway	1935	155	10
Brasov	Romania	1935	155	1200
Allouis	France	1829	164	1000
Moscow	U.S.S.R.	1734	173	500
Munich	W. Germany	1734	173	1000
Saarlouis	W. Germany	1666	180	1000
Ankara	Turkey	1648	182	240
Lulea	Sweden	1648	182	10
Oranienburg	E. Germany	1622	185	750
Tbilisi	U.S.S.R.	1571	191	50
Motala	Sweden	1571	191	600
Leningrad	U.S.S.R.	1500	200	100
Moscow	U.S.S.R.	1500	200	100
Droitwich	Gt. Britain	1500	200	400
Kiev	U.S.S.R.	1435	209	150
Raykjavik	Iceland	1435	209	100
Eidar	Iceland	1435	209	20
Oslo	Norway	1376	218	200
Monte Carlo	Monaco	1376	218	1200
Baku	U.S.S.R.	1376	218	50
Warsaw	Poland	1322	227	500
Luxembourg	Luxembourg	1293	232	1100
Leningrad	U.S.S.R.	1271	236	100
Erzerum	Turkey	1224	245	200
Kalundborg	Denmark	1224	245	150
Kazan	U.S.S.R.	1181	254	100
Lahti	Finland	1181	254	200
Magdeburg	E. Germany	1141	263	200
Moscow	U.S.S.R.	1141	263	150
Uherske	Czechoslovakia	1103	272	400
Minsk	U.S.S.R.	1068	281	100
Oulu	Finland	693	433	10

EUROPEAN, NEAR EAST AND N AFRICAN

MEDIUM WAVE AM STATIONS

Station	Country	Metres	Kc/s	KW
Beromunster	Switzerland	567	529	200
Schwerin	E. Germany	567	529	20
Constantine	Algeria	567	529	600
Budapest	Hungary	557	539	150
Oviedo	Spain	547	548	50
Braunschweig	W. Germany	547	548	750
Oran	Algeria	547	548	600
Odessa	U.S.S.R.	547	548	100
Bad Durrheim	W. Germany	547	548	25
Cairo	U.A.R.	539	557	50
Monte Ceneri	Switzerland	539	557	50
Helsinki	Finland	539	557	100
Bukarest	Romania	539	557	5
Greifswald	E. Germany	539	557	10
Athlone	Elre	530	566	100
Homs	Syria	530	566	300
Berlin	W. Germany	530	566	50
Bologna	Italy	530	566	20
Riga	U.S.S.R.	522	575	100
Jerusalem	Israel	522	575	200
Stuttgart	W. Germany	522	575	300
Leipzig	E. Germany	522	575	100
Madrid	Spain	514	584	200
Klagenfurt	Austria	514	584	25
Torshavn	Faroe Isles	514	584	10
Vienna	Austria	514	584	150
Salzburg	Austria	514	584	10
Frankfurt	W. Germany	506	593	300
Ouida	Morocco	506	593	100
Sundsvall	Sweden	506	593	150
Sofia	Bulgaria	506	593	200
Meissner	W. Germany	506	593	50

Station		Metres	kc/s	kW	Station		Metres	kc/s	kW
Nicosia	Cyprus	498	602	20	Venice	Italy	457	656	25
Karl Marx Stadt	E. Germany	498	602	10	Athens	Greece	451	665	15
Lyon	France	498	602	250	Lisbon	Portugal	451	665	135
Sfax	Tunisia	498	602	5	Damascus	Syria	451	665	70
Warnemunde	W. Germany	498	602	10	Hofn	Iceland	451	665	5
Sarajevo	Yugoslavia	491	611	100	Rohrdorf	W. Germany	451	665	300
Nurnberg	W. Germany	491	611	10	Kaunas	U.S.S.R.	451	665	100
Krasnodar	U.S.S.R.	491	611	20	Bodo	Norway	445	674	10
Berlin	E. Germany	491	611	300	El Gawarsha	Libya	445	674	100
Petrosavodsk	U.S.S.R.	491	611	100	Marseilles	France	445	674	150
Saba Aloun	Morocco	491	611	100	Chernovtsy	U.S.S.R.	445	674	100
Tenerife	Canary Isles	484	620	100	Jerusalem	Israel	443	677	100
Brussels	Belgium	484	620	150	Seville	Spain	439	683	250
Batra	U.A.R.	484	620	450	Berlin	W. Germany	439	683	100
Vila Real	Portugal	484	620	10	Belgrade	Yugoslavia	439	683	400
Timisoara	Romania	477	629	120	Hof	W. Germany	439	683	40
Tunis	Tunisia	477	629	300	Ufa	U.S.S.R.	434	692	100
Erfurt	E. Germany	477	629	10	Moorside Edge	Gt. Britain	434	692	150
Vigra	Norway	477	629	50	Suhl Wachenbrunn	E. Germany	434	692	250
Innsbruck	Austria	477	629	25	Nicosia	Cyprus	434	692	20
Corunna	Spain	471	638	100	Michelet	Algeria	434	692	5
Limassol BFN	Cyprus	471	638	100	Banska Bystrica	Czechoslovakia	428	701	100
Prague	Czechoslovakia	471	638	150	Sebaa Aloun	Morocco	428	701	140
Cukurova	Turkey	464	647	300	Andorra	Andorra	428	701	200
Daventry	Gt. Britain	464	647	150	Aachen	W. Germany	428	701	5
Tovarnic	Yugoslavia	464	647	15	Istanbul	Turkey	428	701	150
Smferopol	U.S.S.R.	464	647	100	Finmark	Norway	428	701	20
Florence	Italy	457	656	100	Prague	Czechoslovakia	428	701	30
Murmansk	U.S.S.R.	457	656	150	Flensburg	W. Germany	428	701	5
Tel Aviv	Israel	457	656	100	Calro	Egypt	422	710	100
Potsdam	E. Germany	457	656	20	Rennes	France	422	710	150
Turin	Italy	457	656	35	Zagrab	Yugoslavia	422	710	20
Bolzano	Italy	457	656	25	Donetsk	U.S.S.R.	422	710	150
Naples	Italy	457	656	120	Sfax	Tunisia	417	719	100

Station		Metres	kc/s	kW	Station		Metres	kc/s	kW
Ostersund	Sweden	417	719	150	Limoges	France	379	791	100
Limassol BFN	Cyprus	417	719	100	Sabac	Yugoslavia	379	791	5
Oporto	Portugal	417	719	100	Thessaloniki	Greece	379	791	50
Munich	W. Germany	417	719	150	Madrid	Spain	375	800	10
Athens	Greece	412	728	150	Leningrad	U.S.S.R.	375	800	100
Schwerin	E. Germany	412	728	250	Amman	Jordan	375	800	150
Klagenfurt	Austria	412	728	25	Nuremberg	W. Germany	375	800	100
Barcelona	Spain	407	737	250	Seville	Spain	371	809	10
Tel Aviv	Israel	407	737	200	Redmoss	Gt. Britain	371	809	5
Poznan	Poland	407	737	300	Berlin BFN	W. Germany	371	809	5
Cairo	Egypt	407	737	80	Crowborough	Gt. Britain	371	809	300
Akureyri	Iceland	407	737	5	Westerglen	Gt. Britain	371	809	50
Hof	W. Germany	407	737	40	Burghead	Gt. Britain	371	809	100
Hilversum	Netherlands	402	746	120	Skopje	Yugoslavia	371	809	135
Plovdiv	Bulgaria	402	746	30	Kuybyshev	U.S.S.R.	371	809	10
Cottbus	E. Germany	402	746	20	Warsaw	Poland	367	818	300
Aleppo	Syria	402	746	50	Trieste	Italy	367	818	25
Ravensburg	W. Germany	397	755	50	Andorra	Andorra	367	818	300
Lisbon	Portugal	397	755	135	Batra	Egypt	367	818	450
Timisoara	Romania	397	755	300	Oujda	Morocco	363	827	100
Brunswick	W. Germany	397	755	200	Barcelona	Spain	363	827	5
Kuopio	Finland	397	755	20	Freiburg	W. Germany	363	827	40
Odessa	U.S.S.R.	393	764	10	Sofia	Bulgaria	363	827	100
Sottens	Switzerland	393	764	400	Kharkov	U.S.S.R.	359	836	20
Cairo	Egypt	388	773	500	Nancy	France	359	836	150
San Sebastian	Spain	388	773	20	Granada	Spain	359	836	5
Sofia	Bulgaria	388	773	30	Beirut	Lebanon	359	836	100
Voronezh	U.S.S.R.	388	773	20	Ylivieska	Finland	359	836	10
Stockholm	Sweden	388	773	150	Rome	Italy	355	845	150
Miramar	Portugal	384	782	100	Murcia	Spain	351	854	125
Burg	E. Germany	384	782	250	Berlin	W. Germany	351	854	100
Damascus	Syria	384	782	200	Bucharest	Romania	351	854	150
Kiev	U.S.S.R.	384	782	100	Amman	Jordan	351	854	10
Askarakhan	U.S.S.R.	379	791	40	Paris	France	348	863	250

Station		Metres	kc/s	kW
Blagoevgrad	Bulgaria	348	863	30
Damascus	Syria	348	863	10
Erevan	U.S.S.R.	348	863	100
Zaragoza	Spain	344	872	25
Cairo	Egypt	344	872	50
Budapest	Hungary	344	872	35
Tenerife	Canary Isles	344	872	15
Frankfurt AFN	W. Germany	344	872	150
Moscow	U.S.S.R.	344	872	150
Washford	Gt. Britain	341	881	100
Berlin	E. Germany	341	881	100
Titograd	Yugoslavia	341	881	50
Stavropol	U.S.S.R.	341	881	20
Towyn	Gt. Britain	341	881	5
Penmon	Gt. Britain	341	881	10
Algiers	Algeria	337	890	200
Limassol	Cyprus	337	890	8
Kristiansand	Norway	337	890	15
Uchgorod	U.S.S.R.	337	890	80
Bergen	Norway	337	890	10
Linz	Austria	337	890	15
Trondelag	Norway	337	890	10
Milan	Italy	334	899	150
London	Gt. Britain	330	908	140
Magdeburg	E. Germany	330	908	250
Madrid	Spain	327	917	20
Tetuan	Morocco	327	917	5
Reichenbach	E. Germany	327	917	10
Ljubljana	Yugoslavia	327	917	100
Zakynthos	Greece	324	926	20
Brussels	Belgium	324	926	150
Izmir	Turkey	324	926	50
Nis	Yugoslavia	324	926	15
Ivanovo	U.S.S.R.	324	926	20

Station		Metres	kc/s	kW
Lvov	U.S.S.R.	321	935	300
Agadir	Morocco	321	935	100
Magdeburg	E. Germany	321	935	250
Cairo	Egypt	321	935	5
Berlin AFN	W. Germany	321	935	10
Damascus	Syria	318	944	15
Larissa	Greece	318	944	5
Toulouse	France	318	944	100
Bor	Yugoslavia	318	944	5
Rostov	U.S.S.R.	318	944	20
Pizen	Czechoslovakia	315	953	30
Las Palmas	Canary Isles	315	953	20
Madrid	Spain	315	953	20
Brno	Czechoslovakia	315	953	100
Damascus	Syria	313	960	20
Paris	France	312	962	5
Tunis	Tunisia	312	962	100
Turku	Finland	312	962	100
Pleven	Bulgaria	312	962	25
Sao Gabriel	Portugal	309	971	80
Hannover	W. Germany	309	971	20
Smolensk	U.S.S.R.	309	971	150
Hamburg	W. Germany	309	971	250
Bonn	W. Germany	309	971	5
Gottingen	W. Germany	309	971	10
Goteborg	Sweden	306	980	150
Algiers	Algeria	306	980	200
Trieste	Italy	306	980	10
Madrid	Spain	303	989	50
Beirut	Lebanon	303	989	50
Berlin	W. Germany	303	989	300
Kishinev	U.S.S.R.	300	998	80
Heidelberg	W. Germany	300	998	10
Bilbao	Spain	300	998	5



Station		Metres	kc/s	kW	Station		Metres	kc/s	kW
Malaga	Spain	298	1007	10	Kalundborg	Denmark	283	1061	60
Belgrade	Yugoslavia	298	1007	180	Saransk	U.S.S.R.	283	1061	60
Corfu	Greece	298	1007	50	Caligare	Italy	283	1061	10
Hilversum	Netherlands	298	1007	120	Dneiropetrovsk	U.S.S.R.	280	1070	20
Baku	U.S.S.R.	295	1016	100	Paris	France	280	1070	100
Mainz	W. Germany	295	1016	300	Tartus	Syria	280	1070	25
Venice	Italy	295	1016	20	Valencia	Spain	278	1079	20
Linz	Austria	293	1025	100	Katowice	Poland	278	1079	60
Tel Aviv	Israel	293	1025	100	Plauen	E. Germany	278	1079	20
Dornbirn	Austria	293	1025	10	Koper	Yugoslavia	278	1079	5
Barcelona	Spain	293	1025	5	Orestias	Greece	278	1079	10
San Sebastian	Spain	293	1025	5	Bremen	W. Germany	278	1079	100
Graz	Austria	293	1025	100	Perm	U.S.S.R.	276	1088	20
Tel Aviv	Israel	293	1025	100	Tirana	Albania	276	1088	400
Linz	Austria	293	1025	100	Norwich	Gt. Britain	276	1088	7.5
Badajoz	Spain	293	1025	5	Droitwich	Gt. Britain	276	1088	150
Genoa	Italy	290	1034	10	Nicosia	Cyprus	276	1088	15
Lisbon	Portugal	290	1034	100	Madrid	Spain	273	1097	20
Tallinn	U.S.S.R.	290	1034	100	Bratislava	Czechoslovakia	273	1097	160
Naples	Italy	290	1034	20	San Sebastian	Spain	273	1097	6
Venice	Italy	290	1034	20	Las Palmas	Canary Isles	273	1097	10
Sebaa Aloun	Morocco	288	1043	25	Vilnius	U.S.S.R.	271	1106	100
Aye Marche	Belgium	288	1043	10	Munich AFN	W. Germany	271	1106	80
Tbilisi	U.S.S.R.	288	1043	100	Tangier	Morocco	269	1115	10
Thessaloniki	Greece	288	1043	5	Bari	Italy	269	1115	50
Dresden	E. Germany	288	1043	250	Kaliningrad	U.S.S.R.	269	1115	20
Suhl	E. Germany	285	1052	5	Pisa	Italy	269	1115	25
Start Point	Gt. Britain	285	1052	100	Bologna	Italy	269	1115	50
Tripoli	Libya	285	1052	50	Messina	Italy	269	1115	5
Puttbus	E. Germany	285	1052	10	Trieste	Italy	269	1115	6
Bucharest	Romania	285	1052	40	Beida	Libya	267	1124	1000
Tetuan	Morocco	285	1052	10	Leningrad	U.S.S.R.	267	1124	20
Dyarbakir	Turkey	283	1061	250	Barcelona	Spain	267	1124	5
Norte	Portugal	283	1061	50	Varna	Bulgaria	267	1124	10

Station		Metres	kc/s	kW	Station		Metres	kc/s	kW
Houdeng	Belgium	267	1124	10	Seville	Spain	253	1187	5
Rijeka	Yugoslavia	265	1133	20	Cuenca	Spain	253	1187	7.5
Zagreb	Yugoslavia	265	1133	135	Szombathly	Hungary	253	1187	20
Tarragona	Spain	265	1133	5	Agadir	Morocco	251	1196	20
Malaga	Spain	265	1133	5	Alexandria	Egypt	251	1196	10
Split	Yugoslavia	265	1133	50	Munich	W. Germany	251	1196	300
Seville	Spain	265	1133	5	Acree	Israel	249	1205	20
Bilbao	Spain	265	1133	5	Cracow	Poland	249	1205	60
Vigo	Spain	265	1133	5	Bordeaux	France	249	1205	100
Jaen	Spain	265	1133	5	Rzeszow	Poland	249	1205	60
Caceres	Spain	265	1133	5	Moorside Edge	Gt. Britain	247	1214	50
Zaragoza	Spain	265	1133	5	Talinn	U.S.S.R.	247	1214	200
Constantine	Algeria	263	1142	40	Tirana	Albania	247	1214	400
Stuttgart AFN	W. Germany	263	1142	10	Lisnagarvey	Gt. Britain	247	1214	10
Riga	U.S.S.R.	263	1142	50	Droitwich	Gt. Britain	247	1214	30
Bremerhaven AFN	W. Germany	263	1142	5	Washford	Gt. Britain	247	1214	60
Athens	Greece	263	1142	20	Brookmans Park	Gt. Britain	247	1214	50
Cluj	Romania	261	1151	50	Westerglen	Gt. Britain	247	1214	40
Stagshaw	Gt. Britain	261	1151	100	Kursk	U.S.S.R.	247	1214	25
Beni Suef	Egypt	260	1154	50	Burghead	Gt. Britain	247	1214	20
Strasbourg	France	259	1160	150	Madrid	Spain	245	1223	50
Kardsali	Bulgaria	259	1160	30	Stara Zagora	Bulgaria	245	1223	30
Kolarovgrad	Bulgaria	259	1160	100	Messina	Italy	245	1223	5
Kars	Turkey	258	1165	5	Falun	Sweden	245	1223	100
Kukesi	Albania	258	1166	10	Palermo	Italy	245	1223	10
Porto	Portugal	257	1169	10	Rimini	Italy	245	1223	5
Halbronn	W. Germany	257	1169	10	Limassol	Cyprus	244	1232	15
Kiev	U.S.S.R.	257	1169	100	Kosice	Czechoslovakia	244	1232	100
Odessa	U.S.S.R.	257	1169	30	Tangler	Morocco	244	1232	50
Koper	Yugoslavia	257	1169	20	Orava	Czechoslovakia	244	1232	5
Thessaloniki	Greece	255	1174	25	Bratislava	Czechoslovakia	244	1232	20
Horby	Sweden	255	1178	100	Nice	France	242	1241	20
Barcelona	Spain	255	1178	20	Kiev	U.S.S.R.	242	1241	100
Skolnuk	Hungary	253	1187	135	Lyons	France	242	1241	20

Station		Metres	kc/s	kW	Station		Metres	kc/s	kW
Vaasa	Finland	242	1241	25	Simferopol	U.S.S.R.	228	1313	50
Rennes	France	242	1241	20	Timisoara	Romania	228	1313	25
Brest	France	242	1241	20	Kharkov	U.S.S.R.	227	1322	100
Nancy	France	242	1241	20	Leipzig	E. Germany	227	1322	150
Marseilles	France	242	1241	20	Murmansk	U.S.S.R.	227	1322	50
Lille	France	242	1241	20	Genoa	Italy	225	1331	50
Tripoli	Libya	240	1250	1000	Kothlajarve	U.S.S.R.	225	1331	20
Balatonszabadi	Hungary	240	1250	135	Pescara	Italy	225	1331	25
Dublin	Eire	240	1250	10	Rome	Italy	225	1331	25
Hilversum	Netherlands	240	1250	10	Bari	Hungary	224	1340	80
Cork	Eire	240	1250	10	Budapest	Gt. Britain	224	1340	100
Rhodes	Greece	238	1259	150	Lisnagarvey	Hungary	224	1340	10
Zielona Gora	Poland	238	1259	30	Pecs	U.S.S.R.	222	1349	10
Wroclaw	Poland	238	1259	50	Madona	France	222	1349	20
Neumunster	W. Germany	236	1268	600	Toulouse	U.S.S.R.	222	1349	10
Las Palmas	Canary Isles	236	1268	15	Kuldiga	France	222	1349	20
Novi Sad	Yugoslavia	236	1268	100	Limoges	France	222	1349	20
Astorga	Spain	236	1268	5	Bordeaux	France	222	1349	20
Moscow	U.S.S.R.	235	1277	20	Grenoble	France	222	1349	10
Strasbourg	France	235	1277	100	Nantes	France	222	1349	10
Florina	Greece	235	1277	5	Riga	U.S.S.R.	222	1349	10
Assaun	Egypt	235	1277	5	Viseu	Portugal	221	1358	10
Tel Aviv	Israel	233	1286	7.5	Bremerhaven	W. Germany	221	1358	20
Prague	Czechoslovakia	233	1286	100	Tirana	Albania	221	1358	20
Kolarovgrad	Bulgaria	232	1295	25	Berlin	E. Germany	221	1358	250
Baku	U.S.S.R.	232	1295	100	Naples	Italy	219	1367	12.5
Crowborough	Gt. Britain	232	1295	600	Radio North Sea	At Sea	219	1367	5
Vranje	Yugoslavia	232	1295	6	Beersheba	Israel	219	1367	5
Stettin	Poland	230	1304	160	Genoa	Italy	219	1367	10
Oran	Algeria	230	1304	20	Lodz	Poland	219	1367	60
Golansk	Poland	230	1304	60	Milan	Italy	219	1367	10
Constantine	Algeria	230	1304	20	Lublin	Poland	219	1367	60
Ancona	Italy	228	1313	5	Porto	Portugal	219	1367	10
Stavanger	Norway	228	1313	100	Ballystok	Poland	219	1367	60
Zaragoza	Spain	228	1313	15					

Station	Metres	kc/s	kW	
Venice	Italy	219	1367	25
Rome	Italy	219	1367	10
Turin	Italy	219	1367	10
Vannitza	U.S.S.R.	218	1376	50
Kardzall	Bulgaria	218	1376	25
Lille	France	218	1376	250
Kaunas	U.S.S.R.	218	1385	150
Athens	Greece	218	1385	50
Madrid	Spain	218	1385	15
Graz	Austria	215	1394	25
Tobruk	Libya	215	1394	10
Tirana	Albania	215	1394	400
Nice	France	214	1403	20
Tiraspol	U.S.S.R.	214	1403	5
Brest	France	214	1403	20
Montpellier	France	214	1403	10
Clermont Ferrand	France	214	1403	20
Rouen	France	214	1403	10
Pau	France	214	1403	10
Comotini	Greece	214	1403	5
Pristina	Yugoslavia	212	1412	100
Maribor	Yugoslavia	212	1412	20
Gospic	Yugoslavia	212	1412	20
Saarbrucken	W. Germany	211	1421	350
Algiers	Algeria	211	1421	40
Zyyi B. F.	Cyprus	211	1421	50
Riga	U.S.S.R.	211	1421	50
Tampere	Finland	211	1421	5
Bakau	Romania	210	1430	20
Skive	Denmark	210	1430	70
Berlin	E. Germany	210	1430	250
Herstedvester	Denmark	210	1430	10
Uzgorod	U.S.S.R.	210	1430	25
Syktiyvkar	U.S.S.R.	208	1439	10

Station	Metres	kc/s	kW	
Luxembourg	Luxembourg	208	1439	750
Turin	Italy	207	1448	25
Palermo	Italy	207	1448	10
Ancona	Italy	207	1448	5
Sassari	Italy	207	1448	5
Catania	Italy	207	1448	5
Squinzano	Italy	207	1448	10
Tripoli	Libya	206	1454	10
Bartley	Gt. Britain	206	1457	10
Tirana	Albania	206	1457	600
Constanta	Romania	206	1457	25
Turcenii	Romania	206	1457	10
Clevedon	Gt. Britain	206	1457	20
Simferopol	U.S.S.R.	205	1466	25
Monte Carlo	Monaco	205	1466	400
Mainflingen	W. Germany	203	1475	300
Vienna	Austria	203	1475	150
Limassol	Cyprus	202	1484	25
Berlin	W. Germany	202	1484	5
Benghazi	Libya	202	1484	10
Riga	U.S.S.R.	202	1484	5
Belgrade	Yugoslavia	202	1484	5
Leige	Belgium	202	1484	5
Lodz	Poland	202	1484	10
Leningrad	U.S.S.R.	201	1493	50
Svetozarevo	Yugoslavia	201	1493	5
Ajaccio	France	201	1493	8
Rhodes	Greece	201	1493	5
Warsaw	Poland	200	1502	300
Belgrade	Yugoslavia	200	1502	10
Nicosia BF	Cyprus	199	1504	5
Berlin	E. Germany	198	1511	250
Brussels	Belgium	198	1511	20
Skopje	Yugoslavia	198	1511	5
Delimara BF	Malta	198	1511	15

Station		Metres	kc/s	kW
Chania	Greece	198	1511	5
Prague	Czechoslovakia	197	1520	50
Ostrava	Czechoslovakia	197	1520	25
Karlovy	Czechoslovakia	197	1520	10
Vatican City	Vatican State	196	1529	250
Kerkira	Greece	196	1529	10
Mainflingen	W. Germany	195	1538	700
Vinnitza	U.S.S.R.	194	1546	50
Seelow	E. Germany	194	1546	5
Nice	France	193	1554	200
Vilnius	U.S.S.R.	193	1554	40
Radio Veronlea	North Sea	192	1562	10
Beromunster	Switzerland	192	1562	160
Leningrad	U.S.S.R.	191	1570	10
Kiel	W. Germany	191	1570	5
Bernburg	E. Germany	191	1570	20
Osnabruck	W. Germany	191	1570	5
Cordova	Spain	191	1570	5
Alicante.	Spain	191	1570	5
Marbella	Spain	191	1570	5
Genoa	Italy	190	1578	50
Nordkapp	U.S.S.R.	190	1578	5
Fredrikstad	Norway	190	1578	10
Porto	Portugal	190	1578	5
Tartu	U.S.S.R.	189	1586	15
Langenberg	W. Germany	189	1586	500
Miskolc	Hungary	189	1594	10
Ostrava	Czechoslovakia	189	1594	10
Tripoli	Libya	189	1594	10
Lisbon	Portugal	189	1594	10
Munich	W. Germany	187	1602	370

THE WORLD'S SHORT WAVE A.M. RADIO STATIONS

Station		kc/s	kW	Station	kc/s	kW
Djakarta	Indonesia	2300	3	Demerara		
Djakarta	Indonesia	2315	3	Dahomey	Guiana	3265
Meyerton	S. Africa	2325	15	Peking	Dahomey	3270
Gwelo	Rhodesia	2335	10	Djakarta	China	3270
Meyerton	S. Africa	2345	15	Grenada	Indonesia	3275
Meyerton	S. Africa	2375	15	Suva	Windward Isles	3280
Gwelo	Rhodesia	2425	15	Taianarive	Fiji	3285
St. Denis	Reunion	2445	5	Accra	Malagasy	3290
Djakarta	Indonesia	2460	5	Lusaka	Ghana	3295
Taegu	S. Korea	2510	12	Samarinda	Zambia	3295
Pyongyang	N. Korea	2850	200	Libreville	Indonesia	3295
Bangkok	Thailand	3205	5	Bujumbura	Gabon	3300
Ibadan	Nigeria	3205	10	Daru	Burundi	3300
Lucknow	India	3205	8	Gwelo	Papua	3305
Bandung	Indonesia	3205	10	Bhopal	Rhodesia	3305
Taipei	Taiwan	3215	5	Pastaza	India	3315
Laurenco				Fort de France	Ecuador	3315
Marques	Mozambique	3215	20	Freetown	Martinique	3315
Peking	China	3220	50	Pyongyang	Sierra Leone	3315
St. Eliva	Liberia	3225	8	Bougainville	N. Korea	3320
Suva	Fiji	3230	10	Meyerton	Solomon Isles	3320
Taipei	Taiwan	3230	5	Djajapura	S. Africa	3320
Tananarive	Malagasy	3235	25	Monagas	Indonesia	3325
Brazzaville	Congo	3235	5	Maldive	Venezuela	3325
Gauhati	India	3235	8	Moroni	Maldive	3330
Baghdad	Iraq	3240	50	Taipei	Comoroils	3330
Meyerton	S. Africa	3250	25	Wewak	Taiwan	3335
Monrovia	Liberia	3255	10	Ziguinchor	New Guinea	3335
Assuncao	Brazil	3255	15	Laurenco	Senegal	3335
Naimy	Niger	3260	5	Marques		
Laurenco				Zanzibar	Mozambique	3340
Marques	Mozambique	3265	20	Alegria	Tanzania	3340
				Pontianak	Ecuador	3340
				Kashmir	Indonesia	3345
				Huambo	India	3345
				Lusaka	Angola	3345
					Zambia	3345

Station		kc / s	kW	Station		kc / s	kW
Ejura	Ghana	3350	15	Port Moresby	Papua	3925	10
Franceville	Gabon	3350	5	Semarang	Indonesia	3935	10
Kurseong	India	3355	8	Peking	China	3935	240
Nampula	Mozambique	3355	10	Okinawa	Ryukyu Isles	3935	100
Moumea	New Caledonia	3355	15	Sapporo	Japan	3945	10
Gaborones	Botswana	3355	10	Meyerton	S. Africa	3952	20
Peking	China	3360	200	London	G. Britain	3952	100
Accra	Ghana	3365	10	Baghdad	Iraq	3960	50
Delhi	India	3365	10	Free Europe	W. Germany	3960	10
Tananarive	Malagasy	3370	5	Padang	Indonesia	3960	10
Laurenco Marques	Mozambique	3374	10	Buca	Cameroons	3970	10
Gauhati	India	3375	10	Free Europe	W. Germany	3970	20
Maracaibo	Venezuela	3375	5	Surabaya	Indonesia	3975	10
Luanda	Angola	3375	10	Meyerton	S. Africa	3980	50
Blantyre	Malawi	3380	50	Dacca	Pakistan	3980	100
Ramako	Mali	3380	20	Munich	W. Germany	3980	100
Barcelona	Venezuela	3385	15	Schwarzenburg	Switzerland	3985	250
Colombo	Ceylon	3385	10	Lamperthiem	W. Germany	3990	20
Cayenne	French Guiana	3385	5	Peking	China	3990	200
Rabaul	New Guinea	3385	10	Lagos	Nigeria	3990	100
Kabul	Afghanistan	3390	100	Honiara	Solomon Isles	3995	5
Gwelo	Rhodesia	3395	100	Free Europe	W. Germany	3995	10
Kaduna	Nigeria	3395	8	Karachi	Pakistan	3995	30
Peking	China	3500	200	Rome	Italy	3995	10
Pyongyang	N. Korea	3560	125	Meyerton	S. Africa	3998	20
Peking	China	3560	200	Godthab	Greenland	4000	12
Peking	China	3660	250	Frunze	U.S.S.R.	4010	20
Teheran	Iran	3780	100	Peking	China	4020	200
Peking	China	3900	200	Erevan	U.S.S.R.	4040	40
Delhi	India	3905	20	Magadan	U.S.S.R.	4040	50
Free Europe	W. Germany	3910	20	Petropavlovsk	U.S.S.R.	4050	40
Tokyo	Japan	3910	10	Moscow	U.S.S.R.	4055	40
Seoul	S. Korea	3910	8	Peking	China	4070	200
Tebrau BF	Malaysia	3915	10	Semipalatinsk	U.S.S.R.	4080	40
Quetta	India	3915	10	Ulan Bator	Mongolia	4085	50
Tokyo	Japan	3925	50	Kazil Orda	U.S.S.R.	4100	40

Station		kc/s	kW
Peking	China	4125	200
Peking	China	4200	200
Peking	China	4230	200
Pyongyang	N. Korea	4275	200
Yakutsk	U.S.S.R.	4395	40
Pyongyang	N. Korea	4410	150
Kokchetav	U.S.S.R.	4420	50
Vilnius	U.S.S.R.	4425	40
Peking	China	4460	200
Vladvostok	U.S.S.R.	4485	80
Ardizhan	U.S.S.R.	4520	50
Alma Ata	U.S.S.R.	4545	50
Khabarovsk	U.S.S.R.	4610	20
Peking	China	4620	200
Dushanbey	U.S.S.R.	4635	50
Rangoon	Burma	4725	50
Maldive	Maldive	4740	25
Lubumbashi	Congo	4750	15
Macassar	Indonesia	4755	20
Simla	India	4760	5
Delhi	India	4760	50
Dzambul	U.S.S.R.	4760	10
Frontera	Venezuela	4760	5
Brazzaville	Congo	4765	50
Djakarta	Indonesia	4770	20
Monrovia	Liberia	4770	10
Peking	China	4770	200
Pyongyang	N. Korea	4770	200
Gauhati	India	4775	20
Kabul	Afghanistan	4775	100
Moscow	U.S.S.R.	4780	50
Libreville	Gabon	4780	100
Dar-es-Salaam	Tanzania	4785	10
Bamako	Mali	4785	20
Baku	U.S.S.R.	4785	40
Penang	Malaysia	4790	10

Station		kc/s	kW
Beira	Mozambique	4795	15
Sada Bandiera	Angola	4795	10
Brazzaville	Congo	4795	5
Ulan Ude	U.S.S.R.	4795	40
Hydrabad	India	4800	10
Maseru	Lesotho	4800	5
Barquisimeta	Venezuela	4800	10
Brazzaville	Congo	4805	30
Djakarta	Indonesia	4805	50
Manaus	Brazil	4805	10
Sao Tome	Port W. Africa	4805	10
St. Denis	Reunion	4805	10
Kisumu	Kenya	4805	5
Peking	China	4815	5
Beira	Mozambique	4815	200
Quetta	Pakistan	4815	15
Angola	Angola	4820	10
Calcutta	India	4820	15
Magadan	U.S.S.R.	4820	10
Ashkabad	U.S.S.R.	4825	40
Moscow	U.S.S.R.	4825	60
Bangkok	Thailand	4825	80
Gwelo	Rhodesia	4830	10
Kuching	Rhodesia	4830	50
Bamako	Sarawak	4835	15
Bombay	Mali	4835	20
Bukavu	India	4840	15
Kuala Lumpur	Congo	4840	15
Gaborones	Malaysia	4845	5
Forest Side	Botswana	4845	40
Nouakchott	Mauritius	4850	10
Palembang	Mauritania	4850	10
Lourenco Marques	Indonesia	4855	25
Nairobi	Mozambique	4855	10
Peking	Kenya	4855	25
Orenburg	China	4860	10
	U.S.S.R.	4860	250
			40



Station		kc/s	kW	Station		kc/s	kW
Berakas	Brunei	4865	15	Djambi	Indonesia	4930	10
Colombo	Ceylon	4870	15	Benin City	Nigeria	4930	15
Cotonou	Dahomey	4870	25	Surakarta	Indonesia	4930	5
Sorong	Indonesia	4870	12	Beira	Monzambique	4935	20
Meyerton	S. Africa	4875	25	Barquisimeto	Venezuela	4940	10
Karachi	Pakistan	4875	30	Kiev	U.S.S.R.	4940	40
Caracas	Venequela	4880	10	Karachi	Pakistan	4940	40
Kinshasa	Congo	4880	12	Sanaa	Yemen	4940	20
Lucknow	India	4880	15	Abidjan	Ivory Coast	4940	20
Peking	China	4885	100	Gauhati	India	4940	10
Nairobi	Kenya	4885	15	Meyerton	S. Africa	4945	20
Novosibirsk	U.S.S.R.	4885	60	Nampula	Mozambique	4945	5
Port Moresby	Papua	4890	12	Peshawar	Pakistan	4950	12
Dakar	Senegal	4890	20	Nairobi	Kenya	4950	12
Fort De France	Martinique	4895	5	Bogota	Colombia	4955	20
Ashkabad	U.S.S.R.	4895	40	Banda Atjeh	Indonesia	4955	12
Kurseong	India	4895	10	Baku	U.S.S.R.	4955	40
Tyuan	U.S.S.R.	4895	40	Peking	China	4960	200
Kuching	Sarawak	4895	15	Tananarive	Malagasy	4960	15
Colombo	Ceylon	4900	12	Meyerton	S. Africa	4965	25
Barquisimeto	Venezuela	4900	10	Kuwait	Kuwait	4965	15
Fort Lamy	Chad	4905	25	Colombo	Ceylon	4970	15
Peking	China	4905	240	Venezuela	Venezuela	4970	10
Lusaka	Zambia	4910	12	Caracas	Sabah	4970	5
Maracaibo	Venezuela	4910	10	Kota Kinabalu	Cameroons	4970	25
Peking	China	4910	100	Yaounde	U.S.S.R.	4975	40
Conakry	Guinea	4910	5	Dushanbe	Pakistan	4975	30
Dacca	Pakistan	4915	50	Karachi	Uganda	4975	10
Accra	Ghana	4915	10	Kampala	Bolivia	4980	25
Nairobi	Kenya	4915	50	La Paz	Ghana	4980	15
Brisbane	Australia	4920	10	Ejuna	Pakistan	4980	40
Moscow	U.S.S.R.	4920	150	Dacca	Venezuela	4980	12
Madras	India	4920	10	San Cristobal	Venezuela	4980	12
Bata	Guinea	4925	5	Penang	Malaysia	4985	5
Lourenco Marques	Mozambique	4925	20	Abu Dhabi	Trucial States	4985	15
Erevan	U.S.S.R.	4930	50	Bhopal	India	4990	12
				Alma Ata	U.S.S.R.	4990	40

Station		kc/s	kW	Station		kc/s	kW
Lagos	Nigeria	4990	10	Medan	Indonesia	5085	25
Barquisimeto	Venezuela	4990	20	Peking	China	5125	250
Omdurman	Sudan	4995	25	Peking	China	5220	200
Magadan	U. S. S. R.	4995	40	Asuncion	Paraguay	5275	80
Garoua	Cameroons	5010	25	Peking	China	5300	240
Singapore BF	Malaysia	5010	15	Peking	China	5325	240
Grenada	Windward Isles	5015	10	Peking	China	5362	100
Vladivostock	U. S. S. R.	5015	60	Peking	China	5450	200
Gwelo	Rhodesia	5015	50	Peking	China	5545	200
Peking	China	5020	200	Moscow	U. S. S. R.	5790	50
Colombo	India	5020	10	Peking	China	5840	200
Niamey	Niger	5020	5	Pyongyang	N. Korea	5875	150
Caracas	Venezuela	5020	12	Peking	China	5895	200
Cochabamba	Bolivia	5025	10	Moscow	U. S. S. R.	5900	50
Kampala	Uganda	5025	10	Port au Prince	Haiti	5910	10
Peking	China	5030	250	Erevan	U. S. S. R.	5915	100
Sarawak	Malaysia	5030	15	Sverdlovsk	U. S. S. R.	5920	50
Caracas	Venezuela	5030	10	Sofia	Bulgaria	5920	30
Bangui	Cent. Africa. Rep	5035	80	Minsk	U. S. S. R.	5925	20
Alma Ata	U. S. S. R.	5035	30	Tashkent	U. S. S. R.	5925	50
Rangoon	Burma	5040	40	Peking	China	5925	150
Tbilisi	U. S. S. R.	5040	50	Prague	Czechoslovakia	5930	20
Peking	China	5040	100	Managua	Nicaragua	5935	80
Conakry	Guinea	5040	12	Peking	China	5935	200
Lome	Togo	5045	60	Magadan	U. S. S. R.	5940	20
Jogjakarta	Indonesia	5045	25	Lima	Peru	5950	25
Dar es Salaam	Tanzania	5050	25	Tirana	Albania	5950	200
Petropavlovsk	U. S. S. R.	5050	40	Rome	Italy	5950	50
Ulan Bator	U. S. S. R.	5050	40	Peking	China	5950	250
Singapore	Malaysia	5050	10	Berlin	E. Germany	5955	100
Chita	U. S. S. R.	5055	60	Munich	W. Germany	5955	100
Aden	S. Yemen	5060	10	Suva	Fiji	5955	20
Petrozavodsk	U. S. S. R.	5065	25	Allours	France	5955	100
Peking	China	5075	200	Meyerton	S. Africa	5955	50
Satutenza	Colombia	5075	20	VOA	U. S. A.	5955	250
Colombo	Ceylon	5075	12	Djakarta	Indonesia	5955	50

Station		kc/s	kW	Station		kc/s	kW
Ulan Bator	U.S.S.R.	5960	60	Tunis	Tunisia	5985	30
Luanda	Angola.	5960	100	Hanoi	N. Vietnam	5985	50
Kaunas	U.S.S.R.	5960	40	Dacca	Pakistan	5985	15
Monte Carlo	Monaco	5960	150	Serpukhov	U.S.S.R.	5990	150
Kuala Lumpur	Malaysia	5965	150	Bhopal	India	5990	12
Wavre	Belgium	5965	40	Brazilia	Brazil	5990	10
Tangier	Morocco	5965	50	Rome	Italy	5990	75
Moscow	U.S.S.R.	5965	100	London	Gt. Britain	5990	100
London	Gt. Britain	5965	350	Blantyre	Malawi	5995	100
Gaborones	Botswana	5965	15	Warsaw	Poland	5995	15
Quetta	Pakistan	5965	25	Vatican	Vatican City	5995	100
Gauhati	India	5970	12	Bamako	Mali	5995	40
Sackville	Canada	5970	60	VOA	U.S.A.	5995	200
Lima	Peru	5970	60	Peking	China	6000	200
Free Europe	W. Germany	5970	40	Singapore	Malaya	6000	10
Bandjarmasin	Indonesia	5970	20	Kabul	Afghanistan	6000	40
Bogota	Colombia	5970	40	Riyadh	Saudi Arabia	6000	60
Gwelo	Rhodesia	5975	80	Belo Horizonte	Brazil	6000	20
Florianopolis	Brazil	5975	15	BBC Relay	Ascension I.	6005	200
Budapest	Hungary	5975	25	Colombo	Ceylon	6005	12
London.	Gt. Britain	5975	200	Meyerton	S. Africa	6005	25
Seoul	S. Korea	5975	15	Munich	W. Germany	6005	100
Peking	China	5975	250	Suva	Fiji	6005	15
Kota Kinabalu	Sabah	5980	15	Berlin	W. Germany	6005	25
Meyerton	S. Africa	5980	200	Voronesh	U.S.S.R.	6005	50
Tbilisi	U.S.S.R.	5980	200	Okinawa	Ryukyu Isles	6010	20
Beirut	Lebanon	5980	100	BBC Relay	Cyprus	6010	100
Hilversum	Netherlands	5980	50	Deutsche Welle	W. Germany	6010	80
Budapest	Hungary	5980	40	Brussels	Belgium	6010	25
Medellin	Colombia	5980	15	Bangkok	Thailand	6010	20
Quetta	Pakistan	5980	15	Allouis	France	6010	120
Rabaul	New Guinea	5985	12	Rome	Italy	6010	80
Tokyo	Japan	5985	150	London	Gt. Britain	6010	100
Dar Es Salaam	Tanzania	5985	80	Hilversum	Netherlands	6015	100
Free Europe	W. Germany	5985	25	Abidjan	Ivory Coast	6015	120
Menado	Indonesia	5985	25	Pernambuco	Brazil	6015	15

Station		kc/s	kW	Station		kc/s	kW
Gwelo	Rhodesia	6020	100	VOA Relay	Gt. Britain	6050	200
Bonaire	Neth Antilles	6020	250	Rome	Italy	6050	100
Kiev	U.S.S.R.	6020	40	London	Gt. Britain	6050	100
Greenville	U.S.A.	6020	200	Lourenco Marques	Mozambique	6050	50
Khabarovsk	U.S.S.R.	6020	50	Irkutsk	U.S.S.R.	6050	40
Tirana	Albania	6020	250	BBC Relay	Cyprus	6050	80
Peking	China	6025	200	Delhi	India	6050	20
Lisbon	Portugal	6025	100	Darwin	Australia	6055	200
Enugu	Nigeria	6025	15	Prague	Czechoslovakia	6055	150
Kuala Lumpur	Malaysia	6025	50	Kigali	Rwanda	6055	40
Luanda	Angola	6025	80	Budapest	Hungary	6055	25
Rome	Italy	6025	40	Kuwait	Kuwait	6055	200
Budapest	Hungary	6025	25	Calif	Colombia	6055	20
Greenville	U.S.A.	6030	100	Tokyo	Japan	6055	40
Baghdad	Iraq	6030	80	Greenville	U.S.A.	6055	60
Simferopol	U.S.S.R.	6030	200	Lusaka	Zambia	6060	25
Bogota	Colombia	6030	60	Sofia	Bulgaria	6060	60
Muhlaker	W. Germany	6030	30	Buenos Aires	Argentina	6060	25
Rangoon	Burma	6035	100	Havana	Cuba	6060	30
Monte Carlo	Monaco	6035	40	Caltanissetta	Italy	6060	20
Monrovia	Liberia	6035	40	Kajang.	Malaysia	6060	25
Rio de Janeiro	Brazil	6035	12	Munich	W. Germany	6060	50
Warsaw	Poland	6035	80	Peking	China	6065	200
Vladivostok	U.S.S.R.	6035	60	Minsk	U.S.S.R.	6065	80
Munich	W. Germany	6040	120	Greenville	U.S.A.	6065	100
Ibaque	Colombia	6040	12	VOA	Morocco	6065	50
Delhi	India	6040	60	Horby	Sweden	6065	150
Deutsche Welle	W. Germany	6040	50	Addis Ababa	Ethiopia	6065	50
VOA Relay	Gt. Britain	6040	200	Karachi	Pakistan	6070	12
Djakarta	Indonesia	6045	100	Sofia	Bulgaria	6070	70
Lima	Peru	6045	15	Accra	Ghana	6070	100
VOA Relay	Liberia	6045	50	Bangkok	Thailand	6070	15
Moscow	U.S.S.R.	6045	200	Khabarovsk	U.S.S.R.	6070	75
Athens	Greece	6045	10	BBC Relay	Cyprus	6070	120
Ibadan	Nigeria	6050	12	Julich	W. Germany	6075	100
Quito	Ecuador	6050	80	Meyerton	S. Africa	6075	100

Station		kc/s	kW	Station		kc/s	kW
Bogota	Colombia	6075	15	Bonaire	Neth Antilles	6110	60
Rome	Italy	6075	120	London	Gt. Britain	6110	250
Volgograd	U.S.S.R.	6075	40	Caracas	Venezuela	6110	12
Colombo	Ceylon	6075	12	Budapest	Hungary	6110	120
Munich	W. Germany	6080	80	Brazzaville	Congo	6115	50
Algiers	Algeria	6080	60	Free Europe	W. Germany	6115	100
Tokyo	Japan	6080	60	Rio de Janeiro	Brazil	6115	100
Komsomolsk	U.S.S.R.	6080	25	Allouis	France	6115	50
London	Gt. Britain	6080	100	Khabarousk	U.S.S.R.	6115	80
Berlin	W. Germany	6080	80	Delhi	India	6120	50
Hilversum	Netherlands	6085	100	Bocau	Philippines	6120	60
Lima	Peru	6085	20	Julich	W. Germany	6120	100
Madras	India	6085	100	Schwarzenburg	Switzerland	6120	100
Tallinn	U.S.S.R.	6085	60	Pori	Finland	6120	20
Recife	Brazil	6085	12	BBC Relay	Cyprus	6120	60
Phnom Penh	Cambodia	6090	50	San Fernando	Argentina	6120	15
Irkutsk	U.S.S.R.	6090	40	Hydrabad	India	6120	15
Luxembourg	Luxembourg	6090	60	Peking	China	6125	250
Beira	Mozambique	6090	30	London	Gt. Britain	6125	400
Buenos Aires	Argentina	6090	30	Greenville	U.S.A.	6125	200
Baghdad	Iraq	6095	100	Tashkent	U.S.S.R.	6125	60
Munich	W. Germany	6095	80	Montevideo	Uruguay	6125	15
Mogadishu	Somalia	6095	50	Sao Paulo	Brazil	6125	12
Sao Paulo	Brazil	6095	25	Kasai	Congo	6125	12
VOA	Morocco	6095	40	Julich	W. Germany	6130	100
Darwin	Australia	6100	200	Peking	China	6130	200
Julich	W. Germany	6100	100	Accra	Ghana	6130	100
Belgrade	Yugoslavia	6100	100	Fredrikstad	Norway	6130	120
Kuala Lumpur	Malaysia	6100	80	Colombo	Ceylon	6130	12
Peking	China	6100	250	Quito	Ecuador	6130	80
Kursk	U.S.S.R.	6100	40	Vientiane	Laos	6130	10
Djakarta	Indonesia	6105	100	Tirana	Albania	6130	100
Free Europe	W. Germany	6105	25	Warsaw	Poland	6135	70
Warsaw	Poland	6105	50	Porto Alegre	Brazil	6135	15
Prague	Czechoslovakia	6105	50	Alma Ata	U.S.S.R.	6135	60
Baku	U.S.S.R.	6110	40	Concepcion	Chile	6135	12

Station		kc/s	kW	Station		kc/s	kW
Meyerton	S. Africa	6135	50	Tirana	Albania	6160	50
Hilversum	Netherlands	6140	100	London	Gt. Britain	6160	50
Madrid	Spain	6140	100	Tangier	Morocco	6160	20
Prague	Czechoslovakia	6140	150	Saigon	S. Vietnam	6165	150
London	Gt. Britain	6140	100	Schwarzenburg	Switzerland	6165	200
Tokyo	Japan	6140	50	Kiev	U.S.S.R.	6165	50
Beira	Mozambique	6140	15	Damascus	Syria	6165	60
Voronesh	U.S.S.R.	6140	60	Sao Paulo	Brazil	6165	15
Perth	Australia	6140	20	Lusaka	Zambia	6165	25
Moscow	U.S.S.R.	6145	80	Mexico City	Mexico	6165	15
Delhi	India	6145	20	Budapest	Hungary	6165	20
Julich	W. Germany	6145	100	Delhi	India	6170	50
Allouis	France	6145	120	Karachi	Pakistan	6170	40
Rio de Janeiro	Brazil	6145	40	Free Europe	W. Germany	6170	25
Enugu	Nigeria	6145	15	Sabaa Aioun	Morocco	6170	30
Greenville	U.S.A.	6145	150	Lucknow	India	6170	20
Addis Ababa	Ethiopia	6150	80	Poro	Philippines	6170	60
Munich	W. Germany	6150	100	Greenville	U.S.A.	6170	100
London	Gt. Britain	6150	500	Caracas	Venezuela	6170	12
Peshawar	Pakistan	6150	15	Kuala Lumpur	Malaysia	6175	100
Belgrade	Yugoslavia	6150	150	Budapest	Hungary	6175	50
Melbourne	Australia	6150	20	Kaduna	Nigeria	6175	25
Omdurman	Sudan	6150	40	Recife	Brazil	6175	15
Conakry	Guinea	6155	40	Paris	France	6175	100
Baghdad	Iraq	6155	40	Tashkent	U.S.S.R.	6180	100
Lvov	U.S.S.R.	6155	50	Peking	China	6180	200
Vienna	Austria	6155	100	Mendoza	Argentina	6180	12
Singapore	Malaya	6155	40	Monrovia	Liberia	6180	40
Nikolavsk	U.S.S.R.	6155	60	BBC Relay	Cyprus	6180	80
Peking	China	6155	100	Guatamala City	Guatamala	6180	15
Tokyo	Japan	6155	50	Addis Ababa	Ethiopia	6185	100
Montevideo	Uruguay	6155	15	VOA	Philippines	6185	200
Brussels	Belgium	6160	50	Julich	W. Germany	6185	120
Sofia	Bulgaria	6160	100	Bogota	Colombia	6185	20
Granada	Colombia	6160	15	London	Gt. Britain	6185	200
Delhi	India	6160	50	Tripoli	Libya	6185	50

Station		kc/s	kW	Station		kc/s	kW
Sao Paulo	Brazil	6185	15	Peking	China	6375	200
Riazan	U.S.S.R.	6185	50	Ulan Bator	U.S.S.R.	6385	80
Prague	Czechoslovakia	6185	50	Pyongyang	N. Korea	6400	100
Colombo	Ceylon	6185	12	Peking	China	6455	200
Vatican	Vatican City	6190	100	Peking	China	6490	200
Greenville	U.S.A.	6190	200	Peking	China	6515	200
Bucharest	Romania	6190	20	Peking	China	6525	200
Sabaa Aioun	Morocco	6190	60	Pyongyang	N. Korea	6550	200
Petropavlovsk	U.S.S.R.	6190	50	Peking	China	6565	200
Delhi	India	6190	12	Peking	China	6585	200
Bremen	W. Germany	6190	15	Pyongyang	N. Korea	6605	200
Santiago	Chile	6190	15	Peking	China	6620	240
Padang	Indonesia	6190	12	Peking	China	6650	240
London	Gt. Britain	6195	250	Chiclayo	Peru	6710	200
Meyerton	S. Africa	6195	80	Peking	China	6760	200
Baku	U.S.S.R.	6195	50	Peking	China	6790	100
Tirana	Albania	6195	300	Peking	China	6815	200
Tunis	Tunisia	6195	40	Peking	China	6865	150
Rio de Janeiro	Brazil	6195	10	Peking	China	6930	150
Tirana	Albania	6200	100	Peking	China	6950	150
Peking	China	6200	240	Peking	China	7005	250
Damascus	Syria	6200	40	Peking	China	7015	200
Peking	China	6210	200	Peking	China	7025	200
Rawalpindi	India	6215	12	Peking	China	7040	200
Peking	China	6225	200	Peking	Iran	7045	80
Cairo	Egypt	6235	100	Teheran	Egypt	7050	100
Karachi	Pakistan	6240	20	Cairo	China	7060	200
Peking	China	6250	200	Peking	China	7065	200
Pyongyang	N. Korea	6250	200	Peking	Albania	7065	100
Santa Isobel	Guinea	6250	20	Tirana	Egypt	7075	50
Peking	China	6265	200	Cairo	China	7080	100
Pyongyang	N. Korea	6285	200	Peking	China	7085	200
Peking	China	6295	250	Peking	China	7085	200
Peking	China	6320	200	Tirana	Albania	7090	300
Peking	China	6335	200	Karachi	Pakistan	7095	40
Peking	China	6350	200	Moscow	U.S.S.R.	7100	100
Peking	China	6350	200	Budapest	Hungary	7100	50

Station		kc/s	kW
Delhi	India	7105	50
BBC Relay	Ascension I.	7105	200
London	Gt. Britain	7105	100
Madrid	Spain	7105	100
Colombo	India	7105	20
Jogjakarta	Indonesia	7105	30
Monte Carlo	Monaco	7105	80
Tula	U.S.S.R.	7110	200
VOA	Greece	7110	100
London	Gt. Britain	7110	50
Bamako	Mali	7110	40
Khabarovsk	U.S.S.R.	7110	100
Kuala Lumpur	Malaysia	7110	15
Omsk	U.S.S.R.	7110	50
Teheran	Iran	7110	40
Free Europe	Portugal	7115	120
Peking	China	7115	240
Kinshasa	Congo	7115	40
Bangkok	Thailand	7115	20
Sabaa Aloun	Morocco	7115	50
Lagos	Nigeria	7115	40
Rangoon	Burma	7120	40
Denpassar	Indonesia	7120	20
Fort Lama	Chad	7120	40
London	Gt. Britain	7120	250
Tirana	Albania	7120	300
Peking	China	7120	100
Kazan	U.S.S.R.	7120	70
Bombay	India	7120	50
Gwelo	Rhodesia	7120	100
Hargeisa	Somalia	7120	60
Ulan Bator	U.S.S.R.	7120	20
Delhi	India	7125	50
Warsaw	Poland	7125	50
Nairobi	Kenya	7125	20
Conakry	Guinea	7125	12

Station		kc/s	kW
Karachi	Pakistan	7125	15
Peking	China	7125	200
Minsk	U.S.S.R.	7130	60
Taipei	Taiwan	7130	50
London	Gt. Britain	7130	250
Julich	W. Germany	7130	120
Moscow	U.S.S.R.	7135	50
VOA	Liberia	7135	200
Karachi	Pakistan	7135	20
Monte Carlo	Monaco	7135	25
Nairobi	Kenya	7140	60
BBC Relay	Cyprus	7140	50
Tokyo	Japan	7140	25
Hydrabad	India	7140	20
Kazan	U.S.S.R.	7140	120
Ambon	Indonesia	7140	20
Julich	W. Germany	7145	100
Addis Ababa	Ethiopia	7145	50
Warsaw	Poland	7145	100
Kuching	Malaysia	7145	15
Meyerton	S. Africa	7150	100
BBC Relay	Cyprus	7150	100
London	Gt. Britain	7150	100
Nairobi	Kenya	7150	15
Serpukhov	U.S.S.R.	7150	150
Lvov	U.S.S.R.	7150	120
Tirana	Albania	7150	150
Amman	Jordan	7155	80
R. Liberty	W. Germany	7155	20
Allouis	France	7155	100
Vatican	Vatican City	7155	50
Lvov	U.S.S.R.	7160	100
Delhi	India	7160	30
Meyerton	S. Africa	7160	50
VOA	Philippines	7160	200
Madras	India	7160	15



Station		kc/s	kW	Station		kc/s	kW
Kuching	Malaysia	7160	20	Colombo	Ceylon	7190	15
Dar Es Salaam	Tanzania	7165	30	Moscow	U.S.S.R.	7190	50
Julich	W. Germany	7165	50	Monrovia	Liberia	7195	200
Katmandu	Nepal	7165	120	Tokyo	Japan	7195	25
VOA	Ryukyu Isles	7165	50	Tula	U.S.S.R.	7195	120
Tripoli	Libya	7165	150	Bucharest	Romania	7195	80
Noumea	New Caledonia	7170	30	Kampala	Uganda	7195	10
Moscow	U.S.S.R.	7170	100	Delhi	India	7195	50
Munich	W. Germany	7170	150	Tirana	Albania	7195	100
Peshawar	Pakistan	7170	20	Kabul	Afghanistan	7200	50
Dakar	Senegal	7170	30	Karachi	Pakistan	7200	30
Singapore	Malaya	7170	20	Penang	Malaysia	7200	20
London	Gt. Britain	7170	200	Jakutsk	U.S.S.R.	7200	50
VOA	Liberia	7175	250	VOA	Gt. Britain	7200	200
Stanobelsk	U.S.S.R.	7175	100	Belgrade	Yugoslavia	7200	40
Caltanissetta	Italy	7175	50	Omdurman	Sudan	7200	100
Prague	Czechoslovakia	7175	50	Krasnolarsk	U.S.S.R.	7200	40
Bucharest	Romania	7175	30	Warsaw	Poland	7200	25
Baghdad	Iraq	7180	120	Yaounde	Cameroon	7205	40
Vienna	Austria	7180	80	VOA	Greece	7205	60
Bhopal	India	7180	12	Lubumbashi	Congo	7205	15
Kharkov	U.S.S.R.	7180	50	Moscow	U.S.S.R.	7205	80
Kota Kinabalu	Sabah	7180	15	Monte Carlo	Monaco	7210	120
Allouis	France	7180	80	Vladivostok	U.S.S.R.	7210	100
Madrid	Spain	7180	40	Calcutta	India	7210	15
Meyerton	S. Africa	7185	200	Fredrikstad	Norway	7210	100
London	Gt. Britain	7185	250	London	Gt. Britain	7210	200
Novosibirsk	U.S.S.R.	7185	80	Beromunster	Switzerland	7210	120
Minhsiung	Taiwan	7185	60	Dakar	Senegal	7210	60
Kinshasa	Congo	7185	25	Meyerton	S. Africa	7215	120
Blagovechensk	U.S.S.R.	7185	100	Delhi	India	7215	60
Berlin	W. Germany	7185	15	Abidjan	Ivory Coast	7215	15
Free Europe	W. Germany	7190	50	Free Europe	Portugal	7215	50
Peking	China	7190	200	Tutong	Brunel	7215	15
Cotonou	Dahomey	7190	50	Cairo	Egypt	7215	100
Yamoussoukro	Israel	7190	25	Bangul	C. African Rep.	7220	80

Station		kc/s	kW	Station		kc/s	kW
VOA	Gt. Britain	7220	200	Luanda	Angola	7245	70
Budapest	Hungary	7220	12	Julich	W. Germany	7245	100
Lusaka	Zambia	7220	25	Sofia	Bulgaria	7245	100
Julich	W. Germany	7220	100	Lagos	Nigeria	7245	15
Jeddah	Saudi Arabia	7220	40	VOA	Ryukyu Isles	7245	250
Kuala Lumpur	Malaysia	7220	10	Addis Ababa	Ethiopia	7245	120
Delhi	India	7225	80	Vienna	Austria	7245	80
Kigali	Rwanda	7225	200	Saigon	S. Vietnam	7250	30
Bocau	Philippines	7225	60	Tula	U.S.S.R.	7250	150
Bucharest	Romania	7225	20	Vatican	Vatican City	7250	100
BBC Relay	Cyprus	7230	120	BBC Relay	Cyprus	7250	150
Meyerton	S. Africa	7230	40	Tamsui	Taiwan	7250	20
Kiev	U.S.S.R.	7230	100	Lagos	Nigeria	7255	15
Madrid	Spain	7230	100	Julich	W. Germany	7255	100
Tananarive	Malagasy	7230	15	Allouis	France	7255	120
Tokyo	Japan	7230	15	Madras	India	7260	70
Monte Carlo	Monaco	7230	50	Minsk	U.S.S.R.	7260	100
London	Gt. Britain	7230	250	London	Gt. Britain	7260	200
Allouis	France	7230	120	Meyerton	S. Africa	7260	50
Delhi	India	7235	60	Monte Carlo	Monaco	7260	100
Sydney	Australia	7235	150	Ulan Bator	U.S.S.R.	7260	60
Delhi	India	7235	50	Dacca	Pakistan	7260	10
Rome	Italy	7235	150	Lome	Togo	7265	150
Riga	U.S.S.R.	7235	80	Riazan	U.S.S.R.	7265	200
Julich	W. Germany	7235	100	Karachi	Pakistan	7265	50
Ubrau	Malaysia	7235	50	Rohrdorf	W. Germany	7265	25
Nairobi	Kenya	7240	15	Meyerton	S. Africa	7270	200
Baghdad	Iraq	7240	120	Libreville	Gabon	7270	120
Tula	U.S.S.R.	7240	100	Warsaw	Poland	7270	50
Lusaka	Zambia	7240	120	VOA	Greece	7270	60
Tromso	Norway	7240	25	Kuching	Malaysia	7270	15
Belgrade	Yugoslavia	7240	15	Erevan	U.S.S.R.	7270	50
Bombay	India	7240	25	Kashmir	India	7270	12
Medan	Indonesia	7240	12	Djakarta	Indonesia	7270	100
Ankara	Turkey	7240	40	London	Gt. Britain	7270	200
BBC Relay	Ascension I.	7240	200	Rome	Italy	7270	200

Station		kc/s	kW
Peking	China	7275	200
Monte Carlo	Monaco	7275	100
Lagos	Nigeria	7275	80
Hilversum	Holland	7275	100
Colombo	Ceylon	7275	50
Minsk	U. S. S. R.	7275	60
Gauhati	India	7280	15
Moscow	U. S. S. R.	7280	150
VOA	Liberia	7280	200
Komsomolsk	U. S. S. R.	7280	80
Dar Es Salaam	Tanzania	7280	50
Tirana	Albania	7280	150
Allouis	France	7280	100
Bamako	Mali	7285	25
Julich	W. Germany	7285	100
Gwelo	Rhodesia	7285	120
Warsaw	Poland	7285	30
Delhi	India	7285	75
Tokyo	Japan	7285	15
Addis Ababa	Ethiopia	7290	100
Monte Carlo	Monaco	7290	100
Thessalonika	Greece	7290	40
Karachi	Pakistan	7290	30
Perth	Australia	7290	25
Rome	Italy	7290	100
Luanda	Angola	7290	15
Meyerton	S. Africa	7295	30
Alma Ata	U. S. S. R.	7295	150
Athens	Greece	7295	20
Tangier	Morocco	7295	100
Moscow	U. S. S. R.	7295	50
Accra	Ghana	7295	25
Peking	China	7300	200
Tirana	Albania	7300	200
Bangkok	Thailand	7300	30
Enugu	Nigeria	7300	15

Station		kc/s	kW
Kajang	Malaysia	7300	15
Peking	China	7315	250
Minsk	U. S. S. R.	7315	50
Tirana	Albania	7320	200
Peking	China	7330	200
Prague	Czechoslovakia	7345	150
Peking	China	7350	100
Tirana	Albania	7350	200
Moscow	U. S. S. R.	7365	100
Moscow	U. S. S. R.	7375	150
Moscow	U. S. S. R.	7385	150
Moscow	U. S. S. R.	7400	50
Moscow	U. S. S. R.	7445	100
Geneva	Switzerland	7445	50
Peking	China	7460	200
Pyongyang	N. Korea	7490	200
Peking	China	7505	200
Peking	China	7580	240
Sofia	Bulgaria	7665	25
Peking	China	7705	200
London	Gt. Britain	7745	50
Peking	China	8230	250
Peking	China	8265	200
Tirana	Albania	8280	150
Peking	China	8305	100
Peking	China	8320	200
Peking	China	8340	150
Peking	China	8415	150
Peking	China	8445	250
Tirana	Albania	8580	200
Peking	China	8665	200
Jerusalem	Israel	9009	60
Peking	China	9025	200
Peking	China	9035	200
Peking	China	9060	240
Peking	China	9085	200

Station		kc/s	kW
Peking	China	9160	240
Alma Ata	U.S.S.R.	9165	20
Tirana	Albania	9195	200
Peking	China	9280	200
Peking	China	9340	200
Madrid	Spain	9360	60
Moscow	U.S.S.R.	9375	120
London	Gt. Britain	9405	240
Peking	China	9430	200
Moscow	U.S.S.R.	9450	100
Cairo	Egypt	9450	100
Karachi	Pakistan	9460	50
Moscow	U.S.S.R.	9470	100
Cairo	Egypt	9475	120
Peking	China	9485	100
Tirana	Albania	9485	200
Kiev	U.S.S.R.	9485	100
Baku	U.S.S.R.	9490	60
Cairo	Egypt	9490	100
Vilnius	U.S.S.R.	9500	100
Peking	China	9500	200
Berlin	E. Germany	9500	120
Tirana	Albania	9500	100
Free Europe	Portugal	9505	120
Lusaka	Zambia	9505	60
Santo Domingo	Dominican Rep	9505	50
Prague	Czechoslovakia	9505	200
Belgrade	Yugoslavia	9505	30
Omdurman	Sudan	9505	100
Tokyo	Japan	9505	120
Bocause	Philippines	9505	100
Warsaw	Poland	9505	60
Ashkhabad	U.S.S.R.	9510	60
BBC Relay	Ascension I.	9510	200
Madras	India	9510	80
Kazan	U.S.S.R.	9510	40

Station		kc/s	kW
Warsaw	Poland	9510	50
Algiers	Algeria	9510	50
London	Gt. Britain	9510	150
Bucharest	Romania	9510	120
Taipch	Taiwan	9510	60
Barquisimeto	Venequela	9510	10
BBC Relay	Cyprus	9510	80
Noumea	New Calendonía	9510	15
Erevan	U.S.S.R.	9515	100
Prague	Czechoslovakia	9515	120
Montevideo	Uruguay	9515	12
Penang	Malaysia	9515	40
Krasnoyarsk	U.S.S.R.	9515	50
Ankara	Turkey	9515	200
Tananarive	Malagasy	9515	40
London	Gt. Britain	9520	100
Kuwait	Kuwait	9520	200
Allouis	France	9520	200
Port Moresby	Papua	9520	15
Leningrad	U.S.S.R.	9520	100
Copenhagen	Denmark	9520	50
Greenville	U.S.A.	9520	200
Peking	China	9520	200
Wellington	New Zealand	9520	10
Tokyo	Japan	9525	150
Meyerton	S. Africa	9525	200
VOA	U.S.A.	9525	250
Addis Ababa	Ethiopia	9525	50
Warsaw	Poland	9525	120
Tirana	Albania	9525	250
Havana	Cuba	9525	40
Greenville	U.S.A.	9530	200
Delhi	India	9530	100
Moscow	U.S.S.R.	9530	150
VOA Relay	Gt. Britain	9530	200

Station		kc/s	kW	Station		kc/s	kW
VOA Relay	Liberia	9530	200	Baghdad	Iraq	9555	60
Tokyo	Japan	9530	50	Tokyo	Japan	9560	150
Amman	Jordan	9530	100	Allouis	France	9560	100
Dar Es Salaam	Tanzania	9530	35	Berlin	E. Germany	9560	150
VOA Relay	Philippines	9530	50	Karachi	Pakistan	9560	40
Kabul	Afghanistan	9530	80	Amman	Jordan	9560	25
Addis Ababa	Ethiopia	9535	50	VOA Relay	Ryukyu Isles	9560	100
Berne	Switzerland	9535	250	Serpukhov	U.S.S.R.	9560	60
Delhi	India	9535	50	Linia	Peru	9560	80
Luanda	Angola	9535	80	Kigali	Rwanda	9565	200
Tripoli	Libya	9535	40	Julich	W. Germany	9565	100
Pyongyang	N. Korea	9540	150	VOA Relay	Gt. Britain	9565	200
Petropavlovsk	U.S.S.R.	9540	100	VOA	U.S.A.	9565	150
Shepparton	Australia	9540	50	Tripoli	Libya	9565	200
Tangier	Morocco	9540	100	Santiago	Chile	9565	25
Prague	Czechoslovakia	9540	150	Madrid	Spain	9570	120
Ulan Bator	U.S.S.R.	9540	40	London	Gt. Britain	9570	250
Beirut	Lebanon	9545	60	Bucharest	Romania	9570	100
Delano	U.S.A.	9545	250	Djakarta	Indonesia	9570	100
Tema	Ghana	9545	80	Delhi	India	9570	100
Julich	W. Germany	9545	100	Meyerton	S. Africa	9570	150
VOA Relay	Philippines	9545	50	Doha	Qatar	9570	50
Tirana	Albania	9545	200	Monte Carlo	Monaco	9570	60
Shepparton	Australia	9550	100	Kaduna	Nigeria	9570	25
Moscow	U.S.S.R.	9550	100	Shepparton	Australia	9570	100
Brussels	Belgium	9550	120	Warsaw	Poland	9570	50
Bombay	India	9550	15	San Cristobal	Venezuela	9570	15
Havana	Cuba	9550	40	Puno	Peru	9570	20
Dar Es Salaam	Tanzania	9550	80	Bombay	India	9575	70
Pori	Finland	9550	25	Rome	Italy	9575	100
Sofia	Bulgaria	9550	40	Bonaire	Neth Antilles	9575	250
VOA Relay	Philippines	9555	200	Taipei	Taiwan	9575	50
Peking	China	9555	240	Godthab	Greenland	9575	12
U N Radio	U.S.A.	9555	200	Lisbon	Portugal	9575	200
London	Gt. Britain	9555	200	VOA Relay	Gt. Britain	9580	200
R. Liberty	W. Germany	9555	80	BBC Relay	Ascension I.	9580	200

Station		kc/s	kW	Station		kc/s	kW
Kazan	U.S.S.R.	9580	100	Monaco	Monte Carlo	9605	60
VOA Relay	Philippines	9580	150	Vatican City	Vatican	9605	120
London	Gt. Britain	9580	200	Julich	W. Germany	9605	120
Shepparton	Australia	9580	100	Bonair	Neth Antilles	9605	40
Lusaka	Zambia	9580	60	Quito	Ecuador	9605	60
Rio de Janeiro	Brazil	9585	150	Brazzaville	Congo	9610	40
Delhi	India	9585	100	Fredrikstad	Norway	9610	50
Allouis	France	9585	100	BBC Relay	Cyprus	9610	120
Djakarta	Indonesia	9585	50	Tula	U.S.S.R.	9610	50
Cairo	Egypt	9585	50	Nouakchott	Mauritania	9610	25
Tirana	Albania	9585	200	Perth	Australia	9610	15
Berne	Switzerland	9590	120	Vienna	Australia	9610	60
Bonair	Neth Antilles	9590	250	Delhi	India	9615	80
Peking	China	9590	200	Cairo	Egypt	9615	100
Bucharest	Romania	9590	100	VOA Relay	Morocco	9615	50
Madras	India	9590	15	San Jose	Costa Rica	9615	60
Hilversum	Netherlands	9590	120	Pyongyang	N. Korea	9615	100
Monte Carlo	Monaco	9590	80	New York	U.S.A.	9615	150
Gaborones	Botswana	9590	15	Brussels	Belgium	9615	80
Mogadishu	Somalia	9590	10	Budapest	Hungary	9615	100
Katmandu	Nepal	9590	70	Vladivostok	U.S.S.R.	9620	150
Julich	W. Germany	9595	20	Allouis	France	9620	150
Tokyo	Japan	9595	50	Saigon	S. Vietnam	9620	150
Tunis	Tunisia	9595	100	Moscow	U.S.S.R.	9620	100
Bahia	Brazil	9595	12	Montevideo	Uruguay	9620	60
BBC Relay	Ascension I.	9600	200	Belgrade	Yugoslavia	9620	75
Kiev	U.S.S.R.	9600	100	BBC Relay	Cyprus	9625	100
London	Gt. Britain	9600	150	Jerusalem	Israel	9625	100
Dacca	Pakistan	9600	80	Horby	Sweden	9625	40
Moscow	U.S.S.R.	9600	100	Sackville	Canada	9625	60
Delhi	India	9600	25	Delhi	India	9625	50
Addis Ababa	Ethiopia	9600	80	Vatican	Vatican City	9630	100
BBC Relay	Cyprus	9600	50	Prague	Czechoslovakia	9630	150
Prague	Czechoslovakia	9600	120	Serpukhov	U.S.S.R.	9630	150
Berlin	E. Germany	9605	80	Cairo	Egypt	9630	50
VOA	Philippines	9605	40				

Station		KC/S	KW
Peking	China	9630	200
VOA	Philippines	9630	200
Lisbon	Portugal	9630	100
Rome	Italy	9630	40
Singapore	Malaya	9635	60
Warsaw	Poland	9635	100
London	Gt. Britain	9635	100
Greenville	U. S. A.	9635	400
Bamako	Mali	9635	25
Monte Carlo	Monaco	9635	100
Moscow	U.S.S.R.	9640	150
VOA	U.S.A.	9640	200
London	Gt. Britain	9640	150
Julich	W. Germany	9640	120
Tenca	Ghana	9640	60
VOA	Philippines	9640	100
Suwon	S. Korea	9640	80
Karachi	Pakistan	9645	15
Fredrikstad	Norway	9645	80
Vatican	Vatican City	9645	100
Quito	Ecuador	9645	25
San Jose	Costa Rica	9645	10
Khabarovsk	U.S.S.R.	9645	50
Moscow	U.S.S.R.	9650	120
Conakry	Guinea	9650	40
BBC Relay	Cyprus	9650	80
Meyerton	S. Africa	9650	120
Greenville	U.S.A.	9650	400
Julich	W. Germany	9650	50
VOA	U.S.A.	9650	200
Minsk	U.S.S.R.	9655	50
Bangkok	Thailand	9655	40
Godthab	Greenland	9655	20
Dixon	U.S.A.	9655	200
Havana	Cuba	9655	20
Luanda	Angola	9660	80

Station		KC/S	KW
Tangier	Morocco	9660	20
Brisbane	Australia	9660	25
Sofia	Bulgaria	9660	30
Minsk	U.S.S.R.	9660	60
Madrid	Spain	9660	150
London	Gt. Britain	9660	100
Ivanofrankovsk	U.S.S.R.	9665	100
Berne	Switzerland	9665	60
Nairobi	Kenya	9665	60
Hue	S. Vietnam	9665	30
Perth	Australia	9665	40
VOA	U.S.A.	9670	400
Tokyo	Japan	9670	200
Moscow	U.S.S.R.	9670	60
Jeddah	Saudi Arabia	9670	80
Vatican	Vatican City	9670	30
Tokyo	Japan	9675	100
Cairo	Egypt	9675	50
Warsaw	Poland	9675	25
Florianopolis	Brazil	9675	15
Delhi	India	9675	50
Voronesh	U.S.S.R.	9675	200
Monte Carlo	Monaco	9680	100
VOA Relay	Gt. Britain	9680	200
London	Gt. Britain	9680	100
VOA Relay	W. Germany	9680	100
Meyerton	S. Africa	9680	50
Melbourne	Australia	9680	40
Addis Ababa	Ethiopia	9680	80
Panquio	Taiwan	9685	30
Sao Paulo	Brazil	9685	10
Moscow	U.S.S.R.	9685	150
Algiers	Algeria	9685	40
Novosibirsk	U.S.S.R.	9690	80
BBC Relay	Cyprus	9690	120
Buenos Aires	Argentina	9690	80

Station		kc/s	kW	Station		kc/s	kW
Tananarive	Malagasy	9690	40	Warsaw	Poland	9715	50
Vienna	Austria	9690	120	Brazzaville	Congo	9715	100
Julich	W. Germany	9690	100	London	Gt. Britain	9715	200
London	Gt. Britain	9690	100	Meyerton	S. Africa	9720	100
Lagos	Nigeria	9690	50	Riyazan	U.S.S.R.	9720	100
Delhi	India	9690	50	Riyadh	Saudi Arabia	9720	40
Kigali	Rwanda	9690	140	Hydrabad	India	9720	12
Tangier	Morocco	9690	120	Rio de Janeiro	Brazil	9720	40
Delhi	India	9695	30	Rangoon	Burma	9725	100
Phnom Penh	Cambodia	9695	60	Jerusalem	Israel	9725	80
Julich	W. Germany	9695	100	Julich	W. Germany	9725	60
Meyerton	S. Africa	9695	200	Tbilisi	U.S.S.R.	9725	150
Addis Ababa	Ethiopia	9695	60	VOA	U.S.A.	9730	250
Moscow	U.S.S.R.	9695	80	Bonaire	Neth Antilles	9730	100
Lisbon	Portugal	9695	25	Peking	China	9730	200
Allouis	France	9700	150	Addis Ababa	Ethiopia	9730	50
VOA	U.S.A.	9700	100	Berlin	E. Germany	9730	60
Sofia	Bulgaria	9700	100	Bangkok	Thailand	9730	50
Karachi	Pakistan	9700	50	Moscow	U.S.S.R.	9730	100
Tirana	Albania	9700	200	Peking	China	9735	200
Peking	China	9700	200	VOA	Liberia	9735	200
Niamey	Niger	9705	20	Monte Carlo	Monaco	9735	100
VOA Relay	Gt. Britain	9705	200	Kigali	Rwanda	9735	200
Julich	W. Germany	9705	100	London	Gt. Britain	9735	100
Tokyo	Japan	9705	100	Delhi	India	9740	100
Delhi	India	9705	60	Madrid	Spain	9740	100
Kiev	U.S.S.R.	9710	150	VOA Relay	Gt. Britain	9740	200
London	Gt. Britain	9710	200	Meyerton	S. Africa	9740	40
Berlin	E. Germany	9710	50	Moscow	U.S.S.R.	9740	100
Rome	Italy	9710	80	Lisbon	Portugal	9740	60
Penang	Malaysia	9710	20	Brussels	Belgium	9740	50
Quito	Ecuador	9710	80	Cairo	Egypt	9740	100
Thessaloniki	Greece	9710	30	Ramako	Mali	9745	50
Bocau	Philippines	9715	30	Sao Paulo	Brazil	9745	20
Tangier	Morocco	9715	80	Vienna	Austria	9745	50
Hilversum	Netherlands	9715	200	VOA	U.S.S.R.	9745	200



Station		kc/s	kW	Station		kc/s	kW
Ankara	Turkey	9745	50	Tirana	Albania	9780	200
Madras	India	9750	80	Erevan	U.S.S.R.	9785	100
London	Gt. Britain	9750	200	Moscow	U.S.S.R.	9790	100
Madrid	Spain	9750	100	Peking	China	9800	150
Sofia	Bulgaria	9750	50	Cairo	Egypt	9805	60
BBC Relay	Cyprus	9750	40	Moscow	U.S.S.R.	9815	100
VOA Relay	Liberia	9750	200	Peking	China	9820	50
Karachi	Pakistan	9750	40	London	Gt. Britain	9825	100
Peking	China	9750	200	Budapest	Hungary	9835	60
Tirana	Albania	9750	200	Moscow	U.S.S.R.	9845	50
Santiago	Chile	9750	15	Cairo	Egypt	9855	120
Cairo	Egypt	9755	100	Peking	China	9860	150
Orcha	U.S.S.R.	9755	120	Peking	China	9865	100
Saigon	S. Vietnam	9755	50	Peking	China	9905	200
Allouis	France	9755	120	Delhi	India	9915	50
Bethany	U.S.A.	9755	200	London	Gt. Britain	9920	50
Meyerton	S. Africa	9755	50	Peking	China	9940	100
VOA Relay	Gt. Britain	9760	200	Tirana	Albania	9945	200
Tema	Ghana	9760	200	Peking	China	9970	200
VOA Relay	Gt. Britain	9760	200	Cairo	Egypt	10120	100
VOA Relay	Philippines	9760	40	Peking	China	10160	100
Tirana	Albania	9760	250	Peking	China	10180	100
Munich	W. Germany	9760	50	Peking	China	10250	50
Madrid	Spain	9760	50	Delhi	India	10350	40
London	Gt. Britain	9765	150	Alma Ata	U.S.S.R.	10535	80
Tokyo	Japan	9765	80	Moscow	U.S.S.R.	10755	100
Delhi	India	9765	120	Peking	China	10890	100
Taipei	Taiwan	9765	40	Peking	China	11105	150
VOA	U.S.A.	9770	200	Peking	China	11295	100
Djakarta	Indonesia	9770	30	Pyongyang	N. Korea	11355	100
Vatican	Vatican City	9770	50	Peking	China	11450	200
London	Gt. Britain	9770	100	Cairo	Egypt	11480	50
Kinshasa	Congo	9770	25	Peking	China	11560	100
Vladivostok	U.S.S.R.	9770	120	Moscow	U.S.S.R.	11580	50
Rio de Janeiro	Brazil	9770	50	Peking	China	11605	120
Peking	China	9775	240	Tirana	Albania	11615	200

Station		kc/s	kW
Delhi	India	11625	60
Cairo	Egypt	11635	100
Moscow	U.S.S.R.	11640	80
Dacca	Pakistan	11655	60
Peking	China	11665	120
Dacca	Pakistan	11670	80
Karachi	Pakistan	11670	40
Peking	China	11675	140
Tirana	Albania	11675	100
London	Gt. Britain	11680	200
Cairo	Egypt	11680	50
Peking	China	11685	200
Petropavlovsk	U.S.S.R.	11685	150
Peking	China	11690	100
Berlin	E. Germany	11700	50
Serpukhov	U.S.S.R.	11700	150
Monte Carlo	Monaco	11700	50
Tokyo	Japan	11705	80
Horby	Sweden	11705	100
VOA Relay	Gt. Britain	11705	200
Vatican	Vatican City	11705	100
BBC Relay	Ascension I.	11705	200
Serpukhov	U.S.S.R.	11705	50
Teheran	Iran	11705	50
Wellington	New Zealand	11705	12
Cairo	Egypt	11710	60
VOA Relay	W. Germany	11710	100
Thessaloniki	Greece	11710	40
Addis Ababa	Ethiopia	11710	80
Buenos Aires	Argentina	11710	100
Shepparton	Australia	11710	40
Madrid	Spain	11710	80
VOA Relay	Gt. Britain	11710	100
Noumea	New Caledonia	11710	25
Peking	China	11710	150
London	Gt. Britain	11710	200

Station		kc/s	kW
Delhi	India	11710	50
Algiers	Algeria	11715	80
Berne	Switzerland	11715	300
Brussels	Belgium	11715	100
Monte Carlo	Monaco	11715	50
VOA Relay	Philippines	11715	200
Djakarta	Indonesia	11715	50
Peking	China	11720	200
London	Gt. Britain	11720	200
Brazilia	Brazil	11720	15
BBC Relay	Cyprus	11720	100
Athens	Greece	11720	20
Sverdlovsk	U.S.S.R.	11720	100
Djakarta	Indonesia	11720	50
Vatican	Vatican City	11725	100
Vienna	Austria	11725	120
Warsaw	Poland	11725	50
Taipei	Taiwan	11725	60
Delhi	India	11725	80
Bukarest	Romania	11725	100
Greenville	U.S.A.	11730	300
Hilversum	Netherlands	11730	100
Peking	China	11730	200
VOA Relay	Philippines	11730	100
Vinnitsa	U.S.S.R.	11730	60
Bonair	Neth Antilles	11730	250
Teheran	Iran	11730	50
Tangiers	Morocco	11735	80
Fredrikstad	Norway	11735	60
Havana	Cuba	11735	15
Belgrade	Yugoslavia	11735	120
Lisbon	Portugal	11735	80
Quito	Ecuador	11735	50
Montevideo	Uruguay	11735	12
Peking	China	11740	200
Swanarton	Australia	11740	40

Station		kc/s	kW	Station		kc/s	kW
VOA	U.S.A.	11740	300	Sofia	Bulgaria	11765	60
Vatican	Vatican City	11740	100	Chita	U.S.S.R.	11770	80
London	Gt. Britain	11740	200	Mexico City	Mexico	11770	120
BBC Relay	Ascension I.	11740	150	London	Gt. Britain	11770	160
Delhi	India	11740	120	BBC Relay	Cyprus	11770	100
Novosibirsk	U.S.S.R.	11740	100	Lagos	Nigeria	11770	100
Monrovia	Liberia	11740	120	Djakarta	Indonesia	11770	50
Monte Carlo	Monaco	11740	50	Madras	India	11775	80
Addis Ababa	Ethiopia	11745	80	Bukarest	Romania	11775	50
Allouis	France	11745	120	Kursk	U.S.S.R.	11775	100
Cairo	Egypt	11745	100	VOA Relay	Philippines	11775	100
Godthab	Greenland	11745	50	Berne	Switzerland	11775	120
Sao Paulo	Brazil	11745	10	Warsaw	Poland	11775	80
Tirana	Albania	11750	200	Allouis	France	11775	50
Tokyo	Japan	11750	40	Horby	Sweden	11780	50
London	Gt. Britain	11750	240	London	Gt. Britain	11780	100
Moscow	U.S.S.R.	11750	100	Lourenco Marques	Mozambique	11780	50
Brussels	Belgium	11750	60	Peking	China	11780	150
BBC Relay	Ascension I.	11750	150	Tokyo	Japan	11780	100
Tbilisi	U.S.S.R.	11755	150	Warsaw	Poland	11780	60
Cairo	Egypt	11755	80	Kigali	Rwanda	11785	200
Leningrad	U.S.S.R.	11755	100	Bonaire	Neth Antilles	11785	80
Tripoli	Libya	11755	100	Baghdad	Iraq	11785	60
Pori	Finland	11755	25	Hilversum	Netherlands	11785	120
Havana	Cuba	11760	50	Vienna	Austria	11785	80
Leningrad	U.S.S.R.	11760	50	Beirut	Lebanon	11785	80
VOA Relay	Philippines	11760	250	VOA Relay	Philippines	11785	100
BBC Relay	Cyprus	11760	60	Berlin	E. Germany	11785	200
Tangiers	Morocco	11760	100	Porto Alegre	Brazil	11785	15
Vatican	Vatican City	11760	50	Vinnitsa	U.S.S.R.	11785	100
Warsaw	Poland	11760	150	Sverdlovsk	U.S.S.R.	11785	50
Delhi	India	11760	100	Peking	China	11790	250
Pyongyang	N. Korea	11765	150	VOA Relay	Philippines	11790	150
Peking	China	11765	100	Kabul	Afghanistan	11790	80
Quito	Ecuador	11765	120	Monte Carlo	Monaco	11790	60
Shepparton	Australia	11765	80	Vienna	Austria	11790	50

Station		kc/s	kW	Station		kc/s	kW
Delhi	India	11790	50	Meyerton	S. Africa	11810	100
Riazan	U.S.S.R.	11790	120	Amman	Jordan	11810	15
Bogota	Colombia	11790	100	Tokyo	Japan	11815	100
Shepparton	Australia	11790	60	Warsaw	Poland	11815	80
VOA	U.S.A.	11790	400	Khabarovsk	U.S.S.R.	11815	40
Kinshasa	Congo	11795	60	Addis Ababa	Ethiopia	11815	60
Moscow	U.S.S.R.	11795	100	BBC Relay	Ascension I.	11820	200
Julich	W. Germany	11795	50	Tirana	Albania	11820	200
Brussels	Belgium	11795	80	Peking	China	11820	160
Tripoli	Libya	11795	75	London	Gt. Britain	11820	240
Rio de Janeiro	Brazil	11795	20	Bonaire	Neth Antilles	11820	140
Santa Cruz	Canary Isles	11800	50	Monte Carlo	Monaco	11820	60
Prague	Czechoslovakia	11800	150	Murmansk	U.S.S.R.	11820	40
Delhi	India	11800	60	Reufe	Brazil	11825	25
Rome	Italy	11800	40	Taipei	Taiwan	11825	80
Ejura	Ghana	11800	240	Horby	Sweden	11825	60
Addis Ababa	Ethiopia	11800	60	Papeete	Tahiti	11825	25
Colombo	Ceylon	11800	50	Julich	W. Germany	11825	30
Delano	U.S.A.	11805	80	Bogota	Colombia	11825	40
VOA Relay	Philippines	11805	200	VOA	U.S.A.	11830	400
VOA Relay	Gt. Britain	11805	150	VOA Relay	Philippines	11830	150
New York	U.S.A.	11805	120	Dixon	U.S.A.	11830	100
Baku	U.S.S.R.	11805	50	Bombay	India	11830	80
VOA Relay	Greece	11805	100	Moscow	U.S.S.R.	11830	150
Bangkok	Thailand	11805	80	VOA Relay	Ryukyu Isles	11830	100
London	Gt. Britain	11805	150	Algiers	Algeria	11835	100
Tangier	Morocco	11805	60	Omdurman	Sudan	11835	100
Karachi	Pakistan	11805	40	Krasnoyarsk	U.S.S.R.	11835	50
Delhi	India	11810	80	Peking	China	11835	200
Horby	Sweden	11810	50	Montevideo	Uruguay	11835	40
Simferopol	U.S.S.R.	11810	60	Tirana	Albania	11835	100
Rome	Italy	11810	60	Serpukhov	U.S.S.R.	11835	60
Berlin	E. Germany	11810	100	Shepparton	Australia	11840	100
Algiers	Algeria	11810	50	Tangiers	Morocco	11840	50
Shepparton	Australia	11810	120	Warsaw	Poland	11840	50
Bukarest	Romania	11810	60	London	Gt. Britain	11840	240

Station		kc/s	kW	Station		kc/s	kW
Tokyo	Japan*	11840	100	BBC Relay	Malaysia	11860	30
Havana	Cuba	11840	40	Peking	China	11865	200
Dixon	U.S.A.	11840	150	Delhi	India	11865	100
Lisbon	Portugal	11840	100	Berne	Switzerland	11865	120
VOA Relay	Greece	11840	50	Tirana	Albania	11865	200
Lourenco Marques	Mozambique	11845	40	Lubumbashi	Congo	11865	80
Kuwait	Kuwait	11845	200	Delhi	India	11865	80
London	Gt. Britain	11845	200	Karachi	Pakistan	11865	50
Hilversum	Netherlands	11845	100	VOA	U.S.A.	11865	250
Peking	China	11845	200	Kaunas	U.S.S.R.	11870	100
Kazan	U.S.S.R.	11845	80	Bombay	India	11870	50
Tirana	Albania	11845	150	Peking	China	11870	100
Allouis	France	11845	100	Thessaloniki	Greece	11870	25
Berne	Switzerland	11845	120	Tangier	Morocco	11870	80
Rome	Italy	11845	80	Meyerton	S. Africa	11875	100
Fredrikstad	Norway	11850	80	Salvador	Brazil	11875	20
Ejura	Ghana	11850	200	Rome	Italy	11875	120
VOA	U.S.A.	11850	250	Tokyo	Japan	11875	80
Delhi	India	11850	100	Brussels	Belgium	11875	60
Tirana	Albania	11850	50	Monrovia	Liberia	11875	150
Addis Ababa	Ethiopia	11850	50	Cairo	Egypt	11875	120
BBC Relay	Malaysia	11850	100	Julich	W. Germany	11875	60
Delhi	India	11855	40	Lagos	Nigeria	11875	80
VOA Relay	Greece	11855	60	Moscow	U.S.S.R.	11875	120
New York	U.S.A.	11855	120	Shepparton	Australia	11880	60
Baghdad	Iraq	11855	80	Port Moresley	Papua	11880	15
Tirana	Albania	11855	100	Sverdlovsk	U.S.S.R.	11880	60
Jeddah	Saudi Arabia	11855	50	Warsaw	Poland	11880	150
Peking	China	11855	150	London	Gt. Britain	11880	100
Vienna	Austria	11855	100	Horby	Sweden	11880	50
Addis Ababa	Ethiopia	11855	80	Lourenco Marques	Mozambique	11880	40
Gorki	U.S.S.R.	11860	200	Buenos Aires	Argentina	11880	50
BBC Relay	Ascension I.	11860	200	Montevideo	Uruguay	11885	25
Fredrikstad	Norway	11860	50	Bukarest	Romania	11885	100
London	Gt. Britain	11860	120	Karachi	Pakistan	11885	50
Monte Carlo	Monaco	11860	50	Delhi	India	11885	60

Station		kc/s	kW	Station		kc/s	kW
Vatican	Vatican City	11885	100	Julich	W. Germany	11905	100
Bocause	Philippines	11890	60	Rome	Italy	11905	120
Erevan	U.S.S.R.	11890	100	BBC Relay	Cyprus	11905	150
VOA	U.S.A.	11890	200	Delhi	India	11910	100
Greenville	U.S.A.	11890	300	Quito	Ecuador	11910	50
BBC Relay	Cyprus	11890	50	Budapest	Hungary	11910	60
Berlin	E. Germany	11890	100	Bangkok	Thailand	11910	75
Addis Ababa	Ethiopia	11890	80	Addis Ababa	Ethiopia	11910	100
London	Gt. Britain	11890	250	Noumea	New Caledonia	11910	30
Horby	Sweden	11895	80	Peking	China	11910	200
Delhi	India	11895	50	Cairo	Egypt	11910	100
Dakar	Senegal	11895	100	Tangier	Morocco	11915	40
Bombay	India	11895	50	VOA Relay	Gt. Britain	11915	200
Copenhagen	Denmark	11895	100	Damascus	Syria	11915	25
VOA Relay	Philippines	11895	150	London	Gt. Britain	11915	100
Suva	Fiji Isles	11895	15	Monrovia	Liberia	11915	200
Tirana	Albania	11895	200	Porto Alegre	Brazil	11915	40
Lisbon	Portugal	11895	50	Greenville	U.S.A.	11915	300
Peking	China	11895	125	Lagos	Nigeria	11915	60
Moscow	U.S.S.R.	11895	150	Horby	Sweden	11915	80
Kaunas	U.S.S.R.	11900	60	Orenburg	U.S.S.R.	11915	60
Bethany	U.S.A.	11900	400	Bukarest	Romania	11920	100
Sfax	Tunisia	11900	120	Delhi	India	11920	80
Kuala Lumpur	Malaysia	11900	80	Monte Carlo	Monaco	11920	60
Lagos	Nigeria	11900	50	Bocause	Philippines	11920	60
Meyerton	S. Africa	11900	100	Allouis	France	11920	140
Cairo	Egypt	11900	150	Moscow	U.S.S.R.	11920	100
Tsibilli	U.S.S.R.	11900	100	Okinawa	Ryukyu Isles	11920	60
Lvov	U.S.S.R.	11900	100	Abidjan	Ivory Coast	11920	40
Montevideo	Uruguay	11900	50	Kuwait	Kuwait	11920	150
Kigali	Rwanda	11905	200	London	Gt. Britain	11920	240
Vatican	Vatican City	11905	100	Baku	U.S.S.R.	11920	140
Bukarest	Romania	11905	100	London	Gt. Britain	11925	240
Peking	China	11905	200	Monrovia	Liberia	11925	200
Irkutsk	U.S.S.R.	11905	50	Peking	China	11925	200
London	Gt. Britain	11905	100	Kigali	Rwanda	11925	150

Station		kc/s	kW	Station		kc/s	kW
Cairo	Egypt	11925	120	Monte Carlo	Monaco	11950	100
Lisbon	Portugal	11925	30	Riyadh	Saudi Arabia	11950	100
Julich	W. Germany	11925	100	Kharkov	U.S.S.R.	11950	120
BBC Relay	Cyprus	11925	60	Monrovia	Liberia	11950	60
Delhi	India	11925	80	Sofia	Bulgaria	11950	60
Tashkent	U.S.S.R.	11925	80	Rio de Janeiro	Brazil	11950	40
Moscow	U.S.S.R.	11930	200	Warsaw	Poland	11955	80
Grenada	Windward Isles	11930	30	VOA Relay	W. Germany	11955	150
VOA Relay	Philippines	11930	120	BBC Relay	Malaysia	11955	100
Sfax	Tunisia	11930	40	VOA	U.S.A.	11955	450
Havana	Cuba	11930	30	Serpukhov	U.S.S.A.	11955	40
Allouis	France	11930	80	Belmont	U.S.A.	11955	250
Meyerton	S. Africa	11935	120	London	Gt. Britain	11955	200
Madrid	Spain	11935	70	Bamako	Mali	11960	40
Brussels	Belgium	11935	100	Santiago	Chile	11960	25
VOA Relay	Morocco	11935	50	Delhi	India	11960	80
Sackville	Canada	11935	70	VOA Relay	Greece	11960	50
VOA Relay	Greece	11935	50	Quito	Ecuador	11960	60
Kuwait	Kuwait	11940	200	Prague	Czechoslovakia	11960	70
Tirana	Albania	11940	240	Tangier	Morocco	11960	50
Peking	China	11940	150	Kazan	U.S.S.R.	11965	120
Tokyo	Japan	11940	60	Rome	Italy	11965	60
Krasnoyarsk	U.S.S.R.	11940	200	Bombay	India	11965	80
Singapore	Malaya	11940	80	Tokyo	Japan	11965	150
Bukarest	Romania	11940	50	Tirana	Albania	11965	200
London	Gt. Britain	11945	200	Peking	China	11965	240
BBC Relay	Greece	11945	50	Julich	W. Germany	11965	120
Peking	China	11945	150	Okinawa	Ryukyu Isles	11965	60
Sverdlovsk	U.S.S.R.	11945	40	Sao Paulo	Brazil	11965	40
Sackville	Canada	11945	50	Sackville	Canada	11965	120
Hilversum	Netherlands	11945	120	Cairo	Egypt	11965	80
Greenville	U.S.A.	11945	80	VOA Relay	Philippines	11965	100
Julich	W. Germany	11945	120	Kaduna	Nigeria	11965	40
Delhi	India	11945	60	Kigali	Rwanda	11965	150
Tokyo	Japan	11950	80	Omsk	U.S.S.R.	11965	60
Salgon	S. Vietnam	11950	50	Meyerton	S. Africa	11970	100

Station		kc/s	kW	Station		kc/s	kW
VOA	U.S.A.	11970	200	Peking	China	12055	250
Madrid	Spain	11970	150	Lisbon	Portugal	12060	100
VOA Relay	Gt. Britain	11970	200	Peking	China	12090	200
Horby	Sweden	11970	80	London	Gt. Britain	12095	150
Grenada	Windward Isles	11970	60	Moscow	U.S.S.R.	12105	100
Beirut	Lebanon	11970	80	Teheran	Iran	12170	50
London	Gt. Britain	11970	200	London	Gt. Britain	12190	50
Tunis	Tunisia	11970	60	Magadan	U.S.S.R.	12250	60
Sofia	Bulgaria	11970	50	Lisbon	Portugal	12380	30
Riazan	U.S.S.R.	11970	100	Alma Ata	U.S.S.R.	13900	50
Monrovia	Liberia	11970	60	Tirana	Albania	14600	100
Brazzaville	Congo	11975	80	Moscow	U.S.S.R.	14850	80
Moscow	U.S.S.R.	11975	150	Peking	China	15010	150
Taipai	Taiwan	11975	60	Hanoi	N. Vietnam	15020	70
Allouis	France	11975	80	Peking	China	15035	100
Peking	China	11980	200	Cairo	Egypt	15055	120
Cairo	Egypt	11980	50	Peking	China	15065	100
Tirana	Albania	11980	200	London	Gt. Britain	15070	100
Karachi	Pakistan	11980	60	Peking	China	15080	150
Prague	Czechoslovakia	11985	80	Bombay	India	15085	80
Moscow	U.S.S.R.	11985	150	Teheran	Iran	15090	200
Dushambe	U.S.S.R.	11985	50	Peking	China	15095	200
Warsaw	Poland	11995	80	Krasnoyarsk	U.S.S.R.	15600	80
Armavir	U.S.S.R.	11995	50	Karachi	Pakistan	15100	30
Cairo	Egypt	12000	100	Berlin	E. Germany	15100	50
Moscow	U.S.S.R.	12010	50	Madrid	Spain	15105	100
Peking	China	12010	200	Delhi	India	15105	100
Moscow	U.S.S.R.	12020	100	BBC Relay	Ascension I.	15105	200
Tirana	Albania	12020	200	VOA Relay	Greece	15105	60
Peking	China	12025	240	Horby	Sweden	15105	80
Kiev	U.S.S.R.	12025	50	BBC Relay	Cyprus	15105	120
Peking	China	12030	200	Tokyo	Japan	15105	50
Tula	U.S.S.R.	12035	70	Cairo	Egypt	15105	50
London	Gt. Britain	12040	200	VOA Relay	Philippines	15110	200
Vladivostok	U.S.S.R.	12045	100	Grenada	Windward Isles	15110	80
Moscow	U.S.S.R.	12050	50	Kiev	U.S.S.R.	15110	120



Station		kc/s	kW	Station		kc/s	kW
Bethany	U.S.A.	15110	100	BBC Relay	Ascension I.	15140	120
Quito	Ecuador	15110	50	Riazan	U.S.S.R.	15140	200
Lisbon	Portugal	15115	150	Berlin	E. Germany	15140	80
Dakar	Senegal	15115	50	Shepparton	Australia	15140	150
Vatican	Vatican City	15115	100	Bamako	Mali	15145	50
Quito	Ecuador	15115	80	Vienna	Austria	15145	100
Jeddah	Saudi Arabia	15115	50	Lisbon	Portugal	15145	80
Kiev	U.S.S.R.	15120	50	Recife	Brazil	15145	40
Allouis	France	15120	150	Tula	U.S.S.R.	15145	80
Colombo	Ceylon	15120	100	Manila	Philippines	15145	50
Warsaw	Poland	15120	100	Kuwait	Kuwait	15150	200
Lagos	Nigeria	15120	60	Minsk	U.S.S.R.	15150	100
Djakarta	Indonesia	15120	50	Pyongyang	N. Korea	15150	60
Kuwait	Kuwait	15125	150	Djakarta	Indonesia	15150	25
Shepparton	Australia	15125	100	Jeddah	Saudi Arabia	15150	60
Taipei	Taiwan	15125	80	Lima	Peru	15150	50
Berlin	E. Germany	15125	100	Suwon	S. Korea	15155	40
Berne	Switzerland	15125	50	Sao Paulo	Brazil	15155	100
Julich	W. Germany	15125	100	Lagos	Nigeria	15155	60
Delhi	India	15125	50	Allouis	France	15155	120
Allouis	France	15130	100	VOA Relay	Philippines	15155	150
Madrid	Spain	15130	200	Havana	Cuba	15155	40
Bombay	India	15130	50	Vatican	Vatican City	15155	80
Simferopol	U.S.S.R.	15130	100	Budapest	Hungary	15155	50
Monrovia	Liberia	15130	100	VOA	U.S.A.	15160	300
Addis Ababa	Ethiopia	15130	50	Moscow	U.S.S.R.	15160	150
Cairo	Egypt	15135	60	Ankara	Turkey	15160	100
Quito	Ecuador	15135	80	Bethany	U.S.A.	15160	200
Delhi	India	15135	50	VOA Relay	Greece	15160	50
Allouis	France	15135	70	Shepparton	Australia	15160	25
Tokyo	Japan	15135	150	Peking	China	15165	200
Addis Ababa	Ethiopia	15135	100	Julich	W. Germany	15165	100
Peking	China	15135	120	Delhi	India	15165	100
Tirana	Albania	15135	200	VOA Relay	Morocco	15165	100
Berne	Switzerland	15140	100	Copenhagen	Denmark	15165	50
London	Gt. Britain	15140	200	Damascus	Syria	15165	80

Station		kc/s	kW	Station		kc/s	kW
Fortaleza	Brazil	15165	40	Tokyo	Japan	15195	100
Lisbon	Portugal	15170	150	Madrid	Spain	15195	240
Amman	Jordan	15170	50	Ankara	Turkey	15195	120
Lvov	U.S.S.R.	15170	100	VOA	U.S.A.	15195	500
Addis Ababa	Ethiopia	15170	50	VOA Relay	Morocco	15195	150
Papeete	Tahiti	15170	40	BBC Relay	Greece	15195	80
Omdurman	Sudan	15170	100	Monrovia	Liberia	15195	200
Monrovia	Liberia	15170	50	London	Gt. Britain	15195	240
Cairo	Egypt	15175	100	Tema	Ghana	15195	100
Meyerton	S. Africa	15175	180	Meyerton	S. Africa	15200	200
VOA Relay	Philippines	15175	200	Algiers	Algeria	15200	60
Lvov	U.S.S.R.	15175	100	London	Gt. Britain	15200	200
Hilversum	Netherlands	15180	120	Lagos	Nigeria	15200	120
Warsaw	Poland	15180	100	Peking	China	15200	240
Berne	Switzerland	15180	120	Kalach	U.S.S.R.	15200	60
London	Gt. Britain	15180	150	Tirana	Albania	15200	200
Armavir	U.S.S.R.	15180	100	Allouis	France	15200	100
VOA	U.S.A.	15180	400	Bukarest	Romania	15200	120
BBC Relay	Ascension I.	15180	150	Berlin	E. Germany	15200	120
Peking	China	15180	200	VOA	U.S.A.	15205	500
Delhi	India	15180	80	Julich	W. Germany	15205	120
Pori	Finland	15185	100	VOA Relay	Gt. Britain	15205	200
Allouis	France	15185	120	Delhi	India	15205	80
Damascus	Syria	15185	50	VOA Relay	Morocco	15205	100
Quito	Ecuador	15185	60	Peking	China	15205	200
Bukarest	Romania	15185	50	London	Gt. Britain	15205	240
Tangier	Morocco	15185	100	Karachi	Pakistan	15205	50
VOA Relay	Philippines	15185	200	VOA Relay	Philippines	15210	120
VOA	U.S.A.	15190	200	Okinawa	Ryukyu Isles	15210	150
Havana	Cuba	15190	60	Vienna	Austria	15210	100
Delhi	India	15190	150	Moscow	U.S.S.R.	15210	150
Brazzaville	Congo	15190	70	Vatican	Vatican City	15210	120
Sackville	Canada	15190	100	Berlin	E. Germany	15210	50
Addis Ababa	Ethiopia	15190	100	Delhi	India	15215	100
Munich	W. Germany	15190	80	Lisbon	Portugal	15215	80
VOA Relay	Gt. Britain	15190	100	Warsaw	Poland	15215	100

Station		kc / s	kW
New York	U.S.A.	15215	150
Sfax	Tunisia	15215	50
Riga	U.S.S.R.	15220	200
Shepparton	Australia	15220	100
Meyerton	S. Africa	15220	200
Bonaire	Neth Antilles	15220	250
Peking	China	15220	150
Hilversum	Netherlands	15220	120
Beirut	Lebanon	15220	50
Madrid	Spain	15225	80
VOA	U.S.A.	15225	400
Voronezh	U.S.S.R.	15225	180
Salvador	Brazil	15225	20
VOA Relay	Morocco	15225	100
London	Gt. Britain	15225	200
Bukarest	Romania	15225	50
Peking	China	15230	200
Havana	Cuba	15230	60
Brussels	Belgium	15230	120
Karachi	Pakistan	15230	60
Tirana	Albania	15230	300
Colombo	Ceylon	15230	60
Voronezh	U.S.S.R.	15230	240
Shepparton	Australia	15230	60
Tokyo	Japan	15235	150
BBC Relay	Ascension I.	15235	200
Vinnitza	U.S.S.R.	15235	80
Berne	Switzerland	15235	120
London	Gt. Britain	15235	150
Delhi	India	15235	100
Addis Ababa	Ethiopia	15235	100
Lisbon	Portugal	15235	50
VOA	U.S.A.	15235	400
BBC Relay	Cyprus	15235	80
Belgrade	Yugoslavia	15240	200
Cairo	Egypt	15240	80

Station		kc / s	kW
Horbj	Sweden	15240	100
Peking	China	15240	200
Prague	Czechoslovakia	15240	60
Shepparton	Australia	15240	60
Berlin	E. Germany	15240	100
Sofia	Bulgaria	15245	120
Meyerton	S. Africa	15245	200
Belem	Brazil	15245	25
Leningrad	U.S.S.R.	15245	80
Allouis	France	15245	120
Tangier	Morocco	15245	100
Kinshasa	Congo	15245	150
VOA	U.S.A.	15245	400
Julich	W. Germany	15245	120
Bonaire	Neth Antilles	15250	150
Honolulu	Hawaii	15250	80
London	Gt. Britain	15250	150
Delhi	India	15250	80
Addis Ababa	Ethiopia	15250	120
Bukarest	Romania	15250	50
VOA Relay	Philippines	15250	70
VOA Relay	Morocco	15250	120
Djakarta	Indonesia	15250	60
Peking	China	15255	200
Lvov	U.S.S.R.	15255	70
Lisbon	Portugal	15255	40
Khabarovsk	U.S.S.R.	15255	100
Vatican	Vatican City	15255	120
Phnom Penh	Cambodia	15255	60
Lagos	Nigeria	15255	50
Berlin	E. Germany	15260	80
Tokyo	Japan	15260	50
VOA	U.S.A.	15260	400
London	Gt. Britain	15260	250
BBC Relay	Cyprus	15260	80
Monrovia	Liberia	15260	75

Station		kc/s	kW	Station		kc/s	kW
Kazan	U.S.S.R.	15260	50	London	Gt. Britain	15285	100
BBC Relay	Ascension I.	15260	200	Havana	Cuba	15285	30
Victoria	Seychelles	15260	40	Prague	Czechoslovakia	15285	100
Kinshasa	Congo	15265	80	Rio de Janeiro	Brazil	15285	25
Kabul	Afghanistan	15265	50	Irkutsk	U.S.S.R.	15285	40
Lisbon	Portugal	15265	150	London	Gt. Britain	15290	200
Kenga	U.S.S.R.	15265	60	VOA Relay	Morocco	15290	80
Tirana	Albania	15265	200	Damascus	Syria	15290	80
Peking	China	15265	100	Buenos Aires	Argentina	15290	100
Sao Paulo	Brazil	15265	40	VOA	U.S.A.	15290	400
Monrovia	Liberia	15265	150	VOA Relay	Philippines	15290	80
Darwin	Australia	15270	180	Delhi	India	15290	50
Berlin	E. Germany	15270	50	Voronesh	U.S.S.R.	15295	200
Havana	Cuba	15270	60	VOA	U.S.A.	15295	200
VOA Relay	Morocco	15270	100	Allouis	France	15295	120
Peking	China	15270	250	Shepparton	Australia	15295	60
Julich	W. Germany	15275	80	Rio de Janeiro	Brazil	15295	40
Horby	Sweden	15275	80	Lourenco Marques	Mozambique	15295	50
Warsaw	Poland	15275	120	VOA Relay	Morocco	15295	60
Delhi	India	15275	80	Tokyo	Japan	15300	200
Bukarest	Romania	15275	150	Havana	Cuba	15300	60
Montevideo	Uruguay	15275	40	Bukarest	Romania	15300	100
Omsk	U.S.S.R.	15275	50	Julich	W. Germany	15300	80
Bonaire	Neth Antilles	15275	100	Bocaue	Philippines	15300	60
Beirut	Lebanon	15280	50	BBC Relay	Malaysia	15300	150
London	Gt. Britain	15280	200	Peking	China	15300	200
VOA	U.S.A.	15280	400	Lisbon	Portugal	15300	200
Kuala Lumpur	Malaysia	15280	60	Santiago	Chile	15300	40
Riyadh	Saudi Arabia	15280	60	London	Gt. Britain	15300	200
Belmont	U.S.A.	15280	150	Cairo	Egypt	15300	100
Wellington	New Zealand	15280	30	Berne	Switzerland	15305	120
Ejura	Ghana	15285	200	Voronesh	U.S.S.R.	15305	150
Vatican	Vatican City	15285	80	VOA Relay	Gt. Britain	15310	240
Peking	China	15285	120	Delhi	India	15310	60
Tirana	Albania	15285	120	Conakry	Guinea	15310	60
Colombo	Ceylon	15285	40	Prague	Czechoslovakia	15310	100

Station		kc/s	kW	Station		kc/s	kW
VOA Relay	W. Germany	15310	150	BBC Relay	Cyprus	15330	70
Victoria	Seychelles	15310	40	Lagos	Nigeria	15330	50
Sofia	Bulgaria	15310	80	Madras	India	15335	80
BBC Relay	Malaysia	15310	50	Allouis	France	15335	120
BBC Relay	Cyprus	15310	60	Bogota	Colombia	15335	40
Novosibirsk	U.S.S.R.	15310	120	Vienna	Austria	15335	100
Rome	Italy	15310	50	Karachi	Pakistan	15335	50
Horby	Sweden	15310	80	Porto Alegre	Brazil	15340	25
VOA	U.S.A.	15315	400	Lisbon	Portugal	15340	80
Lisbon	Portugal	15315	150	Berlin	E. Germany	15340	100
Karachi	Pakistan	15315	40	Athens	Greece	15340	25
Peking	China	15315	200	Delhi	India	15340	150
Berlin	E. Germany	15315	50	Rome	Italy	15340	80
Brussels	Belgium	15315	120	Bonaire	Neth Antilles	15340	150
Allouis	France	15315	50	Hilversum	Netherlands	15340	50
Cairo	Egypt	15315	40	Kuwait	Kuwait	15345	200
VOA Relay	Morocco	15315	100	VOA Relay	Philippines	15345	150
Addis Ababa	Ethiopia	15315	100	Fredrikstad	Norway	15345	50
Shepparton	Australia	15320	100	Allouis	France	15345	120
Bonaire	Neth Antilles	15320	250	Cairo	Egypt	15345	50
Kazan	U.S.S.R.	15320	120	Amman	Jordan	15345	80
Julich	W. Germany	15320	150	Buenos Aires	Argentina	15345	120
Hilversum	Netherlands	15320	150	Havana	Cuba	15345	100
Quito	Ecuador	15320	40	Tashkent	U.S.S.R.	15350	50
Sackville	Canada	15320	100	Peking	China	15350	200
Monrovia	Liberia	15325	200	Beirut	Lebanon	15350	50
Vienna	Austria	15325	50	Tirana	Albania	15350	50
Kaunas	U.S.S.R.	15325	140	Vologda	U.S.S.R.	15350	100
Karachi	Pakistan	15325	100	Lisbon	Portugal	15355	100
Bukarest	Romania	15325	50	Darwin	Australia	15355	200
Rome	Italy	15330	150	Montevideo	Uruguay	15355	40
Tangier	Morocco	15330	40	Moscow	U.S.S.R.	15355	100
Bethany	U.S.A.	15330	300	VOA Relay	Liberia	15360	150
Vatican	Vatican City	15330	100	BBC Relay	Ascension I.	15360	200
Kazan	U.S.S.R.	15330	200	Tenerife	Canary Isles	15360	40
Saigon	S. Vietnam	15330	120	Meyerton	S. Africa	15360	150

Station		kc/s	kW	Station		kc/s	kW
Peking	China	15360	200	BBC Relay	Ascension I.	15400	150
Prague	Czechoslovakia	15365	120	Rome	Italy	15400	120
VOA Relay	Ryukyu Isles	15365	100	VOA	U.S.A.	15400	400
VOA Relay	Philippines	15365	50	Peking	China	15400	250
Salgon	S. Vietnam	15365	120	Addis Ababa	Ethiopia	15400	120
Lagos	Nigeria	15365	50	Vienna	Austria	15400	50
Havana	Cuba	15365	75	VOA Relay	Gt. Britain	15400	200
Boston	U.S.A.	15370	120	London	Gt. Britain	15400	200
Monrovia	Liberia	15370	100	Kigali	Rwanda	15400	160
Taipei	Taiwan	15370	60	Baghdad	Iraq	15405	75
VOA	U.S.A.	15370	400	Khabarovsk	U.S.S.R.	15405	100
Madrid	Spain	15370	300	Julich	W. Germany	15405	120
BBC Relay	Cyprus	15375	150	Monrovia	Liberia	15405	80
Rome	Italy	15375	50	Kabul	Afghanistan	15410	70
London	Gt. Britain	15375	300	Moscow	U.S.S.R.	15410	150
Leningrad	U.S.S.R.	15375	80	Dacca	Pakistan	15410	60
Allouis	France	15375	100	VOA Relay	Philippines	15410	250
Bukarest	Romania	15380	50	VOA	U.S.A.	15410	500
Kigali	Rwanda	15380	120	Vienna	Austria	15410	120
Vienna	Austria	15380	70	Quito	Ecuador	15415	100
Karachi	Pakistan	15380	50	Kiev	U.S.S.R.	15415	60
Julich	W. Germany	15380	40	Dakar	Senegal	15415	50
Peking	China	15385	200	Moscow	U.S.S.R.	15420	150
VOA	U.S.A.	15385	300	Madrid	Spain	15420	120
Gorkl	U.S.S.R.	15385	150	BBC Relay	Cyprus	15420	100
Tunis	Tunisia	15385	80	Peking	China	15420	200
Addis Ababa	Ethiopia	15385	50	Tirana	Albania	15420	250
Bocau	Philippines	15385	70	London	Gt. Britain	15420	200
London	Gt. Britain	15390	200	Simferopol	U.S.S.R.	15425	80
Shepparton	Australia	15390	25	Perth	Australia	15425	100
Berlin	E. Germany	15390	80	Hilversum	Netherlands	15425	120
VOA Relay	Philippines	15395	150	Moscow	U.S.S.R.	15425	100
Tashkent	U.S.S.R.	15395	100	Athens	Greece	15425	80
Dixon	U.S.A.	15395	350	Berne	Switzerland	15430	120
Caracas	Venezuela	15395	40	Suwon	S. Korea	15430	100
	Atlanta	15400	300	Vienna	Austria	15430	50

						kc/s	kW
VOA	U.S.A.	15430	500	Karachi	Pakistan	15525	120
Delhi	India	15430	60	Moscow	U.S.S.R.	15545	200
Peking	China	15435	200	Peking	China	15560	120
London	Gt. Britain	15435	200	Peking	China	15575	100
Dar Es Salaam	Tanzania	15435	40	Moscow	U.S.S.R.	15600	250
Kigali	Rwanda	15435	140	Peking	China	15660	100
Julich	W. Germany	15435	70	Peking	China	15700	80
BBC Relay	Ascension I.	15435	180	Moscow	U.S.S.R.	15760	200
Bonaire	Neth Antilles	15435	220	London	Gt. Britain	15900	80
Prague	Czechoslovakia	15440	60	Peking	China	16240	160
Riazan	U.S.S.R.	15440	120	Moscow	U.S.S.R.	16260	100
Bocau	Philippines	15440	100	Pyongyang	N. Korea	16310	120
Beirut	Lebanon	15440	50	Tirana	Albania	16340	300
Bukarest	Romania	15440	50	Peking	China	16425	120
Madrid	Spain	15445	300	Havana	Cuba	17180	80
Monrovia	Liberia	15445	250	Moscow	U.S.S.R.	17275	200
Tokyo	Japan	15445	180	Peking	China	17550	200
Julich	W. Germany	15445	120	Delhi	India	17600	50
Ulan Bator	U.S.S.R.	15445	80	Peking	China	17640	100
Allouis	France	15445	80	Moscow	U.S.S.R.	17650	120
Horby	Sweden	15445	50	Cairo	Egypt	17660	60
Brazzaville	Congo	15445	60	Tirana	Albania	17680	200
Moscow	U.S.S.R.	15450	100	London	Gt. Britain	17695	200
Brazilia	Brazil	15450	30	Berlin	E. Germany	17700	120
Peking	China	15450	200	Tripoli	Libya	17700	120
Tirana	Albania	15450	150	Brussels	Belgium	17700	50
Karachi	Pakistan	15455	80	Bombay	India	17705	150
Moscow	U.S.S.R.	15460	150	VOA	U.S.A.	17705	400
Peking	China	15470	150	London	Gt. Britain	17705	200
Cairo	Egypt	15475	40	VOA Relay	W. Germany	17705	250
Orenburg	U.S.S.R.	15485	75	VOA Relay	Liberia	17705	200
Dacca	Pakistan	15495	50	Julich	W. Germany	17705	100
Moscow	U.S.S.R.	15500	250	Moscow	U.S.S.R.	17710	100
Peking	China	15505	150	Phnom Penh	Cambodia	17710	50
Peking	China	15515	200	Bamako	Mali	17710	80
Pyongyang	N. Korea	15520	100	VOA	U.S.A.	17710	400

Station		kc/s	kW	Station		kc/s	kW
Lagos	Nigeria	17710	80	Allouis	France	17735	120
Bukarest	Romania	17710	70	Lagos	Nigeria	17735	50
Sackville	Canada	17710	40	Moscow	U.S.S.R.	17735	200
Peking	China	17715	200	London	Gt. Britain	17740	200
Shepparton	Australia	17715	30	Monrovia	Liberia	17740	200
Vatican	Vatican City	17715	80	Rome	Italy	17740	100
Havana	Cuba	17715	50	BBC Relay	Ascension I.	17740	250
London	Gt. Britain	17715	200	Delhi	India	17740	40
Delhi	India	17715	40	Lisbon	Portugal	17740	60
Vienna	Austria	17715	80	Kursk	U.S.S.R.	17745	100
Darwin	Australia	17715	80	VOA	U.S.A.	17745	400
Beirut	Lebanon	17715	50	Tokyo	Japan	17745	120
Moscow	U.S.S.R.	17715	150	Brussels	Belgium	17745	50
Prague	Czechoslovakia	17715	60	Peking	China	17745	200
Allouis	France	17720	100	Athens	Greece	17745	30
Kazan	U.S.S.R.	17720	60	Madrid	Spain	17750	200
Brazzaville	Congo	17720	60	VOA Relay	Philippines	17750	150
Taipei	Taiwan	17720	120	VOA	U.S.A.	17750	300
Ankara	Turkey	17720	100	Hilversum	Netherlands	17750	80
VOA	U.S.A.	17720	200	Kuwait	Kuwait	17750	100
Red Lion	U.S.A.	17720	50	Cairo	Egypt	17750	50
Tokyo	Japan	17725	120	Vienna	Austria	17750	70
Cairo	Egypt	17725	80	Beirut	Lebanon	17750	40
Lisbon	Portugal	17725	50	Delhi	India	17755	70
Bamako	Mali	17725	50	New York	U.S.A.	17755	40
Serpukhov	U.S.S.R.	17730	200	Fredrikstad	Norway	17755	80
Havana	Cuba	17730	80	Bukarest	Romania	17760	80
Bukarest	Romania	17730	100	Moscow	U.S.S.R.	17760	200
Tananarive	Malagasy	17730	40	Shepparton	Australia	17760	40
Berlin	E. Germany	17730	100	Karachi	Pakistan	17760	60
Peking	China	17730	160	Kigali	Rwanda	17765	150
Vienna	Austria	17730	80	Monrovia	Liberia	17765	100
Tirana	Albania	17730	250	Allouis	France	17765	150
VOA Relay	Philippines	17735	200	Julich	W. Germany	17765	80
Lisbon	Portugal	17735	50	Tula	U.S.S.R.	17765	100
				Delano	U.S.A.	17765	200



		kc/s	kW	Station		kc/s	kW
Addis Ababa	Ethiopia	17770	100	Tirana	Albania	17795	200
Rome	Italy	17770	140	Vatican	Vatican City	17800	80
Lisbon	Portugal	17770	60	Kigali	Rwanda	17800	140
Wellington	New Zealand	17770	40	VOA Relay	Morocco	17800	250
Novosibirsk	U.S.S.R.	17770	100	Karachi	Pakistan	17800	60
Horby	Sweden	17770	80	Warsaw	Poland	17800	75
London	Gt. Britain	17775	200	Bonaire	Neth Antilles	17805	180
Delhi	India	17775	60	Irkutsk	U.S.S.R.	17805	70
VOA	U.S.A.	17775	400	Lisbon	Portugal	17805	60
Riazan	U.S.S.R.	17775	80	Peking	China	17805	200
Karachi	Pakistan	17775	50	Tallinn	U.S.S.R.	17805	70
Peking	China	17780	250	VOA	U.S.A.	17805	400
Lagos	Nigeria	17780	120	Hilversum	Netherlands	17810	150
Lvov	U.S.S.R.	17780	60	London	Gt. Britain	17810	200
Taipei	Taiwan	17780	80	Bocau	Philippines	17810	50
VOA Relay	Gt. Britain	17780	250	Kuwait	Kuwait	17810	100
Brussels	Belgium	17780	120	Peking	China	17810	200
Quito	Ecuador	17780	70	Tangier	Morocco	17810	100
VOA Relay	Morocco	17780	150	Vatican	Vatican City	17815	100
Kabul	Afghanistan	17780	60	VOA	U.S.A.	17815	400
Vienna	Austria	17780	100	Simferopol	U.S.S.R.	17815	50
Cairo	Egypt	17785	70	Rome	Italy	17815	100
Tokyo	Japan	17785	200	Havana	Cuba	17815	60
VOA	U.S.A.	17785	400	Sao Paulo	Brazil	17815	25
Frunze	U.S.S.R.	17785	80	Colombo	Ceylon	17815	50
Brazzaville	Congo	17785	200	Karachi	Pakistan	17815	60
London	Gt. Britain	17790	240	Ankara	Turkey	17815	100
Julich	W. Germany	17790	60	London	Gt. Britain	17820	200
Meyerton	S. Africa	17790	200	Shepparton	Australia	17820	60
Bethany	U.S.A.	17790	150	Sackville	Canada	17820	120
Berne	Switzerland	17795	50	Tashkent	U.S.S.R.	17820	70
Rome	Italy	17795	120	Delhi	India	17820	50
Peking	China	17795	200	Komsomolsk	U.S.S.R.	17820	50
Shepparton	Australia	17795	40	BBC Relay	Cyprus	17820	50
Vienna	Austria	17795	60	Berlin	E. Germany	17825	100
Fredrikstad	Norway	17795	50	Tokyo	Japan	17825	70

Station		kc/s	kW	Station		kc/s	kW
VOA Relay	Morocco	17825	200	Moscow	U.S.S.R.	17850	150
Fredrikstad	Norway	17825	50	VOA Relay	Gt. Britain	17855	250
Sofia	Bulgaria	17825	70	Peking	China	17855	200
Meyerton	S. Africa	17825	140	Sackville	Canada	17855	75
VOA	U.S.A.	17825	250	VOA Relay	Liberia	17855	200
Beirut	Lebanon	17830	80	Tokyo	Japan	17855	100
VOA Relay	Philippines	17830	200	Brussels	Belgium	17855	60
Berne	Switzerland	17830	100	Berlin	W. Germany	17855	120
Bukarest	Romania	17830	80	VOA Relay	Philippines	17860	250
Colombo	Ceylon	17830	50	Quito	Ecuador	17860	50
Moscow	U.S.S.R.	17830	200	Bombay	India	17860	75
BBC Relay	Ascension I.	17830	150	Kursk	U.S.S.R.	17860	100
Monrovia	Liberia	17830	100	Bethany	U.S.A.	17860	200
Munich	W. Germany	17830	200	Lisbon	Portugal	17860	50
Peking	China	17835	200	Vatican	Vatican City	17860	100
Boston	U.S.A.	17835	140	Warsaw	Poland	17865	100
Lisbon	Portugal	17835	120	Bogota	Colombia	17865	60
Karachi	Pakistan	17835	70	Brussels	Belgium	17865	100
Addis Ababa	Ethiopia	17835	50	Peking	China	17865	200
Mexico City	Mexico	17835	100	Tirana	Albania	17865	300
Horby	Sweden	17840	80	Moscow	U.S.S.R.	17865	150
Budapest	Hungary	17840	80	London	Gt. Britain	17865	200
Delhi	India	17840	25	BBC Relay	Ascension I.	17870	200
Prague	Czechoslovakia	17840	120	Ejura	Ghana	17870	100
Vatican	Vatican City	17840	50	Riazan	U.S.S.R.	17870	120
Moscow	U.S.S.R.	17840	200	Shepparton	Australia	17870	50
Cairo	Egypt	17840	50	London	Gt. Britain	17870	250
Sverdlovsk	U.S.S.R.	17845	50	VOA	U.S.A.	17870	400
VOA	U.S.A.	17845	150	Rio de Janeiro	Brazil	17875	40
New York	U.S.A.	17845	400	Lisbon	Portugal	17875	60
Berne	Switzerland	17845	120	Julich	W. Germany	17875	120
Alma Ata	U.S.S.R.	17850	100	Allouls	France	17875	100
Allouls	France	17850	60	Cairo	Egypt	17875	50
VOA	U.S.A.	17850	120	VOA Relay	Liberia	17875	200
Bukarest	Romania	17850	400	Tokyo	Japan	17880	100
			50	BBC Relay	Malaysia	17880	140

Station		kc/s	kW	Station		kc/s	kW
Quito	Ecuador	17880	60	VOA Relay	Liberia	21455	140
Petropavlovsk	U.S.S.R.	17880	120	Lagos	Nigeria	21455	70
Berlin	E. Germany	17880	60	London	Gt. Britain	21455	200
Vienna	Austria	17880	100	Berlin	E. Germany	21455	70
London	Gt. Britain	17880	200	Omdurman	Sudan	21460	100
Kazan	U.S.S.R.	17885	100	VOA	U.S.A.	21460	400
Havana	Cuba	17885	60	Tula	U.S.S.R.	21460	100
Vatican	Vatican City	17885	120	Amman	Jordan	21460	50
Cairo	Egypt	17885	40	Peking	China	21465	200
BBC Relay	Cyprus	17885	200	Berlin	W. Germany	21465	50
London	Gt. Britain	17885	140	London	Gt. Britain	21470	100
Kannas	U.S.S.R.	17885	100	Brussels	Belgium	21475	100
VOA	U.S.A.	17890	400	Hilversum	Netherland	21480	100
Komsomolsk	U.S.S.R.	17890	100	Meyerton	S. Africa	21480	160
Taipei	Taiwan	17890	100	VOA	U.S.A.	21485	400
VOA Relay	Liberia	17890	200	Vatican	Vatican City	21485	120
Madrid	Spain	17895	450	Delhi	India	21485	60
Orenburg	U.S.S.R.	17895	100	Lagos	Nigeria	21485	100
VOA	U.S.A.	17895	400	Rio de Janeiro	Brazil	21490	30
Lisbon	Portugal	17895	120	Tula	U.S.S.R.	21490	140
Quito	Ecuador	17895	50	Dixon	U.S.A.	21490	200
Peking	China	17895	200	Brazzaville	Congo	21500	100
Moscow	U.S.S.R.	17900	100	Delano	U.S.A.	21500	200
Berlin	E. Germany	17900	150	Lisbon	Portugal	21500	100
Peking	China	17905	200	Erevan	U.S.S.R.	21505	200
Cairo	Egypt	17905	70	Hilversum	Netherlands	21505	120
Tirana	Albania	17925	100	Berlin	E. Germany	21505	80
Cairo	Egypt	17940	50	VOA Relay	Gt. Britain	21510	200
Karachi	Pakistan	17970	100	London	Gt. Britain	21510	200
Moscow	U.S.S.R.	18020	100	Armavir	U.S.S.R.	21510	100
London	Gt. Britain	18080	250	Brussels	Belgium	21510	50
Brussels	Belgium	21450	120	VOA	U.S.A.	21515	400
Allouis	France	21450	75	Moscow	U.S.S.R.	21515	150
Prague	Czechoslovakia	21450	60	VOA Relay	Liberia	21520	200
VOA Relay	Morocco	21455	120	Berlin	E. Germany	21520	100
VOA Relay	W. Germany	21455	200	Berne	Switzerland	21520	120

Station		kc/s	kW	Station		kc/s	kW
Meyerton	S. Africa	21520	200	VOA Relay	Philippines	21570	100
London	Gt. Britain	21520	150	Moscow	U.S.S.R.	21575	150
Allouis	France	21525	.80	Vatican	Vatican City	21575	70
New York	U.S.A.	21525	120	Cairo	Egypt	21580	60
Colombo	Ceylon	21525	40	Paris	France	21580	120
Vatican	Vatican City	21525	50	Julich	W. Germany	21580	50
Boston	U.S.A.	21530	80	Tunis	Tunisia	21580	40
Frunze	U.S.S.R.	21530	120	Kabul	Afghanistan	21585	100
London	Gt. Britain	21530	200	Berne	Switzerland	21585	120
Meyerton	S. Africa	21535	140	VOA	U.S.A.	21585	400
Tokyo	Japan	21535	100	Minsk	U.S.S.R.	21585	120
London	Gt. Britain	21535	120	Horby	Sweden	21585	60
VOA	U.S.A.	21540	400	London	Gt. Britain	21590	150
Kursk	U.S.S.R.	21540	100	Cairo	Egypt	21590	50
Shepparton	Australia	21540	70	Karachi	Pakistan	21590	40
Hilversum	Netherland	21540	50	Sackville	Canada	21595	60
Berne	Switzerland	21540	100	Berlin	E. Germany	21600	100
Tema	Ghana	21540	50	Leningrad	U.S.S.R.	21600	150
Peking	China	21545	150	Cairo	Egypt	21605	100
Tirana	Albania	21545	120	London	Gt. Britain	21610	200
London	Gt. Britain	21550	150	VOA	U.S.A.	21610	400
Delhi	India	21555	40	BBC Relay	Cyprus	21610	80
Frunze	U.S.S.R.	21555	60	Beirut	Lebanon	21610	50
Brussels	Belgium	21555	80	Paris	France	21620	120
Berlin	E. Germany	21555	50	Frunze	U.S.S.R.	21625	80
VOA Relay	Gt. Britain	21560	200	London	Gt. Britain	21630	250
Vatican	Vatican City	21560	70	VOA	U.S.A.	21630	400
Julich	W. Germany	21560	80	Kalinin	U.S.S.R.	21635	200
Rome	Italy	21560	120	London	Gt. Britain	21640	200
VOA Relay	W. Germany	21560	200	Hilversum	Netherland	21640	120
Peking	China	21560	250	Tokyo	Japan	21640	150
Tirana	Albania	21560	180	Peking	China	21640	200
VOA Relay	Morocco	21560	80	Armavir	U.S.S.R.	21645	200
Lvov	U.S.S.R.	21565	80	Paris	France	21645	80
Bonaire	Neth Antilles	21570	250	Julich	W. Germany	21645	50
Hilversum	Netherlands	21570	120	Delhi	India	21650	80

Station		kc/s	kW	Station		kc/s	kW
VOA	U.S.A.	21650	400	London	Gt. Britain	21710	200
VOA Relay	Morocco	21650	140	Tallinn	U.S.S.R.	21715	50
Fredrikstad	Norway	21655	70	Vatican	Vatican City	21715	80
Tirana	Albania	21655	240	Karachi	Pakistan	21715	120
Lisbon	Portugal	21655	50	Ejura	Ghana	21720	180
VOA Relay	Liberia	21660	150	Vienna	Austria	21720	120
BBC Relay	Cyprus	21660	50	Lisbon	Portugal	21720	100
London	Gt. Britain	21660	200	Berne	Switzerland	21725	140
Moscow	U.S.S.R.	21660	100	Moscow	U.S.S.R.	21725	100
VOA	U.S.A.	21660	400	Leningrad	U.S.S.R.	21730	50
Tirana	Albania	21665	100	Fredrikstad	Norway	21730	80
London	Gt. Britain	21670	200	VOA Relay	Liberia	21730	200
Fredrikstad	Norway	21670	120	Lisbon	Portugal	21735	120
Paris	France	21675	100	Prague	Czechoslovakia	21735	140
Brussels	Belgium	21675	80	Cairo	Egypt	21740	70
Horby	Sweden	21675	120	London	Gt. Britain	21740	240
London	Gt. Britain	21680	200	Shepparton	Australia	21740	150
Shepparton	Australia	21680	75	VOA	U.S.A.	21740	400
Lisbon	Portugal	21680	50	Armavir	U.S.S.R.	21745	60
Kuwait	Kuwait	21685	125	VOA Relay	Philippines	21745	50
Dacca	Pakistan	21685	50	Lisbon	Portugal	21745	120
Budapest	Hungary	21685	50	Hilversum	Netherlands	25605	120
Peking	China	21685	100	London	Gt. Britain	25650	100
London	Gt. Britain	21690	200	London	Gt. Britain	25670	200
Horby	Sweden	21690	80	London	Gt. Britain	25710	80
Prague	Czechoslovakia	21690	150	Fredrikstad	Norway	25730	40
Grenada	Windward Isles	21690	75	London	Gt. Britain	25760	100
Rome	Italy	21695	120	Meyerton	S. Africa	25790	200
VOA	U.S.A.	21695	400	VOA	U.S.A.	25800	400
VOA Relay	Liberia	21695	150	London	Gt. Britain	25850	150
VOA Relay	Morocco	21695	70	VOA Relay	Morocco	25880	100
Cairo	Egypt	21700	50	Fredrikstad	Norway	25900	50
Lisbon	Portugal	21700	100	London	Gt. Britain	25910	100
Vatican	Vatican City	21700	70	VOA	U.S.A.	25950	400
Mexico City	Mexico	21705	120	VOA	U.S.A.	26000	200
Julich	W. Germany	21705	50	VOA	U.S.A.	26040	250
				London	Gt. Britain	26075	100

FM VHF Stations of Europe over 20kW

Mc/s	Station		kW
65.96	Szczecin	Poland	74
66.17	Koszazlin	Poland	54
66.29	Gdansk	Poland	40
66.62	Poznan	Poland	38
66.89	Krakow	Poland	120
67.94	Warsaw	Poland	100
68.51	Lodz	Poland	80
68.75	Krakow	Poland	120
68.78	Szczecin	Poland	74
68.96	Bydgoszcz	Poland	32
69.20	Warsaw	Poland	100
69.56	Olsztyn	Poland	76
69.74	Poznan	Poland	38
69.92	Lublin	Poland	60
69.92	Koszalin	Poland	54
70.01	Bialystok	Poland	74
70.31	Gdansk	Poland	40
70.49	Kielce	Poland	62
70.67	Wroclaw	Poland	120
71.45	Lodz	Poland	80
72.38	Olsztyn	Poland	76
72.50	Zielona Gora	Poland	52
72.59	Lublin	Poland	32
72.62	Bydgoszcz	Poland	32
72.71	Kielce	Poland	62
72.80	Bialystok	Poland	74
72.89	Wroclaw	Poland	120
87.6	Hamburg	W. Germany	80
87.6	Mugel	Austria	20
87.6	Nordhue	Norway	60
87.6	Biedenkopf	W. Germany	95
87.6	Storuman	Sweden	60

Mc/s	Station		kW
87.7	Halmstad	Sweden	60
87.8	Hovdefjell	Norway	25
87.85	Inselsberg	E. Germany	50
87.9	Orebro	Sweden	60
87.9	Lousa	Portugal	40
87.9	Ostersund	Sweden	60
87.9	Pajala	Sweden	60
88.0	Joutseno	Finland	25
88.0	Gottelborner Hohe	W. Germany	100
88.1	Arhus	Denmark	30
88.1	North Hessary Tor R2	Gt. Britain	60
88.1	Radio Brighton	Gt. Britain	.075
88.1	Ballachulish R2	Gt. Britain	.015
88.1	Llanidloes R2	Gt. Britain	.005
88.1	Ffestiniog R2	Gt. Britain	.05
88.1	Sandale R2	Gt. Britain	120
88.1	Gaeve	Sweden	60
88.2	Campbeltown R2	Gt. Britain	.035
88.2	Betws-y-Coed R2	Gt. Britain	.01
88.2	Roermond	Netherlands	.100
88.25	Marlow	E. Germany	50
88.3	Carcassonne	France	120
88.3	Radio Syd	At Sea off Sweden	20
88.3	Bressay R2	Gt. Britain	10
88.3	Bremen	W. Germany	.100
88.3	Sutton Coldfield R2	Gt. Britain	120
88.3	Londonderry R2	Gt. Britain	13
88.3	Forfar R2	Gt. Britain	10
88.3	Wensleydale R2	Gt. Britain	.025
88.3	Lochgilphead R2	Gt. Britain	.01
88.3	Gallivare	Sweden	60
88.3	Vastervik	Sweden	60
88.4	Bollnas	Sweden	60
88.4	Douglas R2	Gt. Britain	6

Station	France	W. Germany	W. Germany	Mc/s	Station	Gt. Britain	Gt. Britain	W. Germany
88.5 Bourges	France	50	88.9	Brougher Mountain R2	Gt. Britain	2.5		
88.5 Hemnes	Norway	30	88.9	Northampton R2	Gt. Britain	.06		
88.5 Vannas	Sweden	60	88.9	Mikkeli	Finland	25		
88.5 Barnstaple R2	Gt. Britain	.15	88.9	Skoevde	Sweden	60		
88.5 Toward R2	Gt. Britain	.25	88.9	Brecon R2	Gt. Britain	.01		
88.5 Patscherkofel	Austria	50	88.9	Cambridge R2	Gt. Britain	.02		
88.5 Rowridge R2	Gt. Britain	60	88.9	Oban R2	Gt. Britain	1.5		
88.5 Pontop Pike R2	Gt. Britain	60	88.95	Brocker	E. Germany	50		
88.5 Carmarthen R2	Gt. Britain	.01	89.0	Ballycastle R2	Gt. Britain	.04		
88.5 Skriaig R2	Gt. Britain	10	89.0	Fyn	Denmark	60		
88.6 Radio Sheffield	Gt. Britain	.03	89.0	Le Mans	France	100		
88.6 Mulhouse	France	50	89.0	Churchdown Hill R2	Gt. Britain	.025		
88.6 Windermere R2	Gt. Britain	.02	89.1	Larne R2	Gt. Britain	.015		
88.6 Newry R2	Gt. Britain	.03	89.1	Kiruna	Sweden	60		
88.65 Oslo	Norway	100	89.1	Bergen	Norway	60		
88.7 Lille	France	150	89.1	Melvaig R2	Gt. Britain	22		
88.7 Kendal R2	Gt. Britain	.025	89.1	Wrotham R2	Gt. Britain	120		
88.7 Meldrum R2	Gt. Britain	60	89.1	Reinsfjell	Norway	30		
88.7 Maddybenny More R2	Gt. Britain	.03	89.1	Ashkirk R2	Gt. Britain	18		
88.7 Okehampton R2	Gt. Britain	.015	89.1	Kingussie R2	Gt. Britain	.035		
88.7 Blaenplwyf R2	Gt. Britain	60	89.1	Llandrindod Wells R2	Gt. Britain	1.5		
88.8 Horby	Sweden	60	89.2	Taivalkoski	Finland	45		
88.8 Grunten/Allgau	W. Germany	100	89.2	Reims	France	150		
88.8 Langenberg	W. Germany	100	89.2	Schwerin	E. Germany	30		
88.8 Belmont R2	Gt. Britain	8	89.2	Pitlochry R2	Gt. Britain	.2		
88.8 Heidelberg	W. Germany	100	89.2	Schoeckl	Austria	50		
88.8 Kilkeel R2	Gt. Britain	.025	89.3	Vega	Norway	25		
88.8 Scilly Isles R2	Gt. Britain	.02	89.3	Holme Moss R2	Gt. Britain	120		
88.8 Bath R2	Gt. Britain	.035	89.3	Jastrebac	Yugoslavia	25		
88.8 Lichtenberg	Austria	100	89.3	Orkney R2	Gt. Britain	20		
88.8 Lyon	France	50	89.3	Lousa	Portugal	22		
88.85 Llangollen R2	Gt. Britain	10	89.3	Feldberg	W. Germany	80		
88.9 Luxembourg	Luxembourg	24	89.3	Fort William R2	Gt. Britain	1.5		
88.9 Dillberg	W. Germany	24	89.3	Vlasce	Yugoslavia	100		

Mc/s	Station	kW	Mc/s	Station	kW
89.3	Perth R2		89.8	Turku	Finland 50
89.3	Gothenberg	Gt. Britain .015	89.8	Marienberg	W. Germany 25
89.3	Havenfordwest R2	Sweden 60	89.8	Tasjoe	Sweden 60
89.4	Machynlleth R2	Gt. Britain 10	89.8	Grantown R2	Gt. Britain .35
89.4	Arvidsjaur	Gt. Britain .06	89.9	Sheffield R2	Gt. Britain .06
89.4	Arvidsjaur	Sweden 60	89.9	Donnersberg	W. Germany 30
89.4	Jauerling	Austria 100	89.9	Rennes	France 100
89.4	Brest	France 50	89.9	Kirk O Shotts R2	Gt. Britain 120
89.4	Ventnor R2	Gt. Britain .02	89.9	Monte Venda	Italy 24
89.4	Borlaenge	Sweden 60	89.9	Scarborough R2	Gt. Britain .025
89.5	Veltem	Belgium 50	89.9	Jyvaskyla	Finland 25
89.5	Meissner	W. Germany 90	89.9	Harz	W. Germany 100
89.5	Limoges	France 150	89.9	Wenvoe R2	Gt. Britain 120
89.5	Oxford R2	Gt. Britain 22	89.95	Swingate R2	Gt. Britain 7
89.5	Genoa-Portofino	Italy 24	90.0	Bornholm	Denmark 30
89.5	Wendelsteen	W. Germany 100	90.0	Morecambe Bay R2	Gt. Britain 4
89.5	Penifiler R2	Gt. Britain .006	90.0	Haardt Kopf	W. Germany 25
89.6	Berlin Britz	W. Germany 30	90.0	Besancon	France 22
89.6	Naessjde	Sweden 60	90.0	Norrkoping	Sweden 60
89.6	Gex	France 20	90.05	Aurich	W. Germany 25
89.6	Swaledale R2	Gt. Britain .035	90.1	Stuttgart	W. Germany 100
89.6	Llanddona R2	Gt. Britain 12	90.1	Thrumster R2	Gt. Britain 10
89.6	Whitby R2	Gt. Britain .04	90.1	Koli	Finland 25
89.6	Rosemarkie R2	Gt. Britain 12	90.1	Brighton R2	Gt. Britain .15
89.7	Alborg	Denmark 30	90.1	Dresden	E. Germany 50
89.7	Rome	Italy 21	90.1	Doigellau R2	Gt. Britain .015
89.7	Kinlochleven R2	Gt. Britain .002	90.1	Lapua	Finland 60
89.7	Metz	France 50	90.1	Peterborough R2	Gt. Britain 20
89.7	Truskmore	Eire 120	90.1	Divis R2	Gt. Britain 60
89.7	Crni Vrh	Yugoslavia 20	90.1	Berlin BFN	W. Germany 50
89.7	Weardale R2	Gt. Britain .1	90.2	Inselsberg	E. Germany 60
89.7	Tacolneston R2	Gt. Britain 120	90.2	Vestjylland	Denmark 60
89.7	Pfander	Austria 100	90.2	Ballachulish R3	Gt. Britain .015
89.7	Hereford R2	Gt. Britain .025	90.3	Ffestiniog R3	Gt. Britain .05
89.7	Redruth R2	Gt. Britain .9	90.3		



Mc/s	Station		kW	Mc/s	Station		kW
90.3	Llanidloes R3	Gt. Britain	005	90.7	Pontop Pike R3	Gt. Britain	60
90.3	Steigen	Norway	30	90.7	Toward R3	Gt. Britain	.25
90.3	Hamburg	W. Germany	80	90.7	Rowridge R3	Gt. Britain	60
90.3	North Hessary Tor R3	Gt. Britain	60	90.8	Newry R3	Gt. Britain	.03
90.3	Sandale R3	Gt. Britain	120	90.8	Gaisberg	Austria	100
90.4	Oulu	Finland	50	90.8	Copenhagen	Denmark	60
90.4	Witthoh	W. Germany	38	90.8	Windermere R3	Gt. Britain	.02
90.4	Clermont Ferrand	France	40	90.8	Potzberg	W. Germany	20
90.4	Bctws-y-Coed. R3	Gt. Britain	01	90.9	Meldrum R3	Gt. Britain	60
90.4	Leipzig	E. Germany	60	90.9	Maddybenny More R3	Gt. Britain	.03
90.4	Campbeltown R3	Gt. Britain	035	90.9	Rigi	Switzerland	30
90.5	Novi Sad	Yugoslavia	50	90.9	Sunne	Sweden	60
90.5	Ougree	Belgium	50	90.9	Okehampton R3	Gt. Britain	.015
90.5	Rheinsberg	E. Germany	30	90.9	Belmont R3	Gt. Britain	.8
90.5	Forfar R3	Gt. Britain	10	90.9	Kendal R3	Gt. Britain	.025
90.5	Wensleydale R3	Gt. Britain	.025	90.9	Carcassonne	France	125
90.5	Lochgilphead R3	Gt. Britain	.01	90.9	Roermond	Netherlands	100
90.5	Sutton Coldfield R3	Gt. Britain	120	90.9	Blaenplwyf R3	Gt. Britain	60
90.5	Bressay R3	Gt. Britain	10	91.0	Scilly Isles R3	Gt. Britain	.025
90.55	Londonderry R3	Gt. Britain	13	91.0	Kilkeel R3	Gt. Britain	.025
90.6	Boden	Sweden	60	91.0	Bath R3	Gt. Britain	.035
90.6	Nantes	France	200	91.0	Biedenkopf	W. Germany	95
90.6	Sveg	Sweden	60	91.0	Pyhatunturi	Finland	45
90.6	Douglas R3	Gt. Britain	6	91.05	Llangollen R3	Gt. Britain	10
90.6	Hardberg	W. Germany	20	91.05	Marlow	E. Germany	100
90.6	Teutoberger Wald	W. Germany	100	91.1	Les Platons C.I. R2	Gt. Britain	1.5
90.7	Tamperè	Finland	45	91.1	Cambridge R3	Gt. Britain	.02
90.7	Joutseno	Finland	25	91.1	Brecon R3	Gt. Britain	.01
90.7	Barnstaple R3	Gt. Britain	.15	91.1	Oban R3	Gt. Britain	1.5
90.7	Grunten/Allgau	W. Germany	100	91.1	Brougher Mountain R3	Gt. Britain	2.5
90.7	Vasteras	Sweden	60	91.1	Northampton R3	Gt. Britain	.06
90.7	Carmarthen R3	Gt. Britain	.01	91.1	Hochrheinsender	W. Germany	70
90.7	Ochsenkopf/Fichtel	W. Germany	100	91.1	Steinkimmen	W. Germany	70
90.7	Straig R3	Gt. Britain	10	91.1	Aalen	W. Germany	50

Mc/s	Station	kW	Mc/s	Station	kW
91.1	Niort	France	91.55	Bracken	E. Germany
91.2	Hof	W. Germany	91.6	Machynlleth R3	Gt. Britain
91.2	La Dole	Switzerland	91.6	Mulhouse	France
91.2	Ballycastle R3	Gt. Britain	91.6	Ventnor R3	Gt. Britain
91.2	Halmstad	Sweden	91.6	Kuopia	Finland
91.2	Schockl	Austria	91.7	Rome	Italy
91.2	Churchdown Hill R3	Gt. Britain	91.7	Sonneberg	E. Germany
91.2	Storumén	Sweden	91.7	Oxford R3	Gt. Britain
91.25	Rimberg	W. Germany	91.7	Bagn	Norway
91.27	Marseille	France	91.7	Arhus	Denmark
91.3	Ashkirk R3	Gt. Britain	91.7	Pamfiler R3	Gt. Britain
91.3	Gottelborner Hohe	W. Germany	91.75	Smilde	Netherlands
91.3	Kongsberg	Norway	91.8	Rosemarkie R3	Gt. Britain
91.3	Larne R3	Gt. Britain	91.8	Llanddona R3	Gt. Britain
91.3	Haparanda	Sweden	91.8	Swaledale R3	Gt. Britain
91.1	Wrotham R3	Gt. Britain	91.8	Bourges	France
91.3	Llandrindod Wells R3	Gt. Britain	91.8	Varanger	Norway
91.3	Melvaig R3	Gt. Britain	91.8	Whitby R3	Gt. Britain
91.3	Kingussie R3	Gt. Britain	91.8	Bollnäs	Sweden
91.4	Markelo	Netherlands	91.8	Vastervik	Sweden
91.4	Troyes	France	91.9	Kinlochleven R3	Gt. Britain
91.4	Pitlochry R3	Gt. Britain	91.9	Hereford R3	Gt. Britain
91.4	Berlin	E. Germany	91.9	Tacolneston R3	Gt. Britain
91.4	Jauerling	Austria	91.9	Genoa	Italy
91.5	Holme Moor R3	Gt. Britain	91.9	Gamlemsveten	Norway
91.5	Perth R3	Gt. Britain	91.9	Grong	Norway
91.5	Orebro	Sweden	91.9	Redruth R3	Gt. Britain
91.5	Anlier	Belgium	91.9	Helsinki	Finland
91.5	Fort William R3	Gt. Britain	91.9	Taivalkoski	Finland
91.5	Orkney R3	Gt. Britain	91.9	Kahlenberg	Austria
91.5	Sogndal	Norway	91.0	Aurillac	France
91.5	Ostersund	Sweden	91.9	Weardale R3	Gt. Britain
91.5	Haverfordwest R3	Gt. Britain	92.0	Rouen	France
91.53	Caen	France	92.0	Grantown R3	Gt. Britain

Mc/s	Station		kW	Mc/s	Station		kW
92.0	Donnersberg	W. Germany	60	92.5	Sandale R4	Gt. Britain	
92.1	Sheffield R3	Gt. Britain	.06	92.5	Jyvaskyla	Finland	25
92.1	Vannas	Sweden	60	92.5	Ballachulish R4	Gt. Britain	.015
92.1	Naessjoe	Sweden	60	92.5	Llanidloes R4	Gt. Britain	.005
92.1	Harz	W. Germany	100	92.5	Ffestiniog R4	Gt. Britain	.05
92.1	Brotjacklriegel	W. Germany	100	92.55	Iselsberg	E. Germany	60
92.1	Scarborough R3	Gt. Britain	.025	92.6	Fyn	Denmark	60
92.1	Turin	Italy	24	92.6	Ijsselstein	Netherlands	50
92.1	Sljeme	Yugoslavia	50	92.6	Campbeltown R4	Gt. Britain	.035
92.1	Kirk O' Shotts R3	Gt. Britain	120	92.6	Le Mans	France	100
92.125	Wenvoe R4	Gt. Britain	120	92.6	Betws-y-Coad R4	Gt. Britain	.01
92.2	Stuttgart	W. Germany	100	92.65	Hardberg	W. Germany	20
92.2	Morecambe Bay R3	Gt. Britain	4	92.7	Forfar R4	Gt. Britain	10
92.2	Yllastunturi	Finland	60	92.7	Bressay R4	Gt. Britain	10
92.25	Dresden	E. Germany	50	92.7	Baeckefors	Sweden	60
92.3	Dolgellau R3	Gt. Britain	.015	92.7	Sundsvall	Sweden	60
92.3	Dillberg	W. Germany	24	92.7	Lochgilthead R4	Gt. Britain	.01
92.3	Thrumster R3	Gt. Britain	10	92.7	Sutton Coldfield R4	Gt. Britain	120
92.3	Houdeng	Belgium	50	92.7	Londonderry R4	Gt. Britain	13
92.3	Divis R3	Gt. Britain	60	92.7	Wensleydale R4	Gt. Britain	.025
92.3	Peterborough R3	Gt. Britain	20	92.7	Kiruna	Sweden	60
92.3	Brighton R3	Gt. Britain	.15	92.75	Schwerin	E. Germany	30
92.4	Horby	Sweden	60	92.8	Douglas R4	Gt. Britain	6
92.4	Freies Berlin	W. Germany	100	92.85	Karl Marx Stadt	E. Germany	60
92.4	Melhus	Norway	60	92.9	Toward R4	Gt. Britain	.25
92.4	Stockholm	Sweden	60	92.9	Lycksele	Sweden	60
92.4	Witthoh	W. Germany	38	92.9	Besancon	France	22
92.4	Swingate R3	Gt. Britain	7	92.9	Vestjylland	Denmark	60
92.4	Lyon	France	50	92.9	Barnstaple R4	Gt. Britain	.15
92.5	North Hessary Tor R4	Gt. Britain	60	92.9	Rowridge R4	Gt. Britain	60
92.5	Tana	Norway	30	92.9	Pontop Pike R4	Gt. Britain	60
92.5	Patscherkofel	Austria	50	92.9	Skriaig R4	Gt. Britain	10
92.5	Luxembourg	Luxembourg	50	92.9	Carmarthen R4	Gt. Britain	.01
92.5	Porto	Portugal	22	93.0	Drachenberg BFN	W. Germany	80

Mc/s	Station	kW	Mc/s	Station	kW
93.0	Pajala	60	93.5	Monte Carlo	30
93.0	Brest	50	93.5	Ashkirk R4	18
93.0	Emmaboda	60	93.5	Wrotham R4	120
93.0	Limoges	150	93.5	Kingussie R4	.035
93.0	Borlaenge	60	93.5	Hornisgrinde	60
93.0	Haardtkopf	25	93.5	Melvaig R4	22
93.0	Windermere R4	.02	93.5	Llandrindod Wells R4	1.5
93.0	Newry R4	.03	93.5	Mullaghanish	120
93.1	Maddybenny More R4	.03	93.5	Bokn	100
93.1	Okehampton R4	.015	93.5	Larne R4	.015
93.1	Blaenplwyf R4	60	93.5	Norrkoping	60
93.1	Lapua	60	93.5	Solleftea	60
93.1	Kreuzb/Rhon	100	93.55	Rennes	100
93.1	Meldrum R4	60	93.6	Pitlochry R4	.2
93.1	Kendal R4	.025	93.6	Haparanda	60
93.1	Belmont R4	8	93.7	Rome	21
93.2	Bath R4	.035	93.7	Fort William R4	1.5
93.2	Bartiger	60	93.7	Haverfordwest R4	10
93.2	Mugel	20	93.7	Wendelstein	100
93.2	Scilly Isles R4	.02	93.7	Veltem	50
93.2	Kilkeel R4	.025	93.7	Tampere	45
93.2	Teutoburger Wald	100	93.7	Holme Moss R4	120
93.25	Llangollen R4	10	93.7	Perth R4	.015
93.3	Cambridge R4	.03	93.7	Orkney R4	20
93.3	Northampton R4	.06	93.8	Bremen	100
93.3	Brecon R4	.01	93.8	Machynlleth R4	.06
93.3	Alborg	30	93.8	Waldenberg	100
93.3	Pfander	100	93.8	Ventnor R4	.02
93.3	Brougher Mountain R4	2.5	93.85	Copenhagen	60
93.3	Lonalorgi	60	93.85	Leipzig	100
93.3	Oban R4	1.5	93.9	Penifiler R4	.006
93.4	Ballycastle R4	.04	93.9	Potzberg	20
93.4	Churchdown Hill R4	.025	93.9	Oxford R4	22
93.4	Koli	20	94.0	Llanddona R4	12
	Sweden			Monaco	
	France			Gt. Britain	
	Sweden			Gt. Britain	
	France			Gt. Britain	
	Sweden			W. Germany	
	W. Germany			Gt. Britain	
	Gt. Britain			Gt. Britain	
	Gt. Britain			Eire	
	Gt. Britain			Norway	
	Gt. Britain			Gt. Britain	
	Gt. Britain			Sweden	
	Finland			Sweden	
	W. Germany			France	
	Gt. Britain			Gt. Britain	
	Gt. Britain			Sweden	
	Gt. Britain			Italy	
	Gt. Britain			Gt. Britain	
	Switzerland			Gt. Britain	
	Austria			W. Germany	
	Gt. Britain			Belgium	
	Gt. Britain			Finland	
	W. Germany			Finland	
	Gt. Britain			Gt. Britain	
	Gt. Britain			Gt. Britain	
	Gt. Britain			W. Germany	
	Gt. Britain			Gt. Britain	
	Denmark			W. Germany	
	Austria			Gt. Britain	
	Gt. Britain			Denmark	
	Norway			E. Germany	
	Gt. Britain			Gt. Britain	
	Gt. Britain			W. Germany	
	Gt. Britain			Gt. Britain	
	Finland			Gt. Britain	

Mc/s	Station		kW	Mc/s	Station		kW
94.0	Whitley R4	Gt. Britain	.04	94.5	Sunne	Sweden	60
94.0	Rouen	France	100	94.5	Peterborough R4	Gt. Britain	20
94.0	Rosemarkie R4	Gt. Britain	12	94.5	Bornholm	Denmark	30
94.0	Helsinki	Finland	40	94.5	Thrumster R4	Gt. Britain	10
94.0	Swaledale R4	Gt. Britain	.035	94.5	Boden	Sweden	60
94.1	Weardale R4	Gt. Britain	.1	94.5	Roermond	Netherlands	100
94.1	Maghera	Eire	120	94.5	Aurillac	France	50
94.1	Kinlochleven R4	Gt. Britain	.002	94.5	Metz	France	50
94.1	Tacolneston R4	Gt. Britain	120	94.5	Crveni Cot	Yugoslavia	50
94.1	Redruth R4	Gt. Britain	9	94.5	Radio Durham	Gt. Britain	2.6
94.1	Hereford R4	Gt. Britain	.025	94.6	Radio Stoke-on-Trent	Gt. Britain	2.5
94.2	Arvidsjaur	Sweden	60	94.6	Mikkeli	Finland	25
94.2	Bjerkreim	Norway	60	94.6	Radio Leeds	Gt. Britain	.14
94.2	Sonneberg	E. Germany	100	94.6	Brocken	E. Germany	60
94.2	Nantes	France	200	94.7	Stuttgart	W. Germany	100
94.2	Marseille	France	50	94.7	Tasjoe	Sweden	60
94.2	Grantown R4	Gt. Britain	.35	94.7	Sandale R4	Gt. Britain	120
94.3	Berlin Britz	W. Germany	50	94.7	Lille	France	150
94.3	Sheffield R4	Gt. Britain	.06	94.75	Les Platons CI R3	Gt. Britain	1.5
94.3	Turku	Finland	50	94.8	Smilde	Netherlands	50
94.3	Wenvoe R4	Gt. Britain	120	94.8	La Dole	Switzerland	45
94.3	Kajaani	Finland	46	94.8	Sydsjaelland	Denmark	60
94.3	Kirk O' Shotts R4	Gt. Britain	120	94.8	Galsberg	Austria	100
94.3	Scarborough R4	Gt. Britain	.025	94.8	Radio Nottingham	Gt. Britain	.14
94.4	Morecombe Bay R4	Gt. Britain	4	94.9	Sveg	Sweden	60
94.4	Swingate R4	Gt. Britain	7	94.9	Gallivare	Sweden	60
94.4	Feldberg	W. Germany	80	94.9	Mount Leinster	Eire	120
94.4	Brotjacklriegel	W. Germany	100	94.9	Bourges	France	50
94.4	Steinkemmen	W. Germany	70	95.0	Radio Oxford	Gt. Britain	4.5
94.4	Gex	France	20	95.0	Rimberg	W. Germany	30
94.5	Brighton R4	Gt. Britain	.15	95.05	Radio Rotherham	Gt. Britain	.009
94.5	Divis R4	Gt. Britain	60	95.1	Radio Manchester	Gt. Britain	4
94.5	Dolgellau R4	Gt. Britain	.015	95.1	Sonderjylland	Denmark	50
94.5	Arvidsjaur	Sweden	60	95.1	Langenberg	W. Germany	100

Mc/s	Station	kW	Mc/s	Station	kW
95.1	Aalen		95.8	Berlin	E. Germany 50
95.1	Ccievac	W. Germany	95.85	Radio Merseyside	Gt. Britain 5
95.1	Genoa	Yugoslavia 50	95.9	Arhus	Denmark 30
95.1	Skoevde	Italy 24	95.9	Wienblet	W. Germany 25
95.2	Radio Leicester	Sweden 60	96.0	Bollnas	Sweden 60
95.2	Lichtenberg	Gt. Britain 155	96.0	Stord	Norway 60
95.25	Schwerin	Austria 100	96.0	Vastervik	Sweden 60
95.3	Radio Humber-side	E. Germany 100	96.0	Ochsenkopf/Fichtelg	W. Germany 100
95.3	Yllastunturi	Gt. Britain 4.5	96.1	Labistica	Yugoslavia 50
95.3	Kippure	Finland 60	96.1	Radio Solent	Gt. Britain 5
95.3	Radio London	Eire 120	96.1	Kuopio	Finland 25
95.3	Haardberg	Gt. Britain 16.5	96.2	Hornisgrinde	W. Germany 60
95.3	Troyes	W. Germany 20	96.2	Markelo	Netherlands 50
95.3	Avala	W. Germany 50	96.2	Gothenberg	Sweden 60
95.4	Radio Bristol	Yugoslavia 50	96.3	Kreuzh/Rhon	W. Germany 100
95.4	Saentes	Gt. Britain 5	96.3	Radio Blackburn	Gt. Britain 1.5
95.4	Schoeckl	Switzerland 40	96.4	Patscherkofel	Austria 50
95.4	Marienberg	Austria 100	96.4	Kiruna	Sweden 60
95.4	Radio Newcastle	W. Germany 25	96.4	Niort	France 200
95.4	Lycksele	Gt. Britain 3.5	96.4	Radio Derby	Gt. Britain 5.5
95.4	Halmstad	Sweden 60	96.5	Waldenberg	W. Germany 100
95.5	Lahti	Sweden 60	96.5	Copenhagen	Denmark 60
95.5	Gottelborner Hohe	Finland 50	96.5	Brotjacklriegel	W. Germany 100
95.5	Meissner	W. Germany 100	96.5	Carcassonne	France 120
95.5	Clermont Ferrand	W. Germany 90	96.5	Rouen	France 100
95.6	Radio Birmingham	France 40	96.5	Crvni Cot	Yugoslavia 50
95.6	Caen	Gt. Britain 5.5	96.5	Langenberg BFN	W. Germany 50
95.6	Turin	France 50	96.6	Rigi	Switzerland 30
95.7	Vasteras	Italy 24	96.6	Houdeng	Belgium 50
95.7	Goles	Sweden 60	96.6	Leipzig	E. Germany 100
95.7	Mulhouse	Yugoslavia 50	96.6	Radio Teeside	Gt. Britain 5
95.8	Aurich	France 50	96.6	Hammerfest	Norway 30
95.8	Grunten/Allgau	W. Germany 25	96.6	Stockholm	Sweden 60
95.8	Vannas	W. Germany 100	96.6	Feldberg	W. Germany 80
		Sweden 60	96.7		

Mc/s	Station	kW	Mc/s	Station	kW
96.7	Porto	22	97.6	Warsaw	50
96.7	Emmoboda	60	97.6	Pyhatunturi	50
96.7	Gex	20	97.65	Berlin	100
96.8	Hohe Bogen	20	97.7	Haardtkopf	25
96.8	Wenvoe R3	120	97.7	Besancon	22
96.8	Ijsselstein	50	97.7	Avala	50
96.8	Fyn	60	97.7	Rimberg	30
96.8	Baeckefors	60	97.8	Heidelberg	100
96.8	Reims	150	97.9	Lahti	50
96.9	Ucka	50	97.9	Kahlenberg	50
96.9	Sundsvael	60	97.9	Haparanda	60
96.9	Jastrebac	50	97.9	Troyes	50
97.0	Luxembourg	100	98.0	Harz	100
97.0	Jauerling	100	98.0	Vastervas	60
97.0	Horby	60	98.0	Aurillac	50
97.0	Teutoberger Wald	100	98.0	Lille	150
97.0	Le Mans	100	98.0	Solleftea	60
97.05	Karl Marx Stadt	50	98.1	Alborg	30
97.1	Les Platons CI R4	1.5	98.1	Aalen	50
97.1	Arvidsjaur	60	98.1	Kreuzh/Rhon	100
97.1	Wittoh	38	98.15	Aurich	25
97.15	Inselsberg	100	98.2	Turku	50
97.2	Sonderjylland	50	98.2	Pfander	100
97.3	Oulu	50	98.2	Turin	24
97.3	Psunt	50	98.3	Tron	30
97.4	Gaule	60	98.3	Rennes	100
97.4	Brocker	100	98.4	Hornisgrinde	60
97.4	Monte Penice	60	98.4	Markelo	50
97.5	Limoges	150	98.45	Sunne	60
97.5	Brest	50	98.5	Gallivare	60
97.5	Sydsjaelland	60	98.5	Vestjylland	60
97.5	Skoevde	60	98.5	Sljeme	50
97.5	Lichtenberg	100	98.55	Schwerin	100
97.6	Verden BFN	50	98.6	Aalter	50
	Portugal	22		Poland	50
	Sweden	60		Finland	50
	France	20		E. Germany	100
	W. Germany	20		W. Germany	25
	Gt. Britain	120		France	22
	Netherlands	50		Yugoslavia	50
	Denmark	60		W. Germany	30
	Sweden	60		W. Germany	100
	France	150		Finland	50
	Yugoslavia	50		Austria	50
	Sweden	60		Sweden	60
	Yugoslavia	50		France	50
	Luxembourg	100		W. Germany	100
	Austria	100		Sweden	60
	Sweden	60		France	50
	W. Germany	100		France	150
	France	100		Sweden	60
	E. Germany	50		Denmark	30
	Gt. Britain	1.5		W. Germany	50
	Sweden	60		W. Germany	100
	W. Germany	38		W. Germany	25
	E. Germany	100		Finland	50
	Denmark	50		Austria	100
	Finland	50		Italy	24
	Yugoslavia	50		Norway	30
	Sweden	60		France	100
	E. Germany	100		W. Germany	60
	Italy	60		Netherlands	50
	France	150		Sweden	60
	France	50		Sweden	60
	Denmark	60		Denmark	60
	Sweden	60		Yugoslavia	50
	Austria	100		E. Germany	100
	W. Germany	50		Belgium	50

Mc/s	Station		kW	Mc/s	Station		kW
98.6	Wendelstein	W. Germany	100	99.3	Bornholm	Denmark	30
98.6	Clermont Ferrand	France	40	99.3	Ucka	Yugoslavia	50
98.7	Madrid	Spain	30	99.4	Boden	Sweden	60
98.7	Norrkoping	Yugoslavia	100	99.4	Gothenberg	Sweden	60
98.7	Mugel	Austria	20	99.4	Ochsenkopf/Fichtelg	W. Germany	100
98.7	Frankfurt AFN	W. Germany	60	99.4	Niort	France	200
98.8	Helsinki	Finland	40	99.55	Orebro	Sweden	60
98.8	Waldenberg	W. Germany	100	99.6	Sydsjaelland	Denmark	60
98.85	Reims	France	150	99.6	Biedenkopf	W. Germany	95
98.9	Kajaani	Finland	40	99.6	Caen	France	50
98.9	Kravarec	Yugoslavia	100	99.7	Berlin	E. Germany	50
98.9	Ijsselstein	Netherlands	50	99.75	Emmaboda	Sweden	60
98.9	Nantes	France	200	99.8	Lyon	France	50
99.0	Gaisberg	Austria	100	99.8	Metz	France	50
99.0	Melssner	W. Germany	90	99.8	Gavle	Sweden	60
99.0	Naessjoe	Sweden	60	99.8	Steinkimmen	W. Germany	70
99.0	Marseille	France	50	99.9	Monte Penice	Italy	60
99.1	Donnersberg	W. Germany	60	99.9	Saentis	Switzerland	40
99.2	Langenberg	W. Germany	100	99.9	Sonderjylland	Denmark	50
99.2	Hamburg	W. Germany	80	99.9	Hedelberg	W. Germany	100
99.2	Sundsvall	Sweden	60	100.1	Braunhuberkogel	Austria	20
99.3	Stockholm	Sweden	60	100.4	Langenberg	W. Germany	50
99.3	Crvni Vrh	Yugoslavia	20	102.4	Stuttgart AFN	W. Germany	100



TELEVISION STATIONS OF EUROPE CAPABLE OF BEING RECEIVED  
IN GREAT BRITAIN UNDER SUITABLE CONDITIONS

T. V. STATION		CHANNEL	kW
Aalter	Belgium	E2	100
Anlier	Belgium	E11	10
Froidmont	Belgium	E7	20
Genk	Belgium	E44	200
Oostvleteren	Belgium	E49	20
Ougree	Belgium	E3	100
Riviere	Belgium	E52	200
Wavre	Belgium	E8	100
Wavre	Belgium	E10	100
Esbjerg	Denmark	E9	50
Kolding	Denmark	E9	100
Abbeville	France	E57	10
Amiens	France	E47	20
Brest	France	E21	50
Caen	France	E25	50
Le Havre	France	E43	10
Le Mans	France	E27	50
Lille	France	E21	50
Paris	France	E22	25
Reims	France	E46	50
Rennes	France	E45	50
Rouen	France	E33	20
Carlow	Ireland	1F	100
Clare	Ireland	1B	80
Cork	Ireland	1D	100
Dublin	Ireland	1H	100
Dublin*	Ireland	B7	100
Sligo	Ireland	1J	100
Sligo*	Ireland	B11	100
Arnhem	Netherlands	E50	30
Goes	Netherlands	E7	10
Goes	Netherlands	E29	125
Goes	Netherlands	E32	125
Lopik	Netherlands	E4	100
Lopik	Netherlands	E27	1000
Markelo	Netherlands	E7	30
Markelo	Netherlands	E54	300
Roermond	Netherlands	E5	50
Roermond	Netherlands	E31	500
Smilde	Netherlands	E6	50
Smilde	Netherlands	E47	1000
Wieringermeer	Netherlands	E39	300
Wieringermeer	Netherlands	E45	300

All above Transmitters operate on 625 lines system except those with \* which operate on 405 lines system.

## Channel Frequencies (Vision)

Channel	Freq. Mc/s	Channel	Freq. Mc/s
E2	48.25	E39	615.25
E3	55.25	E43	647.25
E4	62.25	E44	655.25
E5	175.25	E45	663.25
E6	182.25	E46	671.25
E7	189.25	E47	679.25
E8	196.25	E49	695.25
E9	203.25	E50	703.25
E10	210.25	E52	719.25
E11	217.25	E54	735.25
E21	471.25	E57	759.25
E22	479.25	B7	184.75
E25	503.25	B11	204.75
E27	519.25	IB	59.75
E29	535.25	ID	181.25
E31	551.25	IF	197.25
E32	559.25	IJ	221.25
E33	567.25		

## RECOMMENDED U.S. POSTAL ABBREVIATIONS FOR STATES

AK	Alaska	KY	Kentucky	OH	Ohio
AL	Alabama	LA	Louisiana	OK	Oklahoma
AR	Arkansas	MA	Massachusetts	OR	Oregon
AZ	Arizona	MD	Maryland	PA	Pennsylvania
CA	California	ME	Maine	PR	Puerto Rico
CO	Colorado	MI	Michigan	RI	Rhode Island
CT	Connecticut	MN	Minnesota	SC	South Carolina
DC	District of Columbia	MO	Missouri	SD	South Dakota
DE	Delaware	MS	Mississippi	TN	Tennessee
FL	Florida	MT	Montana	TX	Texas
GA	Georgia	NC	North Carolina	UT	Utah
HI	Hawaii	ND	North Dakota	VA	Virginia
IA	Iowa	NE	Nebraska	VI	Virgin Islands
ID	Idaho	NH	New Hampshire	VT	Vermont
IL	Illinois	NJ	New Jersey	WA	Washington
IN	Indiana	NM	New Mexico	WI	Wisconsin
KS	Kansas	NV	Nevada	WV	West Virginia
		NY	New York	WY	Wyoming

## ABBREVIATIONS FOR CANADIAN PROVINCES AND TERRITORIES

Alta.	Alberta	NWT	Northwest Territories
B.C.	British Columbia	Ont.	Ontario
Man.	Manitoba	PEI	Prince Edward Island
N.B.	New Brunswick	Que.	Quebec
Nfld.	Newfoundland	Sask.	Saskatchewan
N.S.	Nova Scotia	Y.T.	Yukon Territory

BROADCAST BAND RADIO STATIONS IN THE UNITED STATES OF AMERICA

Town	State	kW	Call	Town	State	kW	Call
<b>540kHz = 555 metres</b>							
Cypress Gardens	FL	50	WGTO	Chicago	IL	5	WIND
Columbus	GA	5	WDAK	Portland	ME	5	WGAN
Fort Dodge	IA	5	KWMT	Springfield	MA	5	WHYN
Monroe	LA	5	KNOE	Duluth	MN	5	WEBC
Wendell	NC	5	WETC	Springfield	MO	5	KWTO
<b>550kHz = 545 metres</b>							
Anchorage	AK	5	KENI	Great Falls	MT	5	KMON
Phoenix	AZ	5	KOY	Philadelphia	PA	5	WFIL
Craig	CO	5	KRAI	Columbia	SC	5	WIS
Gainesville	GA	5	WGGA	Memphis	TN	5	WHBQ
Salina	KS	5	KFRM	Beaumont	TX	5	KLVI
St. Louis	MS	5	KSD	Wenatchee	WA	5	KPQ
Butte	MT	5	KBOW	Beckley,	WV	5	WJLS
Buffalo	NY	5	WGR	<b>570kHz = 526 metres</b>			
Bismarck	ND	5	KFYR	Gadsden	AL	5	WAAX
Cincinnati	OH	5	WKRC	Alturas	CA	5	KCNO
Corvallis	OR	5	KOAC	Los Angeles	CA	5	KLAC
Midland	TX	5	KCRS	Waycross	GA	5	WACL
San Antonio	TX	5	KTSA	Bethesda	MD	5	WGMS
Waterbury	VT	5	WDEV	Las Cruces	NM	5	KGRT
Harrisonburg	VA	5	WSVA	New York	NY	5	WMCA
Blaine	WA	5	KARI	Syracuse	NY	5	WSYR
Wausau	WI	5	WSAU	Asheville	NC	5	WWNC
<b>560kHz = 536 metres</b>							
Dothan	AL	5	WOOF	Youngstown	OH	5	WKBN
San Francisco	CA	5	KSFO	Yankton	SD	5	WNAX
Denver	CO	5	KLZ	Dallas	TX	5	WFAA
Miami	FL	5	WOAM	Salt Lake City	UT	5	KLUB
<b>580kHz = 517 metres</b>							
				Seattle	WA	5	KVI

Town	State	kW	Call	Town	State	kW	Call
Bethel	AK	5	KYUK	600kHz = 500 metres			
Tuscon	AZ	5	KIKX	Flagstaff	AZ	5	KCLS
Fresno	CA	5	KMJ	San Diego	CA	5	KOGO
Montrose	CO	5	KUBC	Jacksonville	FL	5	WPDQ
Orlando	FL	5	WDBO	Cedar Rapids	IA	5	WMT
Augusta	GA	5	WGAC	Caribou	ME	5	WFST
Nampa	ID	5	KFXD	Baltimore	MD	5	WCAO
Urbana	IL	5	WILL	Winston-Salem	NC	5	WSJS
Manhattan	KS	5	KSAC	Jamestown	ND	5	KSJB
Topeka	KS	5	WIBW	Memphis	TN	5	WREC
Alexandria	LA	5	KALB	El Paso	TX	5	KROD
Worcester	MA	5	WTAG	610kHz = 491 metres			
Harrisburg	PA	5	WHP	Birmingham	AL	5	WSGN
Charleston	WV	5	WCHS	San Francisco	CA	5	KFRC
LaCrosse	WI	5	WKTY	Miami	FL	5	WIOD
590kHz = 508 metres				Duluth	MN	5	KDAL
Anchorage	AK	5	KHAR	Kansas City	MO	5	WDAF
Hot Springs	AR	5	KBHS	Manchester	NH	5	WGIR
Atlanta	GA	5	WPLO	Albuquerque	NM	5	KGGM
Idaho Falls	ID	5	KID	Charlotte	NC	5	WAYS
Lexington	KY	5	WVLK	Columbus	OH	5	WTVN
Boston	MA	5	WEEI	Philadelphia	PA	5	WIP
Kalamazoo	MI	5	WKZO	Houston	TX	5	KILT
Ironwood	MI	5	WJMS	Logan	UT	5	KVNU
Omaha	NE	5	WOW	Roanoke	VA	5	WSLC
Albany	NY	5	WROW	Pasco	WA	5	KONA
Wilson	NC	5	WGTM	620kHz = 484 metres			
Eugene	OR	5	KUGN	Phoenix	AZ	5	KTAR
Scranton	PA	5	WARM	Grand Junction	CO	5	KSTR
Austin	TX	5	KLBJ	St. Petersburg	FL	5	WSUN
Spokane	WA	5	KHQ				

	State	Call	Power (kW)	Frequency (kHz)	Notes
Bangor	ME	WLBZ	5	670	448 metres
Jackson	MS	WJDX	5		
Newmark	NJ	WVNJ	5		
Syracuse	NY	WHEN	5		
Durham	NC	WDNC	5		
Portland	OR	KGW	5		
Knoxville	TN	WATE	5		
Wichita Falls	TX	KWFT	5		
Burlington	VT	WVMT	5		
Milwaukee	WI	WTMJ	5		
630kHz = 476 metres					
Denver	CO	KHOW	5		
Washington	DC	WMAL	5		
Savannah	GA	WSAV	5		
Boise	ID	KIDO	5		
Lexington	KY	WLAP	5		
St. Paul	MN	KDWB	5		
St. Louis	MO	KXOK	5		
Reno	NV	KOH	5		
Coquille	OR	KWRO	5		
Providence	RI	WPRO	5		
San Antonio	TX	KMAC	5		
640kHz = 468 metres					
Los Angeles	CA	KFI	50		
Ames	IA	WOI	5		
650kHz = 461 metres					
Anchorage	AK	KYAK	50		
Nashville	TN	WSM	50		
660kHz = 454 metres					
Fairbanks	AK		10		
New York	NY		50		
Greenville	SC		10		
Dallas	TX		10		
670kHz = 448 metres					
Boise	ID		50		
Chicago	IL		50		
680kHz = 441 metres					
San Francisco	CA		50		
No. Atlanta	GA		25		
Baltimore	MD		10		
Boston	MA		50		
Escanaba	MI		10		
St. Joseph	MO		5		
Raleigh	NC		50		
Memphis	TN		10		
San Antonio	TX		50		
Charleston	WV		10		
690kHz = 435 metres					
Birmingham	AL		50		
Jacksonville	FL		50		
Coffeyville	KS		10		
New Orleans	LA		10		
El Paso	TX		10		
Bristol	VA		10		
700kHz = 428 metres					
Cincinnati	OH		50		

Town	State	kW	Call	Town	State	kW	Call	8	
710kHz = 422 metres				750kHz = 400 metres					
Los Angeles	CA	50	KMPC	Anchorage	AK	50	KFQD		
Denver	CO	5	KBTR	Atlanta	GA	50	WSB		
Miami	FL	50	WGBS	Grand Island	NE	10	KMMJ		
Shreveport	LA	50	KEEL	Portland	OR	50	KXL		
Kansas City	MO	10	WHB	760kHz = 394 metres					
New York	NY	50	WOR	San Diego	CA	5	KFMB		
Amarillo	TX	10	KGNC	Detroit	MI	50	WJR		
Blacksburg	VA	5	WQBX	770kHz = 389 metres					
Seattle	WA	50	KIRO	Minneapolis	MN	5	KUOM		
Superior	WI	5	WDSM	Northfield	MN	5	WCAL		
720kHz = 416 metres				Albuquerque	NM	50	KOB		
Kotzebue	AK	5	KOTZ	New York	NY	50	WABC		
Chicago	IL	50	WGN	780kHz = 384 metres					
Las Vegas	NV	50	KORX	Nome	AK	10	KNOM		
730kHz = 411 metres				Chicago	IL	50	WBBM		
Athens	AL	10	WJMW	Reno	NV	50	KCRL		
Thomasville	GA	5	WLOR	790kHz = 379 metres					
Chicopee	MA	5	WACE	Glennallen	AK	5	KCAM		
Pittsburgh	PA	5	WPIT	Tucson	AZ	5	KCEE		
Alexandria	VA	5	WPIK	Eureka	CA	5	KDAN		
Montgomery	AL	50	WBAM	Los Angeles	CA	5	KABC		
Avalon	CA	10	KBIG	Leesburg	FL	5	WLBE		
San Francisco	CA	50	KCBS	South Miami	FL	5	WFUN		
Orlando	FL	5	WKIS	Atlanta	GA	5	WQXI		
Huntington	NY	5	WGSM	Soda Springs	ID	5	KBRV		
Huntington	NY	5	WGSM						
Mt Airy	NC	10	WPAQ						
Tulsa	OK	50	KRMG						
Houston	TX	50	KTRH						

10W11	State	ATT	Call	10W11	State	ATT	Call
Colby	KS	5	KXXX	Columbus	OH	5	WOSU
Louisville	KY	5	WAKY	Fort Worth	TX	50	WBAP
Saginaw	MI	5	WSGW	830kHz = 361 metres			
Billings	MT	5	KGHL				
Fargo	ND	5	KFGO	Minneapolis	MN	50	WCCO
Providence	RI	5	WEAN	840kHz = 357 metres			
Memphis	TX	5	WMC				
Houston	TX	5	KULF	Louisville	KY	50	WHAS
Lubbock	TX	5	KFYO				
Norfolk	VA	5	WTAR	850kHz = 353 metres			
Bellingham	WA	5	KGMI	Birmingham	AL	50	WYDE
Spokane	WA	5	KJRB	Nome	AK	5	KICY
Eau Claire	WI	5	WEAQ	Denver	CO	50	KOA-
800kHz = 375 metres				Gainsville	FL	5	WRUF
Juneau	AK	5	KINY	Boston	MA	50	WHDH
Camden	NJ	5	WTMR	Forest	MS	10	WMAG
Crewe	VA	5	WSVS	Duluth	MN	10	WWJC
Huntington	WV	5	WKEE	Clayton	MO	5	KFUO
Waupaca	WI	5	WDUX	Raleigh	NC	10	WKIX
810kHz = 370 metres				Cleveland	OH	10	WJW
San Francisco	CA	50	KGO	Johnstown	PA	10	WJAC
Mag ee	MS	50	WSJC	Knoxville	TN	50	WIVK
Kansas City	MO	50	KCMO	Norfolk	VA	5	WRAP
Santa Fe	NM	5	KAFE	Tacoma	WA	10	KTAC
Schenectady	NY	50	WGY	860kHz = 349 metres			
St. George	SC	5	WQIZ	Modesto	CA	10	KTRB
Sturgis	SD	5	KBHB	Douglas	GA	5	WDMG
Murfreesboro	TN	5	WMTS	Pittsburg	KS	10	KOAM
820kHz = 366 metres				Philadelphia	PA	10	WTEL
Chicago	IL	5	WATT	San Antonio	TX	5	KONO
				Oak Hill	WV	10	WOAY

Town	State	kW	Call	Town	State	kW	Call
870kHz = 345 metres							
Glendale	CA	5	KIEV	Meridian	MS	5	WCOG
New Orleans	LA	50	WWL	Roswell	NM	5	KBIM
East Lansing	MI	10	WKAR	Jacksonville	NC	5	WLAS
Ithaca	NY	5	WHCU	Minot	ND	5	KCJB
880kHz = 341 metres				Marietta	OH	5	WBRJ
Lexington	NE	50	KRVN	York	PA	5	WSRA
New York	NY	50	WCBS	Spartanburg	SC	5	WORD
Worthington	OH	5	WRFD	Johnson City	TN	5	WJCW
890kHz = 337 metres				McAllen	TX	5	KRIO
Chicago	IL	50	WLS	Salt Lake City	UT	5	KALL
900kHz = 333 metres				Richmond	VA	5	WRNL
Fairbanks	AK	10	KFRB	Seattle	WA	5	KIXI
Ocala	FL	5	WMOP	Vancouver	WA	5	KISN
Savannah	GA	5	WEAS	Hayward	WI	5	WHSM
Pikeville	KY	5	WLSI	920kHz = 326 metres			
910kHz = 329 metres				Andalusia	AL	5	WCTA
Phoenix	AZ	5	KJJJ	Soldotna	AK	5	KSRM
Blytheville	AR	5	KLCN	Little Rock	AR	5	KARN
Camden	AR	5	KAMD	Palm Springs	CA	5	KDES
Oakland	CA	5	KNEW	Lamar	CO	5	KLMR
Oxnard	CA	5	KOXR	Atlanta	GA	5	WGST
Denver	CO	5	KPOF	West Lafayette	IN	5	WBAA
New Britain	CT	5	WRCH	Whitesburg	KY	5	WTCW
Valdosta	GA	5	WGAF	Lexington Park	MD	5	WPTX
Iowa City	IA	5	WSUI	Fairbault	MN	5	KDHL
Bangor	ME	5	WABI	Las Vegas	NV	5	KORK
Flint	MI	5	WDFD	Reno	NV	5	KOLO
				Kingston	NY	5	WGHQ
				Lake Placid	NY	5	WIRD
				Burlington	NC	5	WBBB



Town	.State	kW	Call	Town	State	kW	Call
Providence	RI	5	WJAR	940kHz = 319 metres			
Vernal	UT	5	KVEL	Fresno	CA	50	KFRE
Spokane	WA	5	KXLY	Miami	FL	50	WINZ
Fairmont	WV	5	WMMN	Macon	GA	50	WMAZ
Milwaukee	WI	5	WOKY	Mount Vernon	IL	5	WMIX
930kHz = 322 metres				Des Moines	IA	10	KIOA
Ketchikan	AK	5	KTKN	New Orleans	LA	10	WYLD
Flagstaff	AZ	5	KAFF	St. Ignace	MI	5	WIDG
Los Angeles	CA	5	KHJ	Houston	MS	50	WCPC
Durango	CO	5	KIUP	Valentine	NE	5	KVSH
Jacksonville	FL	5	WJAX	Fayetteville	NC	50	WFNC
Bainbridge	GA	5	WMGR	Amarillo	TX	5	KIXZ
Pocatello	ID	5	KSEI	Cedar City	UT	10	KBRE
Quincy	IL	5	WTAD	Grundy	VA	5	WNRG
Frederick	MD	5	WFMD	950kHz = 331 metres			
Battle Creek	MI	5	WBCK	Forrest City	AR	5	KWKJ
Jackson	MS	5	WSLI	Auburn	CA	5	KAHI
Poplar Bluff	MO	5	KWOC	Denver	CO	5	KIMN
Missoula	MT	5	KYSS	Orlando	FL	5	WLOF
Rochester	NH	5	WVNH	Summerville	GA	5	WGTA
Paterson	NJ	5	WPAT	Valdosta	GA	5	WGOV
Buffalo	NY	5	WBEN	Boise	ID	5	KBRJ
Charlotte	NC	5	WSOC	Indianapolis	IN	5	WXLW
Washington	NC	5	WITN	Oelwein	IA	5	KOEL
Oklahoma City	OK	5	WKY	Presque Island	ME	5	WAGM
Grants Pass	OR	5	KAGI	Boston	MA	5	WRYT
Sevierville	TN	5	WSEV	Detroit	MI	5	WWJ
Terrell Hills	TX	5	KITE	Hattiesburg	MS	5	WBKH
Lynchburg	VA	5	WLLL	Jefferson City	MO	5	KLIK
Huntington	WV	5	WGNT	Utica	NY	5	WIBX
Auburndale	WI	5	WLBL	Philadelphia	PA	5	WPEN

Town	State	kW	Call	Town	State	kW	Call
Spartanburg	SC	5	WSPA	Hamilton	AL	5	WERH
Houston	TX	5	KPRC	Troy	AL	5	WTBF
Lubbock	TX	5	KSEL	Fairbanks	AK	5	KIAK
Richmond	VA	5	WXGI	Show Low	AZ	5	KVWM
Seattle	WA	5	KJR	Coachella	CA	5	KCHV
Charleston	WV	5	WKAZ	Tampa	FL	5	WFLA
Kemmerer	WY	5	KMER	Atlanta	GA	5	WIIN
960kHz = 312 metres				Vidalia	GA	5	WVOP
Birmingham	AL	5	WERC	Louisville	KY	5	WAVE
Phoenix	AZ	5	KOOL	Portland	ME	5	WCSH
Apple Valley	CA	5	KAVR	Ishpeming	MI	5	WUOY
Oakland	CA	5	KABL	Austin	MN	5	KQAQ
New Haven	CT	5	WELI	Billings	MT	5	KOOK
Albany	GA	5	WJAZ	North Platte	NE	5	KJLT
Athens	GA	5	WRFC	Hackensack	NJ	5	WWDJ
South Bend	IN	5	WSBT	Buffalo	NY	5	WEBR
Shenandoah	IA	5	KMA	Fargo	ND	5	WDAY
Prestonsburg	KY	5	WPRT	Ashtabula	OH	5	WREO
Salisbury	MD	5	WBOC	Portland	OR	5	KOIN
Rogers City	MI	5	WHAK	Pittsburgh	PA	5	WWSW
Little Falls	MN	5	KLTF	Florence	SC	5	WJMX
Cape Girardeau	MO	5	KFVS	Austin	TX	5	KTAP
Baker	MT	5	KFLN	Waynesboro	VA	5	WANV
Plattsburg	NY	5	WEAV	Spokane	WA	5	KREM
Kinston	NC	5	WHVN	Madison	WI	5	WHA
Klamath Falls	OR	5	KLAD	980kHz = 306 metres			
Carlisle	PA	5	WHYL	Eureka	CA	5	KINS
San Angelo	TX	5	KGKL	Los Angeles	CA	5	KFWB
Provo	UT	5	KOVO	Washington	DC	5	WRC
Roanoke	VA	5	WFIR	Gainesville	FL	5	WDVH
970kHz = 309 metres							

Town	State	kW	Call	Town	State	kW	Call
Shreveport	LA	5	KCLJ	Chicago	IL	50	WCFL
Richfield	MN	5	WYOO	Lexington	MS	5	WXTN
McComb	MS	5	WAPF	Albuquerque	NM	10	KKIM
Kansas City	MO	5	KMBZ	Hickory	NC	5	WSPF
Fallon	NV	5	KVLV	Oklahoma City	OK	5	KTOK
Troy	NY	5	WTRY	Hemingway	SC	10	WKYB
Wilmington	NC	5	WKLM	Sioux Falls	SD	10	KXRB
Dayton	OH	5	WONE	Seattle	WA	50	KOMO
Wilkes-Barre	PA	5	WILK	1010kHz = 297 metres			
Nashville	TN	5	WSIX	Little Rock	AR	10	KLRA
Richfield	UT	5	KSVC	Delano	CA	5	KCHJ
Bristol	VA	5	WFHG	San Francisco	CA	10	KSAY
Yakima	WA	5	KUTI	Jacksonville Beach	FL	10	WBIX
990kHz = 303 metres				Tampa	FL	50	WINQ
Tucson	AZ	10	KTKT	Decatur	GA	50	WGUN
Pittsburg	CA	5	KKIS	Meridian	MS	10	WMOX
South Miami	FL	5	WFAB	St. Louis	MO	50	KXEN
Orlando	FL	50	WHOO	New York	NY	50	WINS
Southern Pines	NC	5	WEEB	Black Mountain	NC	50	WFGW
Philadelphia	PA	50	WIBG	Amarillo	TX	5	KDJW
Somerset	PA	5	WVSC	Houston	TX	5	KODA
Providence	RI	50	WLKW	Waco	TX	10	KAWA
Knoxville	TN	10	WNOX	Portsmouth	VA	5	WPMH.
Memphis	TN	10	KWAM	1020kHz = 294 metres			
Wichita Falls	TX	10	KNIN	Los Angeles	CA	50	KGBS
Narrows	VA	5	WNRV	Roswell	MN	50	KSWS
1000kHz = 300 metres				Pittsburgh	PA	50	KDKA
Huntsville	AL	10	WVOV	1030kHz = 291 metres			
Montgomery	AL	5	WQTY	Boston	MA	50	WBZ
Blountstown	FL	5	WKMK				

Town	State	kW	Call	Town	State	kW	Call
Corpus Christi	TX	50	KCTA	Wichita	KS	10	KFDI
Casper	WY	10	KTWO	Hannibal	MO	5	KHMO
1040kHz = 288 metres				Plattsburgh	NY	5	WKDR
Des Moines	IA	50	WHQ	Greenville	NC	10	WNCT
1050kHz = 285 metres				Sunbury	PA	10	WKOK
Augusta	GA	5	WAUG	Greenville	SC	50	WHYZ
Garden City	KS	5	KUPK	Lookout Mountain	TN	50	WFLI
Ann Arbor	MI	5	WPAG	Memphis	TN	50	WDIA
New York	NY	50	WHN	Houston	TX	10	KENR
Norfolk	VA	5	WCMS	Charlottesville	VA	5	WINA
Portsmouth	VA	5	WPMH	Beckley	WV	10	WCIR
Seattle	WA	5	KBLE	Madison	WI	10	WTSO
Parkersburg	WV	5	WCEF	1080kHz = 278 metres			
1060kHz = 283 metres				Athens	AL	10	WKAC
Chico	CA	10	KPAY	Santa Cruz	CA	10	KSCO
Longmont	CO	10	KLMO	Hartford	CT	50	WTIC
Titusville	FL	10	WRMF	Coral Gables	FL	10	WVCG
New Orleans	LA	50	WNOE	Kissimmee	FL	5	WFIV
Benton Harbor	MI	5	WHFB	Marietta	GA	10	WBIE
Canton	OH	5	WOIO	Louisville	KY	10	WKLO
Philadelphia	PA	50	KYW	Laurinburg	NC	5	WEWO
Pierre	SD	10	KGFX	Portland	OR	50	KWJJ
El Paso	TX	10	KAMA	Pittsburgh	PA	50	WEEP
Gilmer	TX	5	KHYM	Dallas	TX	50	KRLD
Salt Lake City	UT	10	KRSP	Hurricane	WV	5	WPNS
1070kHz = 281 metres				1090kHz = 275 metres			
Birmingham	AL	50	WAPI	Little Rock	AR	50	KAAY
Los Angeles	CA	50	KNX	Fortuna	CA	10	KNCR
Indianapolis	IN	50	WIBC	Denver	CO	50	KAAT
				Jacksonville	FL	50	WQIK
				Baltimore	MD	50	WBAL

Town	State	kw	Call	Town	State	kw	Call
Seattle	WA	50	KING	Brownsville	PA	5	WASP
1100kHz = 273 metres				Edna	TX	10	KWBY
San Francisco	CA	50	KFAX	Milwaukee	WI	50	WISN
Grand Junction	CO	50	KREX	1140kHz = 263 metres			
Hempstead	NY	10	WHLI	Sacramento	CA	50	KRAK
Cleveland	OH	50	WWWE	Miami	FL	10	WQBA
1110kHz = 270 metres				Boise	ID	10	KGEM
Bay Minette	AL	10	WBCA	Pekin	IL	5	WSIV
Pasadena	CA	50	KRLA	Las Vegas	NV	10	KLUC
Tampa	FL	10	WQYK	Oklahoma City	OK	10	KLPR
Chicago	IL	5	WMBI	New Castle	PA	5	WBZY
Petoskey	MI	10	WJML	Sioux Falls	SD	10	KSOO
Omaha	NE	50	KFAB	Richmond	VA	50	WRVA
Charlotte	NC	50	WBT	1150kHz = 261 metres			
Atoka	OK	5	KEOR	Tuscaloosa	AL	5	WJRD
Bend	OR	10	KBND	Nth Little Rock	AR	5	KXLR
1120kHz = 268 metres				Los Angeles	CA	5	KHS
St. Louis	MO	50	KMOX	Santa Rosa	CA	5	KPLS
Eugene	OR	50	KPNW	Englewood	CO	5	KGMC
1130kHz = 265 metres				Wilmington	DE	5	WDEL
San Diego	CA	50	KSDO	Tampa	FL	5	WTMP
Gainesville	GA	10	WNRJ	Marion	IL	5	WGGH
Moultrie	GA	10	WMGA	Salina	KS	5	KSAL
Shreveport	LA	50	KWKH	Baton Rouge	LA	5	WJBO
Detroit	MI	50	WCAR	Skowhegan	ME	5	WGHM
Minneapolis	MN	50	WDGY	Boston	MA	5	WCOP
New York	NY	50	WNEW	Shelby	MT	5	KSEN
Bismarck	ND	10	KBMR	Albuquerque	NM	5	KDEF
				Utica	NY	5	WRUN
				Goldsboro	NC	5	WGBR

Town	State	kW	Call	Town	State	kW	Call
Klamath Falls	OR	5	KAGO	Annapolis	MD	10	WANN
Portland	OR	5	KKEY	New York	NY	10	WLIB
Huntingdon	PA	5	WHUN	Portland	OR	50	KEX
Orangeburg	SC	5	WDIX	Dallas	TX	50	KLIF
Rapid City	SD	5	KIMM				
Chattanooga	TN	5	WGOW	1200kHz = 250 metres			
Seattle	WA	5	KAYO	San Antonio	TX	50	WOAI
Chippewa Falls	WI	5	WAXX	1210kHz = 248 metres			
1160kHz = 258 metres				Saginaw	MI	10	WKNX
Chicago	IL	50	WJJD	Guymon	OK	10	KGYN
Salt Lake City	UT	50	KSL	Philadelphia	PA	50	WCAU
1170kHz = 256 metres				1220kHz = 246 metres			
Montgomery	AL	10	WCOV	Palo Alto	CA	5	KIBE
North Pole	AK	50	KJNP	Salem	IN	5	WSLM
San Diego	CA	50	KCBQ	Stillwater	MN	5	WAVN
San Jose	CA	50	KLOK	Newburgh	NY	5	WGNV
Mattoon	IL	5	WLBH	Whiteville	NC	5	WENC
Tulsa	OK	50	KVOO	Cleveland	OH	50	WGAR
Bellingham	WA	5	KPUG	Falls Church	VA	5	WFAV
Wheeling	WV	50	WWVA	1250kHz = 240 metres			
1180kHz = 254 metres				Wetumpka	AL	5	WETU
Marathon Key	FL	50	"VOA"	Wilcox	AZ	5	KHIL
Kalispell	MT	10	KOFI	Tampa	FL	5	WDAE
Rochester	NY	50	WHAM	Lawrence	KS	5	KFKU
1190kHz = 252 metres				Topeka	KS	5	WREN
Anaheim	CA	5	KEZY	Bangor	ME	5	WGUY
Ft. Lauderdale	FL	5	WAVS	McComb	MS	5	WHNY
Ft. Wayne	IN	50	WOWO	Manchester	NH	5	WKBR
				Morristown	NJ	5	WMTR

Town	State	kW	Call	Town	State	kW	Call
Pittsburgh	PA	5	WTAE	Philipsburg	PA	5	WPHB
Charleston	SC	5	WTMA	Greenville	SC	5	WMUU
Port Arthur	TX	5	KPAC	Winner	SD	5	WCHV
Vernal	UT	5	KVEL	Charlottesville	VA	5	WCHV
Danville	VA	5	WDVA	Powell	WY	5	KPOW.
Pullman	WA	5	KWSU				
Seattle	WA	5	KTW	1270kHz = 236 metres			
Milwaukee	WI	5	WEMP	Holbrook	AZ	5	KDJI
1260kHz = 238 metres				Pine Bluff	AR	5	KADL
Birmingham	AL	5	WCRT	Tulare	CA	5	KCOK
San Fernando	CA	5	KGIL	Orlando	FL	5	WORL
San Francisco	CA	5	KYA	Tallahassee	FL	5	WTNT
Aspen	CO	5	KSNO	Columbus	GA	5	WHYD
Washington	DC	5	WWDC	Twin Falls	ID	5	KTFI
Miami	FL	5	WWOK	Rock Island	IL	5	WHBF
Baxley	GA	5	WUFE	Elkhart	IN	5	WCMR
East Point	GA	5	WTJH	Cumberland	MD	5	WUOK
Idaho Falls	ID	5	KTEE	Springfield	MS	5	WSPR
Belleville	IL	5	WFBV	Detroit	MI	5	WXYZ
Indianapolis	IN	5	WFBM	Rochester	MN	5	KWEB
Boston	MA	5	WEZE	Louisville	MS	5	WLSM
Holland	MI	5	WJBL	Dover	NI	5	WTSN
Greenville	MS	5	WGVM	Niagara Falls	NY	5	WHLD
Laurel	MS	5	WNSL	Smithfield	NC	5	WMPM
Springfield	MO	5	KGBX	Grants Pass	OR	5	KAJO
Trenton	NJ	5	WBUD	Lebanon	PA	5	WLBR
Syracuse	NY	5	WNDR	Newport	TN	5	WLK
Asheboro	NC	5	WGWR	Fort Worth	TX	5	KFJZ
Cleveland	OH	5	WIXY	Longview	WA	5	KBAM
Portsmouth	OH	5	WNXT	Gillette	WY	5	KIML
Erie	PA	5	WWYN	Tuscaloosa	AL	5	WNPT
				Denver	CO	5	KTLK

Town	State	kW	Call	Town	State	kW	Call
De Funiak Springs	FL	5	WGTX	Pratt	KS	5	KWNS
Jackson	FL	5	WIVY	Benton	KY	5	WCBL
Macon	GA	5	WIBB	Houghton Lake	MI	5	WHGR
Evansville	IN	5	WGBF	Missoula	MT	5	KGVO
New Orleans	LA	5	WGSO	Omaha	NE	5	KOIL
Gardiner	ME	5	WABK	Keene	NH	5	WKNE
Fitchburg	MA	5	WEIM	Babylon	NY	5	WGLI
Minneapolis	MN	5	WWTC	Binghamton	NY	5	WNBFB
Henderson	NV	5	KVOV	Hickory	NC	5	WHKY
Farmington	NM	5	KRZE	Dayton	OH	5	WHIO
New York	NY	5	WADO	Pendleton	OR	5	KUMA
Rochester	NY	5	WROC	Portland	OR	5	KLIQ
Scotland Neck	NC	5	WYAL	Altoona	PA	5	WFBG
Eugene	OR	5	KERG	Providence	RI	5	WICE
Hanover	PA	5	WHVR	Oak Ridge	TN	5	WATO
Anderson	SC	5	WIBY	Weslaco	TX	5	KRGV
Mullins	SC	5	WJAY	Wichita Falls	TX	5	KTRN
Salt Lake City	UT	5	KNAK	Petersburg	VA	5	WPVA
Spokane	WA	5	KUDY	Logan	WV	5	WVOW
Yakima	WA	5	KIT	Sparta	WI	5	WCOW
Neenah	WI	5	WNAM	Laramie	WY	5	KOWB
1290kHz = 232 metres				1300kHz = 231 metres			
El Dorado	AR	5	KDMS	Fresno	CA	5	KYNO
Siloam Springs	AR	5	KUOA	Pasadena	CA	5	KWKW
Chico	CA	5	KHSL	Colorado Springs	CO	5	KVOR
Gilroy	CA	5	KAZA	Cocoa Beach	FL	5	WRKT
San Bernardino	CA	5	KMEN	Tampa	FL	5	WSOL
Ocala	FL	5	WTMC	Moultrie	GA	5	WMTM
W. Palm Beach	FL	5	WIRK	Lewiston	ID	5	KOZE
Savannah	GA	5	WTOC	La Grange	IL	5	WTAQ
Peoria	IL	5	WIRL	Mason City	IA	5	KGLO



Town	State	kW	Call	Town	State	kW	Call
Baltimore	MD	5	WFBR	Joplin	MO	5	KFSB
Grand Rapids	MI	5	WOOD	Great Falls	MT	5	KEIN
Jackson	MS	5	WRBC	Mt. Kisco	NY	5	WVIP
McCook	NE	5	KBRL	Asheville	NC	5	WISE
Carson City	NV	5	KPTL	Durham	NC	5	WTIK
Trenton	NJ	5	WTNJ	Grand Forks	ND	5	KNOX
Rensselaer	NY	5	WQBK	Newport	OR	5	KNPT
Mt. Airy	NC	5	WSYD	Bedford	PA	5	WBFD
Cleveland	OH	5	WERE	Ephrata	PA	5	WGSA
Tulsa	OK	5	KCNW	Warren	PA	5	WNAE
Mobridge	SD	5	KOLY	Kingstree	SC	5	WDKD
Morristown	TN	5	WMTN	Chattanooga	TN	5	WDOD
Nashville	TN	5	WMAK	Jackson	TN	5	WDXI
Austin	TX	5	KVET	Dallas	TX	5	WRR
Harrisonburg	VA	5	WKCY	San Antonio	TX	5	KBUC
Seattle	WA	5	KOL	Fairfax	VA	5	WEEL
1310kHz = 229 metres				Newport News	VA	5	WGH
Marion	AL	5	WJAM	White Sulphur Springs	WV	5	WSLW
Mesa	AZ	5	KBUZ	Madison	WI	5	WIBA
Barstow	CA	5	KIOT	1320kHz = 227 metres			
Oakland	CA	5	KDIA	Birmingham	AL	5	WENN
Greeley	CO	5	KFKA	Ft. Smith	AR	5	KWHN
Norwich	CT	5	WICH	Sacramento	CA	5	KCRA
De Land	FL	5	WHEP	Waterbury	CT	5	WATR
Twin Falls	ID	5	KLX	Hollywood	FL	5	WGMA
Indianapolis	IN	5	WIFE	Jacksonville	FL	5	WVOJ
Prestonsburg	KY	5	WDOC	Griffin	GA	5	WHIE
Portland	ME	5	WLOB	Lansing	MI	5	WILS
Worcester	MA	5	WORC	Picayune	MS	5	WRJW
Dearborn	MI	5	WNIC	Clayton	MO	5	KXLW
Traverse City	MI	5	WCCW	Scottsbluff	NE	5	KOLT

Town	State	kW
Hornell	NY	5
Greensboro	NC	5
Murphy	NC	5
Allentown	PA	5
Pittsburgh	PA	5
Columbia	SC	5
Sioux Falls	SD	5
Kingsport	TN	5
Manchester	TN	5
Houston	TX	5
Salt Lake City	UT	5
Aberdeen	WA	5
Wisconsin Rapids	WI	5
Los Angeles	CA	5
Redding	CA	5
Tallahassee	FL	5
Milton	FL	5
Dublin	GA	5
Evanston	IL	5
Evansville	IN	5
Waterloo	IA	5
Wichita	KS	5
Corbin	KY	5
Lafayette	LA	5
Havre de Grace	MD	5
Waltham	MA	5
Flint	MI	5
Minneapolis	MN	5
Meridian	MS	5
Gallup	NM	5
New York	NY	5
New York	NY	5

Call
WHHO
WCOG
WKRK
WKAP
WKTQ
WOIC
KELO
WKIN
WMSR
KXYZ
KCPX
KXRO
WFHR
KFAC
KCLM
WMEN
WEBY
WMLT
WEAW
WJPS
KWWL
KFH
WYGO
KVOL
WASA
WCRB
WTRX
WLOL
WDAL
KGAK
WEVD
WPOW

Town	
Portland	
Erie	
Conway	
Greenville	
Monahans	
Danville	
Tasley	
Spokane	
Sheboygan	
Lander	
1350kHz = 222 metres	
Gadsden	
York	
San Bernardino	
Santa Rosa	
Pueblo	
Warner Robins	
Lewiston	
Kokomo	
Des Moines	
Louisville	
New Orleans	
Laconia	
Princeton	
Albuquerque	
Akron	
York	
San Antonio	
Norton	
Portsmouth	
1360kHz = 220 metres	

State	kW	Call
OR	5	KPOK
PA	5	WRIE
SC	5	WLAT
SC	5	WFBC
TX	5	KVKM
VA	5	WBTM
VA	5	WESR
WA	5	KCFA
WI	5	WHBL
WY	5	KOVE
AL	5	WGAD
AL	5	WYLS
CA	5	KCKC
CA	5	KSRO
CO	5	KKAM
GA	5	WAVC
ID	5	KRLC
IN	5	WIOU
IA	5	KRNT
KY	5	WLOU
LA	5	WSMB
NH	5	WLNH
NJ	5	WHWH
NM	5	KABQ
OH	5	WSLR
PA	5	WORK
TX	5	KCOR
VA	5	WNVA
VA	5	WKLV

Town	State	kW	Call	Town	State	kW	Call
Mobile	AL	5	WLIQ	Butte	MT	5	KXLF
Glendale	AZ	5	KRUX	Manchester	NH	5	WFEA
Modesto	CA	5	KFIV	Rochester	NY	5	WSAY
San Diego	CA	5	KGB	Gastonia	NC	5	WLTC
Hartford	CT	5	WDRC	Tabor City	NC	5	WTAB
Jacksonville	FL	5	WOBS	Toledo	OH	5	WSPD
Miami Beach	FL	5	WKAT	Chattanooga	TN	5	WDEF
Stoux City	IA	5	KSCJ	Martinsville	VA	5	WHEE
Baltimore	MD	5	WEBB	South Hill	VA	5	WJWS
Kalamazoo	MI	5	WKMI	Neillsville	WI	5	WCCN
Binghamton	NY	5	WKOP				
Williston	ND	5	KEYZ	1380kHz = 217 metres			
Cincinnati	OH	5	WSAI	Salinas	CA	5	KTOM
McKeesport	PA	5	WXZ	Naugatuck	CT	5	WOWW
Pottsville	PA	5	WPPA	Wilmington	DE	5	WAMS
Fort Worth	TX	5	KXOL	St. Petersburg	FL	5	WLCY
Harrisonburg	VA	5	WHBG	Atlanta	GA	5	WOAK
Tacoma	WA	5	KMO	Ocilla	GA	5	WSIZ
Green Bay	WI	5	WBAY	South Beloit	IL	5	WBEL
				Ft. Wayne	IN	5	WMEE
1370kHz = 219 metres				Fairway	KS	5	KUDL
Corona	CA	5	KREL	Baton Rouge	LA	5	WYNK
San Jose	CA	5	KEEN	Port Huron	MI	5	WPHM
Ocala	FL	5	WWKE	Brainerd	MN	5	KLIZ
Pensacola	FL	5	WCOA	St. Louis	MO	5	KWK
Jesup	GA	5	WLOP	Zarephath	NJ	5	WAWZ
Bloomington	IN	5	WTTS	New York	NY	5	WBNX
Dubuque	IA	5	KDTH	Asheville	NC	5	WKKE
Dodge City	KS	5	KGNO	New Bern	NC	5	WGSE
Grayson	KY	5	WGOH	Winston-Salem	NC	5	WT OB
Ellsworth	ME	5	WDEA	Ontario	OR	5	KSRV
Cadillac	MI	5	WWAM	Rapid City	SD	5	KOTA

Town	State	kW	Call	Town	State	kW	Call
El Paso	TX	5	KTSM	1410kHz = 213 metres			
Rutland	VT	5	WSYB	Mobile	AL	5	WUNI
Richmond	VA	5	WTVR	Prattville	AL	5	WPXC
Everett	WA	5	KRKO	Marysville	CA	5	KMYC
Spokane	WA	5	KEZE	Redlands	CA	5	KCAL
1390kHz = 216 metres				Hartford	CT	5	WPOP
Anniston	AL	5	WHMA	Dover	DE	5	WDOV
Long Beach	CA	5	KGER	Fort Myers	FL	5	WMYR
Turlock	CA	5	KCEY	Leesburg	FL	5	WZST
Denver	CO	5	KFML	Tallahassee	FL	5	WONS
Gainesville	FL	5	WUWU	Leavenworth	KS	5	KCLO
Americus	GA	5	WISK	Wichita	KS	5	KWBB
Chicago	IL	5	WNUS	Bowling Green	KY	5	WLBK
Hazard	KY	5	WKIC	Harlan	KY	5	WHLN
Presque Isle	ME	5	WEGP	Watertown	NY	5	WOTT
Plymouth	MA	5	WPLM	Dayton	OH	5	WING
Charlotte	MI	5	WCER	Portland	OR	5	KPAM
Meridian	MS	5	WQIC	Lansford	PA	5	WLSH
Farlington	NM	5	KENN	Pittsburg	PA	5	KOV
Hobbs	NM	5	KHOB	Chester	VA	5	WIKI
Poughkeepsie	NY	5	WEOK	Roanoke	VA	5	WRIS
Syracuse	NY	5	WFBL	La Crosse	WI	5	WIZM
Rocky Mount	NC	5	WEED	1420kHz = 211 metres			
Minot	ND	5	KLPM	Tuscaloosa	AL	5	WACT
Pomeroy	OH	5	WMPO	Hot Springs	AR	5	KXOV
Youngstown	OH	5	WFMJ	Stockton	CA	5	KSTN
Salem	OR	5	KSLM	Delray Beach	FL	5	WDBF
Lancaster	PA	5	WLAN	Columbus	GA	5	WRBL
Charleston	SC	5	WCSC	Toccoa	GA	5	WLET
Jackson	TN	5	WTJS	Michigan City	IN	5	WIMS
Arlington	VA	5	WEAM	Davenport	IA	5	WOC
Lynchburg	VA	5	WWOD				

Town	State	kW	Call	Town	State	kW	Call
Ashland	KY	5	WTCR	Tulsa	OK	5	KELI
Owensboro	KY	5	WVJS	Salem	OR	5	KGAY
New Bedford	MA	5	WBSM	Altoona	PA	5	WVAM
Mankato	MN	5	KTOE	Batesburg	SC	5	WBLR
Cleveland	OH	5	WHK	Marion	SC	5	WATP
Coatsville	PA	5	WCOJ	Madison	TN	5	WENO
DuBois	PA	5	WCED	Ogden	UT	5	KLO
Erwin	TN	5	WEMB	Mt. Vernon	WA	5	KBRC
Warrenton	VA	5	WKCW				
Walla Walls	WA	5	KUJ	1440kHz = 208 metres			
1430kHz = 210 metres				Montgomery	AL	5	WHHY
Fresno	CA	5	KARM	Scottsdale	AZ	5	KDOT
San Gabriel	CA	5	KALI	Little Rock	AR	5	KOKY
Aurora	CO	5	KOSI	Napa	CA	5	KVON
Lakeland	FL	5	WQPD	Lehigh Acres	FL	5	WAYK
Panama City	FL	5	WPCF	Winter Park	FL	5	WBJW
Tifton	GA	5	WWGS	Brunswick	GA	5	WGIG
Indianapolis	IN	5	WIRE	Quincy	IL	5	WGEM
Annapolis	MD	5	WNAV	Rockford	IL	5	WROK
Amherst	MA	5	WTTT	Topeka	KS	5	KEWI
Medford	MA	5	WHIL	Monroe	LA	5	KMLB
Ionia	MI	5	WION	Portland	ME	5	WJAB
Mt. Clemens	MI	5	WBRB	Worcester	MA	5	WAAB
Laurel	MS	5	WLAU	Golden Valley	MN	5	KQRS
St. Louis	MO	5	WIL	Lucedale	MS	5	WRBE
Grand Island	NE	5	KRGI	Lexington	NC	5	WBUY
Newark	NJ	5	WNJR	Warren	OH	5	WHHH
Roswell	NM	5	KKAT	Medford	OR	5	KMED
Endicott	NY	5	WENE	Carbondale	PA	5	WCDL
Morgantown	NC	5	WMNC	Greenville	SC	5	WQOK
Minot	ND	5	KT YN	Amarillo	TX	5	KPUR
				Denton	TX	5	KDNT

Town	State	kW	Call	Town	State	kW	Call
Livingston	TX	5	KETX	Palmdale	CA	5	KUTY
Blackstone	VA	5	WKLW	Sacramento	CA	5	KNDE
Spokane	WA	5	KDNC	Dunedin	FL	5	WDCL
Bluefield	WV	5	WHIS	Pompano Beach	FL	5	WRBD
Morgantown	WV	5	WAJR	Rome	GA	5	WRGA
Green Bay	WI	5	WNFL	Peoria	IL	5	WMBD
				Sioux City	IA	5	KTRI
1460kHz = 205 metres				Lake Charles	LA	5	KLCL
Cullman	AL	5	WFMH	Lewiston	ME	5	WLAM
Phoenix City	AL	5	WPNX	Salisbury	MD	5	WJDY
Inglewood	CA	5	KTYM	Flint	MI	5	WKMF
Salinas	CA	5	KDON	Greensboro	NC	5	WBIG
Jacksonville	FL	5	WMBR	Reedsport	OR	5	KDUN
Buford	GA	5	WDYX	Allentown	PA	5	WSAN
Des Moines	IA	5	KSO	Columbia	SC	5	WQXL
Baton Rouge	LA	5	WXOK	Berry Hill	TN	5	WVOL
Brockton	MA	5	WBET	Abilene	TX	5	KRBC
St. Charles	MO	5	KIRL	Broadway-Timberville	VA	5	WBTX
Kearney	NE	5	KRNY	Centralia	WA	5	KELA
Las Vegas	NV	5	KENO	Moses Lake	WA	5	KSEM
Mount Holly	NJ	5	WJJZ	Huntington	WV	5	WWHY
Albany	NY	5	WOKO				
Rochester	NY	5	WAXC	1480kHz = 202 metres			
Columbus	OH	5	WBNS	Irondale	AL	5	WLPH
Dallas	OR	5	KROW	Mobile	AL	5	WABB
Harrisburg	PA	5	WCMB	Eureka	CA	5	KRED
Manassas	VA	5	WPRW	Merced	CA	5	KYOS
Radford	VA	5	WRAD	Santa Ana	CA	5	KWIZ
Kirkland	WA	5	KYAC	Atlanta	GA	5	WYZE
Yakima	WA	5	KMWX	Augusta	GA	5	WRDW
Buckhannon	WV	5	WBUC	Wichita	KS	5	KLEO
				Fall River	MA	5	WSAR
1470kHz = 204 metres							

Town	State	kW	Call	Town	State	kW	Call
Grand Rapids	MI	5	WMAX	Indianapolis	IN	5	WBRI
Fosston	MN	5	KEHG	Detroit	MI	50	WDEE
Sidney	MT	5	KG CX	St. Paul	MN	50	KSTP
Hobbs	NM	5	KWEW	Winston-Salem	NC	10	WKBX
Hornell	NY	5	WLEA	Pawhuska	OK	5	KOSG
New York	NY	5	WHOM	1510kHz = 199 metres			
Remsen	NY	5	WADR	Mesa	AZ	10	KDKB
Charlotte	NC	5	WAME	Ontario	CA	10	KSOM
Canton	OH	5	WHBC	Littleton	CO	5	KDKO
Cincinnati	OH	5	WCIN	New London	CT	10	WNLC
Philadelphia	PA	5	WDAS	Boston	MA	50	WMEX
Memphis	TN	5	WMQM	Jackson	MI	5	WJCO
Dallas	TX	5	KBOX	Dover	NJ	10	WRAN
Springfield	VT	5	WC FR	Logan	OH	5	WLG N
Richmond	VA	5	WBBL	Lebanon	PA	5	WAHT
Richmond	VA	5	WLEE	Nashville	TN	50	WLAC
Salem	VA	5	WBLU	Spokane	WA	50	KGA
Madison	WI	5	WISM	Waukesha	WI	10	WAUK
1490kHz = 201 metres				1520kHz = 197 metres			
Springfield	VT	5	WC FR	Opelika	AL	5	WAOA
Richmond	VA	5	WBBL	Port Hueneme	CA	50	KACY
Richmond	VA	5	WLEE	Apopka	FL	5	WTLN
Salem	VA	5	WBLU	Clinton	IL	5	WHOW
Madison	WI	5	WISM	Lafayette	LA	10	KXKW
1500kHz = 200 metres				Muskegon Heights	MI	10	WKJR
Burbank	CA	10	KROQ	Rochester	MN	10	KOLM
San Jose	CA	10	KXR X	Sikeston	MO	5	KMPL
Milford	CT	5	WFIF	Buffalo	NY	5	WKBW
Washington	DC	50	WTOP	Mocksville	NC	5	WDSL
				Oklahoma City	OK	50	KOMA
				Oregon City	OR	50	KYXI

Town	State	kW	Call	Town	State	kW	Call
1530kHz = 196 metres				Smyrna	GA	10	WYNX
Sacramento	CA	50	KFBK	Baton Rouge	LA	5	WLUX
Bridgeport	CT	10	WDJZ	Shreveport	LA	10	KOKA
Dalton	GA	10	WTTI	Newton	MA	10	WNTN
Lapeer	MI	5	WTHM	Jackson	MS	50	WOKJ
Poplarville	MS	10	WRPM	Senatobia	MS	5	WSAO
Lincoln	NE	5	KECK	Cape Girardeau	MO	5	KGMO
Chapel Hill	NC	5	WRBX	St. Joseph	MO	5	KKJO
Cincinnati	OH	50	WCKY	Reno	NV	10	KOBY
Harlingen	TX	50	KGBT	Fargo	ND	5	KOWB
Ralls	TX	5	KCLR	Bennettsville	SC	10	WBSC
Cheyenne	WY	10	KCHY	Salt Lake City	UT	10	KRGO
1540kHz = 195 metres				Vinton	VA	10	WKBA
Phoenix	AZ	10	KASA	Virginia Beach	VA	5	WVAB
Los Angeles	CA	50	KPOL	Charles Town	WV	5	WXVA
Waterloo	IA	50	KXEL	Madison	WI	5	WMAD
Albany	NY	50	WPTR	1560kHz = 192 metres			
Philadelphia	PA	50	WRCP	Bakersfield	CA	10	KPMC
Punxsutawney	PA	5	WPME	Eau Gallie	FL	5	WTAI
Ft. Worth	TX	50	KBUY	Gordon	GA	5	WKOQ
Richmond	VA	10	WRGM	Paducah	KY	10	WDXR
1550kHz = 193 metres				Joplin	MO	10	KQYX
Huntsville	AL	5	WAAY	New York	NY	50	WQXR
Mobile	AL	50	WMOO	Warsaw	NC	10	WTRQ
Tucson	AZ	50	KUAT	Fairfield	OH	5	WCNW
San Francisco	CA	10	KKHI	Toledo	OH	5	WTOG
Arvada	CO	10	KQXI	Lancaster	SC	10	WAGL
Coral Gables	FL	10	WRIZ	Nashville	TN	10	WWGM
Tampa	FL	10	WYOU	1570kHz = 191 metres			
Augusta	GA	5	WTHB	Selma	AL	5	WTQX
				Lodi	CA	5	KCVR



Town	State	kW	Call	Town	State	kW	Call
Riverside	CA	5	KACE	Clayton	NC	5	WHPY
Auburndale	FL	5	WTWB	Akron	OH	5	WAKR
Morrow	GA	5	WSSA	Tillamook	OR	5	KTIL
Freeport	IL	5	WFRL	Chambersburg	PA	5	WCBG
Townsend	MD	5	WTOW	Jonesboro	TN	5	WJSO
Doylestown	PA	5	WBUX	Houston	TX	5	KYOK
1580kHz = 190 metres				Richmond	VA	5	WGOE
Tempe	AZ	50	KTUF	Seattle	WA	5	KUUU
Santa Monica	CA	50	KDAY	New Richmond	WI	5	WDXK
Colorado Springs	CO	5	KPIK	1600kHz = 187 metres			
Ft. Lauderdale	FL	10	WSRF	Huntsville	AL	5	WEUP
Mt. Dora	FL	5	WYYD	Fresno	CA	5	KGST
Georgetown	KY	10	WAXU	Pomona	CA	5	KWOW
Morningside	MD	10	WPGC	Yuba City	CA	5	KUBA
Amory	MS	5	WAMY	Lakewood	CO	5	KLAK
Patchogue	NY	10	WSUF	Winter Garden	FL	5	WOKB
Knoxville	TN	5	WSKT	Algona	IA	5	KLGA
Pulaski	VA	5	WPUV	Cedar Rapids	IA	5	KCRG
1590kHz = 188 metres				Vivian	LA	5	KNCB
Atmore	AL	5	WATM	Brookline	MA	5	WUNR
Tuscumbia	AL	5	WVNA	E. Longmeadow	MA	5	WTYM
San Jose	CA	5	KLIV	An Arbor	MI	5	WAAM
Ventura	CA	5	KBBQ	Muskegon	MI	5	WTRU
Waterbury	CT	5	WQQW	St. Louis	MO	5	KATZ
Albany	GA	5	WALG	New York	NY	5	WWRL
Lafayette	GA	5	WLFA	Eugene	OR	5	KASH
Galesburg	IL	5	WAIK	Harriman	TN	5	WHBT
Indianapolis	IN	5	WNIR	Borger	TX	5	KBBB
Great Bend	KS	5	KVGB	McKinney	TX	5	KYAL
Coldwater	MI	5	WTVB	Wheeling	WV	5	WNEU
Jackson	MS	5	WWUN	Ripon	WI	5	WCWC
Nashua	NH	5	WSMN				

## BROADCAST BAND RADIO STATIONS IN CANADA

88

Town	Prov.	kW	Call	Town	Prov.	kW	Call
540kHz = 555 metres				600kHz = 500 metres			
Grand Falls	Nfld.	10	CBT	Toronto	Ont.	10	CKEY
Windsor	Ont.	5	CBEF	Jonquiere	Que.	10	CKRS
Watrous	Sask.	50	CBK	600kHz = 500 metres			
550kHz = 545 metres				610kHz = 491 metres			
Prince George	B.C.	10	CKPG	Vancouver	B.C.	10	CJOR
Fredericton	N.B.	50	CFNB	St. Anthony	Nfld.	10	CBNA
Sudbury	Ont.	10	CHNO	North Bay	Ont.	10	CFCH
Trois-Rivieres	Que.	10	CHLN	Montreal	Que.	5	CFCF
560kHz = 536 metres				Saskatoon	Sask.	5	CFQC
Sept-Isles	Que.	10	CKCN	620kHz = 484 metres			
570kHz = 526 metres				Peace River	Alta.	10	CKYL
Edmundston	N.B.	5	CJEM	Kamloops	B.C.	10	CHNL
580kHz = 517 metres				Grand Bank	Nfld.	10	CJOX
Edmonton	Alta.	10	CKUA	St. Catharines	Ont.	10	CKTB
Salmon Arm.	B.C.	10	CKXR	New Carlisle	Que.	10	CHNC
Winnipeg	Man.	50	CKY	630kHz = 476 metres			
Antigonish	N.S.	10	CJFX	Prince George	B.C.	10	CJCI
Ottawa	Ont.	50	CFRA	Grand Falls	Nfld.	10	CKCM
Thunder Bay	Ont.	5	CKPR	Timmins	Ont.	10	CFCL
Hauterive	Que.	5	CHLC	Regina	Sask.	5	CKCK
590kHz = 508 metres				Edmonton			
Flin Flon	Man.	10	CFAR	Kelowna	Alta.	10	CHED
St. John's	Nfld.	10	VOCM	Winnipeg	B.C.	5	CKOV
				Chatham	Man.	10	CKRC
					Ont.	10	CFCO

Town	Prov.	kW	Call	Town	Prov.	kW	Call
Smiths Falls	Ont.	10	CJET	790kHz = 379 metres			
Charlottetown	P.E.I.	10	CFCY	Camrose	Alta.	10	CFCW
Sherbrooke	Que.	10	CHLT	Dartmouth	N.S.	5	CFDR
640kHz = 468 metres				Sudbury	Ont.	10	CKSO
St. John's	Nfld.	10	CBN	800kHz = 375 metres			
680kHz = 441 metres				Langley	B.C.	10	CJJC
Edmonton	Alta	5	CHFA	Penticton	B.C.	10	CKOK
Winnipeg	Man	10	CJOB	Belleville	Ont.	10	CJBQ
Grand Falls	Nfld.	10	CJCN	Windsor	Ont.	50	CKLW
Timmins	Ont.	10	CKGB	Montreal	Que.	50	CJAD
Toronto	Ont.	10	CFTR	Quebec	Que.	50	CHRC
690kHz = 435 metres				Moose Jaw	Sask.	10	CHAB
Vancouver	B.C.	50	CBU	810kHz = 370 metres			
Montreal	Que.	50	CBF	Calgary	Alta.	10	CHQR
710kHz = 422 metres				850kHz = 353 metres			
Leamington	Ont.	10	CHYR	Red Deer	Alta	10	CKRD
Niagara Falls	Ont.	5	CJRN	Verdun	Que.	50	CKVL
Ville Marie	Que.	10	CKVM	860kHz = 349 metres			
Gravelbourg	Sask.	5	CFRG	Prince Rupert	B.C.	10	CFPR
730kHz = 411 metres				Halifax	N.S.	10	CBH
Vancouver	B.C.	10	CKLG	Toronto	Ont.	50	CJBC
Dauphin	Man.	10	CKDM	900kHz = 333 metres			
Montreal	Que.	50	CKAC	Victoria	B.C.	10	CJVI
740kHz = 405 metres				Hamilton	Ont.	5	CHML
Edmonton	Alta.	50	CBX	Sudbury	Ont.	10	CFBR
Marystown	Nfld.	10	CBNM	Rimouski	Que.	10	CJBR
Toronto	Ont.	50	CBL	Sherbrooke	Que.	10	CKTS
				Val d'Or	Que.	10	CKVD

Town	Prov.	kW	Call	Town	Prov.	kW	Call
Prince Albert	Sask.	10	CKBI	970kHz = 309 metres			
910kHz = 329 metres				Edson	Alta.	10	CJYR
Drumheller	Alta.	5	CJDV	Fredericton	N.B.	10	CBZ
Kamloops	B.C.	10	CFCR	Hull	Que.	5	CKCH
Lindsay	Ont.	10	CKLY	980kHz = 306 metres			
Ottawa	Ont.	5	CBO	New Westminster	B.C.	50	CKNW
920kHz = 326 metres				London	Ont.	10	CFPL
Halifax	N.S.	10	CJCH	Peterborough	Ont.	10	CHEX
Sault Ste. Marie	Ont.	10	CKCY	Quebec	Que.	5	CBV
Wingham	Ont.	10	CKNX	Montreal	Que.	10	CKGM
930kHz = 322 metres				Regina	Sask.	10	CKRM
Edmonton	Alta.	10	CJCA	990kHz = 303 metres			
St. John	N.B.	10	CFBC	Winnipeg	Man.	50	CBW
St. John's	Nfld.	10	CJON	Corner Brook	Nfld.	10	CBY
940kHz = 319 metres				1000kHz = 300 metres			
Vernon	B.C.	10	CJIB	Bridgewater	N.S.	10	CKBW
Montreal	Que.	50	CBM	1010kHz = 297 metres			
Yorkton	Sask.	10	CJGX	Calgary	Alta.	50	CBR
950kHz = 331 metres				Toronto	Ont.	50	CFRB
Altona	Man.	10	CFAM	1050kHz = 285 metres			
Campbellton	N.B.	10	CKNB	Grande Prairie	Alta.	10	CFGP
Sydney	N.S.	10	CHER	St. Boniface	Man.	10	CKSB
Barrie	Ont.	10	CKBB	Sault Ste. Marie	Ont.	10	CJIC
960kHz = 312 metres				Toronto	Ont.	50	CHUM
Calgary	Alta.	50	CFAC	No. Battleford	Sask.	10	CJNB
Halifax	N.S.	10	CHNS	1060kHz = 283 metres			
Kingston	Ont.	10	CKWS				

Town	Prov.	kW	Call	Town	Prov.	kW	Call
Calgary	Alta.	50	CFCN	Hamilton	Ont.	10	CKOC
Quebec	Que.	50	CJRP	Ottawa	Ont.	50	CJRC
1070kHz = 281 metres				1170kHz = 256 metres			
Victoria	B.C.	10	CFAV	Red Deer	Alta.	10	CKGY
Moncton	N.B.	50	CBA	Cornwall	Ont.	10	CFML
Sarnia	Ont.	10	CHOK	1190kHz = 252 metres			
1080kHz = 278 metres				Weyburn	Sask.	10	CFSL
Lloydminster	Alta.	10	CKSA	1220kHz = 246 metres			
1090kHz = 275 metres				Lethbridge	Alta.	10	CJOC
Lethbridge	Alta.	5	CHEC	Victoria	B.C.	50	CKDA
Kitchener	Ont.	10	CKKW	Boissevain	Man.	10	CJRB
Jacques Cartier	Que.	10	CHRS	Moncton	N.B.	10	CKCW
1110kHz = 270 metres				Shawinigan Falls	Que.	10	CKSM
Edmonton	Alta.	10	CHQT	1250kHz = 240 metres			
St. John	N.B.	10	CBD	Steinbach	Man.	10	CHSM
1130kHz = 265 metres				Oakville	Ont.	10	CHWO
Vancouver	B.C.	50	CKWX	Ottawa	Ont.	10	CDOF
1140kHz = 263 metres				Matane	Que.	10	CBGA
Calgary	Alta.	10	CKXL	Saskatoon	Sask.	10	CKOM
Sydney	N.S.	10	CBI	1260kHz = 238 metres			
Trois Rivières	Que.	10	CJTR	Edmonton	Alta.	50	CFRN
1150kHz = 261 metres				1270kHz = 236 metres			
Kelowna	B.C.	10	CKIQ	Medicine Hat	Alta.	10	CHAT
Brandon	Man.	10	CKX	Chilliwack	B.C.	10	CHWK
St. John	N.B.	10	CHSJ	Sydney	N.S.	10	CJCB
				1280kHz = 234 metres			

Town	Prov.	kW	Call	Town	Prov.	kW	Call
Hamilton	Ont.	10	CHAM	1370kHz = 219 metres			
Montreal	Que.	50	CJMS	Valleyfield	Que.	10	CFLV
Quebec.	Que.	10	CKCV	1380kHz = 217 metres			
1290kHz = 232 metres				Brantford	Ont.	10	CKPC
London	Ont.	10	CJBK	Kingston	Ont.	10	CKLC
1300kHz = 231 metres				1390kHz = 216 metres			
Moncton	N.B.	5	CBAF	Ajax	Ont.	10	CHOO
1310kHz = 229 metres				1400kHz = 214 metres			
Ottawa	Ont.	50	CKOY	Riviere du Loup	Que.	10	CJFP
Richmond Hill	Ont.	50	CFGM	1410kHz = 213 metres			
La Pocatiere	Que.	10	CHGB	Vancouver	B.C.	50	CKVN
1320kHz = 227 metres				London	Ont.	10	CKSL
Vancouver	B.C.	50	CHQM	Montreal	Que.	10	CFMB
New Glasgow	N.S.	5	CKEC	1420kHz = 211 metres			
Sorel	Que.	10	CJSO	Peterborough	Ont.	5	CKPT
1330kHz = 225 metres				Melfort	Sask.	10	CJVR
Rosetown	Sask.	10	CKKR	1430kHz = 210 metres			
1340kHz = 224 metres				Toronto	Ont.	50	CKFH
Yarmouth	N.S.	5	CJLS	1440kHz = 208 metres			
1350kHz = 222 metres				Ottawa	Ont.	10	CFGO
Oshawa	Ont.	10	CKLB	1450kHz = 207 metres			
Joliette	Que.	10	CJLM	Granby	Que.	10	CHEF
1360kHz = 220 metres				1460kHz = 205 metres			
Bathurst	N.B.	10	CKBC				

Guelph	Ont.	10	CJOY	1550kHz = 193 metres			
Ville St-Georges Est.	Que.	10	CKRB	Windsor	Ont.	10	CBE
1470kHz = 204 metres				1570kHz = 191 metres			
Vancouver	B.C.	10	CJVB	Nanaimo	B.C.	10	CHUB
Winnipeg	Man.	5	CFRW	Montreal	Que.	50	CKLM
Pointe Claire	Que.	10	CFOX	Orillia	Ont.	10	CFOR
1480kHz = 202 metres				St. Thomas	Ont.	10	CHLO
Drummondville	Que.	10	CHRD	1580kHz = 190 metres			
1510kHz = 199 metres				Chicoutimi	Que.	10	CBJ
Sherbrooke	Que.	10	CJRS	1600kHz = 187 metres			
1540kHz = 195 metres				Simcoe	Ont.	10	CFRS
Toronto	Ont.	50	CHIN				

## BRITISH LOCAL RADIO STATIONS

Town	Station		BAND		
			MW m	kHz	VHF MHz
Birmingham	Radio Birmingham	BBC	206	1456	95.6
Birmingham	Sound Broadcasting	IBA	261	1151	94.8
Blackburn	Radio Blackburn	BBC	351	854	96.4
Brighton	Radio Brighton	BBC	202	1485	95.3
Bristol	Radio Bristol	BBC	194	1546	95.5
Carlisle	Radio Carlisle	BBC	397	755	95.6
Carlisle	Radio Carlisle	BBC	206	1456	-
Chatham	Radio Medway	BBC	202	1485	95.8
Derby	Radio Derby	BBC	269	1151	96.5 Main
Derby	Radio Derby	BBC	-	-	94.2 Relay
Edinburgh*	Radio Forth	IBA	194	1546	96.8
Glasgow	Clyde Radio	IBA	261	1151	95.1
Hull	Radio Humberside	BBC	202	1485	96.9
Leeds	Radio Leeds	BBC	271	1107	92.4
Leicester	Radio Leicester	BBC	188	1596	95.1
Liverpool	Radio Merseyside	BBC	202	1485	95.8
Liverpool*	Sound of Mersey	IBA	194	1546	96.7
London	Radio London	BBC	206	1456	94.9
London	London Broadcasting	IBA	417	719	97.3 Now
London	London Broadcasting	IBA	261	1151	97.3 Later
London	Capitol Radio	IBA	539	557	95.8 Now
London	Capital Radio	IBA	194	1546	95.8 Later
Manchester	Radio Manchester	BBC	206	1456	95.1
Manchester	Piccadilly Radio	IBA	261	1151	97.0
Newcastle/T	Radio Newcastle	BBC	206	1456	95.4
Newcastle/T*	Metropolitan Broad- casting	IBA	261	1151	97.0
Nottingham	Radio Nottingham	BBC	197	1523	95.4
Oxford	Radio Oxford	BBC	202	1485	95.2
Plymouth*	-	IBA	261	1151	96.0
Sheffield	Radio Sheffield	BBC	290	1034	97.4 Main
Sheffield	Radio Sheffield	BBC	-	-	88.6 Relay
Sheffield*	-	IBA	194	1546	95.2 Main
Sheffield*	-	IBA	-	-	95.9 Relay
Southampton	Radio Solent	BBC	301	997	96.1 Main
Southampton	Radio Solent	BBC	188	1596	- Relay
Stoke on Trent	Radio Stoke	BBC	200	1500	96.1
Swansea*	Swansea Sound	IBA	287	1167	95.1

\* Not Yet Open

The following IBA stations will follow in due course : Belfast / Blackburn / Bournemouth / Bradford / Brighton / Bristol / Cardiff / Coventry / Huddersfield / Ipswich / Leeds / Nottingham / Portsmouth / Reading / Teesside / Wolverhampton.

BBC = British Broadcasting Corporation

IBA = Independent Broadcasting Authority



## AVAILABLE NOW

### SECOND BOOK OF TRANSISTOR EQUIVALENTS AND SUBSTITUTES

MORE THAN  
56000 ENTRIES

BY  
B. B. BABANI

224 PAGES  
PRICE 95p

This handbook has been specially prepared by the author because many thousands of new types of transistors have now been released on to the world markets since the publication in February 1971 of the First Book of Transistor Equivalents and Substitutes.

The First Book of Transistor Equivalents has had to be reprinted ten times, reaching world sales exceeding a million copies. The Second Book is produced in the same style as the First Book, but in no way duplicates any of the data presented in this book. The Second Book contains only entirely new material and the two books complement each other and make available the most complete and extensive information in this field. The original unique features have been retained making for very easy use by amateurs, engineers and industrial users. The interchangeability data covers semiconductors manufactured in Gt. Britain, U.S.A., Germany, France, Poland, Italy, Czechoslovakia, Japan, Australia, Scandinavia, Switzerland, East Germany, Belgium, Austria, Netherlands and many other countries. Immediate equivalents are shown and possible substitutes are also included.

For the first time, as in the First Book, all the latest CV listings for all types of transistors have been included.

BABANI PRESS BOOK NO. BP14.

**HANDBOOK OF INTEGRATED CIRCUITS (I.C.'s) EQUIV-  
ALENTS AND SUBSTITUTES**

**HIGH GRADE  
SQUARE BACK  
BINDING**

**BY  
B. B. BABANI**

**PRICE 75p  
I.S.B.N.  
0 900162 35 X**

The first and most complete Integrated Circuits (I.C.'s) equivalents and substitutes guide ever published containing full interchangeability data on more than 9,500 integrated circuits with every possible alternative and equivalent clearly shown. Comprehensively covers all digital and linear I.C.'s of every type, including those manufactured in Gt. Britain, U.S.A., Japan, Germany, France, Czechoslovakia, the rest of Europe and all other manufacturing sources.

The products of the worlds leading makers are listed in this unique book. All available commercial, industrial, service and military types are extensively covered.

**BERNARDS (PUBLISHERS) LTD BOOK NO 202**



## BERNARDS & BABANI PRESS RADIO AND ELECTRONICS BOOKS

BP1	First Book of Transistor Equivalents and Substitutes	40p
BP2	Handbook of Radio, TV, Ind & Transmitting Tube & Valve Equivalents	60p
BP3	Handbook of Tested Transistor Circuits	40p
BP4	World's Short, Medium & Long Wave, FM & TV Broadcasting Stations Listing (International Edition)	60p
BP5	Handbook of Simple Transistor Circuits	35p
BP6	Engineers and Machinists Reference Tables	20p
BP7	Radio and Electronic Colour Codes and Data Chart	15p
BP8	Sound and Loudspeaker Manual	50p
BP9	38 Practical Tested Diode Circuits for the Home Constructor	35p
BP10	Modern Crystal and Transistor Set Circuits for Beginners	35p
BP11	Practical Transistor Novelty Circuits	40p
BP12	Hi-Fi, P.A., Guitar & Discotheque Amplifier Design H/book	75p
BP13	Electronic Novelties for the Motorist	50p
BP14	Second Book of Transistor Equivalents	95p
BP15	Constructors Manual of Electronic Circuits for the Home	50p
BP16	Handbook of Electronic Circuits for the Amateur Photographer	60p
BP17	Radio Receiver Construction Handbook using IC's and Transistors	60p
BP18	Boys & Beginners Book of Practical Radio & Electronics	60p
BP19	Second Constructors Manual, Electronic Circuits for the Home	75p
BP20	Ham's Handbook of Radio and Electronic Circuits	75p
BP21	Practical Circuits for Solid State Receivers	75p
BP22	79 Electronic Novelty Circuits	75p
BP23	First Book of Practical Electronic Projects	75p
100	A Comprehensive Radio Valve Guide - Book 1	40p
121	A Comprehensive Radio Valve Guide - Book 2	40p
126	Boys Book of Crystal Sets	25p
129	Universal Gram-Motor Speed Indicator	10p
138	How to make FM and TV Aerials - Bands 1/2/3	25p
143	A Comprehensive Radio Valve Guide - Book 3	40p
150	Practical Radio Inside Out	40p
157	A Comprehensive Radio Valve Guide - Book 4	40p
160	Coil Design and Construction Manual	50p
161	Radio, TV and Electronics Data Book	60p
170	Transistor Circuits for Radio Controlled Models	40p
177	Modern Transistor Circuits for Beginners	40p
178	A Comprehensive Radio Valve Guide - Book 5	40p
183	How to receive foreign TV programmes on your set by simple modifications	35p
195	High Fidelity 14 Watt Amplifier Design Chart	15p
196	AF-RF Reactance-Frequency Chart for Constructors	15p
197	Inexpensive Push-Pull Amplifier Construction Chart	15p
200	Handbook of Practical Electronic Musical Novelties	50p
201	Practical Transistorised Novelties for Hi-Fi Enthusiasts	35p
202	Handbook of Integrated Circuits (Ic's) Equivalents and Substitutes	75p
203	IC's and Transistor Gadgets Construction Handbook	60p
204	Second Book of Hi-Fi Loudspeaker Enclosures	60p
205	First Book of Hi-Fi Loudspeaker Enclosures	60p
206	Practical Transistor Circuits for Modern Test Equipment	60p
207	Practical Electronic Science Projects	75p
208	Practical Stereo and Quadrophony Handbook	75p
209	Modern Tape Recording Handbook	75p
210	The Complete Car Radio Handbook	75p
RCC	Resistor Colour Code Disc Calculator	10p

BABANI PRESS & BERNARDS (PUBLISHERS) LIMITED  
 The Grampians, Shepherds Bush Road, London W6 7NF  
 Telephone Number: 01 603 2581/7296