

A tall, lattice-structured radio tower, likely a broadcast tower, is the central focus of the cover. It is constructed from dark metal beams and cross-braces, forming a complex, tapering structure. The tower has several horizontal platforms or walkways, some with perforated metal grating. At the top, there is a smaller, more intricate lattice structure, possibly for antennas or a weather vane. The background is a solid, deep blue color, which makes the dark metal of the tower stand out. The overall image has a slightly grainy, vintage quality.

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# ***Guide to Broadcasting Stations***

COMPILED BY THE STAFF OF  
"WIRELESS WORLD"

## CONTENTS

<b>LONG- AND MEDIUM-WAVE EUROPEAN STATIONS</b>	
1. In order of frequency . . . . .	3
2. Geographically . . . . .	19
<b>SHORT-WAVE STATIONS OF THE WORLD</b>	
1. In order of frequency . . . . .	31
2. Geographically . . . . .	102
MAP OF BROADCASTING REGIONS . . . . .	64
INTERNATIONAL ALLOCATION OF CALL SIGNS . . . . .	127

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## INTRODUCTION

The information given in this fourteenth edition of *Guide to Broadcasting Stations* has been completely revised and brought up to date although it must be remembered that some stations make frequent changes in operating characteristics.

All authorized long- and medium-wave stations operating in the European Broadcasting Area, which includes the western part of the U.S.S.R. and territories bordering the Mediterranean Sea, are listed both in order of frequency and geographically. The details have been checked against the latest information available from the European Broadcasting Union.

More than two-thirds of this edition is devoted to details of the world's short-wave broadcasting stations. There are nearly 4,000 entries in the list giving frequencies, wavelengths and power of the stations operating in the short-wave bands, for we have included all the frequencies that have been used, or have been notified for use, at all seasons of the year. All stations are also listed geographically.

We are indebted to the B.B.C. for the list of frequency measurements made at its Tatsfield Station and against this we have checked the information given in the short-wave list.

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## Long- and Medium-wave European Stations

The Copenhagen Plan (1948) provided for the operation of long-wave and medium-wave broadcasting stations in 9-kc/s channels in the European Broadcasting Area. This area includes the western part of the U.S.S.R. and the territories bordering the Mediterranean Sea. Those parts of Arabia and Saudi Arabia which come within this area were however excluded from the Copenhagen Plan, but Iraq is included. As will be seen from the first column in the following table there are 15 channels in the long-wave band (150–285 kc/s), 121 in the medium-wave band (525–1605 kc/s) and 3 intermediate channels, marked XI–X3. Many stations are, however, operating on frequencies not allocated to their countries under the Plan; particulars of these stations are italicized. Some stations provided for in the Plan are not yet using the frequencies allocated; these are marked † in the power column. Stations operating on the international common frequencies (1484 and 1594 kc/s) are included in the geographical list only (page 19). Where a country is operating a number of very low-power stations of 1kW or less on the same frequency—but not necessarily synchronized—the abbreviation “L.P. Stations” is used in the frequency list but the stations are named in the geographical list. The station's operating power is given in column four; where, however, the power is variable (for instance, for day and night operation) the alternatives are given.

A list of abbreviations will be found on page 30.

Chan.	kc/s	Metres	kW	Station and Country	
—	151	1,987	20	<i>Mainflingen (D.F.)</i>	<i>Germany (W.)</i>
			500	<i>Moscow, Russia</i>	<i>U.S.S.R.</i>
1	155	1,935	10	Tromsø	Norway
			150	Brasov	Rumania
2	164	1,829	250/500	Allouis	France
3	173	1,734	100	<i>Königswusterhausen</i>	<i>Germany (E.)</i>
			500	<i>Moscow, Russia</i>	<i>U.S.S.R.</i>
—	180	1,667	200/1,000	<i>Saarlouis (Europe No. 1)</i>	<i>Germany (W.)</i>
4	182	1,648	†	Reykjavik	Iceland
			10	Lulea	Sweden
			120	Ankara	Turkey
—	185	1,622	1,000	<i>Rehmate, Berlin</i>	<i>Germany (E.)</i>
5	191	1,571	600	Motala	Sweden
6	200	1,500	400	Droitwich, Worcs. (E & L)	U. K.
			100	<i>Moscow, Russia</i>	<i>U.S.S.R.</i>
7	209	1,435	100	Reykjavik	Iceland
			150	Kiev, Ukraine	U.S.S.R.
8	218	1,376	200	Oslo	Norway
9	227	1,322	500	Warsaw	Poland
—	233	1,288	500	<i>Luxembourg</i>	<i>Luxembourg</i>
10	236	1,271	100	Leningrad, Russia	U.S.S.R.
11	245	1,224	150	Kalundborg	Denmark
12	254	1,181	200	Lahti	Finland
13	263	1,141	150	<i>Königswusterhausen</i>	<i>Germany (E.)</i>
			150	<i>Moscow, Russia</i>	<i>U.S.S.R.</i>
14	272	1,103	200	Uherske Hradiste	Czechoslovakia
15	281	1,067	100	Minsk, Byelorussia	U.S.S.R.

Chan.	kc/s	Metres	kW	Station and Country	
—	385	779	—	Kharkov, Ukraine	U.S.S.R.
			—	Moscow, Russia	U.S.S.R.
			—	Orel, Russia	U.S.S.R.
—	400	750	—	Minsk, Byelorussia	U.S.S.R.
X1	420	714.3	†	Ostersund	Sweden
X2	433	693	10	Oulu	Finland
X3	520	576.9	2	Aldrans	Austria
			2	Bludenz	Austria
			10	Lienz	Austria
			0.05	Murau	Austria
			1	Joensuu	Finland
			2	Brunswick (N.D.R.)	Germany (W.)
			4	L.P. Stations (B.R.)	Germany (W.)
			1	Hamar	Norway
			0.25	Röros	Norway
1	529	567.1	220	Schwerin	Germany (E.)
			150	Beromünster	Switzerland
2	539	556.6	135	Budapest	Hungary
			0.05	Bayonne	France
3	548	547.4	4	Colomb-Béchar	Algeria
			200	Königsutter (D.F.)	Germany (W.)
			150	Moscow, Russia	U.S.S.R.
			100	Odessa, Ukraine	U.S.S.R.
4	557	538.6	4	Touggourt	Algeria
			40	Abu Zaabal	Egypt
			100	Helsinki	Finland
			5	Greifswald	Germany (East)
			1	Faro	Portugal
			1	Guarda	Portugal
			1	Timisoara	Rumania
			50	Monte Ceneri	Switzerland
5	566	530	—	7 L.P. Stations	Austria
			—	Sofia	Bulgaria
			100	Athlone	Eire
			20	Berlin (S.F.B.)	Germany (West)
			10	Caltanissetta	Italy
			5	Salento	Italy
6	575	521.7	4	Laghouat	Algeria
			120	Leipzig	Germany (East)
			100	Stuttgart (S.D.R.)	Germany (West)
			100	Riga, Latvia	U.S.S.R.
7	584	513.7	25	Klagenfurt	Austria
			0.05	Mayrhofen	Austria
			10	Salzburg	Austria
			150	Vienna	Austria
			5	Thorshavn	Faroe Is.
			1	Paris	France
			50	Tel Aviv	Israel
			200	Madrid	Spain
			10	Tartus	Syria
			1	Sfax	Tunisia
8	593	505.9	250	Sofia	Bulgaria
			100	Frankfurt (H.R.)	Germany (West)
			20	Hoher Meissner (H.R.)	Germany (W.)

Chan.	kc/s	Metres	kW	Station and Country				
(8)	(593)	(505.9)	100	<i>Oujda</i>	<i>Morocco</i>			
			150	<i>Sundsvall</i>	<i>Sweden</i>			
			300	<i>Homs</i>	<i>Syria</i>			
9	602	498.3	100	<i>Lyons</i>	<i>France</i>			
			20	<i>Chemnitz</i>	<i>Germany (East)</i>			
			4	<i>Timisoara</i>	<i>Rumania</i>			
			2	<i>Damascus</i>	<i>Syria</i>			
			5	<i>Sfax</i>	<i>Tunisia</i>			
—	606	495.9	20	<i>Nicosia</i>	<i>Cyprus</i>			
	10	611	491	1,000	<i>Berlin-Köpenik</i>	<i>Germany (E.)</i>		
<i>Grafenwöhr (A.F.N.)</i>					<i>Germany (W.)</i>			
<i>Kaiserslautern (A.F.N.)</i>					<i>Germany (W.)</i>			
<i>Nürnberg (A.F.N.)</i>					<i>Germany (W.)</i>			
10					<i>Nürnberg (A.F.N.)</i>	<i>Germany (W.)</i>		
10					<i>Nürnberg (A.F.N.)</i>	<i>Germany (W.)</i>		
1					<i>Hoefn</i>	<i>Iceland</i>		
140					<i>Sebaa-Aioun</i>	<i>Morocco</i>		
100					<i>Petrozavodsk, Karelia</i>	<i>U.S.S.R.</i>		
20					<i>Krasnodar, Karelia</i>	<i>U.S.S.R.</i>		
11	620	483.9	100	<i>Sarajevo</i>	<i>Yugoslavia</i>			
			150	<i>Brussels</i>	<i>Belgium</i>			
			450	<i>Batra</i>	<i>Egypt</i>			
12	629	476.9	†	<i>Moalatya</i>	<i>Turkey</i>			
			25	<i>Aldrans</i>	<i>Austria</i>			
			25	<i>Lauterach</i>	<i>Austria</i>			
			1	<i>Lienz</i>	<i>Austria</i>			
			20	<i>Erfurt</i>	<i>Germany (E.)</i>			
			100	<i>Vigra</i>	<i>Norway</i>			
			300	<i>Tunis</i>	<i>Tunisia</i>			
13	638	470.2	150	<i>Prague</i>	<i>Czechoslovakia</i>			
			100	<i>Limassol (B.B.C.)</i>	<i>Cyprus</i>			
			20	<i>San Sebastian</i>	<i>Spain</i>			
—	645	463.2	5	<i>Seville</i>	<i>Spain</i>			
	14	647	463.7	1	<i>Lages</i>	<i>Azores</i>		
150				<i>Crowborough, Sussex (E)</i>	<i>U.K.</i>			
150				<i>Daventry, Northants. (T)</i>	<i>U.K.</i>			
2				<i>Edinburgh, Midlothian (T)</i>	<i>U.K.</i>			
2				<i>Glasgow (T)</i>	<i>U.K.</i>			
2				<i>Newcastle, North'd (T)</i>	<i>U.K.</i>			
7				<i>Redmoss, Aberdeen (T)</i>	<i>U.K.</i>			
100				<i>Simferopol, Russia</i>	<i>U.S.S.R.</i>			
15				656	457.3	20	<i>Potsdam</i>	<i>Germany (E.)</i>
						100	<i>Tel Aviv</i>	<i>Israel</i>
						20	<i>Bolzano</i>	<i>Italy</i>
						80	<i>Florence</i>	<i>Italy</i>
						80	<i>Naples</i>	<i>Italy</i>
	35	<i>Turin</i>	<i>Italy</i>					
	10	<i>Venice</i>	<i>Italy</i>					
	150	<i>Murmansk, Russia</i>	<i>U.S.S.R.</i>					
16	665	451.1	20	<i>Bad Dürkheim (S.W.F.)</i>	<i>Germany (W.)</i>			
			20	<i>Ravensburg (S.W.F.)</i>	<i>Germany (W.)</i>			
			10	<i>Reutlingen (S.W.F.)</i>	<i>Germany (W.)</i>			
			5	<i>Athens</i>	<i>Greece</i>			
			5	<i>Eidar</i>	<i>Iceland</i>			
			135	<i>Lisbon</i>	<i>Portugal</i>			
			50	<i>Damascus</i>	<i>Syria</i>			

Chan.	kc/s	Metres	kW	Station and Country	
(16)	(665)	(451·1)	100	Kaunus, Lithuania	U.S.S.R.
17	674	445·1	—	8 L.P. Stations	Austria
			150	Marseilles	France
			100	El Beida	Libya
			10	Bodö	Norway
			50	Chernovtsy, Ukraine	U.S.S.R.
—	677	443·1	20	Jerusalem	Jordan
18	683	439·2	100	Berlin (R.I.A.S.)	Germany (West)
			40	Hof (R.I.A.S.)	Germany (West)
			150	Belgrade	Yugoslavia
19	692	433·5	20	Nicosia	Cyprus
			250	Wachenbrünn	Germany (E.)
			2	Cromer, Norfolk (H)	U.K.
			150	Moorside Edge, Yorks. (H)	U.K.
			2	Whitehaven, Cumb. (H)	U.K.
20	701	428	100	Banska Bystrica	Czechoslovakia
			2	Bratislava	Czechoslovakia
			2	Kosice	Czechoslovakia
			—	Usti-Laben	Czechoslovakia
			5	Aachen (W.D.R.)	Germany (West)
			10	Hamburg (N.D.R.)	Germany (West)
			2	Herford (W.D.R.)	Germany (West)
			2	Lingen (N.D.R.)	Germany (West)
			2	Norden (N.D.R.)	Germany (West)
			2	Siegen (W.D.R.)	Germany (West)
			140	Sebaa-Aioun	Morocco
			20	Finnmark	Norway
			150	Istanbul	Turkey
21	710	422·5	100	Abu Zaabal	Egypt
			150	Rennes	France
			1	Jerusalem	Israel
			150	Donetsk, Ukraine	U.S.S.R.
22	719	417·2	100	Limassol (B.B.C.)	Cyprus
			135	Holzkirchen (R.F.E.)	Germany (W.)
			50	San Salvador	Portugal
			150	Ostersund	Sweden
			2	Aleppo	Syria
23	728	412·1	25	Klagenfurt	Austria
			250	Wöbbelin	Germany (East)
			150	Athens	Greece
			100	La Coruna	Spain
24	737	407	40	Hof (R.I.A.S.)	Germany (West)
			5	Akureyri	Iceland
			200	Tel Aviv	Israel
			300	Poznan	Poland
			24	Torun	Poland
			25	Barcelona	Spain
25	746	402·1	—	Plovdiv	Bulgaria
			20	Hoyerswerda	Germany (East)
			120	Hilversum	Netherlands
			20	Aleppo	Syria
26	755	397·3	20	Kuopio	Finland
			20	Ravensburg (D.F.)	Germany (W.)
			135	Lisbon	Portugal



Chan.	kc/s	Metres	kW	Station and Country	
(26)	(755)	(397.3)	50	Timisoara	Rumania
27	764	392.6	300	Hurriyah	Iraq
			150	Sottens	Switzerland
			10	Odessa, Ukraine	U.S.S.R.
28	773	388.1	—	7 L.P. Stations	Austria
			50	Abu Zaabal	Egypt
			—	Voronezh, Russia	U.S.S.R.
			5	Valencia	Spain
			2	Malmberget	Sweden
			150	Stockholm	Sweden
29	782	383.6	250	Burg	Germany (East)
			100	Oporto-Miramar	Portugal
			100	Kiev, Ukraine	U.S.S.R.
			1	Vatican City	Vatican State
—	784	383.6	10	Damascus	Syria
30	791	379.2	100	Limoges	France
			50	Salonika (V.o.A.)	Greece
31	800	375	30	Abu Zaabal	Egypt
			100	Munich (B.R.)	Germany (West)
			100	Amman	Jordan
			0.25	Regua	Portugal
			5	Seville	Spain
			100	Leningrad, Russia	U.S.S.R.
32	809	370.8	20	Madrid EAJ7	Spain
			100	Burghead, Moray (H)	U.K.
			2	Dumfries (H)	U.K.
			5	Redmoss, Aberdeen (H)	U.K.
			100	Westerglen, Stirling (H)	U.K.
			135	Skopje	Yugoslavia
33	818	366.7	600	Andorra	Andorra
			450	Batra	Egypt
			10	Trieste	Italy
			1	Casablanca	Morocco
			300	Warsaw	Poland
34	827	362.8	100	Sofia	Bulgaria
			3	Baden Baden (S.W.F.)	Germany (W.)
			40	Freiburg (S.W.F.)	Germany (W.)
			3	Kaiserslautern (S.W.F.)	Germany (W.)
			0.5	Koblentz (S.W.F.)	Germany (W.)
			3	Sigmaringen (S.W.F.)	Germany (W.)
			3	Trier (S.W.F.)	Germany (W.)
			20	Tetuan	Morocco
			10	Barcelona EAJ1	Spain
—	833	360.1	2	Benghazi (B.F.N.)	Libya
35	836	358.9	10	Ylivieska	Finland
			150	Nancy	France
			4	Beirut	Lebanon
			5	Huelva	Spain
			100	Kharkov, Ukraine	U.S.S.R.
			—	Vinnitsa, Ukraine	U.S.S.R.
36	845	355	1	Safad	Israel
			150	Rome	Italy
—	850	352.9	0.025	Adana (A.F.N.)	Turkey
—	853	351.4	—	Berlin	Germany (East)

Chan.	kc/s	Metres	kW	Station and Country	
(—)	(853)	(351·4)	100	Burg	Germany (East)
37	854	351·3	20	Berlin (R.I.A.S.)	Germany (W.)
			150	Bucharest	Rumania
			7·5	Madrid	Spain
—	857	350·9	—	Rabat	Morocco
38	863	347·6	—	Tlemcen	Algeria
			150	Paris	France
			10	Tartus	Syria
39	872	344	150	Frankfurt (A.F.N.)	Germany (West)
			20/50	Budapest	Hungary
			30	Zaragoza	Spain
			150	Moscow, Russia	U.S.S.R.
40	881	340·5	100	Königswusterhausen	Germany (E.)
			8	Penmon, Anglesey (H)	U.K.
			5	Towyn, Merioneth (H)	U.K.
			100	Washford, Somerset (H)	U.K.
			2	Wrexham, Denbigh. (H)	U.K.
			20	Titograd	Yugoslavia
41	890	337·1	100/200	Algiers	Algeria
			15	Linz	Austria
			20	Bergen	Norway
			20	Kristiansand	Norway
			20	Trøndelag	Norway
			20	Ouchgorod, Ukraine	U.S.S.R.
—	894	335	20	Avila EFE 32	Spain
42	899	333·7	150	Milan	Italy
—	900	333·6	—	Limassol	Cyprus
—	904	331·9	250	Burg	Germany (East)
43	908	330·4	200	Thourah	Iraq
			5	Miercurea	Rumania
			140	Brookmans Park, London (H)	U.K.
—	912	328·9	20	Reichenbach	Germany (East)
—	915	327·3	2	Paphos	Cyprus
44	917	327·2	5	Tetuan	Morocco
			1	Rabat	Morocco
			120	Madrid	Spain
			135	Ljubljana	Yugoslavia
45	926	324	150	Brussels	Belgium
			10	Giza	Egypt
—	927	923·6	2	Nis	Yugoslavia
46	935	320·9	10	Berlin (A.F.N.)	Germany (West)
			250	Burg	Germany (East)
			100	Agadir	Morocco
			20	Sebaa-Aioun	Morocco
			100	Lwov, Ukraine	U.S.S.R.
47	944	317·8	100	Toulouse	France
			100	Rostov-on-Don, Russia	U.S.S.R.
—	954	314·7	30	Dayr-Az-Zur	Syria
48	953	314·8	150	Brno	Czechoslovakia
			15	Plzen	Czechoslovakia
			20	Madrid	Spain
49	962	311·9	0·05	Ehrwald	Austria
			100	Turku	Finland
			5	Paris	France
			20/120	Tunis	Tunisia

Chan.	kc/s	Metres	kW	Station and Country
50	971	309	5	Göttingen (N.D.R.) Germany (W.)
			100	Hamburg (N.D.R.) Germany (W.)
			100	Langenberg (W.D.R.) Germany (W.)
51	980	306.1	†	Izmir Turkey
			—	Kiev, Ukraine U.S.S.R.
			100/200	Algiers Algeria
52	989	303.3	2.5	Trieste Italy
			150	Göteborg Sweden
			†	Rovaniemi Finland
—	990	303.3	300	Berlin (R.I.A.S.) Germany (West)
			100	Beirut Lebanon
			20	Majadahonda Spain
53	998	300.6	1	Tripoli (A.F.N.) Libya
			140	Andorra Andorra
			0.2	Buchen (S.D.R.) Germany (West)
54	1,007	297.9	10	Heidelberg (S.D.R.) Germany (West)
			100	Kishinev, Moldavia U.S.S.R.
			50	Kerkyra, Corfu Greece
55	1,016	295.3	120	Wolfsheim (S.W.F.) Germany (W.)
			1	Tangier Morocco
			†	Istanbul Turkey
56	1,025	292.7	100	Graz-Dobl Austria
			0.05	Kitzbühel Austria
			10	Lauterach Austria
—	1,029	291.5	100	Linz-Kronstorf Austria
			5	MariaPfarr Austria
			100	Tel Aviv Israel
57	1,034	290.1	1	Agadir Morocco
			1	Safi Morocco
			5	San Sebastian EAJ8 Spain
—	1,051	285.3	1	Caceres EFE6 Spain
			—	2 L.P. Stations (A.F.N.) Germany (W.)
			10	Genoa Italy
58	1,043	287.6	20	Milan Italy
			25	Naples Italy
			5	Pescara Italy
—	1,046	286.8	5	San Remo Italy
			25	Venice Italy
			20	Parede Portugal
59	1,052	285.2	100	Tallinn, Estonia U.S.S.R.
			240	Dresden Germany (East)
			5	Salonika Greece
—	1,051	285.3	1	Oujda Morocco
			20	Sebaa-Aioun Morocco
			1	Puigcerda EFE16 Spain
59	1,052	285.2	0.2	Blanes EFE56 Spain
			—	2 L.P. Stations Austria
			20	Suhl Germany (East)
—	1,051	285.3	2	Tripoli Libya
			40	Bacau Rumania

Chan.	kc/s	Metres	kW	Station and Country	
(59)	(1,052)	(285.2)	10	Iasi	Rumania
			—	Barcelona	Spain
			2	Leon EOP25	Spain
			2	Barnstaple, Devon (H)	U.K.
			120	Start Point, Devon (H)	U.K.
—	1,057	283	20	Tetuan	Morocco
60	1,061	282.8	60	Kalundborg	Denmark
			20	Cagliari	Italy
			1	Livorno	Italy
			50	San Salvador	Portugal
			2	Ankara	Turkey
			—	Saransk, Moldavia	U.S.S.R.
61	1,070	280.4	100	Paris	France
			20	Dniepropetrovsk, Ukraine	U.S.S.R.
62	1,079	278	20	Plauen	Germany (East)
			2	Bremerhaven (R.B.)	Germany (W.)
			60	Katowice	Poland
			1	Barcelona	Spain
			5	Oviedo EFE22	Spain
			5	Pamplona EFE57	Spain
			5	Valencia EFE17	Spain
			5	Vigo EFE31	Spain
—	1,086	276.5	0.04	Villaneuva EFJ20	Spain
63	1,088	275.7	20	Tirana	Albania
			150	Droitwich, Worcs. (H)	U.K.
			7.5	Norwich, Norfolk (H)	U.K.
—	1,096	273.8	2	Lerida EOP15	Spain
64	1,097	273.5	150	Bratislava	Czechoslovakia
			2	Albacete EOP46	Spain
			2	Astorga EOP48	Spain
			2	Burgos EOP3	Spain
65	1,106	271.2	100	Munich (A.F.N.)	Germany (W.)
			—	Galicia	Spain
			2	Madrid EFJ1	Spain
			2	Malaga EFJ56	Spain
			2	Zaragoza EFJ46	Spain
			100	Vilna, Lithuania	U.S.S.R.
—	1,110	270.3	0.5	Haifa	Israel
			0.2	Villafranca EFE9	Spain
66	1,115	269.1	2	Aosta	Italy
			40	Bari	Italy
			50	Bologna	Italy
			5	Messina	Italy
			10	Pisa	Italy
			2	Trieste	Italy
			10	Rabat	Morocco
			—	Sync. Network	Norway
			2	Murcia EFJ19	Spain
			—	Moscow, Russia	U.S.S.R.
—	1,120	267.9	0.3	Picasent EFE44	Spain
67	1,124	266.9	—	13 L.P. Stations	Austria
			10	Brussels	Belgium
			10	Varna	Bulgaria
			3	Barcelona	Spain

Chan.	kc/s	Metres	kW	Station and Country	
(67)	(1,124)	(266.9)	20	Leningrad, Russia	U.S.S.R.
68	1,133	264.8	133	Berlin	Germany (East)
			2	Bilbao EAJ28	Spain
			20	Madrid EAJ7	Spain
			2	Adana	Turkey
			20	Rijeka	Yugoslavia
			50	Split	Yugoslavia
			135	Zagreb	Yugoslavia
69	1,142	262.7	20	Constantine	Algeria
			40	Oran	Algeria
			—	5 L.P. Stations	Austria
			5	Bremerhaven (A.F.N.)	Germany (W.)
			100	Stuttgart (A.F.N.)	Germany (W.)
			—	5 L.P. Stations (A.F.N.)	Germany (W.)
			2	Salamanca	Spain
70	1,151	260.6	20	Kaliningrad, Russia	U.S.S.R.
			1	Rabat	Morocco
			50	Cluj	Rumania
			2	Scarborough, Yorks. (H)	U.K.
			100	Stagshaw, North'd (H)	U.K.
—	1,156	259.6	1	Alcira EOP56	Spain
71	1,160	258.6	150	Strasbourg	France
			0.4	Aranjuez EFJ40	Spain
			5	Toledo EAJ49	Spain
—	1,165	257.4	2	Kars	Turkey
72	1,169	256.6	10	Heilbronn (S.D.R.)	Germany (West)
			5	Ulm (S.D.R.)	Germany (West)
			10	Salonika	Greece
			1	Jerusalem	Israel
			10	Oporto	Portugal
			150	Kiev, Ukraine	U.S.S.R.
			—	Vinnitsa, Russia	U.S.S.R.
			6	Koper	Yugoslavia
—	1,174	255.3	2	Zaragoza EOP6	Spain
73	1,178	254.7	2	Aswan	Egypt
			10	Dalimara Point	Malta
			—	Villacarrillo EFJ18	Spain
			100	Hörby	Sweden
—	1,181	254.2	5	Cuenca EFJ54	Spain
			—	Carlet EFE48	Spain
—	1,186	252.8	2	Almeria EFJ25	Spain
			2	Cadiz EFJ5	Spain
74	1,187	252.7	135	Szolnok	Hungary
			1	Casablanca	Morocco
			0.8	Albacete EFE23	Spain
			0.8	Cartagenca EFJ26	Spain
			2	La Coruna EFJ11	Spain
			1	San Feliu de Llobregat	Spain
			2	Soria EFJ2	Spain
			2	Villanueva EAJ35	Spain
—	1,190	252.1	0.8	Plasencia EFJ7	Spain
—	1,192	251.7	0.8	Burjasot EFJ35	Spain
75	1,196	250.8	300	Munich (V.o.A.)	Germany (West)
			†	Kerkyra	Greece

Chan.	kc/s	Metres	kW	Station and Country	
(75)	(1,196)	(250·8)	†	Agadir	Morocco
76	1,205	249	100	Bordeaux	France
			10	Haifa	Israel
			—	<i>Marrakech</i>	<i>Morocco</i>
			60	Cracow	Poland
77	1,214	247·1	†	Punta Delgada	Azores
			—	<i>Barcelona</i>	<i>Spain</i>
			60	Brookmans Park, London (L)	U.K.
			20	Burghead, Moray (L)	U.K.
			10	Lisnagarvey, N. Ireland (L)	U.K.
			0·25	Londonderry, N. Ireland (L)	U.K.
			58	Moorside Edge, Yorks. (L)	U.K.
			2	Newcastle, North'd (L)	U.K.
			0·25	Plymouth, Devon (L)	U.K.
			2	Redmoss, Aberdeen (L)	U.K.
			2	Redruth, Cornwall (L)	U.K.
			50	Westerglen, Stirling (L)	U.K.
			20	Kursk, Russia	U.S.S.R.
			5	Tallinn, Estonia	U.S.S.R.
—	1,216	246·7	0·2	<i>Korce</i>	<i>Albiana</i>
—	1,218	246·3	—	<i>Morana de Frontera</i>	<i>Spain</i>
78	1,223	245·3	30	Stara Zagora	Bulgaria
			—	<i>Bloemendaal</i>	<i>Netherlands</i>
			20	Madrid	Spain
			100	Falun	Sweden
79	1,232	243·5	100	Kosice	Czechoslovakia
			2	Hradec Karlove	Czechoslovakia
			2	Orava	Czechoslovakia
			50	<i>Tangier</i>	<i>Morocco</i>
—	1,240	241·9	0·4	<i>Villena EFJ33</i>	<i>Spain</i>
80	1,241	241·7	25	Vaasa	Finland
			20	Brest	France
			20	Lille	France
			20	Lyons	France
			20	Marseilles	France
			20	Nancy	France
			20	Nice	France
			20	Rennes	France
			—	Kiev, Ukraine	U.S.S.R.
			—	Lwow, Ukraine	U.S.S.R.
—	1,242	241·5	2	<i>Gaziantep</i>	<i>Turkey</i>
81	1,250	240	†	2 Stations	Egypt
			5	Cork	Eire
			5	Dublin	Eire
			135	Balatonszabadi	Hungary
			5	<i>Barcelona EFJ15</i>	<i>Spain</i>
			2	<i>Bilbao EFJ43</i>	<i>Spain</i>
			2	<i>Leon EFE5</i>	<i>Spain</i>
			0·8	<i>Torre la Vega EFJ44</i>	<i>Spain</i>
			2	<i>Viscaya EFJ43</i>	<i>Spain</i>
—	1,255	239	0·8	<i>Logrono EFJ50</i>	<i>Spain</i>
82	1,259	238·3	50	Wroclaw	Poland
			23	Zielona Gora	Poland
			5	<i>Valencia EAJ3</i>	<i>Spain</i>
—	1,263	237·8	1	<i>La Linea EFJ55</i>	<i>Spain</i>

Chan.	kc/s	Metres	kW	Station and Country	
(—)	1,263	(237·8)	—	<i>Santa Lucia</i>	<i>Spain</i>
—	1,265	237·1	0·2	<i>Olot EFE41</i>	<i>Spain</i>
83	1,268	236·6	0·2	<i>Linares EAJ37</i>	<i>Spain</i>
			2	<i>Oviedo EAJ19</i>	<i>Spain</i>
			1	<i>Valladolid EFE1</i>	<i>Spain</i>
			84	<i>Novi Sad</i>	<i>Yugoslavia</i>
—	1,272	236·2	0·4	<i>Gjinocaster</i>	<i>Albania</i>
—	1,276	234·9	1	<i>Elda EOP32</i>	<i>Spain</i>
84	1,277	234·9	2	<i>Alexandria</i>	<i>Egypt</i>
			100	<i>Strasbourg</i>	<i>France</i>
			1	<i>Tel Aviv</i>	<i>Israel</i>
			2	<i>Ciudad Real EAK22</i>	<i>Spain</i>
			2	<i>Jaca EOP76</i>	<i>Spain</i>
			20	<i>San Sebastian EOP44</i>	<i>Spain</i>
			2	<i>Zamora EOP26</i>	<i>Spain</i>
—	1,279	234·4	2	<i>Moscow, Russia</i>	<i>U.S.S.R.</i>
85	1,286	233·3	100	<i>Jaen EOP40</i>	<i>Spain</i>
			2	<i>Prague</i>	<i>Czechoslovakia</i>
			2	<i>Lisbon</i>	<i>Portugal</i>
—	1,292	232·1	2	<i>Santander EAJ32</i>	<i>Spain</i>
—	1,293	231·5	—	<i>Crevillente</i>	<i>Spain</i>
—	1,294	231·7	0·8	<i>Baza EFJ28</i>	<i>Spain</i>
			0·8	<i>Guadalavara EFJ9</i>	<i>Spain</i>
86	1,295	231·7	5	<i>Berlin (B.B.C.)</i>	<i>Germany (W.)</i>
			1	<i>Agadir</i>	<i>Morocco</i>
			0·2	<i>Rabat</i>	<i>Morocco</i>
			150	<i>Crowborough, Sussex (E.)</i>	<i>U.K.</i>
—	1,298	231	0·8	<i>Algemesi EFJ10</i>	<i>Spain</i>
—	1,299	230·8	2	<i>Merida EFJ16</i>	<i>Spain</i>
—	1,301	230·6	0·35	<i>Palamos EFE40</i>	<i>Spain</i>
87	1,304	230·1	30	<i>Constantine</i>	<i>Algeria</i>
			40	<i>Oran</i>	<i>Algeria</i>
			—	<i>6 L.P. Stations (A.F.N.)</i>	<i>Germany (W.)</i>
			60	<i>Gdansk</i>	<i>Poland</i>
			160	<i>Stettin</i>	<i>Poland</i>
			26	<i>Torun</i>	<i>Poland</i>
			2	<i>Bilbao EOP13</i>	<i>Spain</i>
			2	<i>Murcia EOP12</i>	<i>Spain</i>
—	1,310	229·1	2	<i>Avila EOP45</i>	<i>Spain</i>
			1	<i>Calataynd EOP66</i>	<i>Spain</i>
88	1,313	228·4	—	<i>10 L.P. Stations</i>	<i>Austria</i>
			0·5	<i>Las Palmas</i>	<i>Canary Is.</i>
			1	<i>Athens</i>	<i>Greece</i>
			100	<i>Stavanger</i>	<i>Norway</i>
			2	<i>Constanza</i>	<i>Rumania</i>
			2	<i>Badalona EAJ39</i>	<i>Spain</i>
			2	<i>La Coruna EAJ41</i>	<i>Spain</i>
			0·8	<i>Talavera del Reina EFJ37</i>	<i>Spain</i>
89	1,322	226·9	150	<i>Leipzig</i>	<i>Germany (East)</i>
			1	<i>Safi</i>	<i>Morocco</i>
			0·15	<i>Santarem</i>	<i>Portugal</i>
			2	<i>Cadiz EAJ59</i>	<i>Spain</i>
			2	<i>Pamplona</i>	<i>Spain</i>
			100	<i>Kharkov, Ukraine</i>	<i>U.S.S.R.</i>

Chan.	kc/s	Metres	kW	Station and Country	
—	1,327	225·7	2	Oviedo EOP10	Spain
90	1,331	225·4	20	Bari	Italy
			25	Bologna	Italy
			2	Catania	Italy
			50	Genoa	Italy
			12·5	Palermo	Italy
			25	Pescara	Italy
			80	Rome	Italy
			1	Trento	Italy
			1	Udine	Italy
			0·4	Denia EFE7	Spain
			100	Tallinn, Estonia	U.S.S.R.
—	1,332	225·3	0·5	Jativa EFE18	Spain
—	1,335	224·6	2	Segura EOP106	Spain
			2	Seville EOP2	Spain
—	1,336	224·5	1	Tel Aviv	Israel
—	1,338	224·1	2	Teruel EFE2	Spain
91	1,340	223·9	†	Alexandria	Egypt
			25	Nyiregyhaza	Hungary
			15	Pecs	Hungary
			25	Szombathely	Hungary
			2	Palma Mallorca EOP18	Spain
			100	Lisnagarvey, N. Ireland (H)	U.K.
			5	Londonderry, N. Ireland (H)	U.K.
—	1,344	223·1	2	Tortosa EOP51	Spain
92	1,349	222·4	0·5	Korce	Albania
			20	Bordeaux	France
			20	Grenoble	France
			20	Limoges	France
			10	Nantes	France
			20	Toulouse	France
			0·5	Gyor	Hungary
			2	Szolnok	Hungary
			0·8	Sabadell EFJ12	Spain
			20	Kuldiga, Latvia	U.S.S.R.
			20	Modona, Latvia	U.S.S.R.
			20	Valmiera, Latvia	U.S.S.R.
—	1,354	221·6	—	Albarracin EFE3	Spain
			0·4	Santander EFJ30	Spain
—	1,355	221·3	1	Kukes	Albania
—	1,356	221·2	0·8	Teruel EFJ36	Spain
93	1,358	220·9	1	Tirana	Albania
			50	Berlin-Köpenick	Germany (E.)
			20	Bremen (R.B.)	Germany (W.)
			1	Eilat	Israel
			0·1	Elvas	Portugal
			1	Viseu	Portugal
			2	Alicante EFE8	Spain
—	1,363	220·2	1	Palencia EFE4	Spain
—	1,365	219·9	0·8	Ferrol EFE15	Spain
94	1,367	219·5	2	Florence	Italy
			10	Genoa	Italy
			10	Milan	Italy
			12·5	Naples	Italy
			2	Palermo	Italy



Chan.	kc/s	Metres	kW	Station and Country				
(94)	(1,367)	(219.5)	5	Rome	Italy			
			2	Sassari	Italy			
			5	Turin	Italy			
			25	Venice	Italy			
			2	Verona	Italy			
			—	6 L.P. Stations	Italy			
			30	Bialystok	Poland			
			50	Lodz	Poland			
			30	Lublin	Poland			
			10	Oporto	Portugal			
			0.2	Cordoba EAJ24	Spain			
			—	Denia EAJ45	Spain			
			0.3	Maresma de Mataro EFE27	Spain			
			2	Reus EAJ11	Spain			
			—	4 L.P. Stations	Switzerland			
			95	1,376	218	150	Lille	France
						—	Pontagrada	Spain
—	1,378	218	0.8	Santander EFE25	Spain			
			5	Vinnitsa, Ukraine	U.S.S.R.			
—	1,383	216.9	2	Antequera EAJ26	Spain			
—	1,384	216.7	0.2	Orihuela	Spain			
96	1,385	216.6	2	Granada EFE45	Spain			
			50	Athens	Greece			
—	1,390	215.8	—	Coin-Malaga	Spain			
			150	Kaunas, Lithuania	U.S.S.R.			
			5	Badajoz EFE38	Spain			
			—	Damascus	Syria			
—	1,391	215.3	1	Almeria EAJ60	Spain			
			2	Vigo EAJ48	Spain			
97	1,394	215.2	25	Graz	Austria			
			—	4 L.P. Stations	Austria			
			0.15	Angro do Heroismo	Azores			
			0.25	Bitburg (A.F.N.)	Germany (West)			
			†	Rhodes Island	Greece			
			7.5	Tripoli (B.F.N.)	Libya			
			—	Sync. Network	Sweden			
—	1,396	215.1	5	San Sebastian	Spain			
—	1,400	214.8	0.1	Iqualada EFJ4	Spain			
98	1,403	213.8	20	Brest	France			
			20	Clermont	France			
			10	Montpellier	France			
			20	Nice	France			
			20	Pau	France			
			20	Rouen	France			
			5	Komotini	Greece			
			2	Castellon EAJ14	Spain			
			2	Vigo EAJ48	Spain			
			20	Tartu, Estonia	U.S.S.R.			
			—	1,408	212.9	—	Melilla EAJ21	Spain
			—	1,409	212.8	3	Lugo EAJ68	Spain
			—	1,410	212.6	—	Ceuta EAJ46	Spain
99	1,412	212.4	2	Helsinki	Finland			
			0.4	Turku	Finland			
			3	Bad Mergentheim (S.D.R.)	Germany (West)			

Chan.	kc/s	Metres	kW	Station and Country	
(99)	(1,412)	(212.4)	—	3 L.P. Stations	Iceland
			2	Gandia EAJ23	Spain
			20	Gospic	Yugoslavia
			5	Maribor	Yugoslavia
			2	Osijek	Yugoslavia
			100	Pristina	Yugoslavia
—	1,415	212	2	Jaen EAJ61	Spain
			2	Jerez de la Frontera EAJ58	Spain
—	1,417	211.7	2	Zamora	Spain
100	1,421	211.1	40	Algiers	Algeria
			—	Tlemcen	Algeria
			7.5	Zyvi (B.B.C.)	Cyprus
			1	Tampere	Finland
			400	Saarbrücken	Germany (W.)
			2	Alcira EAJ54	Spain
			0.05	Sfax	Tunisia
			—	Riga, Latvia	U.S.S.R.
—	1,423	210.8	—	Malaga	Spain
—	1,425	210.5	1	Malta (B.F.N.)	Malta
—	1,429	209.9	2	Baia Mare	Rumania
101	1,430	209.8	†	Girocastro	Albania
			10	Herstedvester	Denmark
			70	Skive	Denmark
			—	Berlin-Uhlenhorst	Germany (E.)
			4	Kherastrau	Rumania
			—	Sabadell EAJ20	Spain
—	1,433	209.1	2.5	Pyrgos	Greece
			—	Orol	Spain
			0.8	Sagunto EFE13	Spain
			0.5	Sueca EFE42	Spain
—	1,438	208.6	7.5	Nicosia (B.F.N.)	Cyprus
102	1,439	208.5	350	Luxembourg	Luxembourg
			5	Mallorca EAJ13	Spain
—	1,446	207.4	2	Gerona EAJ38	Spain
103	1,448	207.2	5	Ancona	Italy
			5	Catania	Italy
			5	Florence	Italy
			12.5	Palermo	Italy
			10	Salento	Italy
			5	Sassari	Italy
			20	Turin	Italy
			2	Verona	Italy
			—	29 L.P. Stations	Italy
			1	Coimbra	Portugal
			2	Granada EAJ16	Spain
			—	Sync. Network	Sweden
—	1,451	206.7	2	Alicante EAJ31	Spain
—	1,453	206.5	2	Vitoria EAJ62	Spain
104	1,457	205.9	—	3 L.P. Stations	Austria
			0.05	Caramulo	Portugal
			20	Craiova	Rumania
			10	Bartley, Hants. (H)	U.K.
			2	Bexhill, Sussex (H)	U.K.
			2	Brighton, Sussex (H)	U.K.
			20	Clevedon, Somerset (H)	U.K.

Chan.	kc/s	Metres	kW	Station and Country	
(104)	(1,457)	(205.9)	1	Folkestone, Kent (H)	U.K.
—	—	—	2	Redruth, Cornwall (H)	U.K.
—	1,460	205.7	—	Qnda	Spain
105	1,466	204.6	400	Monte Carlo	Monaco
—	—	—	—	Sync. Network	Norway
106	1,475	203.4	150	Vienna	Austria
—	—	—	1	Funchal	Madeira
—	—	—	2	Huesca EAJ22	Spain
—	—	—	2	Valladolid EAJ47	Spain
—	1,477	203	2	Las Palmas	Canary Is.
—	1,480	202.8	0.3	Manises EFES9	Spain
—	1,481	202.2	2	Logrono	Spain
107	1,484	202.2	—	International Common Frequency	—
—	1,490	201.3	2	Manresa EAJ51	Spain
108	1,493	200.9	—	8 L.P. Stations	Austria
—	—	—	—	Sync. Network	France
—	—	—	5	Rhodes Island	Greece
—	—	—	2	Albacete EAJ41	Spain
—	1,494	200.8	2	Gijon EAJ34	Spain
—	1,496	200.6	0.02	Guarda	Portugal
—	—	—	2	Zagreb	Yugoslavia
—	1,500	200	0.05	Lages (A.F.N.)	Azores
—	—	—	0.5	Onteniente EAJ30	Spain
Radio Caroline 199	—	—	2	Tarrasa EAJ25	Spain
109	1,502	199.7	0.8	Münster (W.D.R.)	Germany (W.)
—	—	—	—	5 L.P. Stations (A.F.N.)	Germany (W.)
—	—	—	300	Warsaw	Poland
—	—	—	30	Rzeszow	Poland
—	—	—	2	Salamanca EAJ56	Spain
—	—	—	2	Segovia EAJ64	Spain
—	1,506	199.3	2	Leon EAJ63	Spain
—	1,509	199	0.4	Burrana	Spain
—	1,510	198.9	—	3 L.P. Stations	Iceland
110	1,511	198.5	20	Brussels	Belgium
—	—	—	5	Khania, Crete	Greece
—	—	—	0.5	Patras	Greece
—	—	—	0.2	Lerida EAJ42	Spain
—	—	—	2	Murcia EAJ17	Spain
111	1,520	197.4	5	Ceske-Budejovice	Czechoslovakia
—	—	—	2	Liberec	Czechoslovakia
—	—	—	30	Ostrava	Czechoslovakia
—	—	—	20	Prague	Czechoslovakia
—	—	—	3	Usti-Laben	Czechoslovakia
—	—	—	15	Vary	Czechoslovakia
—	—	—	0.02	Reydarfjördur	Iceland
112	1,529	196.2	—	Funchal	Madeira
—	—	—	0.07	Porjus	Sweden
—	—	—	120	Vatican City	Vatican State
—	1,533	195.5	0.2	Elche EAJ53	Spain
113	1,538	195.1	300	Mainflingen (D.F.)	Germany (W.)
—	—	—	2	Huelva	Spain
—	1,545	194.2	5	Seelow	Germany (E.)
—	—	—	0.02	Stödvarfjördur	Iceland
114	1,546	194.1	—	4 L.P. Stations	Austria

Chan.	kc/s	Metres	kW	Station and Country	
(114)	(1,546)	(194.1)	—	13 L.P. Stations (T)	U.K.
			5	Kiev, Ukraine	U.S.S.R.
			5	Vinnitza, Ukraine	U.S.S.R.
115	1,554	193.1	50	Nice	France
			†	U.S. Forces	Germany (West)
			20	Baranovitchi, Byelorussia	U.S.S.R.
—	1,558	192.2	0.8	<i>Amaliada</i>	Greece
116	1,562	192.1	0.01	<i>Zweibrücken (Canadian Forces)</i>	Germany (W.)
			1	<i>Covilha</i>	Portugal
			—	Sync. Network	Sweden
			†	Sync. Network	Switzerland
117	1,570	191.1	5	<i>Michelet</i>	Algeria
			1	<i>Santa Maria Aero</i>	Azores
			20	Bernburg	Germany (East)
			10	<i>Flensburg (N.D.R.)</i>	Germany (W.)
			0.25	<i>Iraklion (A.F.N.)</i>	Greece
			0.05	Tarragona EFE33	Spain
			†	Sfax	Tunisia
		190.5	2	<i>Olsztyn</i>	Poland
118	1,578	190.1	—	Sync. Network	Italy
			10	Fredrikstad	Norway
			2	Nordkapp	Norway
			10	<i>Oporto</i>	Portugal
119	1,586	189.1	5	Bonn (W.D.R.)	Germany (W.)
			40	Hanover (N.D.R.)	Germany (W.)
			5	Kiel (N.D.R.)	Germany (W.)
			3	Kleve (W.D.R.)	Germany (W.)
			40	Oldenburgh (N.D.R.)	Germany (W.)
			5	Osnabrück (N.D.R.)	Germany (W.)
			†	Sync. Network	Spain
—	1,596	188	—	<i>Ostrava</i>	Czechoslovakia
120	1,594	188.2	—	International Common Frequency	
121	1,602	187.3	20	Kirchheim-Schwaben (B.R.)	Germany (West)
			20	Landau (B.R.)	Germany (West)
			20/40	Nüremberg (B.R.)	Germany (West)
			—	3 L.P. Stations (B.R.)	Germany (West)
			†	Sync. Network	Norway
			†	Sync. Network	Portugal
—	1,611	186.2	1	<i>Tortosa EFE28</i>	Spain
—	1,627	184.3	0.04	<i>Moro do Ebro</i>	Spain

## Geographical List of Long- and Medium- wave European Stations

	kc/s		kc/s
<b>ALBANIA</b>			
Gjinocaster	1,272	Graz	1,394
Korce	1,216	Graz-Dobl	1,025
	1,349	Greifenburg	566
Kukes	1,355	Gyor	1,340
Tirana	1,088	Haslach	1,313
		Hermagor	773
<b>ALGERIA</b>		Hof-Gastein	1,124
Algiers	890	Imst	1,124
	980	Judenburg	1,124
	1,421	Kindberg	1,313
Bône	1,484	Kitzbühel	1,025
Bougie	1,594		1,493
Colomb-Béchar	548	Klagenfurt	584
Constantine	1,142		728
	1,304	Knittelfeld	1,313
Laghouat	575	Kötschach	1,124
Michelet	1,570	Krems	1,052
Oran	1,142	Kufstein	1,124
	1,304	Landeck	1,142
Tlemcen	863		1,493
	1,421	Lauterach	629
Touggourt	557		1,025
		Lend	773
<b>ANDORRA</b>		Leoben	1,546
Andorra	818	Lienz	520
	998		629
<b>AUSTRIA</b>		Liezen	1,313
Abtenau	1,546	Linz	890
Admont	1,394	Linz-Kronstorf	1,025
Aigen	674	Maria Pfarr	566
Aldrans	520		1,025
	629	Mariazell	773
Amstetten	1,457	Matrei	674
Bad-Aussee	1,142	Mayrhofen	584
	1,546		1,124
Bad-Ischl	566	Mittersill	1,493
Bad St. Leonhard	773	Mühlbach	566
Bischofshofen	674	Murau	520
Bleiburg	674		1,313
Bludenz	520	Mürzzuschlag	1,124
	1,394	Neumarkt	674
Braunau-Inn	1,594	Neukirchen	1,052
Bruck a.d. Mur	1,124	Oberdrauburg	773
Ehrwald	962	Obervellach	1,124
	1,313	Oetz	1,313
Eisenerz	1,124	Radentheim	674
Eisenkappel	566	Radstadt	566
Feistritz-Drau	566	Reutte	1,142
Feldkirchen	1,594		1,493
Friesach	1,313	Ried-Innkreis	674
Gloggnitz	674	Rottenmann	1,142
Gmünd-Karten	1,124	Saalfelden	1,142

	kc/s		kc/s
<b>Austria—cont.</b>			
Saalfelden	1,493	Nicosia (B.F.N.)	1,438
St. Michael-im-Lunggau	773	Paphos	915
St. Pölten	1,484	Zyyi (B.B.C.)	1,421
Salzburg	584		
	773	<b>CZECHOSLOVAKIA</b>	
Schruns	1,457	Banska Bystrica	701
Schwarzach	1,493	Bratislava	701
Sillian	1,546		1,097
Spittal-Drau	1,394	Brno	953
Szolnok	1,344	Ceske-Budejovice	953
Tamsweg	1,124	Gottwaldov	1,484
Vienna	584	Hradec-Karlove	1,232
	1,475	Jihlava	1,484
Villach	1,124	Karlovy-Vary	1,520
Völkermarkt	1,313	Komarov	1,484
Wiener Neustadt	1,457	Kosice	701
Windischgarsten	1,493		1,232
Wolfsberg	1,313	Liberec	1,520
Wörgl	1,493	Olomouc	1,594
Zell-am-See	1,394	Orava	1,232
Zwettl	1,594	Ostrava	1,484
			1,520
<b>AZORES</b>			1,596
Angra do Heroismo	1,394	Plzen	953
Lages	647	Prague	638
	1,500		1,286
Santa Maria Aero	1,570		1,520
		Tatry	1,484
<b>BELGIUM</b>		Uherske Hradiste	272
Brussels	620	Usti-Laben	701
	926		1,484
	1,124	<b>DENMARK</b>	
	1,511	Aalborg	1,484
Kortrijk	1,484	Esbjerg	1,594
Liege	1,484	Herstedvester	1,430
			1,484
<b>BULGARIA</b>		Kalundborg	245
Plovdiv	746		1,061
Sofia	566	Skive	1,430
	593	Tonder	1,484
	827		
	1,484	<b>EGYPT</b>	
Stara Zagora	1,223	Abu Zaabal	557
Varna	1,124		710
			773
<b>CANARY ISLANDS</b>			800
Las Palmas	1,313	Alexandria	1,277
	1,477	Aswan	1,178
		Batra	620
<b>CYPRUS</b>			818
Limassol (B.B.C.)	638	Giza	926
	719		
Limassol	900	<b>EIRE</b>	
	1,484	Athlone	566
Nicosia	606	Cork	1,250
	692	Dublin	1,250

FAROE ISLANDS	kc/s
Thorshavn	584
FINLAND	
Helsinki	557
	1,412
Joensuu	520
Kuopio	755
Lahti	254
Oulu	433
Pietarsaari	1,484
Pori	1,484
Tammisaari	1,484
Tampere	1,421
Turku	962
	1,412
Vaasa	1,241
Ylivieska	836
FRANCE	
Allouis	164
Amiens	1,484
Bay	1,594
Bayonne	539
Bordeaux	1,205
	1,349
Brest	1,241
	1,403
Caen	1,484
Clermont	1,403
Colmar	1,484
Dijon	1,484
Grenoble	1,349
	1,484
Lille	1,241
	1,376
	1,594
Limoges	791
	1,349
Lyons	602
	1,241
	1,594
Marseilles	674
	1,241
Metz	1,594
Montpellier	1,403
	1,484
Mulhouse	1,594
Nancy	836
	1,241
	1,484
Nantes	1,349
Nice	1,241
	1,403
	1,554
Nimes	1,594
Paris	584

Paris	863
	962
	1,070
Pau	1,403
Perpignan	1,484
Poitiers	1,484
Rennes	710
	1,241
Rouen	1,403
Strasbourg	1,160
	1,277
Toulon	1,594
Toulouse	944
	1,349
Sync. Network	1,493
GERMANY, EAST	
Berlin-Königswusterhausen	173
	263
	853
	881
Berlin-Köpenick	611
	1,133
	1,358
Berlin-Rehmate	185
Berlin-Uhlenhorst	1,430
Bernburg	1,570
Burg	782
	853
	904
	935
Chemnitz	602
Dresden	1,043
Erfurt	629
Greifswald	557
Hoyerswerda	746
Leipzig	575
	1,322
Plauen	1,079
Potsdam	656
Reichenbach	912
Schwerin	529
Seelow	1,545
Suhl	1,052
Wachenbrunn	692
Wöbbelin	728
GERMANY, WEST	
Aachen (W.D.R.)	701
Adelsheim (S.D.R.)	1,484
Ansbach (A.F.N.)	1,034
Augsburg (B.R.)	1,484
Bad Dürkheim (S.W.F.)	665
Bad Kissingen (A.F.N.)	1,034
Bad Mergentheim (S.D.R.)	1,412
Baden Baden (S.W.F.)	827

Germany, West—cont.	kc/s	Kirchheim-Schwaben(B.R.)	kc/s
Bamberg (A.F.N.)	1,304		
Bayreuth (B.R.)	520		1,602
Berchtesgaden (A.F.N.)	1,304	Kleve (W.D.R.)	1,586
Berlin (S.F.B.)	566	Koblenz (S.W.F.)	827
(R.I.A.S.)	683	Königsutter (D.F.)	548
(R.I.A.S.)	854	Külsheim (S.D.R.)	1,484
(A.F.N.)	935	Landau (B.R.)	1,602
(R.I.A.S.)	989	Landshut (B.R.)	1,484
(B.B.C.)	1,295	Langenberg (N.D.R.)	971
(S.F.B.)	1,484	Lingen (N.D.R.)	701
Bitburg (A.F.N.)	1,394	Mainflingen (D.F.)	151
Bonn (W.D.R.)	1,586		1,538
Bopfingen (S.D.R.)	1,484	Mosbach (S.D.R.)	1,484
Bremen (R.B.)	1,358	Munich (B.R.)	800
Bremerhaven (R.B.)	1,079	(A.F.N.)	1,106
(A.F.N.)	1,142	(V.o.A.)	1,196
Brunswick (N.D.R.)	520	Münster (W.D.R.)	1,502
Buchen (S.D.R.)	998	Neresheim (S.D.R.)	1,484
Coburg (B.R.)	1,602	Norden (N.D.R.)	701
Crailsheim (S.D.R.)	1,484	Nürnberg (A.F.N.)	611
Eberbach/Neckar (S.D.R.)	1,484	(B.R.)	1,602
Ellwangen (S.D.R.)	1,484	Oldenburg (N.D.R.)	1,586
Flensburg (N.D.R.)	1,570	Osnabrück (N.D.R.)	1,586
Frankfurt (H.R.)	593	Passau (B.R.)	520
(A.F.N.)	872	Ravensburg (S.W.F.)	665
Freiburg (S.W.F.)	827	(D.F.)	755
Fulda (A.F.N.)	1,304	Regensburg (A.F.N.)	1,304
Füssen (A.F.N.)	1,142	(B.R.)	1,602
Garmisch (A.F.N.)	1,502	Reutlingen (S.W.F.)	665
Gerabronn (S.D.R.)	1,484	Saarbrücken	1,421
Giengen (S.D.R.)	1,484	Saarlouis	180
Giessen (A.F.N.)	1,502	Schwäbisch (S.D.R.)	1,484
Göppingen (A.F.N.)	1,142	Schweinfurt (A.F.N.)	1,142
Göttingen (N.D.R.)	971	Siegen (W.D.R.)	701
Grafenwöhr (A.F.N.)	611	Sigmaringen (S.W.F.)	827
Hamburg (N.D.R.)	701	Straubing (A.F.N.)	1,502
	971	Stuttgart (S.D.R.)	575
Hanover (N.D.R.)	1,586	(A.F.N.)	1,142
Heidelberg (S.D.R.)	998	Trier (S.W.F.)	827
(A.F.N.)	1,304	Ulm (A.F.N.)	1,142
Heidenheim (S.D.R.)	1,484	(S.D.R.)	1,169
Heilbronn (S.D.R.)	1,169	Wertheim (A.F.N.)	1,304
Herford (N.D.R.)	701	Wertheim/Main (S.D.R.)	1,484
Hersfeld (A.F.N.)	1,142	Wildflecken (A.F.N.)	1,502
Hof (R.I.A.S.)	683	Wolfsheim (S.W.F.)	1,016
(R.I.A.S.)	737	Würzburg (B.R.)	520
(B.R.)	1,602	(A.F.N.)	1,142
Hoher Meissner (H.R.)	593	Zweibrücken	1,562
Holzkirchen (R.F.E.)	719		
Kaiserslautern (A.F.N.)	611	<b>GIBRALTAR</b>	
(S.W.F.)	827	Fort Wellington	1,484
Kassel (A.F.N.)	1,502		
Kempten (B.R.)	520	<b>GREECE</b>	
Kiel (N.D.R.)	1,586	Amaliada	1,558
Kirchberg (S.D.R.)	1,484	Athens	665



Greece—cont.	kc/s		kc/s
Athens	728	Tel Aviv	584
	1,313		656
	1,385		737
	1,594		1,025
Iraklion (A.F.N.)	1,570		1,277
Kerkyra, Corfu	1,007		1,336
Khania, Crete	1,511		
Komotini	1,403	ITALY	
Patras	1,511	Agrigento	1,448
Pyrgos	1,433	Alessandria	1,448
Rhodes Island	1,493	Ancona	1,448
Salonika (V.o.A.)	791	Aosta	1,115
Salonika	1,043	Aquila	1,484
	1,169	Arezzo	1,484
Volos	1,484	Ascoli	1,448
		Avellino	1,484
HUNGARY		Bari	1,115
Balatonzabadi	1,250		1,331
	1,594		1,367
Budapest	539	Belluno	1,448
Gyor	1,349	Benevento	1,448
Magyarovar	1,594	Biella	1,448
Miscolc	1,594	Bologna	1,115
Nyiregyhaza	1,340		1,331
Pecs	1,340		1,367
Szolznok	1,187	Bolzano	656
	1,349		1,484
Szombathely	1,340		1,594
		Bressanone	1,448
ICELAND			1,594
Akureyri	737	Brindisi	1,484
Alftafjörður	1,510	Brunico	1,448
Breiddalsvík	1,412		1,594
Djupivogur	1,484	Cagliari	1,061
Eidar	665		1,448
Eskifjörður	1,510		1,594
Faskrudsfjörður	1,484	Caltanissetta	566
Hoefn	611		1,448
Keflavík (A.F.N.)	1,484	Campobasso	1,448
Lön	1,412	Catania	1,331
Neskaupstaður	1,412		1,367
Raufarhöfn	1,484		1,448
Reydarfjörður	1,520	Catanzaro	1,448
Reykjavík	209	Como	1,448
Thorshöfn	1,510	Cortina	1,448
		Cosenza	1,484
IRAQ		Cunco	1,448
Hurriyah	764	Florence	656
Thourah	908		1,367
			1,448
ISRAEL		Foggia	1,448
Eilat	1,358	Genoa	1,034
Haifa	1,110		1,331
	1,205	Gorizia	1,367
Jerusalem	710		1,484
Safad	845	La Spezia	1,448

Italy—cont.	kc/s		kc/s
Livorno	1,061	Verona	1,448
	1,594	Sync. Networks	1,367
Matera	1,448		1,578
Merano	1,448		
	1,594	JORDAN	
Messina	1,115	Amman	800
	1,367	Jerusalem	677
Milan	899		
	1,034	LEBANON	
	1,367	Beirut	836
Naples	656		
	1,034	LIBYA	
	1,367	Benghazi (B.F.N.)	843
Nuoro	1,484		1,484
Palermo	1,331	El Beida	674
	1,367	Tripoli (A.F.N.)	990
	1,448	Tripoli	1,052
Perugia	1,448	Tripoli (B.F.N.)	1,394
Pescara	1,034		1,484
	1,331		
Pisa	1,115	LUXEMBOURG	
	1,367	Luxembourg	233
Potenza	1,448		1,439
Rome	845		
	1,331	MADEIRA	
	1,367	Funchal	1,475
Salento	566		1,594
	1,448		
Salerno	1,448	MALTA	
San Remo	1,034	Dalimara Point	1,178
Sassari	1,367	Malta (B.F.N.)	1,425
	1,448		
Savona	1,484	MONACO	
Siena	1,448	Monte Carlo	1,466
Sondrio	1,448		
Taranto	1,448	MOROCCO	
Teramo	1,448	Agadir	935
Terni	1,484		1,025
Trento	1,331		1,196
	1,367		1,295
	1,448	Ben Guerir (A.F.N.)	1,594
	1,594	Casablanca	818
Trieste	818		1,187
	980	Marrakech	1,205
	1,115	Nouaceur (A.F.N.)	1,594
	1,594	Oujda	593
Turin	656		1,043
	1,367	Port Lyautey (A.F.N.)	1,484
	1,448	Rabat	857
Udine	1,331		917
	1,448		1,043
Venice	656		1,115
	1,034		1,151
	1,367		1,286
Vicenza	1,484	Rabat (A.F.N.)	1,594
Verona	1,367		

	kc/s		kc/s
<b>Morocco—cont.</b>			
Sebaa-Aioun	611	Opole	1,484
	701		1,594
	935	Poznan	737
Safi	1,025	Rzeszow	1,502
	1,322	Slupsk	1,484
Sidi Slimane (A.F.N.)	1,594	Stettin	1,304
Tangier	1,016		1,484
	1,232	Torun	737
Tetuan	827		1,304
	917	Warsaw	227
	1,057		818
			1,502
<b>NETHERLANDS</b>		Wroclaw	1,259
Bloemendaal	1,223	Zakopane	1,484
Hengelo	1,594	Zielona Gora	1,259
Hilversum	746		1,484
	1,007		
Hoogezeand	1,594	<b>PORTUGAL</b>	
Hulsberg	1,594	Caramulo	1,457
		Coimbra	1,448
<b>NORWAY</b>		Covilha	1,562
Bergen	890	Elvas	1,358
Bodö	674	Faro	557
Brännöysund	1,484	Funchal	1,484
Finnmark	701	Guarda	557
Fredrikstad	1,578		1,496
Glomfjord	1,484	Lisbon	665
Karasjok	1,484		755
Kristiansand	890		1,286
Mosjöen	1,484		1,594
Nordkapp	1,578	Oporto	1,169
Oslo	218		1,367
Rjukan	1,484		1,578
Röros	520	Oporto-Miramar	782
Stavanger	1,313	Parede	1,034
Tromsö	155	Portalegre	1,484
Trøndelag	890	Regua	800
Vigra	629	San Salvador	719
Sync. Networks	1,115		1,061
	1,466	Santarem	1,322
		Viseu	1,358
<b>POLAND</b>		<b>RUMANIA</b>	
Bialystok	1,367	Bacau	1,052
Cracow	1,205	Baia Mare	1,429
Gdansk	1,304	Brasov	155
Gizysko	1,484		1,484
Katowice	1,079	Bucharest	854
Kielce	1,484	Cluj	1,151
Koszalin	1,484	Constanza	1,313
	1,594	Craiova	1,457
Lodz	1,367	Iasi	1,052
	1,484	Kherastrau	1,430
Lublin	1,205	Miercurea	908
	1,367	Or Stain	1,484
	1,594	Sibiu	1,484
Olsztyn	1,575		

Rumania—cont.	kc/s		kc/s
Timisoara	557	Galicia	1,106
	602	Gandia	1,412
	755	Gerona	1,446
SPAIN		Gijon	1,494
Albacete	1,097	Granada	1,384
	1,187		1,448
	1,493	Guadalavara	1,294
Albarracin	1,354	Huelva	836
Alcira	1,156		1,538
	1,421	Huesca	1,475
Algemesi	1,298	Iqualada	1,400
Alicante	1,358	Jaca	1,277
	1,451	Jaen	1,279
Almeria	1,186		1,415
	1,391	Jativa	1,332
Antequera	1,378	Jerez de la Fontera	1,415
Aranjuez	1,160	La Coruna	728
Astorga	1,097		1,187
Avila	894		1,313
	1,310	La Linea	1,263
Badajoz	1,390	Leon	1,052
	1,484		1,259
Badalona	1,313		1,506
Barcelona	737	Lerida	1,096
	827		1,511
	1,052	Linares	1,268
	1,079	Logrono	1,255
	1,214		1,481
	1,250	Lugo	1,409
Baza	1,294	Madrid	584
Bilbao	1,133		809
	1,250		854
	1,304		917
	1,051		953
Blanes	1,097		1,106
Burgos	1,192		1,133
Burjasot	1,509		1,223
Burriana	1,029	Majadahonda	989
Caceres	1,186	Malaga	1,007
Cadiz	1,322		1,106
	1,310		1,423
Calatayud	1,181	Mallorca	1,439
Carlet	1,187	Manises	1,480
Cartagena	1,403	Manresa	1,490
Castellon de la Plana	1,410	Maresma de Mataro	1,367
Ceuta	1,277	Melilla	1,408
Ciudad Real	1,384	Merida	1,299
Coin Malaga	1,367	Morana de Fontera	1,218
Cordoba	1,293	Moro de Ebro	1,627
Crevillente	1,181	Murcia	1,115
Cuenca	1,331		1,304
Denia	1,367		1,511
	1,533	Olot	1,265
Elche	1,276	Onda	1,460
Elda	1,365	Onteniente	1,500
Ferrol		Orihuela	1,383

Spain—cont.	kc/s		kc/s
Orol	1,433	Zamora	1,277
Oviedo	1,079		1,417
	1,268	Zaragoza	872
Palamos	1,301		1,106
Palencia	1,363		1,174
Palma Mallorca	1,340		
Pamplona	1,079	<b>SWEDEN</b>	
	1,322	Boden	1,594
Picasent	1,120	Falun	1,223
Plasencia	1,190	Göteborg	980
Pontagrada	1,376	Hörby	1,178
Puigcerda	1,046	Jönköping	1,594
Reus	1,367	Kristinehamn	1,594
Sabadell	1,349	Lulea	182
	1,430	Malmberget	773
Sagunto	1,433	Motala	191
Salamanca	1,142	Ostersund	719
	1,502	Porjus	1,529
San Feliu de Llobregat	1,187	Säffle	1,594
San Sebastian	638	Stockholm	773
	1,025	Sundsvall	593
	1,277	Trollhättan	1,594
	1,396	Umeå	1,594
Santander	1,292	Sync. Networks	1,394
	1,367		1,448
Santa Lucia	1,263		1,562
Segovia	1,502	<b>SWITZERLAND</b>	
Segura	1,335	Basle	1,367
Seville	645	Beromünster	529
	800	Chur	1,367
	1,335	Monte Ceneri	557
Soria	1,187	Savièse	1,367
Sueca	1,433	Sool	1,367
Talavera del Reina	1,317	Sottens	764
Tarragona	1,570	<b>SYRIA</b>	
Tarrasa	1,502	Aleppo	746
Teruel	1,338	Damascus	602
	1,356		665
Toledo	1,160		784
Torre la Vega	1,250		1,390
Tortosa	1,344	<b>TUNISIA</b>	
	1,611	Dayr-Az-Zur	954
Valencia	773	Homs	602
	1,079	Sfax	584
	1,259		602
Valladolid	1,269		1,421
	1,475	Tartus	584
Vigo	1,079		863
	1,391	Tunis	962
Villacarrillo	1,178	<b>TURKEY</b>	
Villafranca	1,110	Adana (A.F.N.)	850
	1,187	Adana	1,133
Villanueva	1,086		
Villena	1,240		
Viscaya	1,250		
Vitoria	1,453		

	kc/s		kc/s
<b>Turkey—cont.</b>			
Ankara	182	Redmoss, Aberdeen. (T)	647
	1,061	(H)	809
Gaziantep	1,242	(L)	1,214
Istanbul	701	Redruth, Cornwall (L)	1,214
Kars	1,165	(H)	1,457
		(T)	1,546
<b>UNITED KINGDOM</b>		Scarborough Yorks. (H)	1,151
Barnstaple, Devon (H)	1,052	Stagshaw, North'd (H)	1,151
Barrow, Lancs. (H)	1,484	Start Point, Devon (H)	1,052
Bartley, Hants. (H)	1,457	Stockton, Durham (T)	1,546
Belfast, N. Ireland (T)	1,546	Swansea, Glam. (T)	1,546
Bexhill, Sussex (H)	1,457	Towyn, Merioneth. (H)	881
Bournemouth, Hants. (T)	1,546	Washford, Somerset (H)	881
Brighton, Sussex (H)	1,457	Westerglen, Stirling. (H)	809
(T)	1,546	(L)	1,214
Brookmans Park, London		Whitehaven, Cumb. (H)	692
(H)	908	Wrexham, Denbigh. (H)	881
(L)	1,214		
Burghead, Moray (H)	809	<b>U.S.S.R.</b>	
(L)	1,214	Baranovitchi, Byelorussia	1,554
Cardiff, Glamorgan (T)	1,484	Chernovtsy, Ukraine	674
Clevedon, Somerset (H)	1,457	Dniepropetrovsk, Ukraine	1,070
Cromer, Norfolk (H)	692	Donetsk, Ukraine	710
Crowborough, Sussex (E)	647	Kaliningrad, Russia	1,142
	1,295	Kaunas, Lithuania	665
Daventry, Northants. (T)	647		1,385
Droitwich, Worcs. (L)	200	Kharkov, Ukraine	385
(H)	1,088		836
Dumfries (H)	809	Kiev, Ukraine	209
Dundee, Angus (T)	1,546		782
Edinburgh, Midlothian (T)	647		971
Exeter, Devon (T)	1,546		1,169
Fareham, Hants. (T)	1,546		1,241
Folkestone, Kent (H)	1,457		1,546
Glasgow (T)	647	Kishinev, Moldavia	998
Leeds, Yorks. (T)	1,546	Krasnodar, Karelia	611
Lisnagarvey, N. Ireland (H)		Kuldiga, Latvia	1,349
	1,340	Kursk, Russia	1,214
(L)	1,214	Leningrad, Russia	236
Liverpool, Lancs. (T)	1,546		800
Londonderry, N. Ireland (H)			1,124
	1,340	Lwow, Ukraine	935
(L)	1,214		1,241
Moorside Edge, Yorks. (H)	692	Minsk, Byelorussia	281
(L)	1,214		400
Newcastle, North'd (T)	647	Modona, Latvia	1,349
(L)	1,214	Moscow, Russia	151
Norwich, Norfolk (H)	1,088		173
Penmon, Anglesey (H)	881		200
Plymouth, Devon (L)	1,214		263
(T)	1,546		385
Preston, Lancs. (T)	1,546		548
Ramsgate, Kent (H)	1,484		872
			1,115
			1,277
		Murmansk, Russia	656

U.S.S.R.—cont.	kc/s	YUGOSLAVIA	kc/s
Odessa, Ukraine	548	Belgrade	683
	764		1,484
Orel, Russia	385	Bitolja	1,484
Ouchgorod, Ukraine	890	Brcko	1,484
	1,322	Celje	1,484
Petrozavodsk, Karelia	611	Dubrovnik	1,484
Riga, Latvia	575	Gospic	1,412
	1,421	Gostivar	1,484
	1,484	Koper	1,169
Rostov-on-Don, Russia	944	Krapina-Zabok	1,594
Saransk, Moldavia	1,061	Ljubljana	917
Simferopol, Russia	647		1,484
Tallinn, Estonia	1,034	Maribor	1,412
	1,214	Murska Sobana	1,484
	1,331	Nis	927
Tartu, Estonia	1,214	Novi Sad	1,268
	1,403	Osijek	1,412
Tiraspol, Moldavia	1,241	Pristina	1,412
Valmiera, Latvia	1,349	Ptuj	1,484
Vilna, Lithuania	1,106	Rijeka	1,133
Vinnitsa, Ukraine	836	Sarajevo	611
	1,169	Skopje	809
	1,546		1,484
Voronezh, Russia	773	Split	1,133
			1,484
VATICAN STATE		Titograd	881
Vatican City	782	Tuzla	1,484
	1,529	Zagreb	1,133
			1,496

## Abbreviations

A.F.N.	American Forces Network
B.F.N.	British Forces Network
B.R.	Bayerischer Rundfunk
D.F.	Deutschlandfunk
H.R.	Hessischer Rundfunk
N.D.R.	Norddeutscher Rundfunk
R.B.	Radio Bremen
R.F.E.	Radio Free Europe
R.I.A.S.	Radio im Amerikanischen Sektor
R.L.	Radio Liberty operated by U.S. Committee for Liberation
S.D.R.	Suddeutscher Rundfunk
S.F.B.	Sender Free Berlin
S.W.F.	Sudwestfunk
V.o.A.	Voice of America
W.D.R.	Westdeutscher Rundfunk

E, H, L or T denote, respectively, B.B.C. transmitter used for European Service, Home Service, Light Programme or Network Three.

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## Short-wave Broadcasting Bands

By international agreement, reached in Geneva in 1959, broadcasting on the short waves is limited to certain bands; these are listed below. It will be seen, however, from the following list that many stations operate outside these bands. Some bands are shared with other services and the use of others (marked T) is limited to the Tropical Zone (see map on pages 64 and 65).

2·300 — 2·498	Mc/s (T)	} Shared with fixed and mobile services.
3·200 — 3·400	(T)	
3·950 — 4·000		Shared with fixed service.
4·750 — 4·995	(T)	Shared with fixed and mobile services.
5·005 — 5·060	(T)	Shared with fixed services.
5·950 — 6·200		
7·100 — 7·300		In Region 2 this band is allocated exclusively to amateurs.
9·500 — 9·775		
11·700 — 11·975		
15·100 — 15·450		
17·700 — 17·900		
21·450 — 21·750		
25·600 — 26·100		



## Short-wave Stations of the World

In the following list, which is compiled from information obtained from broadcasting authorities and the Tatsfield receiving station of the B.B.C., we give not only the frequencies in use when the material was prepared, but also those used, or notified for use, at other "seasons". To reduce the length of the list we have included only transmitters known to have a power of not less than 1kW.

At many stations there are a number of transmitters of varying power each of which can be employed on any of the frequencies used. We have therefore given in the appropriate column both the minimum and maximum power of the station's transmitters.

Initials have been inserted after the name of the town in some instances because the station is operated by an "extra-territorial" organization; the abbreviations are defined on page 30.

A geographical list of short-wave stations will be found on page 102.

Mc/s	Metres	kW	Call	Station and Country
2.306	130.20	20	—	Paradys South Africa
2.326	129.00	20	—	Paradys South Africa
2.346	127.90	20	—	Paradys South Africa
2.350	127.70	1	YDJ3	Djakakarta, Java Indonesia
		1	YDW	Pontianak, Borneo Indonesia
2.360	127.10	1	YVQG	Carupano Venezuela
2.372	126.40	1	YDI3	Surabaya, Java Indonesia
2.376	126.30	20	—	Paradys South Africa
2.430	123.50	1	YDK2	Palembang, Java Indonesia
2.440	123.00	1	YDG2	Surakarta, Java Indonesia
		1	YVLG	Maracay Venezuela
2.450	122.40	1	YDB	Djakarta, Java Indonesia
2.475	121.20	—	—	Hangchow China
2.490	120.48	1	YDH	Semarang, Java Indonesia
2.510	119.00	10	HLK50	Seoul Korea (South)
3.205	93.40	10	—	Lucknow India
		5	—	Ibadan Nigeria
3.213	93.39	1	HIRM	Santo Domingo Dominican Rep.
3.225	93.02	15/240	—	Peking China
3.226	92.90	2.5	—	Simla India
3.232	92.80	10	VRH8	Suva Fiji Islands
		5	—	Tananarive Madagascar
3.235	92.74	7.5	CR7AB	Lourenço Marques Mozambique
3.240	92.60	1	YDR	Ambon, Moluccas Indonesia
		50	—	Baghdad Iraq
		10	—	Peshawar Pakistan
		1	OBX4U	Lima Peru
3.241	92.57	1	YDM6	Sibolga, Sumatra Indonesia
3.245	92.40	0.25/10	VUC	Calcutta India
		1	YVKT	Caracas Venezuela
3.250	92.30	10	HJKH	Sutatenza Colombia
		10	YDO	Bandjermassin, Borneo Indonesia
		50	—	Baghdad Iraq
		5	CR7BM	Lourenço Marques Mozambique
		20	—	Paradys South Africa
		5	—	Dar-es-Salaam Tanganyika
3.255	92.17	10	VRH9	Suva Fiji Islands

Mc/s	Metres	kW	Call	Station	Country
(3-255)	(92-17)	10	ELBC	Monrovia	Liberia
		1	YVQL	El Tigre	Venezuela
3-265	91-88	1	ZYK21	Recife	Brazil
		4	ZYR92	Ribeirao Preto	Brazil
		2	ZFY	Georgetown	British Guiana
		50	—	Brazzaville	Congo
		4	—	Lome	Togoland
3-267	91-82	1	YVOC	San Cristobal	Venezuela
3-270	91-74	15/240	—	Peking	China
		1	—	Deli	Timor Is.
3-275	91-60	1	ZYR31	Baura	Brazil
		1	YVMC	Maracaibo	Venezuela
3-277	91-55	1	YDD	Djakarta, Java	Indonesia
		1	—	Srinagar	Kashmir
3-280	91-46	5	—	St. Georges, Grenada	Windward Is.
3-283	91-33	10	VRH8	Suva	Fiji Islands
3-285	91-32	1	ZYR89	Aparecida	Brazil
		1	H17T	Santo Domingo	Dominican Rep.
		1	YVLE	Puerto Cabello	Venezuela
3-286	91-30	3	YDG6	Madiun, Java	Indonesia
3-288	91-20	25	—	Bogota	Colombia
		4	—	Tananarive	Madagascar
3-290	91-19	20	—	Paradys	South Africa
3-295	91-05	20/100	VUD	Delhi	India
		1	YDY	Samarinda, Java	Indonesia
		16	HNV	Baghdad	Iraq
		2-5	—	Lusaka	Northern Rhodesia
		1	YVOG	Trujillo	Venezuela
3-300	90-91	5	—	Belize	British Honduras
3-305	90-77	0-25/10	VUC	Calcutta	India
		1	—	Benghazi (B.F.N.)	Libya
		1	DZDA	Manila, Luzon	Philippines
		10	—	Gwelo	Southern Rhodesia
		2	YVKX	Caracas	Venezuela
3-315	90-50	10	—	Bhopal	India
		8	—	Forte de France	Martinique
		1	YVLI	Maracay	Venezuela
3-316	90-52	5	—	Freetown	Sierra Leone
		20	—	Paradys	South Africa
3-320	90-36	1	—	Santo Domingo	Dominican Rep.
		2-5	—	Lusaka	Northern Rhodesia
3-325	90-23	1	ZYJ21	Campina Grande	Brazil
		10	—	Forest Side	Mauritius
		7-5	—	Kaduna	Nigeria
		1	YVRA	Maturin	Venezuela
3-330	90-09	1	OAXIM	Piura	Peru
3-334	89-98	1	YVMU	Carora	Venezuela
3-335	89-96	10	—	Cauhati	India
3-336	89-96	2	YVQD	Ciudad Bolivar	Venezuela
3-340	89-80	5/8	—	Kampala	Uganda
3-345	89-69	1	ZYN22	Salvador	Brazil
		1	H12S	Santo Domingo	Dominican Rep.
		2/50	DZB2	Bocaue, Luzon	Philippines
		7-5	YVOS	Caracas	Venezuela
3-346	89-66	20	—	Lusaka	Northern Rhodesia

Mc/s	Metres	kW	Call	Station and Country	
3.355	89.42	1	ZWE55	Lobatsi	Bechuanaland
		1	YVLC	Valencia	Venezuela
3.356	89.40	1	YDI	Surabaya, Java	Indonesia
		20	—	Paradys	South Africa
3.360	89.28	5	ZQI	Kingston	Jamaica
3.365	89.15	20/100	VUD	Delhi	India
3.366	89.12	5	ZOY	Accra	Ghana
3.375	89.00	1/50	BEH22	Taipei	Formosa
		10	—	Gauhati, Assam	India
		5	YDW2	Pontianak, Borneo	Indonesia
3.376	89.00	4	—	Conakry	Guinea Rep.
		20	—	Paradys	South Africa
3.380	88.80	5	—	Ibadan	Nigeria
		1.5	—	St. Denis	Reunion Island
3.385	88.63	1	ZYA41	Rio de Janeiro	Brazil
		1	YVQK	Barcelona	Venezuela
3.386	88.60	1	—	Tananarive	Madagascar
3.390	88.50	15/240	—	Peking	China
		3	OQ2AC	Elizabethville	Congo
		2	YVKX	Caracas	Venezuela
3.395	88.35	1	—	Colombo	Ceylon
		1	YDP2	Medan, Sumatra	Indonesia
		10	—	Kaduna	Nigeria
		1	APL	Lahore	Pakistan
		10	ZEAF	Salisbury	Southern Rhodesia
		1.5	YVOJ	Merida	Venezuela
		3.5	VPZ	Marhubi	Zanzibar
3.401	88.24	10	ZQP	Gwelo	Southern Rhodesia
3.405	88.11	7.5	—	Lourenço Marques	Mozambique
3.410	87.80	1	YVMK	Cabimas	Venezuela
3.730	80.43	20	—	Teheran	Iran
3.780	79.25	100	EQD	Teheran	Iran
3.800	78.95	15/240	—	Peking	China
3.844	78.08	1	HC4GB	Esmeraldas	Ecuador
3.900	76.90	20	—	Khabarovsk, Russia	U.S.S.R.
3.905	76.82	20/100	VUD	Delhi	India
3.912	76.67	100	—	Allouis	France
		10	HLK51	Seoul	Korea (South)
3.915	76.63	15/240	—	Peking	China
		2.5	ZQP	Lusaka	Northern Rhodesia
		50	APK	Karachi	Pakistan
3.925	76.43	20/100	VUD	Delhi	India
		5	JOZ	Tokio	Japan
3.935	76.24	5	YDH2	Semerang, Java	Indonesia
3.936	76.19	10	VRH7	Suva	Fiji Islands
3.937	76.14	15/120	—	Moscow, Russia	U.S.S.R.
3.940	76.12	2.5	ZBW3	Victoria	Hong Kong
		35/100	—	Okinawa (V.o.A.)	Ryukyu Is.
3.945	76.04	10	YDU2	Denpassar, Bali	Indonesia
		10	JOZ4	Hokkaido	Japan
		10/50	APK	Karachi	Pakistan
3.950	75.95	1	CR4AD	Sao Vincente	Cape Verde Is.
		3	—	Elizabethville	Congo
3.953	75.89	2	ZQP	Zomba	Northern Rhodesia
		50/100	MCM	Overseas Service*	U.K.

Mc/s	Metres	kW	Call	Station and Country	
3-960	75-76	5	CR4AA	Praia	Cape Verde Is.
		15/240	—	Peking	China
		10	YDL	Padang, Sumatra	Indonesia
		16	—	Baghdad	Iraq
3-962	75-72	1	YDT	Jidda	Saudi Arabia
		1	—	Soasiu, Mollucas	Indonesia
3-963	75-70	50/100	APK	Karachi	Pakistan
3-965	75-66	100	—	Allouis	France
		10	—	Monrovia	Liberia
		10	—	Peshawar	Pakistan
3-970	75-57	5	DMR20	Osterloog	Germany (West)
3-975	75-47	20	—	Lusaka	Northern Rhodesia
		5	CMQ7	Bissao	Portuguese Guinea
		50/100	GRC	Overseas Service*	U.K.
3-978	75-42	7-5	—	Stettin	Poland
3-980	73-38	1	VRH4	Suva	Fiji Islands
		8/100	—	Munich (V.o.A.)	Germany (West)
		10	YDI2	Surabaya, Java	Indonesia
		5	—	Enugu	Nigeria
3-985	75-28	100	HER22	Schwarzenburg	Switzerland
3-990	75-19	15/240	—	Peking	China
3-995	75-09	7-5	—	Leopoldville	Congo
		50/100	—	Rome	Italy
		1	—	Ibadan	Nigeria
4-010	74-81	25	—	Frunze, Kirghiz	U.S.S.R.
4-020	74-60	15/240	—	Peking	China
4-035	74-40	15/240	—	Peking	China
4-040	74-26	25	—	Kabul	Afghanistan
		20	—	Vladivostok, Russia	U.S.S.R.
4-055	73-98	50	—	Petropavlovsk, Russia	U.S.S.R.
4-084	73-46	—	—	Ulan Bator, Mongolia	U.S.S.R.
4-130	72-64	15/240	—	Peking	China
4-188	71-63	—	—	Ulan Bator, Mongolia	U.S.S.R.
4-220	71-07	15/240	—	Peking	China
4-235	70-84	10	—	Achkhabad, Turkmenia	U.S.S.R.
4-250	70-59	15/240	—	Peking	China
4-273	70-20	20	—	Khabarovsk, Russia	U.S.S.R.
4-395	68-25	15/120	—	Moscow, Russia	U.S.S.R.
4-410	68-03	15/240	—	Peking	China
4-430	67-72	—	—	Novosibirsk, Russia	U.S.S.R.
4-435	67-64	—	—	Dyushambe, Tadzhik	U.S.S.R.
4-460	67-26	15/240	—	Peking	China
		—	—	Petropavlovsk, Russia	U.S.S.R.
4-485	66-89	—	—	Urumchi	China
		—	—	Ufa, Bashkir	U.S.S.R.
		—	—	Omsk, Russia	U.S.S.R.
4-520	66-37	—	—	Yakutsk, Russia	U.S.S.R.
4-534	66-08	2	—	Alma Ata, Kazakh	U.S.S.R.
4-545	66-00	15	—	Guryev, Kazakh	U.S.S.R.
4-560	65-79	1	—	Khabarovsk, Russia	U.S.S.R.
4-610	65-08	20	—	Peking	China
4-620	64-94	15/240	—	Guayaquil	Ecuador
4-650	64-52	7	HCAK2	Tirana	Albania
4-695	63-83	3	—	Kabul	Afghanistan
4-709	63-72	25	—	Rangoon	Burma
4-725	63-49	50	XZK9		

Mc/s	Metres	kW	Call	Station and Country
4.734	63.37	12	—	Hanoi Vietnam (North)
4.750	63.20	50	APK	Karachi Pakistan
4.752	63.12	3	YDQ2	Macassar, Celebes Indonesia
4.755	63.08	1	ZYY3	Campinas Brazil
		50	APK	Karachi Pakistan
4.757	63.06	10	VRH4	Suva Fiji Islands
4.760	63.03	2.5	—	Simla India
4.764	62.97	3	HJEF	Cali Colombia
4.765	62.96	1	ZYN37	Bahia Brazil
4.770	62.89	15/240	—	Peking China
		1/50	BED33	Taipei Formosa
		10	ELWA	Monrovia Liberia
		1	YVMW	Punta Fijo Venezuela
4.775	62.83	5	ZYR81	Sao Paulo Brazil
		10	—	Gauhati India
4.776	62.70	2	ZYH29	Fortaleza Brazil
4.777	62.80	4	—	Libreville Gabon Rep.
4.780	62.76	1	TYZ3	Djibouti French Somaliland
		5	ZHL7	Singapore, Malaya Malaysia
		5	—	Bissao Portuguese Guinea
		1	YVLA	Valencia Venezuela
4.784	62.71	1	H12S	Santo Domingo Dominican Rep.
4.785	62.70	50	—	Kabul Afghanistan
		2	ZYM8	Sao Luiz Brazil
		5	VRH5	Suva Fiji Islands
		4	—	Niamey Niger
		10	—	Dar-es-Salaam Tanganyika
4.791	62.63	7.5	APD	Dacca Pakistan
		5	YVQN	Puerto la Cruz Venezuela
4.795	62.58	50	XZF2	Rangoon Burma
		1	HJFU	Armenia Colombia
		10	VQ6MI	Hargeisa Somali
		3.5	VPZ	Marhubi Zanzibar
4.798	62.53	10	—	Usumbura Burundi
		1	YSDR	Santa Ana Salvador
4.800	62.50	1	APL	Lahore Pakistan
		2	YVME	Maracaibo Venezuela
4.804	62.44	5	ZGW75	Kisumu Kenya
4.805	62.43	5	ZYS8	Manaos Brazil
4.807	62.40	1	CR5SB	Sao Thomé St. Thomas Is.
4.808	62.40	10	OQE	Bakavu Congo
4.810	62.37	20	—	Paradys South Africa
		1	YVMG	Maracaibo Venezuela
4.813	62.34	1	ZYH27	Fortaleza Brazil
4.814	62.33	30	—	Libreville Gabon
4.815	62.34	1	ZYP33	Petropolis Brazil
		10	CR8AB	Goa India
		1	OAX5U	Huaneavelica Peru
		4	—	Ougadougou Upper Volta
4.818	62.27	1	HJBB	Cucuta Colombia
4.820	62.24	1	—	Bathurst Gambia
		20/100	VUD	Delhi India
		1	YVRC	San Fernando Apure Venezuela
4.825	62.18	1	HJHC	Pasto Colombia
		10	—	Achkhabad, Turkmenia U.S.S.R.

Mc/s	Metres	kW	Call	Station and Country	
(4·825)	(62·18)	15/120	—	Moscow, Russia	U.S.S.R.
4·828	62·14	15	ZQP	Lusaka	Northern Rhodesia
4·830	62·10	5/50	—	Brazzaville	Congo
		10/100	VUB	Bombay	India
4·835	62·06	1	—	Bangkok	Thailand
		1·3	YVOA	San Cristobal	Venezuela
		4	—	Bamako	Mali
		10	—	Hargeisa	Somali
		15/120	—	Moscow, Russia	U.S.S.R.
4·838	62·01	10	—	Bakavu	Congo
4·840	61·98	10	—	Bhopal	India
		10/100	VUB	Bombay	India
4·842	61·96	7·5	CR7BU	Lourenço Marques	Mozambique
		1·5	YVOI	Valera	Venezuela
4·843	61·95	1	CR6RO	Silva Porto	Angola
4·845	61·92	5/50	—	Brazzaville	Congo
		1	HJGF	Bucaramanga	Colombia
4·849	61·88	10	—	Forest Side	Mauritius
		1	YVMS	Barquisimeto	Venezuela
4·850	61·86	2	—	Ranchi	India
		15/120	—	Moscow, Russia	U.S.S.R.
4·852	61·84	1	CR6RQ	Nova Lisboa	Angola
4·855	61·79	1	CP39	Cobija	Bolivia
		1	HJFB	Neiva	Colombia
4·860	61·73	10	YDK	Palembang, Sumatra	Indonesia
		10	—	Langata	Kenya
		4	—	Nouakchott	Mauritania
		30	—	Monte Carlo	Monaco
		4	—	Niamey	Niger
		2·5	—	Enugu	Nigeria
		20/100	VUD	Delhi	India
		7·5	—	Srinagar	Kashmir
		5	ZGW84	Langata	Kenya
		20	—	Kuching, Sarawak	Malaysia
4·864	61·64	1	YVPA	San Felipe	Venezuela
		30	—	Libreville	Gabon
4·865	61·66	10	ZQP	Lusaka	Northern Rhodesia
		2	PRC5	Belem	Brazil
4·866	61·65	10	YDR	Ambon, Moluccas	Indonesia
		1	CSA93	Punta Delgada	Azores
4·868	61·63	1	CR6RN	Luanda	Angola
		1	HJFA	Pereira	Colombia
4·870	61·60	75	—	Colombo	Ceylon
		2	YVKP	Caracas	Venezuela
4·874	61·56	—	—	Orenburg, Russia	U.S.S.R.
4·875	61·55	5	ZYZ30	Rio de Janeiro	Brazil
		7·5	—	Leopoldville	Congo
4·877	61·53	30	—	Cotonou	Dahomey
		—	—	Saigon	Vietnam (South)
4·880	61·48	1	HI2JP	Santo Domingo	Dominican Rep.
		5	HCGBI	Quito	Ecuador
4·880	61·48	10	VUL	Lucknow	India
		10	YDG	Surakarta, Java	Indonesia
4·880	61·48	1	OCX4E	Lima	Peru
		7·5	YVKF	Caracas	Venezuela

Mc/s	Metres	kW	Call	Station and Country	
4-885	61-41	1	ZYV50	Pocos de Caldas	Brazil
		10	ZGW85	Langata	Kenya
4-890	61-35	1	—	Dakar	Senegal
		4-7	YVKB	Caracas	Venezuela
4-895	61-29	5	CP75	La Paz	Bolivia
		2-5	PRF6	Manaos	Brazil
		3	HJCH	Bogota	Colombia
		8	—	Forte de France	Martinique
		10	—	Rawalpindi	Pakistan
4-897	61-26	20	ZRG	Paradys	South Africa
		2/10	VLX/W	Perth, W.A.	Australia
		1	HJAG	Barranquilla	Colombia
4-900	61-22	11	—	Colombo	Ceylon
		1	YDS	Gorontalo, Celebes	Indonesia
4-905	61-16	15/120	—	Moscow, Russia	U.S.S.R.
		2	YVKP	Caracas	Venezuela
		1	YVQE	Ciudad Bolivar	Venezuela
		5	ZYZZ0	Rio de Janeiro	Brazil
		1	—	Phnompenh	Cambodia
4-910	61-10	4	—	Fort Lamy	Chad
		10	—	Addis Ababa	Ethiopia
		7-5	—	Lourenço Marques	Mozambique
		1	HJAG	Cali	Colombia
		3	HCIMJ	Quito	Ecuador
4-911	61-09	4	—	Conakry	Guinea Rep.
		10/50	APK	Karachi	Pakistan
		15/120	—	Moscow, Russia	U.S.S.R.
4-915	61-04	10	ZQP	Lusaka	Northern Rhodesia
		1	ZYR60	Ararquara	Brazil
4-920	60-98	1	HJEQ	Popayan	Colombia
		1-3/5	ZOY	Accra	Ghana
		10	—	Quetta	Pakistan
		10	VLM/Q	Brisbane, Queensland	Australia
		10/100	VUM	Madras	India
4-925	60-94	15/120	—	Moscow, Russia	U.S.S.R.
		5	YVKR	Caracas	Venezuela
		1	ZYV32	Juiz de Fora	Brazil
4-928	60-88	1	HJAP	Cartagena	Colombia
		7-5	CR7BU	Lourenço Marques	Mozambique
4-930	60-85	1	HCRC1	Quito	Ecuador
		1	YDX2	Tandung Pinang, Sumatra	Indonesia
4-934	60-80	7-5	—	Benghazi	Libya
		10/50	APK	Karachi	Pakistan
		40	—	Kiev, Ukraine	U.S.S.R.
4-935	60-79	10	ZGW71	Langata	Kenya
		1	ZY121	Natal	Brazil
4-940	60-73	1	HJLF	Ibague	Colombia
		4	YVMQ	Barquisimeto	Venezuela
		10	HCXZ1	Quito	Ecuador
		1	HRVS	Tegucigalpa	Honduras Rep.
		10	—	Gauhati, Assam	India
4-945	60-67	5	—	Abidjan	Ivory Coast
		40	—	Kiev, Ukraine	U.S.S.R.
		1	ZYE23	Braganca	Brazil
		1	HJCW	Bogota	Colombia

Mc/s	Metres	kW	Call	Station and Country	
(4·945)(60·67)		3	YDA3	Bandoeng, Java	Indonesia
		20	—	Paradys	South Africa
4·950	60·61	2	—	Jammu	India
		5	ZGW86	Langata	Kenya
		20	—	Kuching, Sarawak	Malaysia
		4	—	Dakar	Senegal
		1	YVMM	Coro	Venezuela
4·955	60·54	1	CR6RZ	Luanda	Angola
		2	PRF7	Campos	Brazil
		50	HJCQ	Bogota	Colombia
4·956	60·53	1	—	Blagoveshchensk, Russia	U.S.S.R.
4·957	60·49	2	—	Baku, Azerbaijan	U.S.S.R.
4·960	60·48	15/240	—	Peking	China
		20/100	VUD	Delhi	India
		1	YVQA	Cumana	Venezuela
4·964	60·46	10	—	Lusaka	Northern Rhodesia
4·965	60·45	7·5	—	Colombo	Ceylon
		1	HJAE	Cartagena	Colombia
		20/100	VUD	Delhi	India
4·968	60·39	10	—	Al Kuwait	Kuwait
4·970	60·36	5	VQA	Jesselton, North Borneo	Malaysia
		1	YVLK	Caracas	Venezuela
4·971	60·34	1	—	Yaounde	Cameroon
4·975	60·30	2·5	ZZY9	Sao Luiz	Brazil
		5/8	—	Kampala	Uganda
4·980	60·25	3	OQ2AC	Elizabethville	Congo
		1	HI3K	Santiago	Dominican Rep.
		10/50	APK	Karachi	Pakistan
		1	—	San Cristobal	Venezuela
4·982	60·22	5	YDN2	Kutaradja, Sumatra	Indonesia
4·986	60·16	5	CP75	La Paz	Bolivia
4·989	60·12	10	—	Hyderabad	India
4·990	60·12	20	—	Lagos	Nigeria
		7·5/20	—	Omdurman	Sudan
		5	YVMQ	Barquisimeto	Venezuela
4·995	60·06	1	ZYY2	Goiana	Brazil
5·006	59·94	25	—	Kabul	Afghanistan
5·010	59·88	4	—	Garoura	Cameroon
		10	HJCA	Bogota	Colombia
		10	—	Addis Ababa	Ethiopia
		10	—	Singapore, Malaya	Malaysia
		5	—	St. Georges, Grenada	Windward Is.
5·015	59·82	10	—	Rio de Janeiro	Brazil
		4	FIQA	Tananarive	Madagascar
		—	—	Arkhangelsk, Russia	U.S.S.R.
5·016	59·81	20	—	Vladivostok, Russia	U.S.S.R.
5·020	59·76	1	—	Colombo	Ceylon
		1	HJFW	Manizales	Colombia
		4	—	Niamey	Niger
5·024	59·70	1	CR6RH	Sa da Bandeira	Angola
		5	—	Bissao	Portuguese Guinea
5·025	59·75	1	ZYX24	Aquidauana	Brazil
5·026	59·69	7·5	—	Kampala	Uganda
5·029	59·65	7·5	YVKM	Caracas	Venezuela
5·030	59·64	15/240	—	Peking	China



Mc/s	Metres	kW	Call	Station and Country	
(5-030)	(59-64)	1	YDM2	Bukittinggi, Sumatra	Indonesia
		7.5	YDP	Medan, Sumatra	Indonesia
5-033	59-61	1	CR6AA	Lobito	Angola
5-035	59-57	1	ZYW22	Goiana	Brazil
		4	—	Bangui	Central African Rep.
5-038	59-55	20	—	Kuching, Sarawak	Malaysia
5-039	59-57	5	YVMA	Maracaibo	Venezuela
5-040	59-52	50	—	Rangoon	Burma
		10	—	Tiflis, Georgia	U.S.S.R.
5-042	59-50	1	CR6RF	Benguela	Angola
		1	HJBJ	Quibdo	Colombia
5-045	59-46	5	ZYP23	Rio de Janeiro	Brazil
		5	—	Bosnek, Biak	Dutch New Guinea
5-050	59-41	20	—	Dar-es-Salaam	Tanganyika
		2.5	YVKD	Caracas	Venezuela
5-055	59-35	1	ZYO23	Vitoria	Brazil
		5	HJDW	Medellin	Colombia
5-060	59-29	7.5	—	Kormaksar	Aden
		1	CR6RD	Nova Lisboa	Angola
		1.5	4VDP	Les Gonaires	Haiti
		7.5	YDJ	Djakakarta, Java	Indonesia
5-065	59-25	10	—	Petrozavodsk, Karelia	U.S.S.R.
5-075	59-11	25	HJGC	Sutatenza	Colombia
5-095	58-88	1	HJCG	Sutatenza	Colombia
5-110	58-71	1/50	—	Taipei	Formosa
5-182	57-89	1	OAX8K	Iquitos	Peru
5-220	57-47	15/240	—	Peking	China
5-260	57-03	15	—	Alma Ata, Kazakh	U.S.S.R.
5-290	56-71	20	—	Damascus	Syria
		—	—	Krasnoyarsk, Russia	U.S.S.R.
5-325	56-34	15/120	—	Moscow, Russia	U.S.S.R.
5-455	55-00	15/120	—	Moscow, Russia	U.S.S.R.
5-505	54-50	15/240	—	Peking	China
5-526	54-30	15/240	—	Peking	China
5-600	53-57	15/120	—	Moscow, Russia	U.S.S.R.
5-640	53-19	1	OAX10	Chiclayo	Peru
5-675	52-86	50/100	—	Cairo	Egypt
5-700	52-63	—	—	Pyongyang	Korea (North)
		20	—	Damascus	Syria
5-715	52-49	50/100	—	Cairo	Egypt
5-740	52-26	5	—	Erivan, Armenia	U.S.S.R.
5-750	52-20	1	CE8AA	Santiago	Chile
5-780	51-90	3	HC1FA	Quito	Ecuador
		15/120	—	Moscow, Russia	U.S.S.R.
5-874	51-07	1	HRN	Tegucigalpa	Honduras Rep.
5-880	51-08	15/240	—	Peking	China
5-900	50-85	10	—	Elizabethville	Congo
		100	—	Budapest	Hungary
		15/120	—	Moscow, Russia	U.S.S.R.
5-902	50-83	1	ZNB	Mafeking	Bechuanaland
5-910	50-76	15/120	—	Moscow, Russia	U.S.S.R.
5-915	50-72	15/240	—	Peking	China
5-920	50-70	15/120	—	Moscow, Russia	U.S.S.R.
5-925	50-63	1	—	Puerto Cattezas	Nicaragua
		15	—	Tashkent, Uzbek	U.S.S.R.

Mc/s	Metres	kW	Call	Station and Country	
5-930	50-59	100	—	Podebrady	Czechoslovakia
		100	HER	Schwarzenburg	Switzerland
		—	—	Arkhangelsk, Russia	U.S.S.R.
5-935	50-54	15/120	—	Moscow, Russia	U.S.S.R.
		10	—	Elizabethville	Congo
		—	—	Lhasa, Tibet	China
5-940	50-51	100	—	Podebrady	Czechoslovakia
		15/240	—	Peking	China
		30	—	Monte Carlo	Monaco
5-950	50-38	15/120	—	Moscow, Russia	U.S.S.R.
		15/240	—	Peking	China
		100	—	Budapest	Hungary
		20/100	VUD	Delhi	India
		100	—	Beida	Libya
		100	3AM5	Monte Carlo	Monaco
5-952	50-40	7-5/100	—	Warsaw	Poland
		50/100	—	Tunis	Tunisia
		15/120	—	Moscow, Russia	U.S.S.R.
5-953	50-39	25	—	Sana'a	Yemen
5-955	50-38	5	—	Guatemala City	Guatemala
		1	—	La Paz	Bolivia
		7-5	ZYR226	Sao Paulo	Brazil
		50	—	Sackville, N.B.	Canada
		10	—	Elizabethville	Congo
		10	—	Addis Ababa	Ethiopia
		100	—	Allouis	France
		20/100	—	Jülich	Germany (West)
		7-5	—	Larissa	Greece
		20/100	VUD	Delhi	India
		50/100	—	Rome	Italy
		8	—	Fort de France	Martinique
		30	—	Monte Carlo	Monaco
		35/100	—	Tangier (V.o.A.)	Morocco
		7-5	—	Juba	Sudan
		2	—	Bangkok	Thailand
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50	WDSI	Brentwood, N.Y.	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
		5-959	50-34	100	—
5-960	50-34	1	HJCF	Bogota	Colombia
		1/50	BEC38	Taipei	Formosa
		75/100	—	Munich (V.o.A.)	Germany (West)
		100	—	Budapest	Hungary
		2	—	Jammu	India
		50/100	—	Rome	Italy
		100	—	Monte Carlo	Monaco
		50/100	—	Lisbon	Portugal
		25	—	Dakar	Senegal
		5	VQO2	Honiara	Solomon Islands
		50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Kaunas, Lithuania	U.S.S.R.
		—	—	Omsk, Russia	U.S.S.R.
—	—	Sverdlovsk, Russia	U.S.S.R.		
50	—	Ulan Bator, Mongolia	U.S.S.R.		
5-965	50-29	7-5	ZYU60	Porto Alegre	Brazil

Mc/s	Metres	kW	Call	Station and Country	
5-965	50-29	10	ETLF	Addis Ababa	Ethiopia
		75/100	—	Munich (V.o.A.)	Germany (West)
		50/100	—	Rome	Italy
		100	—	Beida	Libya
		1	YNWW	Granada	Nicaragua
		50/100	—	Overseas Service*	U.K.
5-970	50-25	50/200	KCBR	Delano, Cal.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		50	CKNA	Sackville, N.B.	Canada
		15/240	—	Peking	China
		3	FZI	Brazzaville	Congo
		7-5	H14T	Santo Domingo	Dominican Rep.
		75/100	—	Munich (V.o.A.)	Germany (West)
		10	—	Gauhati, Assam	India
		10	YDO2	Bandjermassin, Borneo	Indonesia
		100	—	Monte Carlo	Monaco
		5-975	50-21	—	—
1	CP40			Cochabamba	Bolivia
1	CP5			La Paz	Bolivia
10	ZYT44			Florianapolis	Brazil
75/100	—			Munich (V.o.A.)	Germany (West)
7-5	—			Salonika	Greece
20/100	VUD			Delhi	India
10/50	APK			Karachi	Pakistan
1	ZPA6			Villarrica	Paraguay
50/100	CSA			Lisbon	Portugal
35/100	—			Okinawa (V.o.A.)	Ryukyu Island
4	—			Dakar	Senegal
2-5/20	—			Gwelo	Southern Rhodesia
5-980	50-17			20/80	WRUL
		50/500	—	Greenville, N. Carolina	U.S.A.
		2	ZFY	Georgetown	British Guiana
		10	HJLY	Medellin	Colombia
		1/50	BED29	Taipei	Formosa
		100	—	Allouis	France
		20/100	DMQ6	Jülich	Germany (West)
		2/100	—	Beirut	Lebanon
		50	—	Monrovia (V.o.A.)	Liberia
		5	VQA52	Jesselton, North Borneo	Malaysia
		10/100	—	Lopik-IJsselstein	Netherlands
		7-5	APD	Dacca	Pakistan
		50	APK	Karachi	Pakistan
		100	—	Bucharest	Rumania
		35/100	—	Tangier	Tangiers
		110	WLWO	Cincinnati, Ohio	U.S.A.
		5-985	50-12	10	—
20	—			Vladivostok, Russia	U.S.S.R.
5	LRS1			Buenos Aires	Argentina
10	HJGW			Tunja	Colombia
5/50	—			Brazzaville	Congo
1/50	BED29			Taipei	Formosa
50/100	—			Rome	Italy
30	—			Monte Carlo	Monaco
10/100	—			Lopik-IJsselstein	Netherlands
50	APK			Karachi	Pakistan

Mc/s	Metres	kW	Call	Station and Country	
(5-985)	(50-12)	1	YSW	Santa Ana	Salvador
		50/100	—	Overseas Service*	U.K.
		50/200	KNBH	Dixon, Cal.	U.S.A.
		25	—	Sana'a	Yemen
5-990	50-08	7.5	PRC5	Rio de Janeiro	Brazil
		50	CHAY	Sackville, N.B.	Canada
		100	—	Havana	Cuba
		7.5	—	Salonika	Greece
		1	TGJA	Guatemala City	Guatemala
		10	—	Bhopal	India
		20/100	VUD	Delhi	India
		1	YDS2	Menado, Celebes	Indonesia
		50	—	Monrovia	Liberia
		100	—	Bucharest	Rumania
		100	—	Hörby	Sweden
		50/100	MCU	Overseas Service*	U.K.
		—	—	Irkutsk, Russia	U.S.S.R.
5-991	50-07	100	—	Madrid	Spain
5-995	50-04	25	—	Andorra	Andorra
		10	—	Coquilhatville	Congo
		1/50	—	Taipei	Formosa
		35	—	Salonika (V.o.A.)	Greece
		1	HRP1	San Pedro Sula	Honduras Rep.
		20/100	VUD	Delhi	India
		8	FZF6	Fort de France	Martinique
		100	—	Monte Carlo	Monaco
		1	YNDG	Leon	Nicaragua
		7.5/20	—	Omdurman	Sudan
		50	WBOU	Bound Brook, N.J.	U.S.A.
		110	WLWO	Cincinnati, Ohio	U.S.A.
5-997	50-04	50/500	—	Greenville, N. Carolina	U.S.A.
5-998	50-00	1	HJFQ	Pereira	Colombia
6-000	50-00	50	—	Kabul	Afghanistan
		2	—	Novo Redondo	Angola
		1/50	OEI20	Innsbruck	Austria
		100	—	Wavre	Belgium
		15/240	—	Peking	China
		4	—	Djibouti	French Somaliland
		20/100	—	Julich	Germany (West)
		1	TGTA	Guatemala City	Guatemala
		1	4VEH	Cap Haitien	Haiti
		7.5	—	Swan Island	Swan Island
		15/120	—	Moscow, Russia	U.S.S.R.
		5	CXA2	Montevideo	Uruguay
6-005	49-96	1	CFCX	Montreal, Quebec	Canada
		7.5	—	Colombo	Ceylon
		20	—	Berlin (R.I.A.S.)	Germany (West)
		50/100	—	Tokio	Japan
		7.5/100	—	Warsaw	Poland
		20	—	Paradys	South Africa
		3.5	VPZ	Marhubi	Zanzibar
6-006	49-94	1	TIHBG	San Jose	Costa Rica
6-007	49-93	2.5	XEOI	Mexico City	Mexico
6-010	49-92	50	—	Sackville, N.B.	Canada
		1	CJXC	Sydney, Nova Scotia	Canada

Mc/s	Metres	kW	Call	Station and Country			
6-010	49-92	5	CE601	Antofagasta	Chile		
		10	HJFK	Pereira	Columbia		
		50	—	Leopoldville	Congo		
		100	—	Podebrady	Czechoslovakia		
		10	—	Addis Ababa	Ethiopia		
		10	VUC	Calcutta	India		
		20/100	VUD	Delhi	India		
		50/100	—	Rome	Italy		
		35/100	—	Okinawa (V.o.A.)	Ryukyu Is.		
		5	YSS	San Salvador	Salvador		
		50/100	—	Overseas Service*	U.K.		
		—	—	Achkhabad, Turkmenia	U.S.S.R.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		6-015	49-88	5	PRA8	Recife	Brazil
				100	—	Havana	Cuba
20/100	—			Jülich	Germany (West)		
5	—			Singapore	Malaya		
35/100	—			Tangier (V.o.A.)	Morocco		
7-5/10	APD			Dacca	Pakistan		
1	ZPA10			Concepcion	Paraguay		
7-5/100	—			Warsaw	Poland		
50	—			Tunis	Tunisia		
50/80	WRUL			Boston, Mass.	U.S.A.		
6-018	49-85	50/500	—	Greenville, N. Carolina	U.S.A.		
		1	HIIZ	Santo Domingo	Dominican Rep.		
		7-5	ZEAJ	Salisbury	Southern Rhodesia		
6-020	49-83	10	HJCX	Bogota	Colombia		
		100	—	Berlin	Germany (East)		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		1	TGDA	Quezaltenango	Guatemala		
		1	HROW2	Tegucigalpa	Honduras Rep.		
		100	—	Amman	Jordan		
		10/100	PCD	Lopik-IJsselstein	Netherlands		
		7-5	ZL20	Wellington	New Zealand		
		2-5/20	—	Gwelo	Southern Rhodesia		
		15/120	—	Moscow, Russia	U.S.S.R.		
6-025	49-79	10	CR6SD	Luanda	Angola		
		15/240	—	Peking	China		
		100	—	Podebrady	Czechoslovakia		
		20/100	DMQ6	Jülich	Germany (West)		
		100	—	Amman	Jordan		
		5	VSK2C	Kuala Lumpur, Malaya	Malaysia		
		35/100	—	Tangier (V.o.A.)	Morocco		
		10/100	—	Lopik-IJsselstein	Netherlands		
		1	APL	Lahore	Pakistan		
		1	ZPA10	Ascuncion	Paraguay		
6-030	49-75	50/100	CSA	Lisbon	Portugal		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		20	—	Mühlacker	Germany (West)		
		7	TGTQ	Guatemala City	Guatemala		
		100	—	Baghdad	Iraq		
		1	XEHW	Morelia	Mexico		
		2/50	DZH6	Bocau, Luzon	Philippines		
		110	WLWO	Cincinnati, Ohio	U.S.A.		

Mc/s	Metres	kW	Call	Station and Country			
(6-030)(49-75)		50/500	—	Greenville, N. Carolina	U.S.A.		
		15	—	Alma Ata, Kazakh	U.S.S.R.		
		15	—	Tashkent, Uzbek	U.S.S.R.		
6-032	49-73	30	—	Libreville	Gabon		
6-035	49-71	7.5	ZYZZ6	Rio de Janeiro	Brazil		
		50	—	Rangoon	Burma		
		1	HRTL	Tela	Honduras Rep.		
		10	—	Seoul	Korea (South)		
		50	—	Monrovia (V.o.A.)	Liberia		
		30	—	Nouakchott	Mauritania		
		30	3AM3	Monte Carlo	Monaco		
		10/100	—	Lopik-IJsselstein	Netherlands		
		1	FK8AA	Noumea	New Caledonia		
		50/100	GWS	Overseas Service*	U.K.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15	—	Tashkent, Uzbek	U.S.S.R.		
		1	CXA30	Montevideo	Uruguay		
		6-037	49-69	1.5	TIFC2	San Jose	Costa Rica
		6-040	49-67	30	—	Yaounde	Cameroon
10	HJLB			Ibague	Colombia		
1/50	—			Taipei	Formosa		
75/100	—			Munich (V.o.A.)	Germany (West)		
35	—			Salonika (V.o.A.)	Greece		
10/100	VUB			Bombay	India		
2.5	—			Simla	India		
50/100	—			Overseas Service*	U.K.		
50/200	KCBR			Delano, Cal.	U.S.A.		
50/200	KNBH			Dixon, Cal.	U.S.A.		
6-045	49-63			7.5	ZYS33	Curityba	Brazil
				5	CE604	Antofagasta	Chile
				7.5	—	Athens	Greece
				100	YDF	Djakarta, Java	Indonesia
				5	XETW	Tampico	Mexico
		1	HOU31	David	Panama		
		7.5/100	—	Warsaw	Poland		
		25	—	Ougadougou	Upper Volta		
		10	CXA61	Montevideo	Uruguay		
		50	WDSI	Brentwood, N.Y.	U.S.A.		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		6-050	49-59	5	—	Kigali	Burundi
				1/30	HCJB	Quito	Ecuador
2	VTW2			Tarawa	Gilbert & Ellice Is.		
10	HRLP			Tegucigalpa	Honduras Rep.		
5	—			Lourenço Marques	Mozambique		
100	—			Schwarzenburg	Switzerland		
50/100	GSA			Overseas Service*	U.K.		
20	—			Vladivostok, Russia	U.S.S.R.		
6-053	49-57			2.5	HJEX	Cali	Colombia
6-055	49-55			1	CP18	Oruro	Bolivia
				5	PRB21	Sao Paulo	Brazil
				100	OLR	Podebrady	Czechoslovakia
				5	JOZZ	Tokio	Japan
				10/50	—	Al Kuwait	Kuwait

Mc/s	Metres	kW	Call	Station and Country			
(6-055)(49-55)		100	HER2	Schwarzenburg	Switzerland		
		100	WLWO	Cincinnati, Ohio	U.S.A.		
6-060	49-50	50/500	—	Greenville, N. Carolina	U.S.A.		
		10	—	Petrozavodsk, Karelia	U.S.S.R.		
		5	CXA53	Melo	Uruguay		
		25	LRA31	Buenos Aires	Argentina		
		50	—	Sackville, N.B.	Canada		
		—	—	Berlin	Germany (East)		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		1.5	TGXX	Quezaltenango	Guatemala		
		—	—	Caltanissetta	Italy		
		50/100	—	Rome	Italy		
		5	—	Langata	Kenya		
		4/30	—	Niamey	Niger		
		10/20	—	Lusaka	Northern Rhodesia		
		6-065	49-46	10	—	Brasilia	Brazil
				7.5	ZYZ31	Rio de Janeiro	Brazil
15/240	—			Peking	China		
2	—			Ranchi	India		
35/100	—			Tangier (V.o.A.)	Morocco		
1	YNEQ			Managua	Nicaragua		
100	—			Hörby	Sweden		
110	WLWO			Cincinnati, Ohio	U.S.A.		
50/500	—			Greenville, N. Carolina	U.S.A.		
6-070	49-42			5	—	Sofia	Bulgaria
		1	CFRX	Toronto, Ontario	Canada		
		5	CE607	Santiago	Chile		
		5	—	Bosnek, Biak	Dutch New Guinea		
		100	—	Tema	Ghana		
		20/100	VUD	Delhi	India		
		10/50	APK	Karachi	Pakistan		
		4	—	Ziguinchor	Senegal		
		2	—	Bangkok	Thailand		
		50/100	GRR	Overseas Service*	U.K.		
		6-075	49-38	7.5	—	Colombo	Ceylon
				10	HJGT	Sutatenza	Colombia
1	TIGG			San Jose	Costa Rica		
20	DMR27			Osterloog	Germany (West)		
7.5	—			Athens	Greece		
100	—			Honolulu (V.o.A.)	Hawaii		
50	—			Monrovia (V.o.A.)	Liberia		
7.5/100	—			Warsaw	Poland		
35/100	—			Okinawa (V.o.A.)	Ryukyu Is.		
50/500	—			Greenville, N. Carolina	U.S.A.		
20	—			Vladivostok, Russia	U.S.S.R.		
6-080	49-34			2.5	CXA3	Montevideo	Uruguay
		50	—	Algiers	Algeria		
		15/240	—	Peking	China		
		10	OOB	Stanleyville	Congo		
		50/100	—	Cairo	Egypt		
		—	—	Berlin	Germany (East)		
		1.5	TGSM	S. Marcos	Guatemala		
		20/100	VUD	Delhi	India		
		50/100	—	Baghdad	Iraq		
		50/100	—	Tokio	Japan		

Mc/s	Metres	kW	Call	Station and Country	
(6-080)(49-34)		100	—	Amman	Jordan
		35/100	—	Tangier (V.o.A.)	Morocco
		7.5	ZL7	Wellington	New Zealand
		1	CSB51	Lisbon	Portugal
6-082	49-33	50/100	MCV	Overseas Service*	U.K.
		50	—	Komsomolsk, Russia	U.S.S.R.
		15	OAX4Z	Lima	Peru
		16	ZYK2	Recife	Brazil
6-085	49-30	10	—	Munich (B.R.)	Germany (West)
		10/100	VUM	Madras	India
		10	—	Langata	Kenya
		10/100	—	Lopik-IJsselstein	Netherlands
		50/200	KNBH	Dixon, Cal.	U.S.A.
		40	—	Kiev, Ukraine	U.S.S.R.
		—	—	Tallinn, Estonia	U.S.S.R.
		50	LRY	Buenos Aires	Argentina
6-090	49-26	2	VLI6	Sydney, N.S.W.	Australia
		1	—	Pnompenh	Cambodia
		1/50	—	Taipei	Formosa
		50	—	Monrovia	Liberia
		5	—	Luxembourg	Luxembourg
		10	—	Kaduna	Nigeria
		20	—	Khabarovsk, Russia	U.S.S.R.
		—	—	Simferopol, Russia	U.S.S.R.
6-095	49-22	25	ZYB7	Sao Paulo	Brazil
		1	YSC	San Salvador	Salvador
		20	—	Paradys	South Africa
		100	—	Hörby	Sweden
		50/200	KCBR	Delano, Cal.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		30	—	Bangui	Central African Rep.
		20/100	—	Jülich	Germany (West)
6-100	49-18	20/100	VUD	Delhi	India
		50/100	—	Rome	Italy
		5	—	St. Georges, Grenada	Windward Is.
		10	YUA	Belgrade	Yugoslavia
6-103	49-16	1/50	BEC32	Taipei	Formosa
6-105	49-14	5	ZYN6	Fortaleza	Brazil
		1	HJNV	Medellin	Colombia
		50/100	—	Cairo	Egypt
		100	—	Beirut	Lebanon
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/240	—	Peking	China
		6-108	49-12	5	CE611
6-110	49-10	1	HI1Z	Santo Domingo	Dominican Rep.
		20/100	DMQ6	Jülich	Germany (West)
		7.5	—	Srinagar	Kashmir
		7.5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		1	ZPA11	Ascuncion	Paraguay
		2	YVKQ	Caracas	Venezuela
		50	—	Tunis	Tunisia
		50/100	GSL	Overseas Service*	U.K.
6-115	49-06	2	—	Baku, Azerbaijan	U.S.S.R.
		100	ZYC7	Rio de Janeiro	Brazil



Mc/s	Metres	kW	Call	Station	Country
6·115	49·06	1	FLA6	Duala	Cameroon
		1	HJNE	Cali	Colombia
		100	OLR	Podebrady	Czechoslovakia
		100	—	Berlin	Germany (East)
		35/100	—	Tangier (V.o.A.)	Morocco
		5	—	Lourenço Marques	Mozambique
		20	—	Khabarovsk, Russia	U.S.S.R.
		2	CXA73	Montevideo	Uruguay
		1	—	Saigon	Vietnam (South)
		6·120	49·02	1	LRX1
50	CKYT			Sackville, N.B.	Canada
7·5	ZJM4			Limassol	Cyprus
15	OIX7			Pori	Finland
1	—			Cap Haitien	Haiti
20/100	VUD			Delhi	India
10	—			Hyderabad	India
5	YDI4			Surabaya, Java	Indonesia
35/100	—			Tangier (V.o.A.)	Morocco
2/50	—			Bocaue, Luzon	Philippines
6·125	48·98	10	PRG9	Sao Paulo	Brazil
		1	CP15	La Paz	Bolivia
		15/240	—	Peking	China
		1	HJKE	Bogota	Colombia
		10	—	Luluabourg, Kasai	Congo
		1	HRQ	San Pedro	Honduras Rep.
		50/100	—	Rome	Italy
		35/100	—	Poro (V.o.A.)	Philippines
		50/100	GWA	Overseas Service*	U.K.
		—	—	Kaunas, Lithuania	U.S.S.R.
20	—	Vladivostok, Russia	U.S.S.R.		
6·130	48·94	10	CXA	Montevideo	Uruguay
		1	CHNX	Halifax, Nova Scotia	Canada
		35	—	Colombo	Ceylon
		20/100	VUD	Delhi	India
		10	—	Gauhati, Assam	India
		50/100	—	Tokio	Japan
		1	—	Vientiane	Laos
		10/100	LKJ	Fredrikstad	Norway
		2	VLT6	Port Moresby	Papua
		100	—	Madrid	Spain
6·133	48·92	7·5	ZHP	Kuala Lumpur, Malaya	Malaysia
6·135	48·90	1	CR6RU	Carmona	Angola
		7·5	PRC21	Porto Alegre	Brazil
		1	HJEV	Cali	Colombia
		100	—	Podebrady	Czechoslovakia
		100	ETLF	Addis Ababa	Ethiopia
		75/100	—	Munich (V.o.A.)	Germany (West)
		20/100	VUD	Delhi	India
		4	—	Tananarive	Madagascar
		35/100	—	Tangier (V.o.A.)	Morocco
		7·5/100	—	Warsaw	Poland
1	FO8AA	Papeete	Tahiti		
—	—	Krasnoyarsk, Russia	U.S.S.R.		
6·136	48·89	5	—	Ulan Bator, Mongolia	U.S.S.R.
6·139	48·87	100	—	Madrid	Spain

Mc/s	Metres	kW	Call	Station and Country			
6-140	48-86	2/10	VLW/X	Perth, W.A.	Australia		
		20/100	ORU	Wavre	Belgium		
		100	—	Addis Ababa	Ethiopia		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		1	TGHC	Guatemala City	Guatemala		
		20/100	VUD	Delhi	India		
		10/100	—	Tokio	Japan		
		1	—	Benghazi	Libya		
		35/100	—	Tangier (V.o.A.)	Morocco		
		1	YNWA	Managua	Nicaragua		
		20	—	Damascus	Syria		
		50	WBOU	Bound Brook, N.J.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		10	CXA5	Montevideo	Uruguay		
		6-145	48-82	50	—	Algiers	Algeria
				100	—	Allouis	France
				20/100	—	Jülich	Germany (West)
35/100	—			Tangier (V.o.A.)	Morocco		
2-5	—			Enugu	Nigeria		
35/100	—			Okinawa (V.o.A.)	Ryukyu Is.		
50/200	KNBH			Dixon, Cal.	U.S.A.		
50/500	—			Greenville, N. Carolina	U.S.A.		
25/100	HVJ			Vatican City	Vatican State		
6-146	48-80			50	PRL9	Rio de Janeiro	Brazil
6-150	48-78			10	VLG/H	Lyndhurst, Victoria	Australia
		5	CE615	Valparaiso	Chile		
		15/240	—	Peking	China		
		2	TIRH	San Jose	Costa Rica		
		100	ETLF	Addis Ababa	Ethiopia		
		10/100	VUB	Bombay	India		
		1	—	Vientiane	Laos		
		100	—	Bucharest	Rumania		
		20	—	Paradys	South Africa		
		100	—	Madrid	Spain		
		7-5/20	—	Omdurman	Sudan		
		50/100	GRW	Overseas Service*	U.K.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		100	YUA	Belgrade	Yugoslavia		
6-153	48-76	7-5	EQR2	Tabriz	Iran		
6-155	48-74	4	OE121	Vienna	Austria		
		1	CP12	La Paz	Bolivia		
		35	—	Salonika (V.o.A.)	Greece		
		18/100	—	Conakry	Guinea Rep.		
		1	TGUC	Tegucigalpa	Honduras Rep.		
		50	—	Baghdad	Iraq		
		10	—	Tokio	Japan		
		10	CSB52	Lisbon	Portugal		
		4	—	Lome	Togoland		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
6-156	48-74	—	—	Lwow, Ukraine	U.S.S.R.		
		5	—	Tashkent, Uzbek	U.S.S.R.		
		5	CXA13	Montevideo	Uruguay		
		6-160	48-70	10	—	Algiers	Algeria
				50	CHAC	Sackville, N.B.	Canada
		5	HJKJ	Bogota	Colombia		

Mc/s	Metres	kW	Call	Station and Country			
6·160	48·70	100	—	Allouis	France		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		20/100	—	Jülich	Germany (West)		
6·165	48·66	50	—	Baghdad	Iraq		
		20	—	Vladivostok, Russia	U.S.S.R.		
		7·5	ZYR58	Sao Paulo	Brazil		
		30	—	Fort Lamy	Chad		
		10	XEWW	Mexico City	Mexico		
		100	HER3	Schwarzenburg	Switzerland		
		20	—	Damascus	Syria		
6·170	48·62	40	—	Kiev, Ukraine	U.S.S.R.		
		12	—	Saigon	Vietnam (South)		
		5	—	Sofia	Bulgaria		
		7·5	ZJM5	Limassol	Cyprus		
		100	OLR	Podebrady	Czechoslovakia		
		1	FZC46	Cayenne	French Guiana		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		10	—	Lucknow	India		
		5	ZGW	Langata	Kenya		
		4	—	Tananarive	Madagascar		
		35/100	—	Tangier (V.o.A.)	Morocco		
6·174	48·59	35/100	—	Okinawa (V.o.A.)	Ryukyu Is.		
		1	CXA21	Montevideo	Uruguay		
		2	YVKO	Caracas	Venezuela		
		7·5	—	Tabriz	Iran		
		2·5	—	Kaduna	Nigeria		
		6·175	48·58	100	—	Allouis	France
				75/100	—	Munich (V.o.A.)	Germany (West)
				20/100	—	Jülich	Germany (West)
				50/100	—	Tokio	Japan
				7·5/100	—	Tebrau, Malaya	Malaysia
50/500	—			Greenville, N. Carolina	U.S.A.		
50	WDSI			Wayne, N.J.	U.S.A.		
6·180	48·54	10	LRA34	Mendoza	Argentina		
		20/100	—	Wavre	Belgium		
		15/240	—	Peking	China		
		1/50	—	Taipei	Formosa		
		1	TGZB	Guatemala City	Guatemala		
		20/100	VUD	Delhi	India		
		7·5	—	Tabriz	Iran		
		35/100	—	Tangier (V.o.A.)	Morocco		
		5	—	Malaga	Spain		
		50/100	GRO	Overseas Service*	U.K.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
6·183	48·52	50	WDSI	Wayne, N.J.	U.S.A.		
		10	HJCT	Bogota	Colombia		
6·185	48·50	1	CP9	La Paz	Bolivia		
		10	ZYR77	Sao Paulo	Brazil		
		7·5	—	Colombo	Ceylon		
		1	ETAA	Addis Ababa	Ethiopia		
		35	—	Salonika (V.o.A.)	Greece		
		10	—	Ibadan	Nigeria		
		10/100	LLI	Fredrikstad	Norway		
		50	—	Malolos, Luzon (V.o.A.)	Philippines		
		100	CSA	Lisbon	Portugal		

Mc/s	Metres	kW	Call	Station and Country
(6·185)(48·50)	50/200	KCBR		Delano, Cal. U.S.A.
6·190	48·47	50	LRV1	Buenos Aires Argentina
		5	CE619	Santiago Chile
		—	—	Berlin Germany (East)
		10	—	Bremen Germany (West)
	20/100	VUD		Delhi India
	50/100	—		Tokio Japan
	50	—		Sebaa Aioun Morocco
	100	—		Bucharest Rumania
	110	WLWO		Cincinnati, Ohio U.S.A.
	50/500	—		Greenville, N. Carolina U.S.A.
	—	—		Omsk, Russia U.S.S.R.
	25/100	HVJ		Vatican City Vatican State
6·195	48·43	1	CP23	Tarija Bolivia
		10	—	Usumbura Burundi
		5	HJEZ	Cali Colombia
		10	YDL3	Padang, Sumatra Indonesia
		—	—	Pyongyang Korea (North)
	7·5/100	—		Warsaw Poland
	100	—		Bucharest Rumania
	50/100	GRN		Overseas Service* U.K.
	2	—		Baku, Azerbaijan U.S.S.R.
	—	—		Irkutsk, Russia U.S.S.R.
6·197	48·42	25	—	Andorra Andorra
		50	—	Tunis Tunisia
6·200	48·39	1·5	4VHW	Port au Prince Haiti
		10	—	Sebaa Aioun Morocco
		20	—	Damascus Syria
	15/120	—		Moscow, Russia U.S.S.R.
6·205	48·35	1	HCF16	Ambato Ecuador
		50	—	Tunis Tunisia
6·210	48·31	15/240	—	Peking China
		1	OAX7A	Cuzco Peru
6·215	48·27	1	TIGPH	San Jose Costa Rica
6·217	48·25	50/100	—	Cairo Egypt
6·225	48·19	15/240	—	Peking China
6·235	48·12	100	—	Budapest Hungary
		10/50	APK	Karachi Pakistan
6·240	48·10	5	—	Santa Isabel Spanish Guinea
6·244	48·05	10/50	APK	Karachi Pakistan
6·250	48·00	—	—	Pyongyang Korea (North)
		100	—	Ankara Turkey
6·253	47·98	12	—	Hanoi Vietnam (North)
6·270	47·85	15/240	—	Peking China
		—	—	Urumchi China
6·296	47·65	3	OTM1	Leopoldville Congo
6·305	47·58	15/120	—	Moscow, Russia U.S.S.R.
6·306	47·57	25	—	Andorra Andorra
6·308	47·56	1	HI8Z	Santiago Dominican Rep.
6·312	47·51	—	—	Berlin Germany (East)
6·400	46·88	3	—	Tirana Albania
6·434	46·63	1	COCW	Havana Cuba
6·595	45·49	15/240	—	Peking China
6·608	45·40	100	TAZ	Ankara Turkey
6·635	45·21	4	—	Dakar Senegal

Mc/s	Metres	kW	Call	Station and Country	
6-700	44-78	1	—	Chichayo	Peru
6-790	44-18	15/240	—	Peking	China
		15	—	Alma Ata, Kazakh	U.S.S.R.
6-840	43-86	—	—	Huhetot, Inner Mongolia	China
6-861	43-73	50/100	—	Jidda	Saudi Arabia
6-870	43-67	15	—	Alma Ata, Kazakh	U.S.S.R.
6-925	43-32	15/240	—	Peking	China
6-950	43-30	5	—	Bissao	Portuguese Guinea
6-975	43-01	50/100	—	Jidda	Saudi Arabia
6-985	42-96	—	—	Huhetot, Inner Mongolia	China
6-995	42-89	15/240	—	Peking	China
		3	EFE17	Valencia	Spain
7-008	42-81	50	APK	Karachi	Pakistan
7-010	42-79	12	—	Hanoi	Vietnam (North)
7-018	42-75	1	EFE1	Valladolid	Spain
7-031	42-64	1	—	Istanbul	Turkey
7-032	42-66	100	—	Teheran	Iran
7-035	42-65	15/240	—	Peking	China
7-051	42-54	50/100	—	Cairo	Egypt
		—	—	Urumchi	China
7-060	42-49	15/240	—	Peking	China
		15/120	—	Moscow, Russia	U.S.S.R.
7-073	42-42	50	IBK	Mogadishu	Somali
7-075	42-40	50/100	—	Cairo	Egypt
7-080	42-37	15/240	—	Peking	China
7-085	42-35	15/120	—	Moscow, Russia	U.S.S.R.
7-088	42-33	3	—	Tirana	Albania
7-091	42-31	20	—	Teheran	Iran
7-095	42-28	—	—	Urumchi	China
7-097	42-27	15/120	—	Moscow, Russia	U.S.S.R.
7-098	42-26	30	—	Monte Carlo	Monaco
7-100	42-25	15/240	—	Peking	China
		—	—	Janina	Greece
		12/120	—	Moscow, Russia	U.S.S.R.
		5	—	Tashkent, Uzbek	U.S.S.R.
7-105	42-22	1	CR6RO	Silva Porto	Angola
		5/50	—	Brazzaville	Congo
		20/100	VUD	Delhi	India
		20	YDJ2	Djokjakarta, Java	Indonesia
		100	—	Teheran	Iran
		4	—	Tananarive	Madagascar
		30	—	Monte Carlo	Monaco
		5	—	Jawalakhel	Nepal
		30	—	Niamey	Niger
		100	—	Madrid	Spain
		1	—	Bangkok	Thailand
		40	—	Kiev, Ukraine	U.S.S.R.
		15/120	—	Moscow, Russia	U.S.S.R.
7-110	42-19	35	—	Colombo (V.o.A.)	Ceylon
		10	—	Kuala Lumpur, Malaya	Malaysia
		7-5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		35/100	—	Tangier (V.o.A.)	Morocco
		10	—	Rawalpindi	Pakistan
		100	—	Schwarzenburg	Switzerland
		50/100	MCS	Overseas Service*	U.K.

Mc/s	Metres	kW	Call	Station and Country			
(7-110)(42-19)		15/120	—	Moscow, Russia	U.S.S.R.		
		7.5	—	Kampala	Uganda		
7-115	42-16	15/240	—	Peking	China		
		50	—	Leopoldville	Congo		
7-120	42-13	20/100	VUD	Delhi	India		
		50	—	Sebaa Aioun	Morocco		
		50	—	Rangoon	Burma		
		—	—	Limassol	Cyprus		
		100	ETLF	Addis Ababa	Ethiopia		
		10/100	VUB	Bombay	India		
		20/100	VUD	Delhi	India		
		10	YDU6	Denpassar, Bali	Indonesia		
		7.5/100	—	Tebrau, Malaya	Malaysia		
		35/100	—	Tangier (V.o.A.)	Morocco		
		50/100	GRM	Overseas Service*	U.K.		
		7-125	42-11	15/120	—	Lwow, Ukraine	U.S.S.R.
50	—			Moscow, Russia	U.S.S.R.		
50	—			Rangoon	Burma		
18	—			Conakry	Guinea Rep.		
20/100	VUD			Delhi	India		
2	—			Ranchi	India		
5	ZGW89			Langata	Kenya		
35/100	—			Tangier (V.o.A.)	Morocco		
10/100	—			Lopik-IJsselstein	Netherlands		
7.5/100	—			Warsaw	Poland		
35/100	—			Okinawa (V.o.A.)	Ryukyu Is.		
5	—			Erivan, Armenia	U.S.S.R.		
7-130	42-07	—	—	Limassol	Cyprus		
		100	—	Podebrady	Czechoslovakia		
		—	—	Berlin	Germany (East)		
		20/50	—	Lampertheim (R.L.)	Germany (W.)		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		10/50	APK	Karachi	Pakistan		
		10	—	Peshawar	Pakistan		
		100	CSA55	Lisbon	Portugal		
		50/100	—	Overseas Service*	U.K.		
		—	—	Minsk, Byelorussia	U.S.S.R.		
		7-135	42-05	100	—	Teheran	Iran
				10/100	—	Abidjan	Ivory Coast
7.5/100	—			Tebrau, Malaya (B.B.C.)	Malaysia		
30	3AM4			Monte Carlo	Monaco		
35/100	—			Tangier (V.o.A.)	Morocco		
4/30	—			Niamey	Niger		
7-140	42-02	50	—	Malolos, Luzon (V.o.A.)	Philippines		
		15/120	—	Moscow, Russia	U.S.S.R.		
		—	—	Limassol	Cyprus		
		50/100	—	Cairo	Egypt		
		20/100	VUD	Delhi	India		
		10	—	Hyderabad	India		
		1	YDR2	Ambon, Moluccas	Indonesia		
		7.5	APD	Dacca	Pakistan		
		50/100	—	Overseas Service*	U.K.		
		15	—	Alma Ata, Kazakh	U.S.S.R.		
		—	—	Minsk, Byelorussia	U.S.S.R.		
		—	—	Riga, Latvia	U.S.S.R.		

Mc/s	Metres	kW	Call	Station and Country			
7·145	41·99	1	—	Vientiane	Laos		
		10	—	Kuala Lumpur, Malaya	Malaysia		
		50	—	Bamako	Mali		
7·150	41·96	7·5/100	—	Warsaw	Poland		
		5/50	—	Brazzaville	Congo		
		20/100	—	Jülich	Germany (West)		
		10	—	Gauhati, Assam	India		
		5	ZGW90	Langata	Kenya		
		50	—	Mogadishu	Somali		
		50/100	GRT	Overseas Service*	U.K.		
7·155	41·93	15/120	—	Moscow, Russia	U.S.S.R.		
		1/50	—	Vienna	Austria		
		10/100	VUB	Bombay	India		
		20/100	VUD	Delhi	India		
		100	—	Amman	Jordan		
		4	FIQA	Tananarive	Madagascar		
		35/100	—	Tangier (V.o.A.)	Morocco		
		7·5/100	—	Warsaw	Poland		
		100	—	Bucharest	Rumania		
		35	—	Okinawa (V.o.A.)	Ryukyu Is.		
		7·160	41·90	1	CR6RB	Nova Lisboa	Angola
100	—			Allouis	France		
20/100	—			Jülich	Germany (West)		
10	—			Bhopal	India		
10/100	—			Madras	India		
20	—			Kuching, Sarawak	Malaysia		
35/100	—			Tangier (V.o.A.)	Morocco		
100	—			Lisbon	Portugal		
35/100	—			Okinawa (V.o.A.)	Ryukyu Is.		
1	—			Bangkok	Thailand		
—	—			Krasnoyarsk, Russia	U.S.S.R.		
—	—			Leningrad, Russia	U.S.S.R.		
—	—			Lwow, Ukraine	U.S.S.R.		
7·165	41·87			20/100	VUD	Delhi	India
				100	—	Beida	Libya
		5	—	Kathmandu	Nepal		
		10/100	—	Lopik-IJsselstein	Netherlands		
		10	—	Enugu	Nigeria		
		20/100	—	Lagos	Nigeria		
		20	—	Dar-es-Salaam	Tanganyika		
		1	—	Bangkok	Thailand		
		5	—	Tashkent, Uzbek	U.S.S.R.		
		7·170	41·84	50	—	Algiers	Algeria
15/240	—			Peking	China		
100	—			Allouis	France		
20/50	—			Lampertheim (R.L.)	Germany (W.)		
20/100	VUD			Delhi	India		
22·5	—			Singapore, Malaya	Malaysia		
35/100	—			Tangier (V.o.A.)	Morocco		
7·5/100	—			Warsaw	Poland		
4	—			Dakar	Senegal		
50/100	—			Overseas Service*	U.K.		
20	—			Khabarovsk, Russia	U.S.S.R.		
15/120	—			Moscow, Russia	U.S.S.R.		
20	—			Vladivostok, Russia	U.S.S.R.		

Mc/s	Metres	kW	Call	Station and Country
7-175	41-81	4/50	—	Brazzaville Congo
		50	—	Leopoldville Congo
		7-5/100	—	Djakarta, Java Indonesia
		—	—	Caltanissetta Italy
		50	—	Malolos, Luzon (V.o.A.) Philippines
7-180	41-78	35/100	—	Poro (V.o.A.) Philippines
		2-5/20	—	Gwelo Southern Rhodesia
		15/240	—	Peking China
		50/100	—	Cairo Egypt
		1/50	BEG22	Taipei Formosa
		50/100	—	Baghdad Iraq
		5	VQA54	Jesselton, North Borneo Malaysia
		35/100	—	Tangier (V.o.A.) Morocco
		100	OLR	Podebrady Czechoslovakia
		100	ETLF	Addis Ababa Ethiopia
7-185	41-75	20/100	VUD	Delhi India
		100	3AM5	Monte Carlo Monaco
		20	—	Paradys South Africa
		50/100	GRK	Overseas Service* U.K.
		15/120	—	Moscow, Russia U.S.S.R.
		—	—	Sverdlovsk, Russia U.S.S.R.
		10	—	Lyndhurst, Victoria Australia
		100	—	Shepparton, Victoria Australia
		7-5	—	Colombo Ceylon
		30	—	Cotonou Dahomey
7-190	41-72	20/100	VUD	Delhi India
		50	4XB49	Tel Aviv Israel
		50/100	—	Overseas Service* U.K.
		50/100	—	Tokio Japan
		50	—	Monrovia (V.o.A.) Liberia
		100	—	Bucharest Rumania
		15/120	—	Moscow, Russia U.S.S.R.
		5/8	—	Kampala Uganda
		50	—	Kabul Afghanistan
		4	—	Vienna Austria
7-200	41-67	1/50	BEC76	Taipei Formosa
		75/100	—	Munich (V.o.A.) Germany (West)
		10	—	Kuala Lumpur, Malaya Malaysia
		35/100	—	Tangier (V.o.A.) Morocco
		10/50	APK	Karachi Pakistan
		7-5/100	—	Warsaw Poland
		7-5/20	—	Omdurman Sudan
		50/100	GWZ	Overseas Service* U.K.
		15/120	—	Moscow, Russia U.S.S.R.
		—	—	Tiflis, Georgia U.S.S.R.
		100	—	Belgrade Yugoslavia
		30	—	Yaounde Cameroon
		15/240	—	Peking China
		50/100	—	Cairo Egypt
		20/100	—	Jülich Germany (West)
35	—	Salonika (V.o.A.) Greece		
35/100	—	Tangier (V.o.A.) Morocco		
5	CR7RB	Beira Mozambique		
5	—	Lagos Nigeria		
15/120	—	Moscow, Russia U.S.S.R.		



Mc/s	Metres	kW	Call	Station and Country	
(7.205)	(41.64)	1	—	Hue	Vietnam (South)
7.210	41.61	0.25/10	VUC	Calcutta	India
		5	YDH3	Semarang, Java	Indonesia
		50/100	—	Baghdad	Iraq
		10	ZGW91	Langata	Kenya
		5	—	Lourenço Marques	Mozambique
		10/100	—	Lopik-IJsselstein	Netherlands
		4/25	—	Dakar	Senegal
		100	—	Hörby	Sweden
		100	HEI3	Schwarzenburg	Switzerland
		50/100	GWL	Overseas Service*	U.K.
		—	—	Irkutsk, Russia	U.S.S.R.
7.213	41.59	100	—	Budapest	Hungary
7.215	41.58	50/100	—	Cairo	Egypt
		1/50	BEC27	Taipei	Formosa
		—	—	Berlin	Germany (East)
		5	—	Abidjan	Ivory Coast
		35/100	—	Tangier (V.o.A.)	Morocco
		100	—	Hörby	Sweden
7.220	41.55	50/100	VLA/D	Shepparton, Victoria	Australia
		30	—	Bangui	Central African Rep.
		20/50	—	Lampertheim (R.L.)	Germany (W.)
		7.5/100	YDF5	Djakarta, Java	Indonesia
		35/100	—	Tangier (V.o.A.)	Morocco
		20	ZQP	Lusaka	Northern Rhodesia
		35/100	—	Poro (V.o.A.)	Philippines
		50	—	Riyadh	Saudi Arabia
		50/100	—	Overseas Service*	U.K.
7.225	41.52	1/50	—	Taipei	Formosa
		20/100	VUD	Delhi	India
		10	—	Sebaa Aioun	Morocco
		1	APL	Lahore	Pakistan
		35/100	—	Poro (V.o.A.)	Philippines
		100	—	Bucharest	Rumania
7.230	41.49	1/50	OEI38	Vienna	Austria
		10	—	Bosnek, Biak	Dutch New Guinea
		1/50	—	Taipei	Formosa
		20/100	VUD	Delhi	India
		5	JKH	Tokio	Japan
		2/100	—	Bocaué, Luzon	Philippines
		100	—	Bucharest	Rumania
		20	—	Paradys	South Africa
		1	HSQ	Bangkok	Thailand
		25	—	Ougadougou	Upper Volta
		50/100	GSW	Overseas Service*	U.K.
		—	—	Lwow, Ukraine	U.S.S.R.
		—	—	Riga, Latvia	U.S.S.R.
		25/100	—	Vatican City	Vatican State
7.235	41.47	100	OLR	Podebrady	Czechoslovakia
		100	ETLF	Addis Ababa	Ethiopia
		20/100	—	Jülich	Germany (West)
		20/100	VUD	Delhi	India
		50/100	—	Rome	Italy
		50	—	Monrovia (V.o.A.)	Liberia
		35/100	—	Tangier (V.o.A.)	Morocco

Mc/s	Metres	kW	Call	Station and Country			
(7-235)(41-47)		2/100	—	Bocaué, Luzon	Philippines		
		35/100	—	Okinawa (V.o.A.)	Ryukyu Is.		
7-240	41-44	25/100	—	Vatican City	Vatican State		
		4	—	Garoua	Cameroon		
		100	ETLL	Addis Ababa	Ethiopia		
		100	—	Allouis	France		
		—	—	Berlin	Germany (East)		
		20/100	VUD	Delhi	India		
		20	YDP3	Medan, Sumatra	Indonesia		
		10	ZGW92	Langata	Kenya		
		35/100	—	Tangier (V.o.A.)	Morocco		
		2/100	—	Bocaué, Luzon	Philippines		
		50/100	—	Overseas Service*	U.K.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		25/100	—	Vatican City	Vatican State		
		7-245	41-41	1	CR6RE	Malange	Angola
				4	OEI22	Vienna	Austria
				20/50	—	Lampertheim (R.L.)	Germany (W.)
				100	—	Budapest	Hungary
4	—			Nouakchott	Mauritania		
30	—			Monte Carlo	Monaco		
4	—			St. Denis	Reunion Is.		
15/120	—			Moscow, Russia	U.S.S.R.		
12	—			Saigon	Vietnam (South)		
7-250	41-38			1/50	—	Taipei	Formosa
		75/100	—	Munich (V.o.A.)	Germany (West)		
		20/100	VUD	Delhi	India		
		50	—	Monrovia (V.o.A.)	Liberia		
		15	—	Singapore, Malaya	Malaysia		
		35/100	—	Tangier (V.o.A.)	Morocco		
		7-5	—	Lourenço Marques	Mozambique		
		7-5/10	APD	Dacca	Pakistan		
		50/100	GW1	Overseas Service*	U.K.		
		15/120	—	Moscow, Russia	U.S.S.R.		
7-255	41-35	25/100	HVJ	Vatican City	Vatican State		
		5	—	Sofia	Bulgaria		
		1/50	—	Taipei	Formosa		
		20/100	VUD	Delhi	India		
		20	YDJ2	Djokjakarta, Java	Indonesia		
		100	3AM5	Monte Carlo	Monaco		
		35/100	—	Tangier (V.o.A.)	Morocco		
		5	—	Lagos	Nigeria		
		—	—	Irkutsk, Russia	U.S.S.R.		
		40	—	Kiev, Ukraine	U.S.S.R.		
7-260	41-32	5/8	—	Kampala	Uganda		
		4	—	Dzaoudzi	Comoro Isles		
		1/50	—	Taipei	Formosa		
		10/100	VUM	Madras	India		
		100	3AM5	Monte Carlo	Monaco		
		50/100	GSU	Overseas Service*	U.K.		
		20	—	Vladivostok, Russia	U.S.S.R.		
		25/100	—	Vatican City	Vatican State		
		7-265	41-29	1/10	—	Luanda	Angola
				50	—	Leopoldville	Congo
1-5	—			Bad Durrheim	Germany (West)		

Mc/s	Metres	kW	Call	Station and Country			
7-265	41-29	100	3AM5	Monte Carlo	Monaco		
		7.5/100	—	Lourenço Marques	Mozambique		
		100	—	Lomé	Togoland		
		15/120	—	Moscow, Russia	U.S.S.R.		
		12	—	Saigon	Vietnam (South)		
		7-270	41-27	15/240	—	Peking	China
				1/50	—	Taipei	Formosa
				4	—	Libreville	Gabon
				—	—	Berlin	Germany (East)
				7.5/100	YDB3	Djakarta, Java	Indonesia
7-275	41-25	50/100	—	Baghdad	Iraq		
		20	—	Kuching, Sarawak	Malaysia		
		35/100	—	Tangier (V.o.A.)	Morocco		
		7.5/100	—	Warsaw	Poland		
		20	—	Paradys	South Africa		
		12	SBO	Motala	Sweden		
		5	—	Erivan, Armenia	U.S.S.R.		
		25/100	HVJ	Vatican City	Vatican State		
		35	—	Colombo	Ceylon		
		20/100	VUD	Delhi	India		
		50/100	—	Rome	Italy		
		7.5	—	Benghazi	Libya		
		35/100	—	Tangier (V.o.A.)	Morocco		
		2.5	—	Kaduna	Nigeria		
		7-280	41-21	50	APK	Karachi	Pakistan
20	—			Paradys	South Africa		
1	—			Bangkok	Thailand		
25	—			Komsomolsk, Russia	U.S.S.R.		
1/50	BEC24			Taipei	Formosa		
100	—			Allouis	France		
20/100	—			Jülich	Germany (West)		
10	—			Gauhati, Assam	India		
5	—			Tananarive	Madagascar		
10	ZHP5			Kuala Lumpur, Malaya	Malaysia		
7-285	41-18	10	—	Peshawar	Pakistan		
		10	—	Dar-es-Salaam	Tanganyika		
		50/100	GWN	Overscas Service*	U.K.		
		20	—	Khabarovsk, Russia	U.S.S.R.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		—	—	Berlin	Germany (East)		
		5	JKI	Tokio	Japan		
		4/50	—	Bamako	Mali		
		1	—	Ibadan	Nigeria		
		10	—	Lusaka	Northern Rhodesia		
7-290	41-15	7.5/10	APD	Dacca	Pakistan		
		10/50	APK	Karachi	Pakistan		
		50	—	Malolos, Luzon (V.o.A.)	Philippines		
		7.5/100	—	Warsaw	Poland		
		100	TAS	Ankara	Turkey		
		20	—	Khabarovsk, Russia	U.S.S.R.		
		50	—	Algiers	Algeria		
		50	—	Sofia	Bulgaria		
		2.5	ETAA	Addis Ababa	Ethiopia		
		—	—	Berlin	Germany (East)		
20/100	—	Jülich	Germany (West)				

Mc/s	Metres	kW	Call	Station and Country	
(7-290)	(41-15)	20/100	VUD	Delhi	India
		50/100	—	Rome	Italy
		100	3AM5	Monte Carlo	Monaco
		1	—	Bangkok	Thailand
7-295	41-12	15/120	—	Moscow, Russia	U.S.S.R.
		5	—	Berlin	Germany (East)
		100	—	Tema	Ghana
		20/100	VUD	Delhi	India
		20	YDQ3	Macassar, Celebes	Indonesia
		5	ZGW78	Kisumu	Kenya
		10/50	APK	Karachi	Pakistan
		7-5/100	—	Warsaw	Poland
		1	—	Blagoveshchensk, Russia	U.S.S.R.
		—	—	Novosibirsk, Russia	U.S.S.R.
7-296	41-11	7-5	—	Athens	Greece
7-300	41-10	—	—	Berlin	Germany (East)
		10/50	APK	Karachi	Pakistan
7-302	41-09	100	3AM5	Novosibirsk, Russia	U.S.S.R.
		—	—	Monte Carlo	Monaco
7-305	41-07	15/240	—	Peking	China
		7-5/100	—	Warsaw	Poland
		15/120	—	Moscow, Russia	U.S.S.R.
7-310	41-04	40	—	Kiev, Ukraine	U.S.S.R.
7-315	41-01	15/240	—	Peking	China
		15/120	—	Moscow, Russia	U.S.S.R.
7-320	40-98	50/100	—	Overseas Service*	U.K.
		40	—	Kiev, Ukraine	U.S.S.R.
		—	—	Minsk, Byelorussia	U.S.S.R.
7-325	40-96	—	—	Lanchow	China
		50/100	GRJ	Overseas Service*	U.K.
		15/120	—	Moscow, Russia	U.S.S.R.
7-330	40-93	40	—	Kiev, Ukraine	U.S.S.R.
7-335	40-90	15/240	—	Peking	China
		15/120	—	Moscow, Russia	U.S.S.R.
7-340	40-87	1/50	BEC22	Taipei	Formosa
		2	—	Baku, Azerbaijan	U.S.S.R.
		15/120	—	Moscow, Russia	U.S.S.R.
7-345	40-85	100	OLR	Podebrady	Czechoslovakia
7-350	40-82	15/240	—	Peking	China
		15/120	—	Moscow, Russia	U.S.S.R.
7-357	40-78	100	—	Beirut	Lebanon
7-360	40-76	15/120	—	Moscow, Russia	U.S.S.R.
7-365	40-73	5	—	Ulan Bator, Mongolia	U.S.S.R.
7-370	40-71	40	—	Kiev, Ukraine	U.S.S.R.
7-380	40-65	—	—	Minsk, Byelorussia	U.S.S.R.
		15/120	—	Moscow, Russia	U.S.S.R.
7-385	40-62	—	—	Urumchi	China
7-390	40-60	15/120	—	Moscow, Russia	U.S.S.R.
7-395	40-57	15/120	—	Moscow, Russia	U.S.S.R.
7-399	40-54	20	—	Damascus	Syria
7-400	40-54	40	—	Kiev, Ukraine	U.S.S.R.
7-420	40-43	15/120	—	Moscow, Russia	U.S.S.R.
7-440	40-32	15/120	—	Moscow, Russia	U.S.S.R.
7-480	40-11	15/240	—	Peking	China
7-500	40-00	15/240	—	Peking	China

Mc/s	Metres	kW	Call	Station and Country	
7-600	39-47	50/200	—	Madrid	Spain
7-620	39-37	15/240	—	Peking	China
7-625	39-34	1	—	Erzurum	Turkey
7-660	39-16	15/240	—	Peking	China
7-670	39-11	5	—	Sofia	Bulgaria
7-700	38-96	15/240	—	Peking	China
7-851	38-21	3	ZAA	Tirana	Albania
7-865	38-14	7.5/100	—	Warsaw	Poland
7-925	37-85	15/120	—	Moscow, Russia	U.S.S.R.
7-936	37-81	10	HLK52	Seoul	Korea (South)
7-990	37-55	1	EPU3	Ahwaz	Iran
8-008	37-46	2	FXE	Beirut	Lebanon
8-215	36-52	3	—	Scutari	Albania
8-660	34-64	15/240	—	Peking	China
9-009	33-31	50	4XB31	Tel Aviv	Israel
9-020	33-26	15/240	—	Peking	China
9-025	33-24	1	COBZ	Havana	Cuba
9-064	33-10	15/240	—	Peking	China
9-150	32-79	15/120	—	Moscow, Russia	U.S.S.R.
9-170	32-72	15/240	—	Peking	China
9-180	32-68	15/240	—	Peking	China
9-210	32-57	15/120	—	Moscow, Russia	U.S.S.R.
9-250	32-43	100	—	Al Kuwait	Kuwait
		15	—	Alma Ata, Kazakh	U.S.S.R.
9-350	32-09	1	OAX6E	Arequipa	Peru
9-360	32-05	40	—	Madrid	Spain
9-362	32-04	1	COBC	Havana	Cuba
9-370	32-02	40	—	Madrid	Spain
9-375	32-00	20	—	Khabarovsk, Russia	U.S.S.R.
9-380	31-98	100	—	Madrid	Spain
		15	—	Alma Ata, Kazakh	U.S.S.R.
9-385	31-97	15/240	—	Peking	China
9-386	31-96	3	—	Tirana	Albania
9-390	31-95	15/240	—	Peking	China
9-402	31-91	50/100	—	Cairo	Egypt
9-410	31-88	50/100	GRI	Overseas Service*	U.K.
9-440	31-78	10	CP38	La Paz	Bolivia
9-453	31-74	2	OAX4W	Lima	Peru
9-456	31-72	15/240	—	Peking	China
		50/100	—	Cairo	Egypt
9-468	31-69	—	—	Urumchi	China
9-470	31-68	15/240	—	Peking	China
		1	OAX8E	Iquitos	Peru
		15/120	—	Moscow, Russia	U.S.S.R.
9-472	31-67	50	—	Sebaa Aïoun	Morocco
9-475	31-66	50/100	—	Cairo	Egypt
		15/120	—	Moscow, Russia	U.S.S.R.
9-480	31-65	15/240	—	Peking	China
		15/120	—	Moscow, Russia	U.S.S.R.
9-485	31-63	50	HI3U	Ciudad Trujillo	Dominican Rep.
9-490	31-61	15/120	—	Moscow, Russia	U.S.S.R.
9-493	31-60	50/100	—	Cairo	Egypt
9-500	31-58	1	—	Arica	Chile
		5	CE950	Santiago	Chile
		—	—	Lhasa, Tibet	China

Mc/s	Metres	kW	Call	Station and Country			
(9·500)(31·58)		50/100	—	Cairo	Egypt		
		20	—	Sabboura	Syria		
		50	—	Tunis	Tunisia		
		—	—	Magadan, Russia	U.S.S.R.		
9·502	31·58	1	CR6RF	Benguela	Angola		
9·505	31·57	5	CP38	La Paz	Bolivia		
		5	PRB22	Sao Paulo	Brazil		
		100	OLR3B	Podebrady	Czechoslovakia		
		50	HI4U	Santo Domingo	Dominican Rep.		
		10/20	—	Addis Ababa	Ethiopia		
		1/50	BEC24	Taipei	Formosa		
		20/100	VUD	Delhi	India		
		50/100	JBD	Tokio	Japan		
		7·5/100	—	Warsaw	Poland		
		2·5/20	—	Gwelo	Southern Rhodesia		
		7·5	—	Omdurman	Sudan		
		10	YUC	Belgrade	Yugoslavia		
		9·510	31·55	15/240	—	Peking	China
				10/50	APK	Karachi	Pakistan
				100	—	Bucharest	Rumania
				7·5/20	—	Omdurman	Sudan
				1	—	Bangkok	Thailand
				50/100	GSB	Overseas Service*	U.K.
				—	—	Kazan, Tartar	U.S.S.R.
4	YVXJ			Barquisimeto	Venezuela		
9·515	31·53			100	OLR	Podebrady	Czechoslovakia
				—	—	Caltanissetta	Italy
				4	—	Tananarive	Madagascar
				10	—	Kuala Lumpur, Malaya	Malaysia
		10	XEWW	Mexico City	Mexico		
		10/50	APK	Karachi	Pakistan		
		100	TAT	Ankara	Turkey		
		10	CXA71	Montevideo	Uruguay		
		9·520	31·51	100	—	Colombo	Ceylon
				50	OZF5	Copenhagen	Denmark
				20/100	—	Jülich	Germany (West)
				35	—	Salonika (V.o.A.)	Greece
20/100	VUD			Delhi	India		
10	—			Al Kuwait	Kuwait		
35/100	—			Tangier (V.o.A.)	Morocco		
2	VLT9			Port Moresby	Papua		
50	WBOU			Bound Brook, N.J.	U.S.A.		
50/80	WRUL			Boston, Mass.	U.S.A.		
50/500	—			Greenville, N. Carolina	U.S.A.		
				—	—	Leningrad, Russia	U.S.S.R.
		5	—	St. Georges, Grenada	Windward Is.		
		9·521	31·51	1	OAX4J	Lima	Peru
				20	—	Paradys	South Africa
		9·523	31·50	1/50	—	Vienna	Austria
				50	—	Copenhagen	Denmark
		9·525	31·50	50/100	JOB9	Tokio	Japan
				10	—	Mexico City	Mexico
				35/100	—	Tangier (V.o.A.)	Morocco
				10/100	—	Lopik-IJsselstein	Netherlands
7·5/100	—			Warsaw	Poland		

Mc/s	Metres	kW	Call	Station and Country			
(9-525)	(31-50)	10	—	Sabboura	Syria		
		50/100	GWJ	Overseas Service*	U.K.		
9-530	31-48	110	WLWO	Cincinnati, Ohio	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		20/100	VUD	Delhi	India		
		10/100	—	Tokio	Japan		
		100	—	Amman	Jordan		
		10	—	Dar-es-Salaam	Tanganyika		
		50/100	—	Overseas Service*	U.K.		
		50	WBOU	Bound Brook, N.J.	U.S.A.		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		—	—	Leningrad, Russia	U.S.S.R.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		1	YVMC	Maracaibo	Venezuela		
		9-535	31-46	10/100	—	Tokio	Japan
10	—			Mexico City	Mexico		
100	—			Lagos	Nigeria		
1	DZ12			Manila, Luzon	Philippines		
35/100	—			Poro (V.o.A.)	Philippines		
100	HER4			Schwarzenburg	Switzerland		
—	—			Novosibirsk, Russia	U.S.S.R.		
10/100	—			Shepparton, Victoria	Australia		
9-540	31-44	10	—	Elizabethville	Congo		
		—	—	Berlin	Germany (East)		
		100	—	Amman	Jordan		
		35/100	—	Tangier (V.o.A.)	Morocco		
		7.5	ZL2	Wellington	New Zealand		
		7.5/100	—	Warsaw	Poland		
		1	YSV	San Salvador	Salvador		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		50	WDS1	Wayne, N.J.	U.S.A.		
		50	—	Petropavlovsk, Russia	U.S.S.R.		
		25/100	—	Vatican City	Vatican State		
		9-543	31-44	4	—	Vienna	Austria
7.5	ZYS43			Curityba	Brazil		
9-545	31-43	4/50	FZL	Brazzaville	Congo		
		50/100	—	Cairo	Egypt		
		20/100	—	Jülich	Germany (West)		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		100	—	Tema	Ghana		
		1.5	—	Port au Prince	Haiti		
		100	—	Beirut	Lebanon		
		10/50	APK	Karachi	Pakistan		
		35/100	—	Okinawa (V.o.A.)	Ryukyu Is.		
		100	HER5	Schwarzenburg	Switzerland		
		75/200	WLWO	Cincinnati, Ohio	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		9-550	31-41	15/240	—	Peking	China
				100	OLR3A	Podebrady	Czechoslovakia
—	—			Berlin	Germany (East)		
10/100	VUB			Bombay	India		
10/100	—			Tokio	Japan		

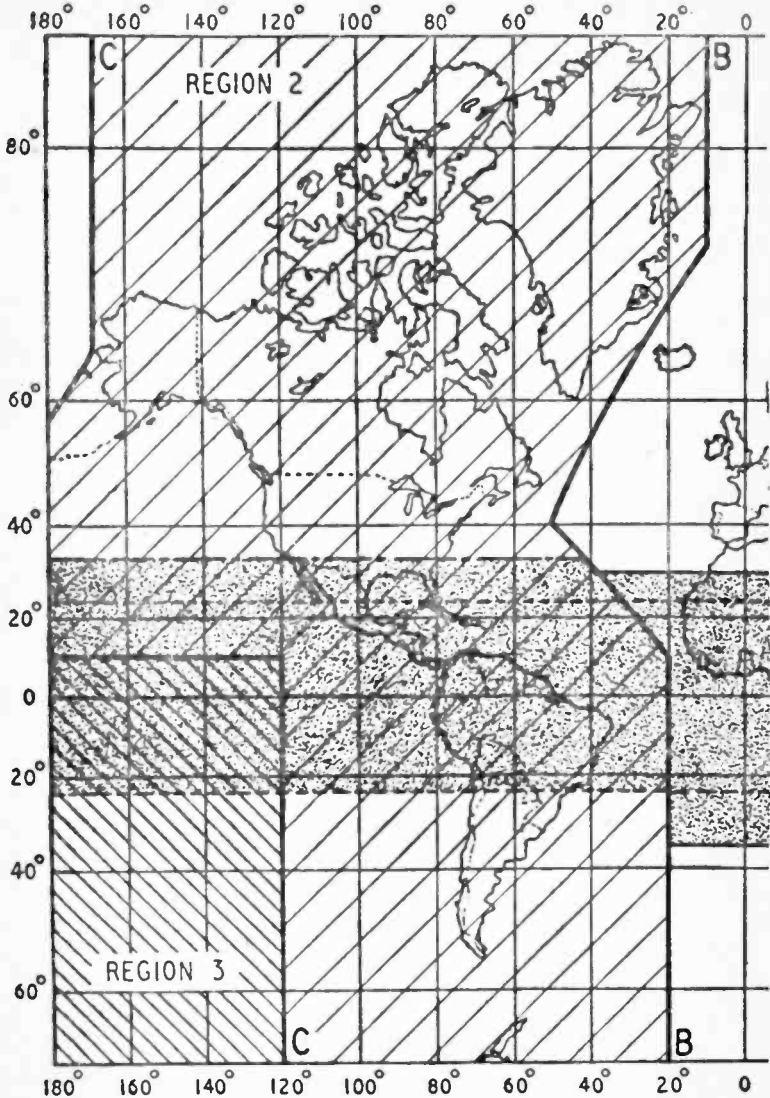
Mc/s	Metres	kW	Call	Station and Country			
(9-550)	(31-41)	10/100	LLD	Tromsø	Norway		
		2	OAX1Z	Tumbes	Peru		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		5	—	St. Georges, Grenda	Windward Is.		
9-552	31-41	5	YSS	San Salvador	Salvador		
9-555	31-40	10	CP6	La Paz	Bolivia		
		10	—	Pori	Finland		
		50	—	Baghdad	Iraq		
		7-5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia		
		35/100	—	Tangier (V.o.A.)	Morocco		
		10	—	Ibadan	Nigeria		
		20	—	Damascus	Syria		
		50/100	—	Overseas Service*	U.K.		
		50/80	WRUL	Boston, Mass.	U.S.A.		
		—	—	Orenburg, Russia	U.S.S.R.		
		9-560	31-38	120	—	Sofia	Bulgaria
				100	—	Colombo	Ceylon
		100	—	Addis Ababa	Ethiopia		
		100	—	Allouis	France		
		—	—	Berlin	Germany (East)		
		100	—	Amman	Jordan		
		100	—	Beida	Libya		
		35/100	—	Tangier (V.o.A.)	Morocco		
		4/25	—	Dakar	Senegal		
		50/100	—	Overseas Service*	U.K.		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		9-565	31-37	5/8	—	Kampala	Uganda
				15/240	—	Peking	China
				100	—	Havana	Cuba
				20/50	—	Lampertheim (R.L.)	Germany (West)
15/100	—			Budapest	Hungary		
20/100	VUD			Delhi	India		
100	—			Beida	Libya		
20	—			Kuching, Sarawak	Malaysia		
10	—			Mexico City	Mexico		
40	OAX4R			Lima	Peru		
50	—			Malolos, Luzon (V.o.A.)	Philippines		
9-570	31-35			15/120	—	Moscow, Russia	U.S.S.R.
		50	—	Kabul	Afghanistan		
		100	—	Shepparton, Victoria	Australia		
		15/240	—	Peking	China		
		10/100	—	Allouis	France		
		10	—	Jaji	Nigeria		
		10	—	Lusaka	Northern Rhodesia		
		100	—	Bucharest	Rumania		
		50/100	GWX	Overseas Service*	U.K.		
		50/200	KNBH	Dixon, Cal.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		9-575	31-35	10	YVOM	San Cristobal	Venezuela
50	ZYZ27			Rio de Janeiro	Brazil		
		100	ETLF	Addis Ababa	Ethiopia		
		20/100	—	Jülich	Germany (West)		
		20/100	VUD	Delhi	India		
		50/100	—	Rome	Italy		



Mc/s	Metres	kW	Call	Station and Country	
9.580	31.32	100	VLA/D	Shepparton, Victoria	Australia
		10/100	—	Tokio	Japan
		7.5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		7.5/100	—	Lourenço Marques	Mozambique
		35/100	—	Poro (V.o.A.)	Philippines
		50/100	GSC	Overseas Service*	U.K.
9.585	31.30	—	—	Kazan, Tartar	U.S.S.R.
		50	PRG9	Sao Paulo	Brazil
		50	CKLP	Sackville, N.B.	Canada
		4	—	Fort Lamy	Chad
		100	OLR3A	Podebrady	Czechoslovakia
		100	—	Allouis	France
9.590	31.28	50	YDF6	Djakarta, Java	Indonesia
		10/100	—	Kabul	Afghanistan
		10/100	—	Shepparton, Victoria	Australia
		10/100	VUM	Madras	India
		10/50	ELWA	Monrovia	Liberia
		5	—	Kathmandu	Nepal
9.595	31.26	10/100	PCJ	Lopik-IJsselstein	Netherlands
		100	—	Bucharest	Rumania
		50/100	—	Overseas Service*	U.K.
		50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Leningrad, Russia	U.S.S.R.
		15/120	—	Moscow, Russia	U.S.S.R.
		7.5	—	Kampala	Uganda
		50	—	Phnompenh	Cambodia
		15/240	—	Peking	China
		20/100	VUD	Delhi	India
		10	JOZ3	Tokio	Japan
		50	—	Monrovia (V.o.A.)	Liberia
100	—	Lagos	Nigeria		
35/100	—	Poro (V.o.A.)	Philippines		
50/500	—	Greenville, N. Carolina	U.S.A.		
10	CXA72	Montevideo	Uruguay		
9.598	31.25	2.5	CE960	Santiago	Chile
9.600	31.25	50	—	Kabul	Afghanistan
		10/100	—	Shepparton, Victoria	Australia
		20/100	VUD	Delhi	India
		50/100	APK	Karachi	Pakistan
		7.5/100	—	Warsaw	Poland
		50/100	GRY	Overseas Service*	U.K.
		50/200	KCBR	Delano, Cal.	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
		20	—	Vladivostok, Russia	U.S.S.R.
		9.605	31.24	5	CP22
100	OLR			Podebrady	Czechoslovakia
1/50	—			Taipei	Formosa
20/100	—			Jülich	Germany (West)
7.5	—			Athens	Greece
20/100	VUD			Delhi	India
10/100	—			Tokio	Japan
20	—			Paradys	South Africa
100	—			Hörby	Sweden
50/200	KCBR			Delano, Cal.	U.S.A.
15/120	—			Moscow, Russia	U.S.S.R.

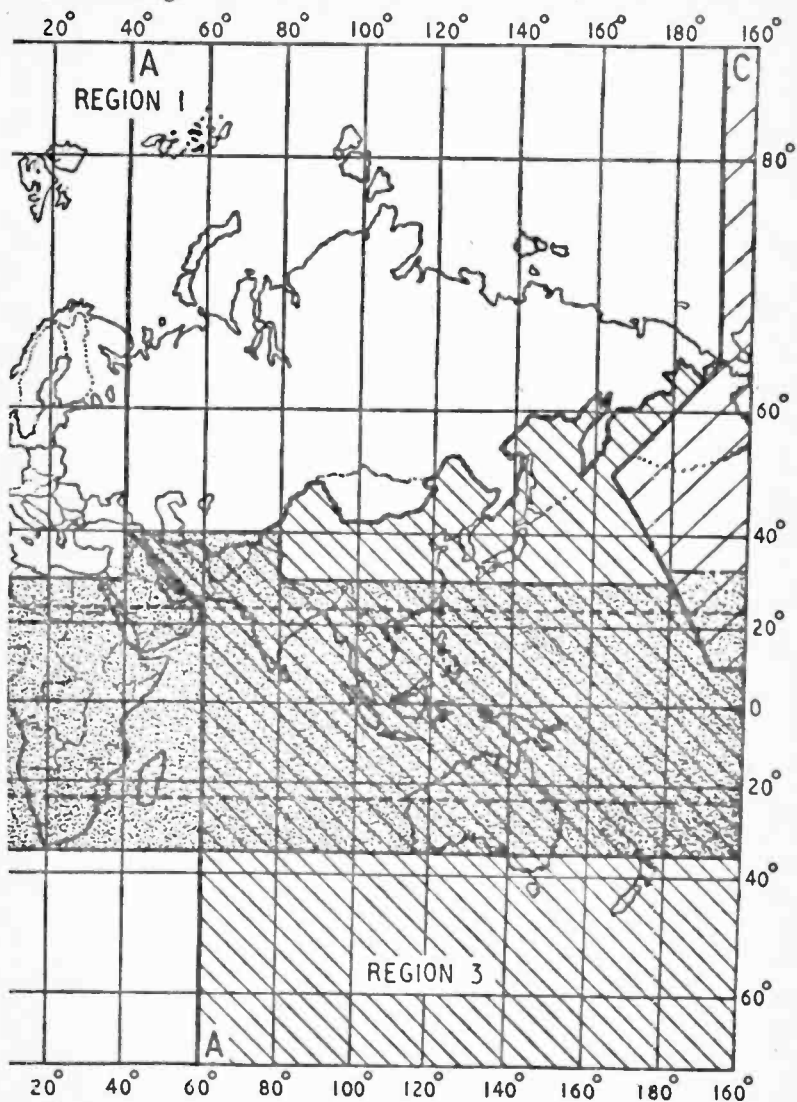
## BROADCASTING REGIONS

The three regions into which the world is divided for the purpose of Area is in Region 1 and lies between lines A and B down to the parallel short-wave bands (see list on page 30) are allocated for 'domestic'



# OF THE WORLD

frequency allocations are shown on this map. The European Broadcasting 30°N. The shaded area is the Tropical Zone in which frequencies in certain broadcasting.



Mc/s	Metres	kW	Call	Station and Country			
9-610	31-22	50	—	Kabul	Afghanistan		
		50	—	Algiers	Algeria		
		2/10	VLW/X	Perth, W. A.	Australia		
		4	OEI42	Vienna	Austria		
		25	ZYC8	Rio de Janeiro	Brazil		
		50	—	Leopoldville	Congo		
		100	—	Addis Ababa	Ethiopia		
		20/100	—	Jülich	Germany (West)		
		30	—	Nouakchott	Mauritania		
		5	ZERQ	Mexico City	Mexico		
		35/100	—	Tangier (V.o.A.)	Morocco		
		10/100	LLG	Fredrikstad	Norway		
		1	OAX8C	Iquitos	Peru		
		50/100	—	Overseas Service*	U.K.		
		50	—	Khabarovsk, Russia	U.S.S.R.		
		—	—	Novosibirsk, Russia	U.S.S.R.		
		9-615	31-20	1	CR6RI	Dondo	Angola
				4	—	Fort Lamy	Chad
				20/100	VUD	Delhi	India
				50	—	Monrovia (V.o.A.)	Liberia
35/100	—			Tangier (V.o.A.)	Morocco		
7.5	CR7BJ			Lourenço Marques	Mozambique		
7.5	APD			Dacca	Pakistan		
35/100	—			Poros (V.o.A.)	Philippines		
35/100	—			Okinawa (V.o.A.)	Ryukyu Is.		
100	—			Madrid	Spain		
50	WBOU			Bound Brook, N.J.	U.S.A.		
50/500	—			Greenville, N. Carolina	U.S.A.		
15/120	—			Moscow, Russia	U.S.S.R.		
3	TIDCR			San Jose	Costa Rica		
9-620	31-19			7.5	ZYR96	Sao Paulo	Brazil
		15/240	—	Peking	China		
		100	—	Allouis	France		
		20/100	VUD	Delhi	India		
		7	—	Teheran	Iran		
		35/100	—	Tangier (V.o.A.)	Morocco		
		35/100	—	Okinawa (V.o.A.)	Ryukyu Is.		
		100	—	Hörby	Sweden		
		50/200	KNBH	Dixon, Cal.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		20	CXA6	Montevideo	Uruguay		
		25/100	—	Vatican City	Vatican State		
		12	—	Saigon	Vietnam (South)		
		10	—	Belgrade	Yugoslavia		
		9-625	31-17	50	CKYU	Sackville, N.B.	Canada
100	—			Havana	Cuba		
20	—			Tel Aviv	Israel		
100	—			Beirut	Lebanon		
10	XEBT			Mexico City	Mexico		
1	OAX8K			Iquitos	Peru		
35/100	—			Poros (V.o.A.)	Philippines		
50/100	GWO			Overseas Service*	U.K.		
50/500	—			Greenville, N. Carolina	U.S.A.		
40	—			Kiev, Ukraine	U.S.S.R.		
9-630	31-15	1	CR6RL	Luanda	Angola		

Mc/s	Metres	kW	Call	Station and Country	
9-630	31-15	50	CKLO	Sackville, N.B.	Canada
		50/100	—	Cairo	Egypt
		75/100	—	Munich (V.o.A.)	Germany (West)
		20/100	VUD	Delhi	India
		50/100	—	Rome	Italy
		10/100	—	Lopik-IJsselstein	Netherlands
		2.5	—	Enugu	Nigeria
		50/200	KCBR	Delano, Cal.	U.S.A.
		—	—	Irkutsk, Russia	U.S.S.R.
		15/120	—	Moscow, Russia	U.S.S.R.
9-635	31-14	25	—	Kabul	Afghanistan
		7.5	ZYR83	Aparecida	Brazil
		5	—	Sofia	Bulgaria
		50/100	—	Cairo	Egypt
		35	—	Salonika (V.o.A.)	Greece
		20/100	VUD	Delhi	India
		100	—	Baghdad	Iraq
		50/100	—	Rome	Italy
		10	—	Penang, Malaya	Malaysia
		35/100	—	Tangier (V.o.A.)	Morocco
9-640	31-12	50	—	Malolos, Luzon (V.o.A.)	Philippines
		7.5/100	—	Warsaw	Poland
		100	CSA23	Lisbon	Portugal
		50/100	—	Overseas Service*	U.K.
		50	WDSI	Brentwood, N.Y.	U.S.A.
		50/200	KNBH	Dixon, Cal.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		20	—	Vladivostok, Russia	U.S.S.R.
		50	—	Leopoldville	Congo
		20/100	DMQ9	Jülich	Germany (West)
9-643	31-11	100	—	Tema	Ghana
		50	HLK5	Suwon	Korea (South)
		50	—	Monrovia (V.o.A.)	Liberia
		10	—	Sabboura	Syria
		50/100	GYZ	Overseas Service*	U.K.
		10	—	Achkhabad, Turkmenia	U.S.S.R.
		15	—	Alma Ata, Kazakh	U.S.S.R.
		15/120	—	Moscow, Russia	U.S.S.R.
		10	YVSC	Caracas	Venezuela
		50	APK	Karachi	Pakistan
9-645	31-10	7.5	ZYV40	Pocos de Caldas	Brazil
		2	TIFC	San Jose	Costa Rica
		10	—	Addis Ababa	Ethiopia
		50	—	Monrovia (V.o.A.)	Liberia
		10/100	LLH	Fredrikstad	Norway
		50	—	Bangkok	Thailand
		50/100	—	Overseas Service*	U.K.
		25/100	HVJ	Vatican City	Vatican State
		15/240	—	Peking	China
		7.5	ZJM8	Limassol	Cyprus
9-650	31-09	—	—	Berlin	Germany (East)
		100	—	Conakry	Guinea Rep.
		100	KRHK	Honolulu (V.o.A.)	Hawaii
		3	—	Jidda	Saudi Arabia
		20	—	Paradys	South Africa

Mc/s	Metres	kW	Call	Station and Country			
(9-650)(31-09)		50	WBOU	Bound Brook, N.J.	U.S.A.		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
9-655	31-07	4	OEI48	Vienna	Austria		
		10	—	Brasilia	Brazil		
		50	CKYS	Sackville, N.B.	Canada		
		100	—	Havana	Cuba		
		100	—	Budapest	Hungary		
		5	JKH2	Tokio	Japan		
		7.5	CR7BE	Lourenço Marques	Mozambique		
		2.5	—	Kaduna	Nigeria		
		50	—	Malolos, Luzon (V.o.A.)	Philippines		
		50	—	Bangkok	Thailand		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		9-660	31-06	25	LRX	Buenos Aires	Argentina
				10	VLM/Q	Brisbane, Queensland	Australia
				1/50	—	Taipei	Formosa
				20/50	—	Lampertheim (R.L.)	Germany (West)
10/100	—			Lopik-IJsselstein	Netherlands		
20	—			Paradys	South Africa		
100	—			Hörby	Sweden		
50/100	GWP			Overseas Service*	U.K.		
—	—			Minsk, Byelorussia	U.S.S.R.		
5	—			St. Georges, Grenada	Windward Is.		
9-665	31-04			1	CR6RD	Nova Lisboa	Angola
				10	—	Brasilia	Brazil
				100	ETLF	Addis Ababa	Ethiopia
				5	TGNB	Guatemala City	Guatemala
		10	—	Langata	Kenya		
		1	OAX8U	Iquitos	Peru		
		35/100	—	Okinawa (V.o.A.)	Ryukyu Is.		
		20	—	Paradys	South Africa		
		100	HEU3	Schwarzenburg	Switzerland		
		50/100	—	Overseas Service*	U.K.		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		50/200	KNBH	Dixon, Cal.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		5	—	Tashkent, Uzbek	U.S.S.R.		
9-670	31-02	100	—	Wavre	Belgium		
		7.5/100	—	Colombo	Ceylon		
		5	COCQ	Havana	Cuba		
		100	OLR3C	Podebrady	Czechoslovakia		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		5	TGNB	Guatemala City	Guatemala		
		20/100	VUD	Delhi	India		
		100	—	Abidjan	Ivory Coast		
		10/50	ELWA	Monrovia	Liberia		
		35/100	—	Tangier (V.o.A.)	Morocco		
		50	—	Riyadh	Saudi Arabia		
		5	—	Hargeisa	Somali		
		50/100	—	Overseas Service*	U.K.		
		50	WBOU	Bound Brook, N.J.	U.S.A.		
		110	WLWO	Cincinnati, Ohio	U.S.A.		

Mc/s	Metres	kW	Call	Station and Country	
(9-670)	(31-02)	50/500	—	Greenville, N. Carolina	U.S.A.
		5	—	St. Georges, Grenada	Windward Is.
9-675	31-01	1	CR6SG	Sa da Bandeira	Angola
		100	—	Havana	Cuba
		100	ETLF	Addis Ababa	Ethiopia
		1/50	—	Taipei	Formosa
		20/100	VUD	Delhi	India
		50/100	JOB3	Tokio	Japan
		7-5/100	—	Warsaw	Poland
		20/50	—	Playa de Pals (R.L.)	Spain
		50/100	GWT	Overseas Service*	U.K.
		—	—	Novosibirsk, Russia	U.S.S.R.
		5	—	Tashkent, Uzbek	U.S.S.R.
		5/100	—	Vatican City	Vatican State
9-680	30-99	10	VLG/H	Lyndhurst, Victoria	Australia
		100	—	Podebrady	Czechoslovakia
		100	ETLF	Addis Ababa	Ethiopia
		100	—	Allouis	France
		20/100	VUD	Delhi	India
		50	—	Tel Aviv	Israel
		2	—	Beirut	Lebanon
		1	XEQQ	Mexico City	Mexico
		35/100	—	Tangier (V.o.A.)	Morocco
		10/50	APK	Karachi	Pakistan
		100	CSA25	Lisbon	Portugal
		50/100	—	Overseas Service*	U.K.
		5	—	Tashkent, Uzbek	U.S.S.R.
9-685	30-98	50	—	Kabul	Afghanistan
		50	—	Algiers	Algeria
		50	PRA6	Sao Paulo	Brazil
		50	XZK5	Rangoon	Burma
		50/100	—	Cairo	Egypt
		1/50	—	Taipei	Formosa
		20/100	—	Julich	Germany (West)
		15/120	—	Moscow, Russia	U.S.S.R.
9-690	30-96	10	LRA32	Buenos Aires	Argentina
		15/240	—	Peking	China
		1/50	—	Taipei	Formosa
		20/100	VUD	Delhi	India
		10	—	Goa	India
		4	—	Tananarive	Madagascar
		7-5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		100	—	Monte Carlo	Monaco
		35/100	—	Tangier (V.o.A.)	Morocco
		100	—	Lagos	Nigeria
		50/100	GRX	Overseas Service*	U.K.
		50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Novosibirsk, Russia	U.S.S.R.
9-693	30-95	7-5	ZYB22	Manaos	Brazil
9-695	30-94	50	—	Phnompenh	Cambodia
		100	ETLF	Addis Ababa	Ethiopia
		100	—	Budapest	Hungary
		50/100	—	Tokio	Japan
		100	—	Madrid	Spain
		50/100	—	Overseas Service*	U.K.

Mc/s	Metres	kW	Call	Station and Country	
(9-695)	(30-94)	50/80	WRUL	Boston, Mass.	U.S.A.
9-700	30-93	5	—	Sofia	Bulgaria
		10	CE970	Santiago	Chile
		10	—	Coquilhatville	Congo
		50	—	Leopoldville	Congo
		100	—	Beirut	Lebanon
		35/100	—	Tangier (V.o.A.)	Morocco
		35/50	—	Poro (V.o.A.)	Philippines
		50/100	GWY	Overseas Service*	U.K.
		50/200	KCBR	Delano, Cal.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Murmansk, Russia	U.S.S.R.
9-705	30-92	100	ORU	Wavre	Belgium
		10	ZYZ24	Rio de Janeiro	Brazil
		10	—	Addis Ababa	Ethiopia
		75/100	—	Munich (V.o.A.)	Germany (West)
		20/100	VUD	Delhi	India
		10/100	—	Tokio	Japan
		30	—	Monte Carlo	Monaco
		50/100	—	Overseas Service*	U.K.
		11G	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Irkutsk, Russia	U.S.S.R.
		25/100	—	Vatican City	Vatican State
9-708	30-90	100	—	Buenos Aires	Argentina
9-710	30-90	20/100	—	Wavre	Belgium
		35	—	Salonika (V.o.A.)	Greece
		100	—	Djakarta, Java	Indonesia
		50/100	—	Rome	Italy
		10	—	Forest Side	Mauritius
		100	3AM5	Monte Carlo	Monaco
		4	—	Niamey	Niger
		2/100	—	Bocau, Luzon	Philippines
		35/100	—	Poro (V.o.A.)	Philippines
		50/100	—	Overseas Service*	U.K.
		50/80	WRUL	Boston, Mass.	U.S.A.
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		20	—	Khabarovsk, Russia	U.S.S.R.
		40	—	Kiev, Ukraine	U.S.S.R.
		—	—	Lwow, Ukraine	U.S.S.R.
9-715	30-88	3	—	Tirana	Albania
		1	CP21	Sucre	Bolivia
		4/50	—	Brazzaville	Congo
		50/100	—	Cairo	Egypt
		35	—	Salonika (V.o.A.)	Greece
		100	—	Beirut	Lebanon
		10/100	—	Lopik-IJsselstein	Netherlands
		10/50	APK	Karachi	Pakistan
		2/100	—	Bocau, Luzon	Philippines
		35/100	—	Poro (V.o.A.)	Philippines
		110	WLWO	Cincinnati, Ohio	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
9-717	30-87	15/240	—	Peking	China
9-720	30-86	20/100	—	Wavre	Belgium



Mc/s	Metres	kW	Call	Station and Country			
9-720	(30-86)	50	PRL7	Rio de Janeiro	Brazil		
		1/50	—	Taipei	Formosa		
		20/100	VUD	Delhi	India		
		50	—	Monrovia (V.o.A.)	Liberia		
		35/100	—	Tangier (V.o.A.)	Morocco		
		4/25	—	Dakar	Senegal		
		50	—	Riyadh	Saudi Arabia		
		20	—	Paradys	South Africa		
		50/100	—	Overseas Service*	U.K.		
		50	WBOU	Bound Brook, N.J.	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		25/100	—	Vatican City	Vatican State		
		9-725	30-85	—	—	Berlin	Germany (East)
				50	—	Tel Aviv	Israel
100	—			Beirut	Lebanon		
7-5/100	—			Tebrau, Malaya (B.B.C.)	Malaysia		
100	3AM5			Monte Carlo	Monaco		
100	—			Hörby	Sweden		
110	WLWO			Cincinnati, Ohio	U.S.A.		
50/500	—			Greenville, N. Carolina	U.S.A.		
9-730	30-83			7-5	ZYO59	Porto Alegre	Brazil
				4/50	FZI	Brazzaville	Congo
				—	—	Berlin	Germany (East)
				50	—	Leipzig	Germany (East)
				10/100	VUB	Bombay	India
				10/100	—	Lopik-IJsselstein	Netherlands
				2/100	—	Bocau, Luzon	Philippines
		3	DZH7	Manila, Luzon	Philippines		
		50/200	KNBH	Dixon, Cal.	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		9-735	30-82	20/100	—	Wavre	Belgium
				15/240	—	Peking	China
				7-5	HI2T	Ciudad Trujillo	Dominican Rep.
				20/100	DMQ9	Jülich	Germany (West)
				10	—	Mexico City	Mexico
4/30	—			Niamey	Niger		
10	ZPA2			Asuncion	Paraguay		
50/100	GWF			Overseas Service*	U.K.		
50/200	KCBR			Delano, Cal.	U.S.A.		
40	—			Kiev, Ukraine	U.S.S.R.		
15/120	—			Moscow, Russia	U.S.S.R.		
5	—			St. Georges, Grenada	Windward Is.		
9-740	30-80			10	LRS1	Buenos Aires	Argentina
				50	CHFO	Sackville, N.B.	Canada
				20/100	VUD	Delhi	India
		50/100	—	Tokio	Japan		
		100	—	Amman	Jordan		
		35/100	—	Tangier (V.o.A.)	Morocco		
		10/50	APK	Karachi	Pakistan		
		100	CSA27	Lisbon	Portugal		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		—	—	Irkutsk, Russia	U.S.S.R.		
		25/100	—	Vatican City	Vatican State		

Mc/s	Metres	kW	Call	Station and Country			
9-745	30-79	100	ORU	Wavre	Belgium		
		7.5	ZYR57	Sao Paulo	Brazil		
		1/30	HCJB	Quito	Ecuador		
		1/50	BEC28	Taipei	Formosa		
		20/100	VUD	Delhi	India		
		4	—	Bamako	Mali		
		10	—	Mexico City	Mexico		
		10/100	—	Lopik-IJsselstein	Netherlands		
		20/100	—	Ankara	Turkey		
		10	—	Achkhabad, Turkmenia	U.S.S.R.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		9-750	30-77	50/100	—	Cairo	Egypt
				50	—	Monrovia (V.o.A.)	Liberia
				2.5	—	Lusaka	Northern Rhodesia
				2/100	—	Bocaué, Luzon	Philippines
100	CSA28			Lisbon	Portugal		
50/100	—			Overseas Service*	U.K.		
50	WBOU			Bound Brook, N.J.	U.S.A.		
110	WLWO			Cincinnati, Ohio	U.S.A.		
50/200	KCBR			Delano, Cal.	U.S.A.		
50/500	—			Greenville, N. Carolina	U.S.A.		
20	—			Vladivostok, Russia	U.S.S.R.		
5	—			St. Georges, Grenada	Windward Is.		
9-752	30-76			50	APK	Karachi	Pakistan
9-755	30-75			7.5	ZYA63	Goiana	Brazil
				50/100	—	Cairo	Egypt
		100	—	Allouis	France		
		35/100	—	Tangier (V.o.A.)	Morocco		
		10/100	—	Lopik-IJsselstein	Netherlands		
		50/100	—	Overseas Service*	U.K.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		25	—	Saigon	Vietnam (South)		
9-758	30-74	1	CR6SG	Luanda	Angola		
9-760	30-74	50	LRY1	Buenos Aires	Argentina		
		100	ETLF	Addis Ababa	Ethiopia		
		10	TGKW	Guatemala City	Guatemala		
		20/100	VUD	Delhi	India		
		10/100	—	Abidjan	Ivory Coast		
		100	—	Beirut	Lebanon		
		50	—	Monrovia (V.o.A.)	Liberia		
		35/100	—	Tangier (V.o.A.)	Morocco		
		10/50	APK	Karachi	Pakistan		
		7.5/100	—	Warsaw	Poland		
		100	—	Madrid	Spain		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		50	WDSI	Wayne, N.J.	U.S.A.		
		12	—	Hanoi	Vietnam (North)		
		9-765	30-72	1	CR6SE	Luanda	Angola
100	—			Havana	Cuba		
100	—			Podebrady	Czechoslovakia		
75/100	—			Munich (V.o.A.)	Germany (West)		
20/100	VUD			Delhi	India		
10/100	—			Tokio	Japan		
50/100	—			Overseas Service*	U.K.		
110	WLWO			Cincinnati, Ohio	U.S.A.		

Mc/s	Metres	kW	Call	Station and Country	
(9-765)	(30-72)	50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Leningrad, Russia	U.S.S.R.
9-770	30-71	50	—	Kabul	Afghanistan
		4	—	Vienna	Austria
		1	PRL4	Rio de Janeiro	Brazil
		4/50	—	Brazzaville	Congo
		3	4VEH	Cap Haitien	Haiti
		100	—	Budapest	Hungary
		1	OAX80	Iquitos	Peru
		50	—	Malolos, Luzon (V.o.A.)	Philippines
		50/100	MCN	Overseas Service*	U.K.
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
9-775	30-69	15/240	—	Peking	China
		50/100	—	Cairo	Egypt
		15/120	—	Moscow, Russia	U.S.S.R.
9-780	30-67	15/120	—	Moscow, Russia	U.S.S.R.
9-785	30-66	15/240	—	Peking	China
		50/100	—	Cairo	Egypt
		15/120	—	Moscow, Russia	U.S.S.R.
9-790	30-64	15/120	—	Moscow, Russia	U.S.S.R.
9-795	30-63	100	—	Podebrady	Czechoslovakia
		50/100	—	Cairo	Egypt
9-800	30-61	15/240	—	Peking	China
		1/50	—	Taipei	Formosa
9-805	30-60	50/100	—	Cairo	Egypt
9-810	30-58	15/120	—	Moscow, Russia	U.S.S.R.
9-820	30-55	15/120	—	Moscow, Russia	U.S.S.R.
9-825	30-53	50/100	GRH	Overseas Service*	U.K.
9-833	30-51	100	—	Budapest	Hungary
9-836	30-50	12	—	Hanoi	Vietnam (North)
9-840	30-49	2	—	Baku, Azerbaijan	U.S.S.R.
9-860	30-43	15/240	—	Peking	China
9-867	30-41	100	YDF8	Djakarta, Java	Indonesia
9-870	30-40	20/100	VUD	Delhi	India
9-895	30-31	7.5	—	Benghazi	Libya
9-915	30-26	20/100	VUD	Delhi	India
		50/100	GRU	Overseas Service*	U.K.
9-920	30-24	15/240	—	Peking	China
9-945	30-17	15/240	—	Peking	China
9-972	30-08	15/240	—	Peking	China
10-245	29-28	—	—	Urumchi	China
10-260	29-24	15/240	—	Peking	China
10-487	28-60	15/240	—	Peking	China
10-530	28-49	15	—	Alma Ata, Kazakh	U.S.S.R.
10-885	27-56	25	—	Ulan Bator, Mongolia	U.S.S.R.
11-100	27-03	15/240	—	Peking	China
11-200	26-79	15/240	—	Peking	China
11-290	26-57	15/240	—	Peking	China
11-410	26-29	—	—	Berlin	Germany (East)
11-415	26-28	50/100	—	Cairo	Egypt
11-515	26-05	15/240	—	Peking	China
11-600	25-86	15/240	—	Peking	China
11-610	25-87	7.5/100	—	Warsaw	Poland

Mc/s	Metres	kW	Call	Station and Country	
11-630	25-79	15/240	—	Peking	China
		—	—	Leningrad, Russia	U.S.S.R.
11-650	25-75	15/240	—	Peking	China
		7-5/10	APD	Dacca	Pakistan
11-660	25-73	50/100	—	Cairo	Egypt
11-672	25-70	50	APK	Karachi	Pakistan
11-685	25-67	15/240	—	Peking	China
		25/100	HVJ	Vatican City	Vatican State
11-690	25-66	15/120	—	Moscow, Russia	U.S.S.R.
11-693	25-66	100	—	Conakry	Guinea Rep.
11-695	25-65	15/240	—	Peking	China
		—	—	Berlin	Germany (West)
		5	—	Tashkent, Uzbek	U.S.S.R.
11-700	25-64	1	TGQB	Quezaltenango	Guatemala
		15/120	—	Moscow, Russia	U.S.S.R.
11-705	25-63	50	CKXA	Sackville, B.N.	Canada
		50/100	JOA11	Tokio	Japan
		100	—	Hörby	Sweden
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
11-710	25-62	100	VLA/D	Shepparton, Victoria	Australia
		7/50	—	Brazzaville	Congo
		35	—	Salonika (V.o.A.)	Greece
		20/100	VUD	Delhi	India
		100	YDF2	Djakarta, Java	Indonesia
		35/100	—	Tangier (V.o.A.)	Morocco
		50/100	—	Overseas Service*	U.K.
		110	—	Cincinnati, Ohio	U.S.A.
		50/200	KCBR	Delano, Cal.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		50	WDSI	Wayne, N.J.	U.S.A.
11-711	25-62	10/100	—	Lopik-IJsselstein	Netherlands
11-715	25-61	15/240	—	Peking	China
		20/100	—	Jülich	Germany (West)
		75/100	—	Munich (V.o.A.)	Germany (West)
		20/100	VUD	Delhi	India
		100	—	Djakarta, Java	Indonesia
		100	—	Beirut	Lebanon
		100	—	Schwarzenburg	Switzerland
		20	—	Sabboura	Syria
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
		25/100	—	Vatican City	Vatican State
11-720	25-60	100	ORU4	Wavre	Belgium
		10	PRL8	Brasilia	Brazil
		50	CHOL	Sackville, N.B.	Canada
		50	OTH3	Leopoldville	Congo
		7-5	ZJM7	Limassol	Cyprus
		—	—	Berlin	Germany (East)
		20/50	—	Lampertheim (R.L.)	Germany (West)
		20/100	VUD	Delhi	India
		100	—	Beirut	Lebanon
		35/100	—	Tangier (V.o.A.)	Morocco
		50/100	—	Overseas Service*	U.K.

Mc/s	Metres	kW	Call	Station and Country	
(11·720)(25·60)	15/120	—	—	Moscow, Russia	U.S.S.R.
11·723	25·60	7·5	—	Athens	Greece
11·725	25·59	4/50	FZI	Brazzaville	Congo
	100	—	OLR4E	Podebrady	Czechoslovakia
	1/50	—	—	Taipei	Formosa
	50/100	—	JOA11	Tokio	Japan
	7·5/10	—	APD	Dacca	Pakistan
	1	—	YSYA	San Salvador	Salvador
	1	—	YVLK	Caracas	Venezuela
11·730	25·58	15/240	—	Peking	China
	—	—	—	Berlin	Germany (East)
	7·5	—	—	Salonika	Greece
	20/100	—	VUD	Delhi	India
	10/100	—	PHI	Lopik-IJsselstein	Netherlands
	35/100	—	—	Poros (V.o.A.)	Philippines
	50/100	—	GVV	Overseas Service*	U.K.
	50/200	—	KCBR	Delano, Cal.	U.S.A.
	15/120	—	—	Moscow, Russia	U.S.S.R.
11·731	25·57	100	3AM5	Monte Carlo	Monaco
	7·5/10	—	APD	Dacca	Pakistan
11·735	25·56	7·5	ZYG3	Goiana	Brazil
	20/100	—	VUD	Delhi	India
	100	—	—	Sebaa Aioun	Morocco
	50	—	—	Tangier	Morocco
	10/100	—	LKQ	Tromsø	Norway
	35/100	—	—	Poros (V.o.A.)	Philippines
	15/120	—	—	Moscow, Russia	U.S.S.R.
	5	—	CXA7	Montevideo	Uruguay
	100	—	—	Belgrade	Yugoslavia
11·740	25·55	100	VLA/D	Shepparton, Victoria	Australia
	100	—	—	Wavre	Belgium
	4	—	CE1174	Santiago	Chile
	15/240	—	—	Peking	China
	35/100	—	—	Tangier (V.o.A.)	Morocco
	2/100	—	—	Bocau, Luzon	Philippines
	7·5/100	—	—	Warsaw	Poland
	110	—	WLWO	Cincinnati, Ohio	U.S.A.
	50/200	—	KCBR	Delano, Cal.	U.S.A.
	25/100	—	HVJ3	Vatican City	Vatican State
11·745	25·54	10	ZYR65	Sao Paulo	Brazil
	100	—	OLR	Podebrady	Czechoslovakia
	50/100	—	—	Cairo	Egypt
	50/500	—	—	Greenville, N. Carolina	U.S.A.
11·750	25·53	10	—	Tokio	Japan
	7·5/100	—	—	Tebrau, Malaya (B.B.C.)	Malaysia
	50/100	—	GSD	Overseas Service*	U.K.
	50/80	—	WRUL	Boston, Mass.	U.S.A.
11·751	25·53	20	—	Damascus	Syria
11·755	25·52	10	—	Luanda	Angola
	4	—	—	Vienna	Austria
	50	—	—	Leopoldville	Congo
	100	—	—	Beirut	Lebanon
	10/100	—	—	Lopik-IJsselstein	Netherlands
	—	—	—	Leningrad, Russia	U.S.S.R.
	5	—	—	Tashkent, Uzbek	U.S.S.R.

Mc/s	Metres	kW	Call	Station and Country		
(11·755)(25·52)	20	—	—	Vladivostok, Russia	U.S.S.R.	
	100	—	—	Belgrade	Yugoslavia	
11·760	25·51	100	VLA/D	Shepparton, Victoria	Australia	
		50	CKRA	Sackville, N.B.	Canada	
	1	COCY	Havana	Cuba		
	100	ETLF	Addis Ababa	Ethiopia		
	35	—	Salonika (V.o.A.)	Greece		
	20/100	VUD	Delhi	India		
	10/100	VUM	Madras	India		
	7·5	—	Lourenço Marques	Mozambique		
	50/100	—	Overseas Service*	U.K.		
	50/80	WRUL	Boston, Mass.	U.S.A.		
	50/500	—	Greenville, N. Carolina	U.S.A.		
	12	—	Hanoi	Vietnam (North)		
	11·764	25·50	25	ZYB8	Sao Paulo	Brazil
	11·765	25·50	1	CP39	La Paz	Bolivia
—			—	Berlin	Germany (East)	
11·770	25·49	20/50	—	Playa de Pals (R.L.)	Spain	
		35	—	Colombo	Ceylon	
	75/100	—	Munich (V.o.A.)	Germany (West)		
	20/100	VUD	Delhi	India		
	100	YDF2	Djakarta, Java	Indonesia		
	100	—	Beirut	Lebanon		
	50	—	Monrovia (V.o.A.)	Liberia		
	100	—	Sebaa Aioun	Morocco		
	50/100	GVU	Overseas Service*	U.K.		
	110	WLWO	Cincinnati, Ohio	U.S.A.		
	50/200	KCBR	Delano, Cal.	U.S.A.		
	—	—	Kiev, Ukraine	U.S.S.R.		
	5	—	St. Georges, Grenada	Windward Is.		
	11·775	25·48	10	ZYZ28	Rio de Janeiro	Brazil
75/100			—	Munich (V.o.A.)	Germany (West)	
100			—	Honolulu (V.o.A.)	Hawaii	
100			—	Schwarzenburg	Switzerland	
50			WBOU	Bound Brook, N.J.	U.S.A.	
50/500			—	Greenville, N. Carolina	U.S.A.	
11·780	25·47	15/120	—	Moscow, Russia	U.S.S.R.	
		50	LRV	Buenos Aires	Argentina	
	15/240	—	Peking	China		
	7	—	Reykjavik	Iceland		
	20/100	VUD	Delhi	India		
	10/100	JOB11	Tokio	Japan		
	100	—	Beirut	Lebanon		
	10/100	—	Lopik-IJsselstein	Netherlands		
	7·5	ZL3	Wellington	New Zealand		
	50/100	—	Overseas Service*	U.K.		
11·785	25·46	15/120	—	Moscow, Russia	U.S.S.R.	
		4	OEI24	Vienna	Austria	
	100	—	Wavre	Belgium		
	7·5	ZYU61	Porto Alegre	Brazil		
	20/100	—	Jülich	Germany (West)		
	20/100	VUD	Delhi	India		
	7·5/100	YDF2	Djakarta, Java	Indonesia		
	100	—	Beirut	Lebanon		
35/100	—	Tangier (V.o.A.)	Morocco			

Mc/s	Metres	kW	Call	Station and Country
(11-785)(25-46)	50	—	—	Malolos, Luzon (V.o.A.) Philippines
	15/120	—	—	Moscow, Russia U.S.S.R.
	25/100	—	—	Vatican City Vatican State
11-788	25-45	50	—	Monrovia (V.o.A.) Liberia
11-790	25-45	100	—	Shepparton, Victoria Australia
		10/100	VUB	Bombay India
		100	3AM5	Monte Carlo Monaco
		50/100	GWV	Overseas Service* U.K.
		20/80	WRUL	Boston, Mass. U.S.A.
		50	WBOU	Bound Brook, N.J. U.S.A.
		110	WLWO	Cincinnati, Ohio U.S.A.
		50/200	KCBR	Delano, Cal. U.S.A.
		50/500	—	Greenville, N. Carolina U.S.A.
		15/120	—	Moscow, Russia U.S.S.R.
		5	—	—
11-795	25-43	10	—	Rio de Janeiro Brazil
		50	OTH	Leopoldville Congo
		100	OLR	Podebrady Czechoslovakia
		—	—	Berlin Germany (East)
11-800	25-42	20/100	DMQ11	Jülich Germany (West)
		1/100	YDF2	Djakarta, Java Indonesia
		35	—	Colombo (V.o.A.) Ceylon
		1	CE1180	Santiago Chile
		15/240	—	Peking China
		100	—	Tema Ghana
		20/100	VUD	Delhi India
		50	JOB11	Tokio Japan
		10/100	—	Lopik-IJsselstein Netherlands
		50/100	GWH	Overseas Service* U.K.
		15/120	—	Moscow, Russia U.S.S.R.
11-803	25-41	7.5/100	—	Warsaw Poland
11-805	25-41	100	—	Wavre Belgium
		10	ZYZ36	Rio de Janeiro Brazil
		50/100	—	Cairo Egypt
		10	OIX8	Pori Finland
		20/100	VUD	Delhi India
		100	—	Hörby Sweden
		50	WBOU	Bound Brook, N.J. U.S.A.
		110	WLWO	Cincinnati, Ohio U.S.A.
		50/500	—	Greenville, N. Carolina U.S.A.
		—	—	Kazan, Tartar U.S.S.R.
		11-810	25-40	100
20/100	VUD			Delhi India
50/100	—			Rome Italy
3	—			Amman Jordan
7.5	—			Wellington New Zealand
100	—			Bucharest Rumania
100	—			Hörby Sweden
50/500	—			Greenville, N. Carolina U.S.A.
—	—			Novosibirsk, Russia U.S.S.R.
—	—			Simferopol, Russia U.S.S.R.
11-815	25-39			5
		20/100	—	Jülich Germany (West)
		50/100	JOB11	Tokio Japan
		4	—	Bamako Mali

Mc/s	Metres	kW	Call	Station and Country		
(11-815)(25-39)	100	3AM5		Monte Carlo	Monaco	
	7.5/100	—		Warsaw	Poland	
	20	—		Paradys	South Africa	
	50/200	—		Madrid	Spain	
	100	—		Schwarzenburg	Switzerland	
11-820	40	—		Kiev, Ukraine	U.S.S.R.	
	15/240	—		Peking	China	
	5	—		Abidjan	Ivory Coast	
	7.5	—		Amman	Jordan	
	7.5/100	—		Tabrau, Malaya (B.B.C.)	Malaysia	
	7.5	—		Wellington	New Zealand	
	7.5/100	—		Warsaw	Poland	
	50/100	GSN		Overseas Service*	U.K.	
	15/120	—		Moscow, Russia	U.S.S.R.	
	11-825	25-37	7/50	—	Brazzaville	Congo
1/50		—		Taipei	Formosa	
7.5/100		YDF		Djakarta, Java	Indonesia	
10/50		ELWA		Monrovia	Liberia	
35/100		—		Tangier (V.o.A.)	Morocco	
4		—		Papeete	Tahiti	
15/120		—		Moscow, Russia	U.S.S.R.	
50/100		VLA		Shepparton, Victoria	Australia	
75/100		—		Munich (V.o.A.)	Germany (West)	
7.5		—		Salonika	Greece	
11-830	25-36	20/100	VUD	Delhi	India	
	100	3AM5		Monte Carlo	Monaco	
	35/100	—		Tangier (V.o.A.)	Morocco	
	7.5	—		Wellington	New Zealand	
	50/100	—		Overseas Service*	U.K.	
	50/200	KCBR		Delano, Cal.	U.S.A.	
	50/500	—		Greenville, N. Carolina	U.S.A.	
	25/100	WGEO		Schenectady, N.Y.	U.S.A.	
	50	WDSI		Wayne, N.J.	U.S.A.	
	15/120	—		Moscow, Russia	U.S.S.R.	
	11-835	25-35	50	—	Algiers	Algeria
		35	—		Colombo (V.o.A.)	Ceylon
		100	OLR		Podebrady	Czechoslovakia
		2.5	4VEJ		Cap Haitien	Haiti
		20/100	VUD		Delhi	India
10		—		Lourenço Marques	Mozambique	
5		CXA19		Montevideo	Uruguay	
2		VLW/X		Perth, W.A.	Australia	
50/100		VLA		Shepparton, Victoria	Australia	
100		OLR		Podebrady	Czechoslovakia	
11-840	25-34	50/100	—	Cairo	Egypt	
	75/100	—		Munich (V.o.A.)	Germany (West)	
	35	—		Salonika (V.o.A.)	Greece	
	50/100	—		Rome	Italy	
	35/100	—		Tangier (V.o.A.)	Morocco	
	7.5/100	—		Warsaw	Poland	
	50/100	CSA		Lisbon	Portugal	
	50/100	GWQ		Overseas Service*	U.K.	
	15/120	—		Moscow, Russia	U.S.S.R.	
	12	—		Hanoi	Vietnam (North)	
	11-845	25-33	100	—	Allouis	France



Mc/s	Metres	kW	Call	Station and Country		
(11-845)(25-33)	20/100	VUD	Delhi		India	
	50	APK	Karachi		Pakistan	
	20/80	WRUL	Boston, Mass.		U.S.A.	
	50/200	KNBH	Dixon, Cal.		U.S.A.	
	5	—	St. Georges, Grenada	Windward Is.		
11-848	25-32	35/100	—	Poru (V.o.A.)	Philippines	
11-850	25-32	100	ORU	Wavre	Belgium	
		120	—	Sofia	Bulgaria	
		2	CE1185	Santiago		Chile
		20/100	VUD	Delhi		India
		10/100	LLK	Fredrikstad		Norway
		1-2	ZPA3	Ascuncion		Paraguay
		2/100	DZH8	Bocauce, Luzon		Philippines
		7-5	—	Omdurman		Sudan
		—	—	Kazan, Tartar		U.S.S.R.
		20	—	Vladivostok, Russia		U.S.S.R.
11-855	25-31	—	—	Berlin	Germany (East)	
		10/100	—	Tokio	Japan	
		6	—	Khartoum		Sudan
		20/80	WRUL	Boston, Mass.		U.S.A.
11-860	25-30	1/50	—	Taipei	Formosa	
		20/100	VUD	Delhi		India
		10	XEMZ	Mexico City		Mexico
		50/100	GSE	Overseas Service*		U.K.
		50/200	KNBH	Dixon, Cal.		U.S.A.
		20	—	Khabarovsk, Russia		U.S.S.R.
		15/120	—	Moscow, Russia		U.S.S.R.
11-865	25-28	5	PRA8	Recife	Brazil	
		100	—	Havana		Cuba
		10/100	—	Tokio		Japan
		100	—	Beirut		Lebanon
		7-5/100	—	Warsaw		Poland
		20	—	Paradys		South Africa
		100	HER5	Schwarzenburg		Switzerland
		50/500	—	Greenville, N. Carolina		U.S.A.
		3	—	Elizabethville		Congo
		75/100	—	Munich (V.o.A.)	Germany (West)	
11-870	25-27	20/100	VUD	Delhi	India	
		100	—	Amman		Jordan
		110	WLWO	Cincinnati, Ohio		U.S.A.
		50/200	KCBR	Delano, Cal.		U.S.A.
		50/200	KNBH	Dixon, Cal.		U.S.A.
		—	—	Kaunas, Lithuania		U.S.S.R.
		10	ZYA64	Salvador		Brazil
		35	—	Colombo (V.o.A.)		Ceylon
		100	—	Havana		Cuba
		100	OLR	Podebrady		Czechoslovakia
11-875	25-26	—	—	Berlin	Germany (East)	
		20/100	VUD	Delhi		India
		50/100	—	Baghdad		Iraq
		50/100	—	Tokio		Japan
		100	—	Beirut		Lebanon
		35/100	—	Tangier (V.o.A.)		Morocco
		10/50	APK	Karachi		Pakistan
		50/100	CSA58	Lisbon		Portugal

Mc/s	Metres	kW	Call	Station and Country			
(11·875)(25·26)		50	WBOU	Bound Brook, N.J.	U.S.A.		
		100	WLWO	Cincinnati, Ohio	U.S.A.		
		50/200	KNBH	Dixon, Cal.	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
11·880	25·25	5	LRS	Buenos Aires	Argentina		
		10	VLH11	Lyndhurst, Victoria	Australia		
		35	—	Salonika (V.o.A.)	Greece		
		1	XEHH	Mexico City	Mexico		
		35/100	—	Tangier (V.o.A.)	Morocco		
		20/50	—	Playa de Pals (R.L.)	Spain		
		100	—	Hörby	Sweden		
		50/100	GRE	Overseas Service*	U.K.		
		50	WBOU	Bound Brook, N.J.	U.S.A.		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
11·885	25·24	15/120	—	Moscow, Russia	U.S.S.R.		
		25/100	—	Vatican City	Vatican State		
		15/240	—	Peking	China		
		100	—	Allouis	France		
		100	3AM5	Monte Carlo	Monaco		
		50	APK	Karachi	Pakistan		
		7·5/100	—	Warsaw	Poland		
		100	—	Bucharest	Rumania		
		10	CXA68	Montevideo	Uruguay		
		11·890	25·23	100	—	Shepparton, Victoria	Australia
75/100	—	Munich (V.o.A.)		Germany (West)			
20/100	VUD	Delhi		India			
100	—	Beirut		Lebanon			
10	—	Kuala Lumpur, Malaya		Malaysia			
20	—	Sabboura		Syria			
50/100	GWW	Overseas Service*		U.K.			
50	WBOU	Bound Brook, N.J.		U.S.A.			
110	WLWO	Cincinnati, Ohio		U.S.A.			
50/500	—	Greenville, N. Carolina		U.S.A.			
11·895	25·22	50	WDSI	Wayne, N.J.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		100	—	Budapest	Hungary		
		20/100	VUD	Delhi	India		
		35/100	—	Poro (V.o.A.)	Philippines		
		25	FHE3	Dakar	Senegal		
		7·5/20	—	Omdurman	Sudan		
		11·900	25·21	50	CKEX	Sackville, N.B.	Canada
				5	CE1190	Santiago	Chile
				10	—	Kuala Lumpur, Malaya	Malaysia
35/100	—			Tangier (V.o.A.)	Morocco		
35/100	—			Poro (V.o.A.)	Philippines		
100	—			Bucharest	Rumania		
20	—			Paradys	South Africa		
50	WBOU			Bound Brook, N.J.	U.S.A.		
50/200	KCBR			Delano, Cal.	U.S.A.		
50/500	—			Greenville, N. Carolina	U.S.A.		
11·905	25·20	—	—	Kaunas, Lithuania	U.S.S.R.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		20	CXA10	Montevideo	Uruguay		
		100	OLR	Podebrady	Czechoslovakia		

Mc/s	Metres	kW	Call	Station and Country			
(11·905)	(25·20)	20/100	—	Jülich	Germany (West)		
		20/100	VUD	Delhi	India		
		50/100	—	Rome	Italy		
		100	3AM5	Monte Carlo	Monaco		
		7·5/100	—	Warsaw	Poland		
		50/100	—	Overseas Service*	U.K.		
		50	WDSI	Brentwood, N.Y.	U.S.A.		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		—	—	Kazan, Tartar	U.S.S.R.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		25/100	—	Vatican City	Vatican State		
		11·908	25·19	100	—	Havana	Cuba
				50	—	Tunis	Tunisia
11·910	25·19	10	—	Leopoldville	Congo		
		100	—	Budapest	Hungary		
		20/100	VUD	Delhi	India		
		35/100	—	Tangier (V.o.A.)	Morocco		
		10/50	APK	Karachi	Pakistan		
		7·5/100	—	Warsaw	Poland		
		50	—	Bangkok	Thailand		
		50/100	MCO	Overseas Service*	U.K.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		50	WDSI	Wayne, N.J.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		5	—	St. Georges, Grenada	Windward Is.		
		11·915	25·18	7·5	PRG20	Gaucha	Brazil
				1/30	HCJB	Quito	Ecuador
50/100	—			Cairo	Egypt		
20/100	VUD			Delhi	India		
35/100	—			Tangier (V.o.A.)	Morocco		
10/100	—			Lopik-IJsselstein	Netherlands		
35/100	—			Poro (V.o.A.)	Philippines		
100	—			Lisbon	Portugal		
20	—			Damascus	Syria		
11·920	25·17			35	—	Colombo (V.o.A.)	Ceylon
				100	—	Havana	Cuba
				1/50	—	Taipei	Formosa
				100	—	Allouis	France
				—	—	Berlin	Germany (East)
		20/100	VUD	Delhi	India		
		20	—	Jerusalem	Israel		
		50	—	Tel Aviv	Israel		
		100	—	Amman	Jordan		
		50	APK	Karachi	Pakistan		
		2/100	—	Bocaué, Luzon	Philippines		
		11·925	25·16	110	WLWO	Cincinnati, Ohio	U.S.A.
				1	CR6RQ	Nova Lisboa	Angola
				10	ZYR78	Sao Paulo	Brazil
15/240	—			Peking	China		
20/100	—			Jülich	Germany (West)		
20/50	—			Lampertheim (R.L.)	Germany (West)		
50	—			Suwon	Korea (South)		
100	—			Lisbon	Portugal		
15/120	—			Moscow, Russia	U.S.S.R.		

Mc/s	Metres	kW	Call	Station and Country	
(11-925)	(25-16)	25/100	—	Vatican City	Vatican State
11-930	25-15	4/50	—	Brazzaville	Congo
		50/100	—	Cairo	Egypt
		100	ETLF	Addis Ababa	Ethiopia
		20/100	—	Jülich	Germany (West)
		20/50	—	Playa de Pals (R.L.)	Spain
		50/100	GVX	Overseas Service*	U.K.
		50/80	WRUL	Boston, Mass.	U.S.A.
		50/200	KCBR	Delano, Cal.	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
		25/100	—	Vatican City	Vatican State
11-935	25-14	20/50	—	Lampertheim (R.L.)	Germany (West)
		10	—	Kuala Lumpur, Malaya	Malaysia
		10/100	—	Lopik-IJsselstein	Netherlands
		100	CSA	Lisbon	Portugal
		20	—	Sabboura	Syria
		20	—	Khabarovsk, Russia	U.S.S.R.
11-940	25-13	1	—	Sa da Bandeira	Angola
		2	CE1194	Santiago	Chile
		75/100	—	Munich (V.o.A.)	Germany (West)
		20/100	VUD	Delhi	India
		50/100	—	Tokio	Japan
		10/50	—	Al Kuwait	Kuwait
		35/100	—	Tangier (V.o.A.)	Morocco
		100	—	Bucharest	Rumania
		50	WBOU	Bound Brook, N.J.	U.S.A.
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
11-945	25-12	50	CKNK	Sackville, N.B.	Canada
		15/240	—	Peking	China
		100	—	Podebrady	Czechoslovakia
		20/100	DMQ	Jülich	Germany (West)
		100	—	Conakry	Guinea Rep.
		100	—	Beirut	Lebanon
		3	ZPA5	Encarnacion	Paraguay
		7-5/20	—	Omdurman	Sudan
		50/100	MCQ	Overseas Service*	U.K.
		—	—	Alma Ata, Kazakh	U.S.S.R.
11-950	25-10	10	PRL5	Rio de Janeiro	Brazil
		50	—	Phnompenh	Cambodia
		20/100	VUD	Delhi	India
		50	—	Suwon	Korea (South)
		10/100	—	Lopik	Netherlands
		5	—	Jidda	Saudi Arabia
		50/80	WRUL	Boston, Mass.	U.S.A.
		—	—	Kharkov, Ukraine	U.S.S.R.
		50	—	Saigon	Vietnam (South)
11-951	25-10	7-5/100	—	Warsaw	Poland
11-955	25-09	50	—	Kabul	Afghanistan
		100	—	Shepparton, Victoria	Australia
		10	—	Gimma	Ethiopia
		20/100	VUD	Delhi	India
		8/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		10/100	—	Lopik	Netherlands

Mc/s	Metres	kW	Call	Station and Country
(11-955)	(25-09)	7.5/100	—	Warsaw Poland
		50/100	GVY	Overseas Service* U.K.
		50	WDSI	Brentwood, N.Y. U.S.A.
		50/500	—	Greenville, N. Carolina U.S.A.
		—	—	Minsk, Byelorussia U.S.S.R.
		25/100	—	Vatican City Vatican State
11-960	25-08	35	—	Colombo (V.o.A.) Ceylon
		2.5	CE1196	Santiago Chile
		100	—	Havana Cuba
		75/100	—	Munich (V.o.A.) Germany (West)
		50	—	Malolos, Luzon (V.o.A.) Philippines
		35/100	—	Okinawa (V.o.A.) Ryukyu Island
11-965	25-07	7.5	PRB24	Sao Paulo Brazil
		20/50	—	Lampertheim (R.L.) Germany (W.)
		100	—	Conakry Guinea Rep.
		35/100	—	Tangier (V.o.A.) Morocco
		20/50	—	Playa de Pals (R.L.) Spain
		25/100	—	Vatican City Vatican State
11-970	25-06	50	—	Phnompenh Cambodia
		4/50	FZI	Brazzaville Congo
		50	—	Leopoldville Congo
		100	—	Havana Cuba
		100	—	Amman Jordan
		50	—	Monrovia (V.o.A.) Liberia
		5	—	Jawalakhel Nepal
		20/50	—	Playa de Pals (R.L.) Spain
		50	—	Tunis Tunisia
		50/100	—	Overseas Service* U.K.
		50/500	—	Greenville, N. Carolina U.S.A.
		—	—	Kharkov, Ukraine U.S.S.R.
11-975	25-05	15/240	—	Peking China
		10/50	ELWA	Monrovia Liberia
		15/120	—	Moscow, Russia U.S.S.R.
11-980	25-04	15/240	—	Peking China
11-983	25-04	20	—	Podebrady Czechoslovakia
		50	—	Tunis Tunisia
11-985	25-03	15/120	—	Moscow, Russia U.S.S.R.
11-990	25-02	100	—	Podebrady Czechoslovakia
		50/100	—	Cairo Egypt
12-000	25-00	15/120	—	Moscow, Russia U.S.S.R.
12-005	25-00	15/240	—	Peking China
12-008	24-99	50	—	Leipzig Germany (East)
12-010	24-98	15/240	—	Peking China
		15/120	—	Moscow, Russia U.S.S.R.
12-015	24-97	15/120	—	Moscow, Russia U.S.S.R.
12-020	24-96	15/120	—	Moscow, Russia U.S.S.R.
12-030	24-94	15/120	—	Moscow, Russia U.S.S.R.
12-040	24-92	50/100	GRV	Overseas Service* U.K.
		15/120	—	Moscow, Russia U.S.S.R.
12-045	24-91	15/120	—	Moscow, Russia U.S.S.R.
12-050	24-90	15/120	—	Moscow, Russia U.S.S.R.
12-055	24-89	15/240	—	Peking China
12-060	24-88	15/120	—	Moscow, Russia U.S.S.R.
12-070	24-86	40	—	Kiev, Ukraine U.S.S.R.
12-075	24-84	15/120	—	Moscow, Russia U.S.S.R.

Mc/s	Metres	kW	Call	Station and Country	
12-080	24-83	100	—	Lisbon	Portugal
12-090	24-81	15/120	—	Moscow, Russia	U.S.S.R.
12-095	24-80	15/240	—	Peking	China
		50/100	GRF	Overseas Service*	U.K.
12-100	24-79	15/120	—	Moscow, Russia	U.S.S.R.
12-345	24-30	1-5/8	—	Fort de France	Martinique
12-566	23-88	7-5/100	—	Warsaw	Poland
13-310	22-54	1-5/8	—	Fort de France	Martinique
13-820	21-71	15/120	—	Moscow, Russia	U.S.S.R.
13-845	21-67	15/240	—	Peking	China
14-772	20-19	20	—	Tirana	Albania
14-820	20-24	15/240	—	Peking	China
15-040	19-95	15/240	—	Peking	China
15-050	19-93	50	HI4U	Ciudad Trujillo	Dominican Rep.
15-059	19-92	15/240	—	Peking	China
15-070	19-91	50/100	GWC	Overseas Service*	U.K.
15-080	19-90	15/240	—	Peking	China
		20	—	Paradys	South Africa
15-083	19-89	50	ELWA	Monrovia	Liberia
15-095	19-87	15/240	—	Peking	China
		15/120	—	Moscow, Russia	U.S.S.R.
15-098	19-87	—	—	Hanoi	Vietnam (North)
15-105	19-86	7-5	ZYZ32	Rio de Janeiro	Brazil
		50	CKUS	Sackville, N.B.	Canada
		20/100	VUD	Delhi	India
		10/100	—	Tokio	Japan
		50/100	—	Overseas Service*	U.K.
		15/120	—	Moscow, Russia	U.S.S.R.
15-110	19-85	7-5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		1	XERR	Mexico City	Mexico
		7-5	ZL21	Wellington	New Zealand
		50/100	GWG	Overseas Service*	U.K.
		40	—	Kiev, Ukraine	U.S.S.R.
15-115	19-85	15/240	—	Peking	China
		1/30	HCJB	Quito	Ecuador
		50/100	—	Cairo	Egypt
		50/100	—	Tokio	Japan
		35/100	—	Tangier (V.o.A.)	Morocco
		—	—	Simferopol, Crimea	U.S.S.R.
		25/100	—	Vatican City	Vatican State
15-120	19-84	100	—	Colombo	Ceylon
		7-5/100	—	Warsaw	Poland
		100	—	Schwarzenburg	Switzerland
		25/100	HVJ	Vatican City	Vatican State
15-125	19-83	20	EPB	Teheran	Iran
		50	—	Suwon	Korea (South)
		8/100	—	Poro (V.o.A.)	Philippines
		50	CSA	Lisbon	Portugal
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/200	KCBR	Delano, Cal.	U.S.A.
15-130	19-83	100	—	Allouis	France
		20/100	VUD	Delhi	India
		8/100	—	Poro (V.o.A.)	Philippines
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/200	KCBR	Delano, Cal.	U.S.A.

Mc/s	Metres	kW	Call	Station and Country	
(15-130)	(19-83)	50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Simferopol, Crimea	U.S.S.R.
15-135	19-82	50	—	Kabul	Afghanistan
		7	PRB23	Sao Paulo	Brazil
		100	—	Havana	Cuba
		50/100	JOB15	Tokio	Japan
		50/80	WRUL	Boston, Mass.	U.S.A.
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
15-140	19-82	20/100	VUD	Delhi	India
		50/100	GSF	Overseas Service*	U.K.
		50	—	Petropavlovsk, Russia	U.S.S.R.
		25/100	HVJ	Vatican City	Vatican State
15-141	19-81	50	APK	Karachi	Pakistan
15-142	19-81	50/500	—	Greenville, N. Carolina	U.S.A.
15-145	19-81	20	ZYK33	Recife	Brazil
15-148	19-80	10	—	Al Kuwait	Kuwait
15-150	19-80	1	CE1515	Santiago	Chile
		50/100	YDC	Djakarta, Java	Indonesia
		100	—	Beirut	Lebanon
		50	—	Monrovia (V.o.A.)	Liberia
		4	—	Bamako	Mali
		35/100	—	Tangier (V.o.A.)	Morocco
		50	OAX4T	Lima	Peru
		35/100	—	Poro (V.o.A.)	Philippines
		35/100	—	Okinawa (V.o.A.)	Ryukyu Island
		50/200	KCBR	Delano, Cal.	U.S.A.
		50/200	KNBH	Dixon, Cal.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Minsk, Byelorussia	U.S.S.R.
15-155	19-80	1/50	OEI601	Vienna	Austria
		10	CP40	La Paz	Bolivia
		25	ZYB9	Sao Paulo	Brazil
		100	—	Havana	Cuba
		—	—	Berlin	Germany (East)
		20/100	VUD	Delhi	India
		50	ELWA	Monrovia	Liberia
		50	APK	Karachi	Pakistan
		50	—	Malolos, Luzon (V.o.A.)	Philippines
		35/100	—	Poro (V.o.A.)	Philippines
		100	—	Hörby	Sweden
		50	WBOU	Bound Brook, N.J.	U.S.A.
		110	WLWO	Cincinnati, Ohio	U.S.A.
15-160	19-79	100	—	Allouis	France
		100	—	Budapest	Hungary
		20/100	VUD	Delhi	India
		10	XEWW	Mexico City	Mexico
		35/100	—	Tangier (V.o.A.)	Morocco
		20	—	Damascus	Syria
		100	TAU	Ankara	Turkey
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
		25/100	—	Vatican City	Vatican State
15-165	19-78	10	ZYN7	Fortaleza	Brazil
		35	—	Colombo (V.o.A.)	Ceylon

Mc/s	Metres	kW	Call	Station and Country	
(15·165)(19·78)		50	OZH	Copenhagen	Denmark
15·170	19·78	75/100	—	Munich (V.o.A.)	Germany (West)
		10/100	—	Tokio	Japan
		3	—	Amman	Jordan
		10/100	LKV	Fredrikstad	Norway
		7·5/20	—	Omdurman	Sudan
		15/120	—	Moscow, Russia	U.S.S.R.
15·175	19·77	1/50	—	Taipei	Formosa
		10/100	—	Tokio	Japan
		100	—	Beirut	Lebanon
		10/100	LLM	Fredrikstad	Norway
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
15·180	19·76	50/100	VLA/D	Shepparton, Victoria	Australia
		50/100	—	Cairo	Egypt
		100	—	Beirut	Lebanon
		50/100	GSO	Overseas Service*	U.K.
		20	—	Vladivostok, Russia	U.S.S.R.
		5	—	St. Georges, Grenada	Windward Is.
15·185	19·76	—	—	Nicosia (B.B.C.)	Cyprus
		10	—	Addis Ababa	Ethiopia
		100	—	Pori	Finland
		75/100	—	Munich (V.o.A.)	Germany (West)
		50	—	Sebaa Aioun	Morocco
		35/100	—	Tangier (V.o.A.)	Morocco
		—	—	Ikorodu	Nigeria
		35/100	—	Poro (V.o.A.)	Philippines
		110	WLWO	Cincinnati, Ohio	U.S.A.
		—	—	Novosibirsk, Russia	U.S.S.R.
15·190	19·75	50	CKCX	Sackville, N.B.	Canada
		4/50	FZI	Brazzaville	Congo
		100	OIX4	Pori	Finland
		100	—	Tema	Ghana
		20/100	VUD	Delhi	India
		50/100	—	Baghdad	Iraq
		100	—	Amman	Jordan
		50/100	—	Overseas Service*	U.K.
		15/120	—	Moscow, Russia	U.S.S.R.
		25/100	—	Vatican City	Vatican State
15·195	19·74	75/100	—	Munich (V.o.A.)	Germany (West)
		20/100	VUD	Delhi	India
		10/100	—	Tokio	Japan
		50	APK	Karachi	Pakistan
		20	—	Paradys	South Africa
		100	TAQ	Ankara	Turkey
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		5	—	St. Georges, Grenada	Windward Is.
15·200	19·74	100	—	Havana	Cuba
		35/100	—	Tangier (V.o.A.)	Morocco
		3	ZPA7	Ascuncion	Paraguay
		50	—	Malolos, Luzon (V.o.A.)	Philippines
		15/120	—	Moscow, Russia	U.S.S.R.
15·205	19·73	35	—	Colombo (V.o.A.)	Ceylon
		20/100	—	Julich	Germany (West)



Mc/s	Metres	kW	Call	Station and Country		
(15·205)(19·73)	5	XESC		Mexico City	Mexico	
	35/100	—		Tangier (V.o.A.)	Morocco	
	10/50	APK		Karachi	Pakistan	
	50	—		Malolos, Luzon (V.o.A.)	Philippines	
	50	WDSI		Brentwood, N.Y.	U.S.A.	
	110	WLWO		Cincinnati, Ohio	U.S.A.	
	50/500	—		Greenville, N. Carolina	U.S.A.	
	15·210 19·72	50/100	—		Cairo	Egypt
		—	—		Berlin	Germany (East)
		100	—		Tema	Ghana
3		—		Ascuncion	Paraguay	
50		—		Malolos, Luzon (V.o.A.)	Philippines	
35/100		—		Okinawa (V.o.A.)	Ryukyu Is.	
50/200		KCBR		Delano, Cal.	U.S.A.	
15/120		—		Moscow, Russia	U.S.S.R.	
15·215 19·72		35/100	—		Okinawa	Ryukyu Is.
		50/500	—		Greenville, N. Carolina	U.S.A.
	50	WDSI		Wayne, N.J.	U.S.A.	
15·220 19·71	50	—		Kabul	Afghanistan	
	100	—		Shepparton, Victoria	Australia	
	—	—		Nicosia (B.B.C.)	Cyprus	
	100	ETLF		Addis Ababa	Ethiopia	
	10/100	—		Lopik-IJsselstein	Netherlands	
	20/80	WRUL		Boston, Mass	U.S.A.	
	—	—		Riga, Latvia	U.S.S.R.	
15·225 19·70	25	—		Kabul	Afghanistan	
	1/50	BED3		Taipei	Formosa	
	75/100	—		Munich (V.o.A.)	Germany (West)	
	20/100	VUD		Delhi	India	
	10/100	—		Tokio	Japan	
	35/100	—		Tangier (V.o.A.)	Morocco	
	10/50	APK		Karachi	Pakistan	
	50	WBOU		Bound Brook, N.J.	U.S.A.	
	50/500	—		Greenville, N. Carolina	U.S.A.	
	15·230 19·70	15/120	—		Moscow, Russia	U.S.S.R.
10		VLG/H		Lyndhurst, Victoria	Australia	
35		—		Colombo (V.o.A.)	Ceylon	
100		ETLF		Addis Ababa	Ethiopia	
2/100		—		Bocaue, Luzon	Philippines	
50/100		GWD		Overseas Service*	U.K.	
—		—		Leningrad, Russia	U.S.S.R.	
15/120		—		Moscow, Russia	U.S.S.R.	
25		CXA64		Melo	Uruguay	
15·235 19·69		35	—		Colombo (V.o.A.)	Ceylon
	75/100	—		Munich (V.o.A.)	Germany (West)	
	50/100	—		Baghdad	Iraq	
	50/100	JOB15		Tokio	Japan	
	100	—		Beirut	Lebanon	
	50	—		Monrovia (V.o.A.)	Liberia	
	35/100	—		Tangier (V.o.A.)	Morocco	
	35/100	—		Poro (V.o.A.)	Philippines	
	50/100	—		Overseas Service*	U.K.	
	50	WDSI		Brentwood, N.Y.	U.S.A.	
50/500	—		Greenville, N. Carolina	U.S.A.		
5	—		St. Georges, Grenada	Windward Is.		

Mc/s	Metres	kW	Call	Station and Country	
15-240	19-69	100	VLA/D	Shepparton, Victoria	Australia
		1/50	OEI69	Vienna	Austria
		—	—	Berlin	Germany (East)
		20/100	—	Jülich	Germany (West)
		100	—	Hörby	Sweden
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
		5	—	St. Georges, Grenada	Windward Is.
		100	—	Belgrade	Yugoslavia
		15-245	19-68	10	ZYE21
50	—			Leopoldville	Congo
100	OLR			Podebrady	Czechoslovakia
100	—			Allouis	France
50/100	—			Overseas Service*	U.K.
15-250	19-67	35/100	—	Tangier (V.o.A.)	Morocco
		50	—	Malolos, Luzon (V.o.A.)	Philippines
		100	—	Bucharest	Rumania
		110	WLWO	Cincinnati, Ohio	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
15-255	19-67	1/50	—	Vienna	Austria
		50	—	Phnompenh	Cambodia
		50	CKSR	Sackville, N.B.	Canada
		20	—	Lagos	Nigeria
		50/200	KCBR	Delano, Cal.	U.S.A.
15-257	19-66	—	—	Berlin	Germany (East)
		50/100	—	Tokio	Japan
15-260	19-66	50/100	—	Cairo	Egypt
		7.5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		50/100	GSI	Overseas Service*	U.K.
		—	—	Kazan, Tartar	U.S.S.R.
15-265	19-65	35	—	Colombo (V.o.A.)	Ceylon
		50/100	—	Cairo	Egypt
		75/100	—	Munich (V.o.A.)	Germany (West)
		35/100	—	Tangier (V.o.A.)	Morocco
		15/120	—	Moscow, Russia	U.S.S.R.
15-270	19-65	25	—	Kabul	Afghanistan
		35	—	Colombo (V.o.A.)	Ceylon
		15/240	—	Peking	China
		20/100	—	Jülich	Germany (West)
		10/100	VUB	Bombay	India
		35/100	—	Tangier (V.o.A.)	Morocco
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50	WDSI	Brentwood, N.Y.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15-275	19-64	50	CKBR
20/100	DMQ15			Jülich	Germany (West)
50	—			Monrovia (V.o.A.)	Liberia
7.5/100	—			Warsaw	Poland
50/200	KCBR			Delano, Cal.	U.S.A.
20	—			Khabarovsk, Russia	U.S.S.R.
15-278	19-63	1/50	BED34	Taipei	Formosa
15-280	19-63	—	—	Berlin	Germany (East)
		20/100	—	Jülich	Germany (West)
		7.5	ZL4	Wellington	New Zealand

Mc/s	Metres	kW	Call	Station and Country			
15-280	19-63	50	WBOU	Bound Brook, N.J.	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
15-285	19-63	—	—	Novosibirsk, Russia	U.S.S.R.		
		100	—	Havana	Cuba		
		100	OLR5H	Podebrady	Czechoslovakia		
		20/100	DMQ	Jülich	Germany (West)		
		10/100	—	Tokio	Japan		
		50	—	Monrovia (V.o.A.)	Liberia		
		50/100	—	Overseas Service*	U.K.		
		100	—	Tema	Ghana		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15-288	19-62	50	—	Sebaa Aioun	Morocco
15-290	19-62	6	LRU	Buenos Aires	Argentine		
		100	—	Havana	Cuba		
		10/100	VUB	Bombay	India		
		20/100	VUD	Delhi	India		
		50/100	—	Rome	Italy		
		35/100	—	Tangier (V.o.A.)	Morocco		
		50/80	WRUL	Boston, Mass.	U.S.A.		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15-292	19-62	10	CR7BG	Lourenço Marques	Mozambique
15-295	19-61	1/50	—	Vienna	Austria		
		10	PRL8	Rio de Janeiro	Brazil		
		50	OZF9	Copenhagen	Denmark		
		1/50	—	Taipei	Formosa		
		20/100	DMQ	Jülich	Germany (West)		
		35/100	—	Tangier (V.o.A.)	Morocco		
		50/80	WRUL	Boston, Mass.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		20	—	Addis Ababa	Ethiopia		
		2	DZH9	Manila, Luzon	Philippines		
15-300	19-61	50/100	GWR	Overseas Service*	U.K.		
		1/50	—	Vienna	Austria		
		35	—	Salonika (V.o.A.)	Greece		
		100	HER6	Schwarzenburg	Switzerland		
		50/500	—	Greenville, N. Carolina	U.S.A.		
15-310	19-60	—	—	Lwow, Ukraine	U.S.S.R.		
		50/100	—	Cairo	Egypt		
		20/100	—	Jülich	Germany (West)		
		20/100	VUD	Delhi	India		
		10/100	—	Tokio	Japan		
		7.5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia		
		50/100	GSP	Overseas Service*	U.K.		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		50	WDSI	Wayne, N.J.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
15-315	19-59	50/100	VLA/D	Shepparton, Victoria	Australia		
		1/50	OEI64	Vienna	Austria		
		50	—	Monrovia (V.o.A.)	Liberia		
		100	HEU6	Schwarzenburg	Switzerland		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		50	—	Minhsiung	Formosa		
		15-318	19-58	50	—	Minhsiung	Formosa

Mc/s	Metres	kW	Call	Station and Country	
15-320	19-58	50	CKCS	Sackville, N.B.	Canada
		15/120	—	Moscow, Russia	U.S.S.R.
15-325	19-58	1/50	—	Vienna	Austria
		50/100	I2RO	Rome	Italy
		50/100	JOB15	Tokio	Japan
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		—	—	Leningrad, Russia	U.S.S.R.
15-330	19-57	100	—	Shepparton, Victoria	Australia
		120	—	Sofia	Bulgaria
		75/100	—	Munich (V.o.A.)	Germany (West)
		50/100	—	Rome	Italy
		35/100	—	Tangier (V.o.A.)	Morocco
		50	WBOU	Bound Brook, N.J.	U.S.A.
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/200	KCBR	Delano, Cal.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		25/100	WGEO	Schenectady, N.Y.	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
15-335	19-56	100	ORU	Wavre	Belgium
		20	ZYU68	Porto Alegre	Brazil
		7-5	—	Athens	Greece
		50	HLK42	Suwon	Korea (South)
		50	APK	Karachi	Pakistan
		35/100	—	Poro (V.o.A.)	Philippines
		7-5/100	—	Warsaw	Poland
		25/100	WGEO	Schenectady, N.Y.	U.S.A.
		10	—	Tiflis, Georgia	U.S.S.R.
15-340	19-56	100	—	Wavre	Belgium
		100	—	Havana	Cuba
		1	ETAA	Addis Ababa	Ethiopia
		—	—	Berlin	Germany (East)
		75/100	—	Munich (V.o.A.)	Germany (West)
		35/100	—	Tangier (V.o.A.)	Morocco
		100	—	Bucharest	Rumania
		20/50	—	Playa de Pals (R.L.)	Spain
		50/200	KCBR	Delano, Cal.	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
15-345	19-55	5	LRA33	Buenos Aires	Argentina
		1/50	BED57	Taipei	Formosa
		7-5	—	Athens	Greece
		100	—	Amman	Jordan
		50	—	Sebaa Aioun	Morocco
15-350	19-54	50/100	—	Cairo	Egypt
		5	—	Luxembourg	Luxembourg
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
15-355	19-54	100	WLWO	Cincinnati, Ohio	U.S.A.
15-360	19-53	35	—	Colombo	Ceylon
		35/100	—	Poro (V.o.A.)	Philippines
		50/100	—	Overseas Service*	U.K.
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
15-365	19-52	100	—	Budapest	Hungary

Mc/s	Metres	kW	Call	Station and Country				
(15-365)(19-52)	20/100	VUD	Delhi	India				
			35/100	—	Tangier (V.o.A.)	Morocco		
			7-5/100	—	Lourenço Marques	Mozambique		
			10/100	—	Lopik-IJsselstein	Netherlands		
			7/20	—	Sabboura	Syria		
			110	WLWO	Cincinnati, Ohio	U.S.A.		
			50/500	—	Greenville, N. Carolina	U.S.A.		
			15-370	19-52	100	—	Shepparton, Victoria	Australia
			25	ZYC9	Rio de Janeiro	Brazil		
			15/240	—	Peking	China		
15-375	19-51	35/100	20/100	VUD	Delhi	India		
			100	—	Djakarta, Java	Indonesia		
			35/100	—	Okinawa (V.o.A.)	Ryukyu Island		
			3/10	—	Jidda	Saudi Arabia		
			20/50	—	Playa de Pals (R.L.)	Spain		
			50/80	WRUL	Boston, Mass.	U.S.A.		
			50/500	—	Greenville, N. Carolina	U.S.A.		
			15/120	—	Moscow, Russia	U.S.S.R.		
			50/100	—	Poros (V.o.A.)	Philippines		
			—	—	Overseas Service*	U.K.		
15-380	19-51	20/100	5	—	Leningrad, Russia	U.S.S.R.		
			—	—	St. Georges, Grenada	Windward Is.		
			10/100	VUD	Delhi	India		
			10/100	VUM	Madras	India		
			35/100	—	Tangier (V.o.A.)	Morocco		
			2/100	—	Bocaue, Luzon	Philippines		
			100	CSA42	Lisbon	Portugal		
			100	—	Bucharest	Rumania		
			20/80	WRUL	Boston, Mass.	U.S.A.		
			15-385	19-49	75/100	—	Munich (V.o.A.)	Germany (West)
15-386	19-49	20/100	10	—	Goa	India		
			50	—	Monrovia (V.o.A.)	Liberia		
			35/100	—	Tangier (V.o.A.)	Morocco		
			7-5/100	—	Warsaw	Poland		
			50/80	WRUL	Boston, Mass.	U.S.A.		
			15/120	—	Moscow, Russia	U.S.S.R.		
			10	CXA60	Montevideo	Uruguay		
			35	—	Colombo	Ceylon		
			15-390	19-49	20/100	VUD	Delhi	India
			15-395	19-49	10/100	10/100	—	Tokio
35/100	—	Tangier (V.o.A.)				Morocco		
50/100	—	Overseas Service*				U.K.		
50/80	WRUL	Boston, Mass.				U.S.A.		
110	WLWO	Cincinnati, Ohio				U.S.A.		
50/500	—	Greenville, N. Carolina				U.S.A.		
50	WDSI	Wayne, N.J.				U.S.A.		
1/50	—	Taipei				Formosa		
—	—	Berlin				Germany (East)		
20/50	—	Lampertheim (R.L.)				Germany (West)		
15-400	19-48	75/100	—	—	Munich (V.o.A.)	Germany (West)		
			110	WLWO	Cincinnati, Ohio	U.S.A.		
			—	—	Kazan, Tartar	U.S.S.R.		
			100	—	Tema	Ghana		
			50/100	—	Baghdad	Iraq		
			50/100	—	Rome	Italy		

Mc/s	Metres	kW	Call	Station and Country		
(15·400)(19·48)	35/100	—	—	Poro (V.o.A.)	Philippines	
	110	WLWO	—	Cincinnati, Ohio	U.S.A.	
	50/500	—	—	Greenville, N. Carolina	U.S.A.	
15·405	19·48	40	—	Kiev, Ukraine	U.S.S.R.	
	1/50	—	—	Vienna	Austria	
	20/100	DMQ15	—	Jülich	Germany (West)	
	50	—	—	Malolos, Luzon (V.o.A.)	Philippines	
	110	WLWO	—	Cincinnati, Ohio	U.S.A.	
	50/200	KCBR	—	Delano, Cal.	U.S.A.	
	50/200	KNBH	—	Dixon, Cal.	U.S.A.	
15·408	19·47	15/120	—	Moscow, Russia	U.S.S.R.	
	5	—	—	St. Georges, Granada	Windward Is.	
15·410	19·47	50	—	Sebaa Aioun	Morocco	
15·415	19·46	1/50	OEI66	Vienna	Austria	
	100	ELTF	—	Addis Ababa	Ethiopia	
	20/100	—	—	Jülich	Germany (West)	
	50	WBOU	—	Bound Brook, N.J.	U.S.A.	
	50/500	—	—	Greenville, N. Carolina	U.S.A.	
15·417	19·46	1	ZYR206	Ribeirao Preto	Brazil	
	35	—	—	Colombo (V.o.A.)	Ceylon	
	20/50	—	—	Lampertheim (R.L.)	Germany (West)	
	15/100	—	—	Budapest	Hungary	
	20	—	—	Paradys	South Africa	
	50	WBOU	—	Bound Brook, N.J.	U.S.A.	
	50/500	—	—	Greenville, N. Carolina	U.S.A.	
15·420	19·46	40	—	Kiev, Ukraine	U.S.S.R.	
15·423	19·45	15/240	—	Peking	China	
	15·420	19·46	100	OLR	Podebrady	Czechoslovakia
	50/200	—	—	Madrid	Spain	
	100	—	—	Hörby	Sweden	
15·425	19·45	50/100	—	Overseas Service*	U.K.	
15·425	19·45	50	—	Sebaa Aioun	Morocco	
15·430	19·44	2/10	VLW/X	Perth, W.A.	Australia	
	10/100	—	—	Tokio	Japan	
	10/100	—	—	Lopik-IJsselstein	Netherlands	
	75/100	—	—	Munich (V.o.A.)	Germany (West)	
	50/100	—	—	Cairo	Egypt	
15·435	19·44	100	—	Wavre	Belgium	
	7·5/100	—	—	Tebrau, Malaya (B.B.C.)	Malaysia	
	50/100	GWE	—	Overseas Service*	U.K.	
15·440	19·43	10	—	Brasilia	Brazil	
	75/100	—	—	Munich (V.o.A.)	Germany (West)	
	35/100	—	—	Tangier (V.o.A.)	Morocco	
	50/80	WRUL	—	Boston, Mass.	U.S.A.	
	50/500	—	—	Greenville, N. Carolina	U.S.A.	
15·445	19·42	15/120	—	Moscow, Russia	U.S.S.R.	
	4/50	—	—	Brazzaville	Congo	
	100	OLR	—	Podebrady	Czechoslovakia	
	100	—	—	Amman	Jordan	
	10/100	—	—	Lopik-IJsselstein	Netherlands	
15·450	19·42	50/100	—	Overseas Service*	U.K.	
15·455	19·41	15/120	—	Moscow, Russia	U.S.S.R.	
	50/100	—	—	Cairo	Egypt	
15·464	19·40	20	—	Vladivostok, Russia	U.S.S.R.	
	—	—	—	Paramaribo	Dutch Guineia	

Mc/s	Metres	kW	Call	Station and Country	
15-475	19-39	50/100	—	Cairo	Egypt
15-480	19-38	15/240	—	Peking	China
15-485	19-37	25	—	Kabul	Afghanistan
15-488	19-37	—	—	Berlin	Germany (East)
15-500	19-37	15/240	—	Peking	China
15-545	19-30	15/240	—	Peking	China
15-550	19-29	15/240	—	Peking	China
15-555	19-29	15/240	—	Peking	China
15-574	19-26	15/240	—	Peking	China
15-610	19-22	15/240	—	Peking	China
15-710	19-10	15/240	—	Peking	China
15-750	19-05	50/500	—	Greenville, N. Carolina	U.S.A.
15-780	19-02	25	—	Sana'a	Yemen
15-870	18-94	15/120	—	Moscow, Russia	U.S.S.R.
15-880	18-92	15/240	—	Peking	China
15-960	18-80	15/240	—	Peking	China
16-270	18-44	15/240	—	Peking	China
16-485	18-20	100	—	Budapest	Hungary
17-490	17-15	15/240	—	Peking	China
17-544	17-10	1	—	Curragh	Eire
17-605	17-04	15/240	—	Peking	China
17-640	17-01	7.5/10	APD	Dacca	Pakistan
17-660	16-99	50/100	—	Overseas Service*	U.K.
17-671	16-98	50/100	—	Cairo	Egypt
17-675	16-97	15/240	—	Peking	China
17-690	16-96	50/100	—	Cairo	Egypt
17-695	16-95	20	—	Paradys	South Africa
		50/100	—	Overseas Service*	U.K.
17-700	16-95	—	—	Nicosia (B.B.C.)	Cyprus
		50	—	Tunis	Tunisia
		—	—	Tallinn, Estonia	U.S.S.R.
17-705	16-94	10	—	Luanda	Angola
		100	—	Havana	Cuba
		20/100	VUD	Delhi	India
		10	—	Chagos	Mauritius
		35/100	—	Tangier (V.o.A.)	Morocco
		50/100	—	Overseas Service*	U.K.
17-710	16-94	50/200	KNBH	Dixon, Cal.	U.S.A.
		50	—	Phnompenh	Cambodia
		50	CHSB	Sackville, N.B.	Canada
		—	—	Nicosia (B.B.C.)	Cyprus
		7.5/10	APD	Dacca	Pakistan
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
17-715	16-93	10	—	Lyndhurst, Victoria	Australia
		100	—	Conakry	Guinea Rep.
		100	HEU7	Schwarzenburg	Switzerland
		50/100	GRA	Overseas Service*	U.K.
		10	—	Montevideo	Uruguay
17-720	16-93	1/50	—	Vienna	Austria
		4/50	FZI	Brazzaville	Congo
		100	—	Havana	Cuba
		—	—	Berlin	Germany (East)
		100	—	Budapest	Hungary

Mc/s	Metres	kW	Call	Station and Country	
(17-720)(16-93)	20/50	—	—	Playa de Pals (R.L.)	Spain
	100	—	—	Schwarzenburg	Switzerland
	50/500	—	—	Greenville, N. Carolina	U.S.A.
	—	—	—	Riga, Latvia	U.S.S.R.
17-725	10	—	—	Montevideo	Uruguay
	25/100	—	CXA57	Vatican City	Vatican State
	1/50	—	—	Vienna	Austria
	10/100	—	—	Tokio	Japan
17-730	50	—	—	Monrovia (V.o.A.)	Liberia
	100	—	OLR	Podebrady	Czechoslovakia
	50/100	—	—	Cairo	Egypt
	20/50	—	—	Lampertheim (R.L.)	Germany (West)
17-735	7.5/10	—	APD	Dacca	Pakistan
	50/100	—	GVQ	Overseas Service*	U.K.
	50	—	WBOU	Bound Brook, N.J.	U.S.A.
	100	—	WLWO	Cincinnati, Ohio	U.S.A.
	50/500	—	—	Greenville, N. Carolina	U.S.A.
	15/120	—	—	Moscow, Russia	U.S.S.R.
	1/50	—	—	Vienna	Austria
	50	—	CHRX	Sackville, N.B.	Canada
	75/100	—	—	Munich (V.o.A.)	Germany (West)
	20/100	—	VUD	Delhi	India
17-740	7.5/10	—	APD	Dacca	Pakistan
	50	—	—	Tunis	Tunisia
	50/200	—	KNBH	Dixon, Cal.	U.S.A.
	25/100	—	—	Vatican City	Vatican State
17-745	100	—	—	Tema	Ghana
	20/100	—	VUD	Delhi	India
	50/100	—	—	Rome	Italy
	100	—	—	Beirut	Lebanon
	50/100	—	GRQ	Overseas Service*	U.K.
	15/120	—	—	Moscow, Russia	U.S.S.R.
	1/50	—	—	Vienna	Austria
	15/240	—	—	Peking	China
	20/50	—	—	Lampertheim (R.L.)	Germany (West)
	7.5	—	—	Athens	Greece
17-750	50	—	APK	Karachi	Pakistan
	50	—	—	Malolos, Luzon (V.o.A.)	Philippines
	20/50	—	—	Playa de Pals (R.L.)	Spain
	20	—	—	Sabboura	Syria
	50/100	—	—	Overseas Service*	U.K.
	—	—	—	Kaunas, Lithuania	U.S.S.R.
	35	—	—	Colombo (V.o.A.)	Ceylon
	100	—	—	Havana	Cuba
	100	—	—	Podebrady	Czechoslovakia
	50/100	—	—	Al Kuwait	Kuwait
17-755	35/100	—	—	Tangier (V.o.A.)	Morocco
	10/50	—	APK	Karachi	Pakistan
	50/500	—	—	Greenville, N. Carolina	U.S.A.
	15/120	—	—	Moscow, Russia	U.S.S.R.
	100	—	OLR	Podebrady	Czechoslovakia
	50/100	—	JOA17	Tokio	Japan
17-755	7.5/100	—	—	Tebrau, Malaya (B.B.C.)	Malaysia
	10/100	—	LLW	Fredrikstad	Norway
	50/100	—	—	Overseas Service*	U.K.



Mc/s	Metres	kW	Call	Station and Country	
(17-755)(16-90)	50/500	—	—	Greenville, N. Carolina	U.S.A.
	25/100	WGEO	—	Schenectady, N.Y.	U.S.A.
	15/120	—	—	Moscow, Russia	U.S.S.R.
17-760	16-89	1/50	OEI705	Vienna	Austria
		50/100	—	Cairo	Egypt
		—	—	Berlin	Germany (East)
		20/100	VUD	Delhi	India
		10/50	APK	Karachi	Pakistan
		50/80	WRUL	Boston, Mass.	U.S.A.
17-765	16-89	15/120	—	Moscow, Russia	U.S.S.R.
		1/50	—	Vienna	Austria
		100	—	Allouis	France
		50/200	KCBR	Delano, Cal.	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
17-770	16-88	1/50	—	Vienna	Austria
		20	—	Addis Ababa	Ethiopia
		50/100	—	Rome	Italy
		35/100	—	Tangier (V.o.A.)	Morocco
		50/200	KCBR	Delano, Cal.	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
17-775	16-88	100	—	Podebrady	Czechoslovakia
		4	—	Bamako	Mali
		10/100	PHI	Lopik-IJsselstein	Netherlands
		7-5/50	—	Poro (V.o.A.)	Philippines
17-780	16-87	15/120	—	Moscow, Russia	U.S.S.R.
		1/50	—	Vienna	Austria
		15/240	—	Peking	China
		75/100	—	Munich (V.o.A.)	Germany (West)
		10/100	VUB	Bombay	India
		50/100	—	Overseas Service*	U.K.
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
17-785	16-87	25/100	—	Vatican City	Vatican State
		50/100	—	Cairo	Egypt
		1/50	—	Taipei	Formosa
		20/50	—	Lampertheim (R.L.)	Germany (West)
		50	—	Monrovia (V.o.A.)	Liberia
17-790	16-86	50	—	Monrovia (V.o.A.)	Liberia
		50/100	GSG	Overseas Service*	U.K.
		15/120	—	Moscow, Russia	U.S.S.R.
17-795	16-86	50/100	JOA17	Tokio	Japan
		100	HER7	Schwarzenburg	Switzerland
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
17-800	16-85	15/120	—	Moscow, Russia	U.S.S.R.
		1/50	OEI74	Vienna	Austria
		100	—	Sofia	Bulgaria
		35	—	Colombo (V.o.A.)	Ceylon
		20/100	VUD	Delhi	India
		50/100	—	Rome	Italy
		10/100	—	Lopik-IJsselstein	Netherlands
		7-5/100	—	Warsaw	Poland
		50/100	—	Overseas Service*	U.K.
17-805	16-85	110	WLWO	Cincinnati, Ohio	U.S.A.
		—	—	Tallinn, Estonia	U.S.S.R.

Mc/s	Metres	kW	Call	Station and Country			
17-810	16-84	15/240	—	Peking	China		
		20	—	Addis Ababa	Ethiopia		
		50	YDF4	Djarkarta, Java	Indonesia		
		10/100	—	Lopik-IJsselstein	Netherlands		
		2/100	DZI16	Bocaue, Luzon	Philippines		
		50/100	GSV	Overseas Service*	U.K.		
		50/80	WRUL	Boston, Mass.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		17-815	16-84	10	—	Sao Paulo	Brazil
				100	—	Havana	Cuba
1/50	BED63			Taipei	Formosa		
20/100	DMQ17			Jülich	Germany (West)		
50	—			Suwon	Korea (South)		
—	—			Lwow, Ukraine	U.S.S.R.		
17-820	16-84	100	—	Shepparton, Victoria	Australia		
		50	CKNC	Sackville, N.B.	Canada		
		7.5	—	Colombo	Ceylon		
		100	—	Havana	Cuba		
		100	TAV	Ankara	Turkey		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
17-825	16-83	1/50	—	Vienna	Austria		
		—	—	Berlin	Germany (East)		
		10/100	LLN	Fredrikstad	Norway		
		50/100	—	Overseas Service*	U.K.		
		15/120	—	Moscow, Russia	U.S.S.R.		
17-827	16-83	100	TAV	Ankara	Turkey		
17-830	16-83	1/50	—	Vienna	Austria		
		75/100	—	Munich (V.o.A.)	Germany (West)		
		20/100	VUD	Delhi	India		
		50/80	WRUL	Boston, Mass.	U.S.A.		
		50	WBOU	Bound Brook, N.J.	U.S.A.		
		110	WLWO	Cincinnati, Ohio	U.S.A.		
		50/200	KCBR	Delano, Cal.	U.S.A.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
17-835	16-82	25/100	WGEO	Schenectady, N.Y.	U.S.A.		
		100	—	Wavre	Belgium		
		15/240	—	Peking	China		
		15/120	—	Moscow, Russia	U.S.S.R.		
17-840	16-82	50/100	VLA/D	Shepparton, Victoria	Australia		
		1/50	—	Vienna	Austria		
		50	—	Monrovia (V.o.A.)	Liberia		
		10/100	—	Lopik-IJsselstein	Netherlands		
		100	—	Hörby	Sweden		
		50/100	—	Overseas Service*	U.K.		
		50/500	—	Greenville, N. Carolina	U.S.A.		
		15/120	—	Moscow, Russia	U.S.S.R.		
		25/100	HVJ	Vatican City	Vatican State		
		17-845	16-82	1/50	—	Vienna	Austria
100	ORU			Wavre	Belgium		
20/100	DMQ17			Jülich	Germany (West)		
35/100	—			Poro (V.o.A.)	Philippines		
100	—			Hörby	Sweden		
100	—			Schwarzenburg	Switzerland		
20/80	WRUL			Bostorf, Mass.	U.S.A.		

Mc/s	Metres	kW	Call	Station and Country	
17-848	16-81	100	—	Havana	Cuba
17-850	16-81	1/50	—	Vienna	Austria
		1/50	—	Taipei	Formosa
		100	—	Allouis	France
		100	—	Bucharest	Rumania
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/200	KNBH	Dixon, Cal.	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
17-855	16-81	1/50	OEI707	Vienna	Austria
		100	—	Havana	Cuba
		20/100	VUD	Delhi	India
		35/100	—	Tangier (V.o.A.)	Morocco
		35/100	—	Poro (V.o.A.)	Philippines
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
17-860	16-80	100	ORU	Wavre	Belgium
		50	—	Djakarta, Java	Indonesia
		50/100	—	Overseas Service*	U.K.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
		—	—	Tashkent, Uzbek	U.S.S.R.
		25/100	HVJ	Vatican City	Vatican State
17-865	16-80	50	CHYS	Sackville, N.B.	Canada
		20/50	—	Lampertheim (R.L.)	Germany (W.)
		100	—	Tema	Ghana
		20	—	Damascus	Syria
17-870	16-79	100	—	Shepparton, Victoria	Australia
		100	ORU	Wavre	Belgium
		—	—	Nicosia (B.B.C.)	Cyprus
		20/100	—	Jülich	Germany (West)
		50	—	Monrovia (V.o.A.)	Liberia
		35/100	—	Poro (V.o.A.)	Philippines
		50/100	GRP	Overseas Service*	U.K.
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
17-875	16-79	1/50	OEI702	Vienna	Austria
		1	PRL4	Rio de Janeiro	Brazil
		50/100	—	Cairo	Egypt
		20/100	DMQ17	Jülich	Germany (West)
		50	—	Djakarta, Java	Indonesia
		10/100	—	Tokio	Japan
		20/50	—	Playa de Pals (R.L.)	Spain
		10	—	Montevideo	Uruguay
17-880	16-78	7.5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		100	CSA	Lisbon	Portugal
		50/100	—	Overseas Service*	U.K.
		50/80	WRUL	Boston, Mass.	U.S.A.
		50	—	Petropavlovsk, Russia	U.S.S.R.
17-882	16-78	15/240	—	Peking	China
17-885	16-78	75/100	—	Munich (V.o.A.)	Germany (West)
		7.5/100	—	Warsaw	Poland
		20	—	Paradys	South Africa
		20/50	—	Playa de Pals (R.L.)	Spain
		50/500	—	Greenville, N. Carolina	U.S.A.

Mc/s	Metres	kW	Call	Station and Country	
(17-885)	(16-78)	—	—	Kaunas, Lithuania	U.S.S.R.
		15/120	—	Moscow, Russia	U.S.S.R.
17-890	16-77	1/50	—	Vienna	Austria
		1/30	HCJB	Quito	Ecuador
		20/50	BED77	Minhsiung	Formosa
		7-5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		10/50	APK	Karachi	Pakistan
		50/100	GVO	Overseas Service*	U.K.
17-895	16-76	1/50	—	Vienna	Austria
		20/50	—	Lampertheim (R.L.)	Germany (West)
		10/100	—	Tokio	Japan
		10/50	APK	Karachi	Pakistan
		50/100	CSA43	Lisbon	Portugal
		—	—	Kaunas, Lithuania	U.S.S.R.
		10	CXA54	Montevideo	Uruguay
17-905	16-76	50/100	—	Cairo	Egypt
17-910	16-75	100	—	Tema	Ghana
17-920	16-74	50/100	—	Cairo	Egypt
18-080	16-59	50/100	—	Overseas Service*	U.K.
18-180	16-50	50/100	—	Overseas Service*	U.K.
18-287	16-42	15/120	—	Moscow, Russia	U.S.S.R.
18-345	16-36	50/100	—	Overseas Service*	U.K.
18-375	16-33	15/240	—	Peking	China
18-735	16-01	25	—	Sana'a	Yemen
18-858	15-91	25	—	Sana'a	Yemen
21-437	13-99	100	—	Tema	Ghana
21-450	13-99	100	OLR	Podebrady	Czechoslovakia
21-455	13-99	100	—	Podebrady	Czechoslovakia
		—	—	Berlin	Germany (East)
		35/100	—	Tangier (V.o.A.)	Morocco
		—	—	Ikorodu	Nigeria
		50/100	—	Overseas Service*	U.K.
21-460	13-98	100	—	Havana	Cuba
		50	—	Djakarta, Java	Indonesia
		20/80	WRUL	Boston, Mass.	U.S.A.
		50/200	KCBR	Delano, Cal.	U.S.A.
21-464	13-98	7-5	APD	Dacca	Pakistan
21-465	13-98	50	—	Djakarta, Java	Indonesia
		—	—	Ikorodu	Nigeria
		50/500	—	Greenville, N. Carolina	U.S.A.
21-470	13-97	50/100	GSH	Overseas Service*	U.K.
21-475	13-97	1/50	—	Vienna	Austria
		7-5/100	—	Warsaw	Poland
		—	—	Novosibirsk, Russia	U.S.S.R.
		—	—	Simferopol, Russia	U.S.S.R.
21-480	13-97	10/100	—	Lopik-IJsselstein	Netherlands
		25/100	—	Vatican City	Vatican State
21-485	13-96	110	WLWO	Cincinnati, Ohio	U.S.A.
		25/100	—	Vatican City	Vatican State
21-490	13-96	50/100	—	Overseas Service*	U.K.
		25/100	HVJ	Vatican City	Vatican State
21-495	13-95	100	CSA67	Lisbon	Portugal
21-500	13-95	100	ORU	Wavre	Belgium
		4/50	FZI	Brazzaville	Congo
		20/80	WRUL	Boston, Mass.	U.S.A.

Mc/s	Metres	kW	Call	Station and Country	
21-505	13-95	15/120	—	Moscow, Russia	U.S.S.R.
21-510	13-95	100	ORU	Wavre	Belgium
		100	—	Conakry	Guinea Rep.
		100	WLWO	Cincinnati, Ohio	U.S.A.
21-515	13-94	4	DZI8	Manila, Luzon	Philippines
		25/100	HVJ	Vatican City	Vatican State
21-520	13-94	5	4VWI	Cap Haitien	Haiti
		100	HER8	Schwarzenburg	Switzerland
		15/120	—	Moscow, Russia	U.S.S.R.
21-525	13-94	10	—	Al Kuwait	Kuwait
21-530	13-93	50/100	GSJ	Overseas Service*	U.K.
		—	—	Leningrad, Russia	U.S.S.R.
		25/100	—	Vatican City	Vatican State
21-535	13-93	20	ELWA	Monrovia	Liberia
21-540	13-93	50/100	VLA/D	Shepparton, Victoria	Australia
		1/50	OEI80	Vienna	Austria
		35/100	—	Tangier (V.o.A.)	Morocco
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
21-545	13-92	100	—	Tema	Ghana
		15/120	—	Moscow, Russia	U.S.S.R.
21-550	13-92	50/100	GST	Overseas Service*	U.K.
		15/120	—	Moscow, Russia	U.S.S.R.
		25/100	—	Vatican City	Vatican State
21-555	13-92	—	—	Leningrad, Russia	U.S.S.R.
		15/120	—	Moscow, Russia	U.S.S.R.
21-560	13-91	50/100	—	Rome	Italy
		10	—	Achkhabad, Turkmenia	U.S.S.R.
21-565	13-91	10/100	—	Lopik-IJsselstein	Netherlands
21-570	13-91	50	WBOU	Bound Brook, N.J.	U.S.A.
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50	WDSI	Wayne, N.J.	U.S.A.
21-575	13-91	100	—	Madrid	Spain
		50/100	—	Overseas Service*	U.K.
		15/120	—	Moscow, Russia	U.S.S.R.
21-580	13-90	100	—	Allouis	France
		20/100	VUD	Delhi	India
		10	—	Goa	India
21-585	13-90	75/100	—	Munich (V.o.A.)	Germany (West)
		—	—	Minsk, Byelorussia	U.S.S.R.
21-590	13-90	—	—	Pyongyang	Korea (South)
		50/100	APK	Karachi	Pakistan
		50/100	—	Overseas Service*	U.K.
		50/200	KCBR	Delano, Cal.	U.S.A.
		50/200	KNBH	Dixon, Cal.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		25/100	WGEO	Schenectady, N.Y.	U.S.A.
21-595	13-90	75/100	—	Munich (V.o.A.)	Germany (West)
		50/100	—	Overseas Service*	U.K.
21-600	13-89	100	VLA/E	Shepparton, Victoria	Australia
		50	CKRP	Sackville, N.B.	Canada
		100	—	Havana	Cuba
		7-5/100	—	Warsaw	Poland
		—	—	Leningrad, Russia	U.S.S.R.

Mc/s	Metres	kW	Call	Station and Country	
21·605	13·89	35/100	—	Tangier (V.o.A.)	Morocco
		100	HEI9	Schwarzenburg	Switzerland
21·610	13·89	7·5/100	—	Tebrau, Malaya (B.B.C.)	Malaysia
		50/100	—	Overseas Service*	U.K.
		110	WLWO	Cincinnati, Ohio	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
21·615	13·88	20/100	VUD	Delhi	India
		50/100	—	Overseas Service*	U.K.
21·620	13·88	100	—	Allouis	France
		50/100	—	Overseas Service*	U.K.
21·625	13·87	100	—	Podebrady	Czechoslovakia
		10/100	—	Lopik-IJsselstein	Netherlands
		15/120	—	Moscow, Russia	U.S.S.R.
21·626	13·87	4/50	FZI	Brazzaville	Congo
21·630	13·87	120	—	Sofia	Bulgaria
		50/100	GVT	Overseas Service*	U.K.
21·640	13·86	100	OLR	Podebrady	Czechoslovakia
		50/100	GRZ	Overseas Service*	U.K.
		2	—	Baku, Azerbaijan	U.S.S.R.
21·645	13·86	20/100	—	Jülich	Germany (West)
		10/100	VUB	Bombay	India
		50	WBOU	Bound Brook, N.J.	U.S.A.
		50/500	—	Greenville, N. Carolina	U.S.A.
		50	WDSI	Wayne, N.J.	U.S.A.
21·650	13·86	20/100	DMQ21	Jülich	Germany (West)
		50	WDSI	Brentwood, N.Y.	U.S.A.
		50/200	KNBH	Dixon, Cal.	U.S.A.
21·655	13·85	35/100	—	Poro (V.o.A.)	Philippines
		15/120	—	Moscow, Russia	U.S.S.R.
21·660	13·85	50/100	MCX	Overseas Service*	U.K.
		50/200	KNBH	Dixon, Cal.	U.S.A.
21·665	13·85	10/100	—	Lopik-IJsselstein	Netherlands
		25/100	—	Vatican City	Vatican State
21·670	13·84	1/50	—	Vienna	Austria
		5	LLP	Fredrikstad	Norway
		50/100	—	Greenville, N. Carolina	U.S.A.
21·675	13·84	50/100	GVR	Overseas Service*	U.K.
21·680	13·84	50/100	VLA/D	Shepparton, Victoria	Australia
		50/100	—	Overseas Service*	U.K.
21·685	13·83	7·5	APD	Dacca	Pakistan
21·690	13·83	20	—	Paradys	South Africa
		50/500	—	Greenville, N. Carolina	U.S.A.
		15/120	—	Moscow, Russia	U.S.S.R.
21·695	13·83	35/100	—	Tangier (V.o.A.)	Morocco
		15/120	—	Moscow, Russia	U.S.S.R.
21·700	13·83	50	CSA	Lisbon	Portugal
21·705	13·82	100	—	Havana	Cuba
		20/100	DMQ	Jülich	Germany (West)
		35/100	—	Tangier (V.o.A.)	Morocco
21·710	13·82	50	CHLA	Sackville, N.B.	Canada
		50/100	GVS	Overseas Service*	U.K.
21·715	13·82	100	—	Wavre	Belgium
		20/50	—	Minhsiung	Formosa
		10/100	—	Lopik-IJsselstein	Netherlands
21·720	13·81	50	WBOU	Bound Brook, N.J.	U.S.A.

Mc/s	Metres	kW	Call	Station and Country	
(21·720)(13·81)		50/500	—	Greenville, N. Carolina	U.S.A.
21·725	13·81	100	ORU	Wavre	Belgium
		7·5/100	—	Warsaw	Poland
21·730	13·81	1/50	—	Vienna	Austria
		20/100	DMQ21	Jülich	Germany (West)
		5	LLQ	Fredrikstad	Norway
21·732	13·80	20/50	—	Minhsiung	Formosa
21·735	13·80	50	WDSI	Wayne, N.J.	U.S.A.
		5	—	Tashkent, Uzbek	U.S.S.R.
21·740	13·80	50/100	MCY	Overseas Service*	U.K.
		50/500	—	Greenville, N. Carolina	U.S.A.
		50	WDSI	Wayne, N.J.	U.S.A.
21·745	13·80	50/200	KCBR	Delano, Cal.	U.S.A.
25·610	11·71	10/100	—	Lopik-IJsselstein	Netherlands
25·630	11·70	50/200	KCBR	Delano, Cal.	U.S.A.
25·650	11·70	50/100	—	Overseas Service*	U.K.
25·660	11·69	15/240	—	Peking	China
25·670	11·69	50/100	—	Overseas Service*	U.K.
25·720	11·67	50/100	GSR	Overseas Service*	U.K.
25·735	11·66	50/100	VLA/D	Shepparton, Victoria	Australia
25·750	11·65	50/100	GSQ	Overseas Service*	U.K.
25·780	11·64	25/100	HVP23	Vatican City	Vatican State
25·795	11·63	15	—	Alma Ata, Kazak	U.S.S.R.
25·840	11·62	50/100	GSS	Overseas Service*	U.K.
25·880	11·60	35/100	—	Tangier (V.o.A.)	Morocco
25·900	11·59	5/100	LLA	Fredrikstad	Norway
25·935	11·57	15/120	—	Moscow, Russia	U.S.S.R.
25·945	11·56	1/50	OEI91	Vienna	Austria
26·040	11·52	10/100	—	Lopik-IJsselstein	Netherlands
		50/100	—	Overseas Service*	U.K.
		50	WBOU	Bound Brook, N.J.	U.S.A.
26·080	11·50	50/100	GSK	Overseas Service*	U.K.

\* B.B.C. short-wave transmitters in the U.K. are located at Daventry, Northants; Skelton, Cumberland; Woofferton, Shropshire; and Rampisham, Dorset. Frequencies, calls and power are interchangeable.

## Geographical List of Short-wave Stations of the World

	Mc/s		Mc/s		Mc/s
ADEN		Luanda	4-955	Perth, W.A.	15-425
Kormaksar	5-060		6-025	Shepparton,	
			7-265	Victoria	7-190
AFGHANISTAN			9-630		7-220
Kabul	4-040		9-760		9-540
	4-079		9-765		9-570
	4-785		11-755		9-580
	5-006		17-705		9-590
	6-000	Lubango	5-022		9-600
	7-200	Malange	7-245		11-710
	9-570	Nova Lisboa	4-852		11-740
	9-590		5-060		11-760
	9-600		7-160		11-790
	9-610		9-665		11-810
	9-635		11-925		11-830
	9-685	Nova Redondo	6-000		11-840
	9-770	Sa da Bandeira	5-024		11-890
	11-955		9-675		11-955
	15-135		11-940		15-180
	15-220	Silva Porto	4-842		15-220
	15-225		7-105		15-240
	15-270	ARGENTINA			15-315
	15-485	Buenos Aires	5-985		15-330
ALBANIA			6-060		15-370
Scutari	8-215		6-090		17-820
Tirana	4-965		6-120		17-840
	6-400		6-190		17-870
	7-088		9-660		21-540
	7-851		9-690		21-600
	9-386		9-708		21-680
	9-715		9-740		25-735
	14-772		9-760	Sydney, N.S.W.	6-090
ALGERIA			11-780		
Algiers	6-080		11-880	AUSTRIA	
	6-145		15-290	Innsbruck	6-000
	6-160		15-345	Vienna	6-155
	7-170	Mendoza	6-180		7-155
	7-290				7-200
	9-610	AUSTRALIA			7-230
	9-685	Brisbane, Qld.	4-920		7-245
	11-835		9-660		9-525
ANDORRA		Lyndhurst,			9-543
Andorra	5-995	Victoria	6-150		9-605
	6-197		7-190		9-655
	6-360		9-680		9-770
ANGOLA			11-880		11-755
Benguela	5-042		15-230		11-785
	9-502		17-715		15-155
Carmona	6-135	Perth, W.A.	4-897		15-240
Dondo	9-615		6-140		15-255
Lobito	5-033		9-610		15-295
Luanda	4-868		11-840		15-305



	Mc/s		Mc/s		Mc/s
<b>Austria—cont.</b>		<b>Wavre</b>	17-835	<b>Fortaleza</b>	15-165
<b>Vienna</b>	15-315		17-845	<b>Gaucha</b>	11-915
	15-325		17-860	<b>Goiana</b>	4-995
	15-405		17-870		5-035
	15-410		21-500		9-755
	17-720		21-510		11-735
	17-725		21-715		11-815
	17-735		21-725	<b>Juiz de Fora</b>	4-925
	17-745	<b>BOLIVIA</b>		<b>Manaos</b>	4-805
	17-760	<b>Cobija</b>	6-055		4-895
	17-765	<b>Cochabamba</b>	5-975		9-693
	17-770	<b>La Paz</b>	4-895	<b>Natal</b>	4-935
	17-780		4-986	<b>Petropolis</b>	4-815
	17-800		5-955	<b>Pocos de Caldas</b>	4-885
	17-825		5-975		9-645
	17-830		6-125	<b>Porto Alegre</b>	5-965
	17-840		6-155		6-135
	17-845		6-185		9-730
	17-850		9-440		11-785
	17-855		9-505		15-335
	17-875		9-555	<b>Recife</b>	3-265
	17-890		11-765		6-015
	17-895		15-155		6-085
	21-475	<b>Oruro</b>	6-055		11-825
	21-540	<b>Potosi</b>	9-605		11-865
	21-670	<b>Sucre</b>	9-715		15-145
	21-730	<b>Tarija</b>	6-195	<b>Ribeirao Preto</b>	3-265
	21-945				15-415
<b>AZORES</b>		<b>BORNEO</b>		<b>Rio de Janeiro</b>	3-385
<b>Punta Delgada</b>	4-866	(See Indonesia)			4-875
					4-905
<b>BALI</b>		<b>BRAZIL</b>			5-015
(See Indonesia)		<b>Aparecida</b>	3-285		5-045
			9-635		5-990
<b>BECHUANALAND</b>		<b>Aquidauana</b>	5-025		6-035
<b>Lobatsi</b>	3-355	<b>Araquara</b>	4-915		6-065
<b>Mafeking</b>	5-902	<b>Bahia</b>	3-345		6-115
		<b>Baura</b>	3-275		6-146
<b>BELGIUM</b>		<b>Belem</b>	4-865		9-575
<b>Wavre</b>	6-000		15-245		9-610
	6-140	<b>Braganca</b>	4-945		9-705
	6-180	<b>Brasilia</b>	6-065		9-720
	9-670		9-655		9-775
	9-705		9-665		11-775
	9-710		11-720		11-795
	9-720		15-440		11-805
	9-735	<b>Campin Grande</b>	3-325		11-950
	9-745	<b>Campinas</b>	4-755		15-105
	11-720	<b>Campos</b>	4-955		15-295
	11-740	<b>Cuiaba</b>	5-055		15-370
	11-785	<b>Curityba</b>	6-045		17-875
	11-805		9-545	<b>Salvador</b>	11-875
	11-850	<b>Florianopolis</b>	5-975	<b>Sao Luiz</b>	4-785
	15-335	<b>Fortaleza</b>	4-776		4-975
	15-340		4-813	<b>Sao Paulo</b>	4-775
	15-435		6-105		5-955

	Mc/s		Mc/s		Mc/s
<b>Brazil—cont.</b>		<b>Pnompenh</b>	9-595	<b>CENTRAL</b>	
<b>Sao Paulo</b>	6-055		9-695	<b>AFRICAN REP.</b>	
	6-095		9-755	<b>Bangui</b>	5-035
	6-125		11-950		6-100
	6-165		11-970		7-200
	6-185		15-225	<b>CEYLON</b>	
	9-505		17-710	<b>Colombo</b>	3-395
	9-585	<b>CAMEROON</b>			4-870
	9-620	<b>Duala</b>	6-115		4-900
	9-685	<b>Garoura</b>	5-010		4-965
	9-745		7-240		5-020
	11-745	<b>Yaounde</b>	4-971		6-005
	11-764		6-040		6-075
	11-924		7-205		6-130
	11-965	<b>CANADA</b>			6-185
	15-135	<b>Halifax, N.S.</b>	6-130		7-110
	15-155	<b>Montreal,</b>			7-190
	17-815	<b>Quebec</b>	6-005		7-275
<b>Vitoria</b>	5-055	<b>Sackville, N.B.</b>	5-955		9-520
			5-970		9-560
<b>BRITISH GUIANA</b>			5-990		9-670
<b>Georgetown</b>	3-265		6-010		11-770
	5-981		6-060		11-800
<b>BRITISH</b>			6-120		11-875
<b>HONDURAS</b>			6-160		11-920
<b>Belize</b>	3-300		9-585		11-960
			9-625		15-120
<b>BULGARIA</b>			9-630		15-165
<b>Sofia</b>	6-070		9-655		15-205
	6-170		9-740		15-230
	7-255		11-705		15-235
	7-290		11-720		15-265
	7-670		11-760		15-270
	9-560		11-900		15-386
	9-635		11-945		15-415
	9-700		15-105		17-750
	11-850		15-190		17-800
	15-330		15-255		17-820
	17-800		15-275	<b>CHAD</b>	
	21-630		15-320	<b>Fort Lamy</b>	4-905
<b>BURMA</b>			17-710		6-165
<b>Rangoon</b>	4-725		17-735		9-585
	4-795		17-820		9-615
	5-040		17-865	<b>CHILE</b>	
	6-035		21-595	<b>Antofagasta</b>	6-010
	7-120		21-600		6-045
	7-125		21-710		6-070
	9-685	<b>Sydney, N.S.</b>	6-010	<b>Arica</b>	9-500
<b>BURUNDI</b>		<b>Toronto, Ont.</b>	6-070	<b>Santiago</b>	5-750
<b>Kigali</b>	6-050				6-110
<b>Usumbura</b>	4-798	<b>CAPE VERDE IS.</b>			9-500
	6-195	<b>Praia</b>	3-960		9-598
<b>CAMBODIA</b>		<b>Sao Vicente</b>	3-950		9-700
<b>Pnompenh</b>	4-905				11-740
	6-090	<b>CELEBES</b>			11-800
	7-290	<b>(See Indonesia)</b>			11-850

	Mc/s		Mc/s		Mc/s
Chile—cont.					
Santiago	11·900	Peking	7·035	Peking	11·715
	11·940		7·060		11·730
	11·960		7·080		11·740
	15·150		7·100		11·780
Valparaiso	6·150		7·115		11·800
			7·170		11·820
			7·180		11·885
CHINA			7·205		11·925
Hangchow	2·475		7·270		11·945
Lanchow	7·325		7·305		11·960
Lhasa, Tibet	5·935		7·315		11·975
	9·500		7·335		11·980
Huhetot, Inner			7·350		12·005
Mongolia	6·840		7·480		12·010
	6·985		7·500		12·055
Peking	3·225		7·620		12·095
	3·270		7·660		13·845
	3·390		7·700		14·820
	3·800		8·660		15·040
	3·915		9·064		15·059
	3·960		9·170		15·080
	3·990		9·180		15·095
	4·020		9·385		15·115
	4·035		9·390		15·270
	4·130		9·456		15·370
	4·220		9·470		15·417
	4·250		9·480		15·480
	4·410		9·510		15·500
	4·460		9·525		15·545
	4·620		9·550		15·550
	4·770		9·565		15·555
	4·960		9·570		15·574
	5·030		9·595		15·610
	5·220		9·620		15·710
	5·505		9·650		15·880
	5·562		9·690		15·960
	5·880		9·717		16·270
	5·915		9·735		17·490
	5·940		9·775		17·605
	5·950		9·785		17·675
	5·970		9·800		17·745
	6·000		9·860		17·780
	6·025		9·920		17·810
	6·065		9·945		17·835
	6·080		9·972		17·882
	6·108		10·262		18·375
	6·125		10·487		25·660
	6·150		11·110	Urumchi	4·485
	6·180		11·200		6·270
	6·210		11·290		7·051
	6·225		11·515		7·095
	6·270		11·600		7·385
	6·595		11·630		10·425
	6·790		11·650	COLOMBIA	
	6·925		11·685	Armenia	4·795
	6·995		11·695	Barranquilla	4·779

	<b>Mc/s</b>		<b>Mc/s</b>		<b>Mc/s</b>
<b>Colombia—cont.</b>		<b>Brazzaville</b>	9-770	<b>Havana</b>	9-625
Barranquilla	4-897		11-710		9-655
Bogota	3-288		11-725		9-670
	4-895		11-825		9-675
	4-945		11-930		9-765
	4-955		11-970		11-760
	4-965		15-190		11-865
	5-010		15-446		11-875
	5-960		17-720		11-908
	6-020		21-500		11-920
	6-125		21-626		11-960
	6-160	<b>Coquilhatville</b>	5-995		11-970
	6-183		9-700		15-135
<b>Bucaramanga</b>	4-845	<b>Elizabethville</b>	3-390		15-155
<b>Cali</b>	4-764		3-950		15-200
	4-910		4-980		15-285
	6-053		5-900		15-290
	6-115		5-935		15-340
	6-135		5-955		17-705
	6-195		9-540		17-720
<b>Cartagena</b>	4-925		11-870		17-750
	4-965	<b>Leopoldville</b>	3-250		17-815
<b>Cucuta</b>	4-818		3-995		17-820
<b>Ibague</b>	4-935		4-875		17-848
	6-040		6-010		17-855
<b>Manizales</b>	5-020		6-296		21-460
<b>Medellin</b>	5-055		7-115		21-600
	5-980		7-175		21-705
<b>Neiva</b>	4-856		7-265	<b>CYPRUS</b>	
<b>Pasto</b>	4-825		9-610	<b>Limassol</b>	6-120
<b>Pereira</b>	4-868		9-640		6-170
	5-998		9-700		7-120
	6-010		11-720		7-130
<b>Popayan</b>	4-915		11-755		7-140
<b>Quibdo</b>	5-042		11-795		9-650
<b>Sutatenza</b>	5-075		11-910		11-718
	5-095		11-970	<b>Nicosia</b>	15-185
	6-075		15-245		15-220
<b>Tunja</b>	5-985	<b>Luluabourg</b>	6-125		17-700
		<b>Stanleyville</b>	6-080		17-710
<b>COMORO IS.</b>					17-870
Dzaoudzi	7-260	<b>COSTA RICA</b>			
		<b>San Jose</b>	6-006	<b>CZECHOSLOVAKIA</b>	
<b>CONGO</b>			6-037	<b>Podebrady</b>	5-930
<b>Bakavu</b>	4-808		6-075		5-935
	4-838		6-150		6-010
<b>Brazzaville</b>	3-265		6-215		6-025
	4-830		9-616		6-055
	5-970		9-645		6-115
	5-985	<b>CUBA</b>			6-135
	7-105	<b>Havana</b>	5-990		6-155
	7-150		6-015		6-170
	7-175		6-434		6-230
	9-545		9-025		7-130
	9-715		9-362		7-185
	9-730		9-565		7-235

	Mc/s		Mc/s		Mc/s
<b>Czechoslovakia—cont.</b>		<b>Santo Domingo</b>	5-970	<b>Cairo</b>	9-805
<b>Podebrady</b>	7-345		6-018		11-415
	9-505		6-110		11-660
	9-515		6-308		11-745
	9-550		9-505		11-805
	9-585				11-840
	9-605	<b>DUTCH GUIANA</b>			11-915
	9-670	<b>Paramaribo</b>	15-464		11-930
	9-680				11-990
	9-765	<b>DUTCH NEW</b>			15-115
	9-795	<b>GUINEA</b>			15-180
	11-725	<b>Bosnek, Biak</b>	5-045		15-210
	11-745		6-070		15-260
	11-795		7-230		15-265
	11-835				15-310
	11-840	<b>ECUADOR</b>			15-350
	11-875	<b>Ambato</b>	6-205		15-432
	11-905	<b>Esmeraldas</b>	3-844		15-455
	11-925	<b>Guayaquil</b>	4-650		15-475
	11-945	<b>Portoviejo</b>	4-700		17-671
	11-983	<b>Quito</b>	4-880		17-690
	11-990		4-910		17-730
	15-120		4-928		17-760
	15-245		4-940		17-785
	15-285		6-050		17-875
	15-420		9-745		17-905
	15-445		11-915		17-920
	17-730		15-115	<b>EIRE</b>	
	17-750		17-890	<b>Curragh</b>	17-544
	17-775	<b>EGYPT</b>			
	21-450	<b>Cairo</b>	5-675	<b>ETHIOPIA</b>	
	21-455		5-715	<b>Addis Ababa</b>	4-905
	21-640		6-080		5-010
<b>DAHOMEY</b>			6-105		5-955
<b>Cotonou</b>	4-875		6-217		5-965
	7-190		7-051		6-010
<b>DENMARK</b>			7-075		6-135
<b>Copenhagen</b>	7-306		7-140		6-140
	9-520		7-180		6-150
	9-525		7-205		6-185
	15-165		7-215		7-120
	15-295		9-402		7-185
			9-456		7-235
<b>DOMINICAN</b>			9-475		7-240
<b>REPUBLIC</b>			9-493		7-290
<b>Ciudad Trujillo</b>	9-485		9-500		9-505
	9-735		9-545		9-560
	15-050		9-630		9-575
<b>La Romana</b>	4-815		9-635		9-610
<b>Santiago</b>	4-980		9-685		9-645
<b>Santo Domingo</b>	3-213		9-715		9-665
	3-285		9-750		9-675
	3-320		9-755		9-680
	3-345		9-775		9-695
	4-784		9-785		9-705
	4-880		9-795		9-760

	Mc/s		Mc/s		Mc/s
<b>Ethiopia—cont.</b>		<b>Taipei</b>	9-660	<b>FRENCH SUDAN</b>	
Addis Ababa	11-760		9-675	Bamako	4-835
	11-930		9-685		
	15-185		9-690	<b>GABON</b>	
	15-220		9-720	Libreville	4-777
	15-230		9-745		4-814
	15-300		9-800		4-864
	15-340		11-725		6-032
	15-410		11-825		7-270
	17-770		11-860		
	17-810		11-920	<b>GAMBIA</b>	
Gimma	11-955		15-175	Bathurst	4-820
			15-225		
			15-278	<b>GERMANY, EAST</b>	
<b>FIJI ISLANDS</b>			15-295	Berlin	6-020
Suva	3-232		15-345		6-060
	3-255		15-395		6-080
	3-283		17-785		6-115
	3-936		17-815		6-190
	3-980		17-850		6-312
	4-757	<b>FRANCE</b>			7-130
	4-785	Allouis	3-912		7-215
<b>FINLAND</b>			5-955		7-240
Pori	6-120		5-980		7-270
	9-555		6-145		7-285
	11-805		6-160		7-290
	15-185		6-175		7-295
	15-190		7-160		7-300
<b>FORMOSA</b>			7-170		9-540
Chiayi	15-318		7-240		9-550
Minhsiung	17-890		7-280		9-560
	21-715		9-560		9-650
	21-732		9-570		9-725
Taipei	3-375		9-585		9-730
	4-770		9-620		11-410
	5-110		9-680		11-720
	5-960		9-755		11-730
	5-980		11-845		11-795
	5-985		11-885		11-855
	5-995		11-920		11-875
	6-040		15-130		11-920
	6-090		15-160		15-155
	6-103		15-245		15-210
	6-180		17-765		15-240
	7-180		17-850		15-257
	7-200		17-892		15-280
	7-215		21-580		15-340
	7-225				15-395
	7-230				17-720
	7-250				17-760
	7-255	<b>FRENCH GUIANA</b>			17-825
	7-260	Cayenne	6-170		21-455
	7-270				9-730
	7-280	<b>FRENCH</b>			12-008
	7-340	<b>SOMALILAND</b>		Leipzig	
	9-505	Djibouti	4-780	Nauen	15-488
	9-605		6-000		

	Mc/s		Mc/s		Mc/s
GERMANY, WEST		Lampertheim	7-170	Munich	15-330
Bad Durrheim	7-265		7-220		15-340
Berlin	6-005		7-245		15-385
	11-695		9-565		15-395
	11-765		9-660		15-430
Bremen	6-190		11-720		15-440
Jülich	5-955		11-925		17-735
	6-000		11-935		17-780
	6-015		11-965		17-830
	6-025		15-395		17-885
	6-100		15-415		21-585
	6-110		17-730		21-595
	6-145		17-745	Osterloog	3-970
	6-160		17-785		6-075
	6-175		17-865		15-275
	7-150		17-895		
	7-160	Mühlacker	6-030	GHANA	
	7-205	Munich	3-980	Accra	3-366
	7-235		5-960	Tema	6-070
	7-280		5-965		7-295
	7-290		5-970		9-545
	9-520		5-975		9-640
	9-545		6-020		11-800
	9-575		6-040		15-190
	9-605		6-060		15-210
	9-610		6-085		15-287
	9-640		6-135		15-400
	9-685		6-140		17-740
	9-735		6-160		17-865
	11-715		6-170		17-910
	11-785		6-175		21-437
	11-795		7-130		21-545
	11-815		7-200		
	11-905		7-250	GILBERT &	
	11-925		9-530	ELLICE IS.	
	11-930		9-545	Tarawa	6-050
	11-945		9-630		
	15-205		9-670	GREECE	
	15-240		9-705	Athens	5-960
	15-270		9-765		6-045
	15-275		11-715		6-075
	15-280		11-770		7-296
	15-285		11-775		9-610
	15-295		11-805		11-723
	15-310		11-830		15-335
	15-405		11-840		15-345
	15-410		11-870		17-745
	17-815		11-890	Janina	7-100
	17-845		11-940	Larissa	5-955
	17-870		11-960	Salonika	5-975
	17-875		15-170		5-990
	21-645		15-185		5-995
	21-650		15-195		6-040
	21-705		15-225		6-155
	21-730		15-235		6-185
Lampertheim	7-130		15-265		7-205

	Mc/s		Mc/s		Mc/s
<b>Greece—cont.</b>		<b>HAWAII</b>		<b>Bombay</b>	15-270
Salonika	9-520	Honolulu	6-075		15-290
	9-635		9-650		17-780
	9-710		11-775		21-645
	9-715	<b>HONDURAS</b>		<b>Calcutta,</b>	
	11-710	<b>REPUBLIC</b>		W. Bengal	3-245
	11-730	San Pedro Sula	5-995		3-305
	11-830		6-125		6-010
	11-840	Tegucigalpa	4-940		7-210
	11-880		5-874	<b>Delhi</b>	3-295
	15-305		6-020		3-365
			6-050		3-905
			6-155		3-925
<b>GRENADA</b>		Tela	6-035		4-820
(See Windward Is.)					4-860
		<b>HONG KONG</b>			4-960
		Victoria	3-940		4-965
<b>GUATEMALA</b>					5-950
Guatemala City	5-951	<b>HUNGARY</b>			5-955
	5-990	Budapest	5-900		5-975
	6-000		5-950		5-990
	6-020		5-960		5-995
	6-030		6-235		6-010
	6-101		7-213		6-070
	6-140		7-245		6-080
	6-180		9-565		6-100
	9-665		9-655		6-120
	9-670		9-695		6-130
	9-760		9-770		6-135
Quezaltenango	6-060		9-833		6-140
	11-700		11-895		6-180
S. Marcos	6-080		11-911		6-190
			15-160		7-105
			15-334		7-115
<b>GUINEA</b>			15-415		7-120
<b>REPUBLIC</b>			16-485		7-125
Conakry	3-376		17-720		7-140
	4-910	<b>ICELAND</b>			7-155
	6-155	Reykjavik	11-780		7-165
	7-125				7-185
	9-650	<b>INDIA</b>			7-190
	11-693	Bhopal,			7-225
	11-945	Central Prov.	3-315		7-230
	11-965		4-840		7-235
	17-715		5-990		7-240
	21-510		7-160		7-250
<b>HAITI</b>		<b>Bombay</b>	4-830		7-255
Cap Haitien	6-000		4-840		7-275
	6-120		6-040		7-290
	6-135		6-150		7-295
	9-770		7-120		9-505
	11-835		7-155		9-520
	21-520		7-170		9-530
Les Gonaires	5-060		9-550		9-560
Port au Prince	6-200		9-730		9-565
	9-545		11-790		9-575



	Mc/s		Mc/s		Mc/s
India—cont.				INDONESIA	
Delhi	9-595	Delhi	15-225	Ambon,	
	9-600		15-290	Moluccas	3-240
	9-605		15-310		4-865
	9-615		15-365		7-140
	9-620		15-370	Bandjermassin,	
	9-630		15-380	Borneo	3-250
	9-635		15-390		5-970
	9-670		17-705	Bandoeng, Java	4-945
	9-675		17-735	Bukittinggi,	
	9-680		17-740	Sumatra	5-030
	9-680		17-760	Denpassar, Bali	3-945
	9-690		17-800		7-120
	9-705		17-830	Djakarta, Java	2-450
	9-720		17-855		3-277
	9-740		21-580		6-045
	9-745		21-615		7-175
	9-760	Gauhati,			7-220
	9-765	Assam	3-335		7-270
	9-870		3-375		9-585
	9-915		4-775		9-710
	11-710		4-940		9-867
	11-715		5-970		11-710
	11-720		6-130		11-715
	11-730		7-150		11-770
	11-735		7-280		11-785
	11-760	Goa	4-815		11-795
	11-770		6-690		11-825
	11-780		15-385		15-150
	11-785		21-580		15-370
	11-800	Hyderabad	4-989		17-810
	11-805		6-120		17-860
	11-810		7-140		17-875
	11-830	Jammu,			21-460
	11-835	Kashmir	4-950		21-465
	11-845		5-960		
	11-850	Lucknow,		Djokjakarta,	
	11-860	United Prov.	3-205	Java	2-350
	11-870		4-880		5-060
	11-875		6-170		7-105
	11-890	Madras	4-920		7-255
	11-900		6-085		
	11-905		7-160	Gorontalo,	
	11-910		7-260	Celebes	4-900
	11-915		9-590	Kutaradja,	
	11-920		11-760	Sumatra	4-982
	11-940		15-380	Macassar,	
	11-950	Ranchi, Bihar	4-850	Celebes	4-752
	11-955		6-065		7-295
	15-040		7-125	Madium, Java	3-286
	15-105	Simla, Punjab	3-226	Medan,	
	15-130		4-760	Sumatra	3-395
	15-140		6-040		5-030
	15-155	Srinagar,			7-240
	15-160	Kashmir	3-277	Menado,	
	15-190		4-860	Celebes	2-700
	15-195		6-110		5-990

	Mc/s		Mc/s		Mc/s
<b>Indonesia—cont.</b>		<b>Baghdad</b>	11·875	<b>JAPAN</b>	
Padang,			15·190	Hokkaido	3·945
Sumatra	3·960		15·235	Tokio	6·005
	6·195		15·400		6·055
Palembang,		<b>ISRAEL</b>			6·080
Java	2·430	Jerusalem	11·920		6·130
	4·855	Tel Aviv	7·190		6·140
Pontianak,			9·009		6·155
Borneo	2·350		9·625		6·175
	3·375		9·680		6·190
Samarinda,			9·725		7·195
Java	3·295		11·920		7·230
Semarang, Java	2·490	<b>ITALY</b>			7·285
	3·935	Caltanissetta	6·060		9·505
	7·210		7·175		9·525
Sibolga,			9·515		9·530
Sumatra	3·241	Rome	3·995		9·535
Soasiu,			5·955		9·550
Mollucas	3·962		5·960		9·580
Surabaya, Java	2·372		5·965		9·595
	3·356		5·985		9·605
	3·980		6·010		9·655
	6·120		6·060		9·675
Surakarta, Java	2·440		6·100		9·695
	4·880		6·125		9·705
Tandung Pinang,			7·235		9·740
Sumatra	4·930		7·275		9·765
			7·290		11·705
<b>IRAN</b>			9·575		11·725
Ahwaz	7·990		9·630		11·750
Isfahan	6·155		9·635		11·780
Tabriz	6·153		9·710		11·800
	6·174		11·810		11·815
	6·180		11·840		11·855
Teheran	3·730		11·905		11·865
	3·780		15·290		11·875
	7·032		15·325		11·940
	7·091		15·330		15·105
	7·105		15·400		15·115
	7·135		17·740		15·135
	9·620		17·770		15·170
	15·125		17·800		15·175
			21·560		15·195
<b>IRAQ</b>					15·225
Baghdad	3·240	<b>IVORY COAST</b>			15·235
	3·250	Abidjan	4·940		15·257
	3·295		7·135		15·285
	3·960		7·215		15·310
	6·030		9·670		15·325
	6·080		9·760		15·390
	6·155		11·820		15·425
	6·160	<b>JAMAICA</b>			17·725
	7·180	Kingston	3·360		17·755
	7·210				17·795
	7·270	<b>JAVA</b>			17·875
	9·555	(See Indonesia)			17·895
	9·635				

	Mc/s		Mc/s		Mc/s
<b>JORDAN</b>		<b>Al Kuwait</b>	9-250	<b>Monrovia</b>	9-720
Amman	5-959		9-520		9-750
	6-020		11-940		9-760
	6-025		15-148		11-770
	6-080		17-750		11-788
	7-155		21-525		11-825
	9-530	<b>LAOS</b>			11-970
	9-540	Vientiane	4-520		11-975
	9-560		6-130		15-083
	9-740		6-150		15-150
	11-810		7-145		15-155
	11-820	<b>LEBANON</b>			15-235
	11-870	Beirut	5-980		15-275
	11-920		6-105		15-285
	11-970		7-357		15-315
	15-170		8-008		15-385
	15-190		9-545		17-725
	15-345		9-625		17-785
	15-445		9-680		17-790
<b>KENYA</b>			9-700		17-840
Kisumu	4-804		9-715		17-870
	7-295		9-725		21-535
Langata	4-855		9-760	<b>LIBYA</b>	
	4-860		11-715	Beida	5-950
	4-885		11-720		5-965
	4-934		11-755		7-165
	4-950		11-770		9-560
	6-060		11-780		9-565
	6-085		11-785	Benghazi	3-305
	6-170		11-865		4-930
	7-125		11-875		6-140
	7-150		11-890		7-275
	7-210		11-945		9-895
	7-240		15-150		
	9-665		15-175	<b>LUXEMBOURG</b>	
			15-180	Luxembourg	6-090
			15-235		15-350
<b>KOREA (NORTH)</b>			17-740	<b>LUZON</b>	
Pyongyang	5-700			(see Philippines)	
	6-195	<b>LIBERIA</b>		<b>MADAGASCAR</b>	
	6-250	Monrovia	3-255	Tananarive	3-232
			3-965		3-288
<b>KOREA (SOUTH)</b>			4-770		3-386
Seoul	2-510		5-980		5-015
	3-912		5-990		6-135
	6-035		6-035		6-170
	7-936		6-075		7-105
Suwon	9-640		6-090		7-155
	11-925		7-195		7-280
	11-950		7-235		9-515
	15-125		7-250		9-690
	15-335		9-590		
	17-815		9-595	<b>MALAYSIA</b>	
	21-590		9-615	Jesselton,	
<b>KUWAIT</b>			9-640	North Borneo	4-970
Al Kuwait	4-968		9-645		5-980
	6-055		9-670		7-180

	Mc/s		Mc/s		Mc/s
<b>Malaysia—cont.</b>		<b>MARTINIQUE</b>		<b>Monte Carlo</b>	7-245
<b>Kuala Lumpur,</b>		<b>Fort de France</b>	3-315		7-255
<b>Malaya</b>	6-025		4-895		7-260
	7-110		5-955		7-265
	7-145		5-995		7-290
	7-200		12-345		7-302
	7-280		13-310		9-690
	9-515				9-705
	11-890	<b>MAURITANIA</b>			9-710
	11-900	<b>Nouakchott</b>	4-855		9-725
	11-935		6-035		11-731
			7-245		11-790
<b>Kuching,</b>	4-860		9-610		11-815
<b>Sarawak</b>	4-950	<b>MAURITIUS</b>			11-830
	5-038	<b>Forest Side</b>	3-325		11-885
	7-160		4-845		11-905
	7-270		9-710	<b>MOROCCO</b>	
	9-565	<b>Chagos</b>	17-705	<b>Sebaa Aioun</b>	6-190
<b>Penang,</b>					6-200
<b>Malaya</b>	9-635	<b>MEXICO</b>			7-115
<b>Singapore,</b>		<b>Mexico City</b>	6-007		7-225
<b>Malaya</b>	4-780		6-165		9-472
	5-010		9-515		11-735
	6-133		9-525		11-770
	7-170		9-535		15-185
	7-250		9-565		15-288
			9-610		15-345
<b>Tebrau,</b>	6-110		9-625		15-408
<b>Malaya</b>	6-175		9-680		15-423
	7-110		9-735	<b>Tangier</b>	5-955
	7-120		9-745		5-980
	7-135		11-860		6-015
	9-555		11-880		6-025
	9-580		15-110		6-065
	9-690		15-160		6-080
	9-725		15-205		6-115
	11-750	<b>Morelia</b>	6-030		6-120
	11-820	<b>Tampico</b>	6-045		6-135
	11-955				6-140
	15-110	<b>MOLUCCAS</b>			6-145
	15-260	(See Indonesia)			6-170
	15-310				6-180
	15-435	<b>MONACO</b>			7-110
	17-755	<b>Monte Carlo</b>	4-855		7-120
	17-880		5-940		7-125
	17-890		5-950		7-135
	21-610		5-955		7-155
			5-960		7-160
			5-970		7-170
			5-985		7-180
<b>MALI</b>	7-145		5-995		7-200
<b>Bamako</b>	7-285		6-035		7-205
	9-745		7-098		7-215
	11-815		7-105		7-220
	15-150		7-135		7-235
	17-775		7-185		7-240

Morocco—cont.	Mc/s	Tangier	Mc/s	Lopik- Ijsselstein	Mc/s
Tangier	7-250		15-380		9-630
	7-255		15-385		9-660
	7-270		15-390		9-715
	7-275		15-440		9-745
	9-520		15-705		9-755
	9-525		17-750		11-711
	9-540		17-770		11-730
	9-545		17-855		11-755
	9-555		21-455		11-780
	9-560		21-540		11-800
	9-610		21-605		11-915
	9-615		21-695		11-935
	9-620		21-705		11-950
	9-635		25-880		11-955
	9-670				15-220
	9-680	MOZAMBIQUE			15-365
	9-690	Beira	7-205		15-425
	9-700	Lourenço			15-445
	9-720	Marques	3-235		17-775
	9-740		3-250		17-800
	9-755		3-405		17-810
	9-760		4-840		17-840
	9-780		4-905		21-480
	11-517		4-925		21-565
	11-710		6-050		21-625
	11-720		6-115		21-665
	11-735		7-210		21-715
	11-740		7-250		25-610
	11-785		7-265		26-040
	11-825		9-580		
	11-830		9-615		
	11-840		9-655	NEW CALEDONIA	
	11-875		9-765	Noumea	6-035
	11-880		11-760		
	11-900		11-835	NEW ZEALAND	
	11-910		15-292	Wellington	6-020
	11-915		15-365		6-080
	11-940	NEPAL			9-540
	11-965	Jawalakhel	7-105		11-780
	15-040		11-970		11-810
	15-115	Kathmandu	7-165		11-820
	15-150		9-590		11-830
	15-160				15-110
	15-185	NETHERLANDS		NICARAGUA	15-280
	15-200	Lopik-		Granada	5-966
	15-205	Ijsselstein	5-980	Leon	5-995
	15-225		5-985	Managua	6-065
	15-235		6-020		6-140
	15-250		6-025	Puerto Cattezas	5-925
	15-265		6-035		
	15-270		6-085		
	15-290		7-125	NIGER	
	15-295		7-165	Niamey	4-785
	15-330		7-210		4-855
	15-340		9-525		5-020
	15-365		9-590		6-060

	Mc/s		Mc/s		Mc/s
<b>Niger—cont.</b>		<b>NORWAY</b>		<b>Karachi</b>	9·600
Niamey	7·105	Fredrikstad	6·130		9·643
	7·135		6·185		9·680
	9·735		9·610		9·715
<b>NIGERIA</b>			9·645		9·740
Enugu	3·980		11·850		9·752
	4·855		15·170		9·760
	6·145		15·175		11·672
	7·165		17·755		11·845
	9·630		17·825		11·875
Ibadan	3·205		21·670		11·885
	3·380		21·730		11·910
	3·995		25·900		11·920
	6·185	Tromsö	9·550		15·141
	7·285		11·735		15·155
	9·555	<b>PAKISTAN</b>			15·195
Ikorodu	15·185	Dacca	4·790		15·205
	21·455		5·980		15·225
	21·465		6·015		15·335
Jaji	9·570		7·140		17·745
Kaduna	3·325		7·250		17·750
	3·395		7·285		17·760
	6·090		9·615		17·890
	6·174		11·650		17·895
	7·275		11·725		21·590
	9·655		11·731	Lahore	3·395
Lagos	4·990		17·640		4·800
	7·205		17·710		6·025
	7·225		17·730		7·225
	9·535		17·735	Peshawar	3·240
	9·595		21·464		3·965
	9·690		21·685		7·130
	15·255	Karachi	3·915		7·280
			3·945	Quetta	4·915
			3·963	Rawalpindi	4·985
<b>NORTH BORNEO</b>			4·750		7·110
(see Malaysia)			4·755	<b>PAPUA</b>	
			4·910	Port Moresby	6·130
<b>NORTHERN</b>			4·930		9·520
<b>RHODESIA</b>			4·980	<b>PARAGUAY</b>	
Lusaka	3·295		5·975	Ascuncion	6·025
	3·320		5·980		6·110
	3·346		5·985		9·735
	3·915		6·070		11·850
	3·975		6·235		15·200
	4·828		6·244		15·210
	4·864		7·008	Concepcion	6·015
	4·911		7·130	Encarnacion	11·945
	4·964		7·200	Villarrica	5·975
	6·060		7·275		
	7·220		7·285	<b>PERU</b>	
	7·285		7·295	Arequipa	9·350
	9·570		7·300	Chiclayo	5·640
	9·750		9·510		6·700
Salisbury	3·395		9·515	Cuzco	6·210
	6·018		9·545	David	6·045
Zomba	3·953				

	Mc/s		Mc/s		Mc/s
<b>Peru—cont.</b>					
Huancavelica	4·815	<b>Poro</b>	6·125	<b>Warsaw</b>	9·540
Iquitos	5·182		7·175		9·600
	9·470		7·220		9·635
	9·610		7·225		9·685
	9·625		9·535		9·760
	9·665		9·580		11·610
	9·770		9·595		11·740
<b>Lima</b>	3·240		9·615		11·803
	4·880		9·625		11·815
	6·082		9·700		11·820
	9·453		9·710		11·840
	9·521		9·715		11·865
	9·565		11·730		11·885
	15·095		11·735		11·905
	15·150		11·848		11·910
<b>Piura</b>	3·330		11·895		11·951
<b>Tumbes</b>	9·550		11·900		11·955
			11·920		12·566
			15·125		15·120
			15·130		15·275
<b>PHILIPPINES</b>			15·150		15·335
<b>Bocaué, Luzon</b>	7·230		15·155		15·385
	7·235		15·185		17·780
	7·240		15·235		17·800
	9·710		15·335		17·885
	9·715		15·360		21·475
	9·730		15·375		21·600
	9·750		15·400		21·725
	11·740		17·775		
	11·850		17·845		
	11·920		17·855	<b>PORTUGAL</b>	
	15·230		17·870	<b>Lisbon</b>	5·960
	15·380		21·655		5·975
	17·810				6·025
<b>Malolos, Luzon</b>	6·185				6·080
	7·135	<b>POLAND</b>			6·155
	7·175	<b>Stettin</b>	3·978		6·185
	7·285	<b>Warsaw</b>	5·950		7·130
	9·565		6·005		7·160
	9·635		6·015		9·635
	9·655		6·045		9·680
	9·770		6·075		9·740
	11·785		6·135		9·750
	11·960		6·195		11·840
	15·155		7·125		11·875
	15·200		7·145		11·915
	15·205		7·155		11·925
	15·210		7·170		11·935
	15·250		7·200		12·080
	15·405		7·270		15·086
	17·745		7·285		15·125
<b>Manila, Luzon</b>	3·305		7·295		15·380
	9·535		7·305		17·880
	9·730		7·865		17·895
	15·300		9·505		21·490
	21·515		9·525		21·700

	Mc/s		Mc/s		Mc/s
<b>PORTUGUESE GUINEA</b>		<b>SALVADOR</b>		<b>Paradys</b>	3-356
Bissao	3-975	San Salvador	6-010		3-376
	4-780		6-095		4-810
	5-024		9-540		4-895
	6-950		9-552		4-945
			11-725		6-005
		Santa Ana	4-798		6-095
<b>REUNION ISLAND</b>			5-985		6-150
St. Denis	3-380	<b>SARAWAK</b>			7-185
	7-245	(see Malaysia)			7-230
					7-270
<b>RUMANIA</b>		<b>SAUDI ARABIA</b>			7-275
Bucharest	5-980	Jidda	3-960		9-523
	5-990		6-861		9-605
	6-150		6-975		9-650
	6-190		9-650		9-660
	6-195		11-950		9-665
	7-155		15-370		9-720
	7-195	Riyadh	7-220		11-815
	7-225		9-670		11-865
	7-230		9-720		11-900
	9-510				15-080
	9-570	<b>SENEGAL</b>			15-195
	9-590	Dakar	4-890		15-415
	11-810		4-950		17-695
	11-885		5-960		17-885
	11-900		5-975		21-690
	11-940		6-635	<b>SOUTHERN RHODESIA</b>	
	15-250		7-170	Gwelo	3-305
	15-340		7-210		3-401
	15-380		9-560		5-975
	17-850		9-720		6-020
			11-895		7-175
<b>RYUKYU IS.</b>		Ziguinchor	6-070		9-505
Okinawa	3-940			<b>SPAIN</b>	
	5-975	<b>SIERRA LEONE</b>		Juba	5-955
	6-010	Freetown	3-316	Madrid	5-991
	6-075				6-130
	6-145	<b>SOLOMON IS.</b>			6-139
	6-170	Honiara	5-960		6-150
	7-125				7-105
	7-155	<b>SOMALI</b>			7-600
	7-160	Hargeisa	4-795		9-360
	7-235		4-835		9-370
	9-545		9-670		9-380
	9-615	Mogadishu	7-073		9-615
	9-620		7-150		9-695
	9-665				9-760
	11-960	<b>SOUTH AFRICA</b>			11-815
	15-150	Paradys	2-306		11-986
	15-210		2-326		15-420
	15-215		2-346		21-575
	15-370		2-376		6-180
			3-250	Malaga	9-675
			3-290	Playa de Pals	11-880
			3-316		



	Mc/s		Mc/s		Mc/s
Spain—cont.		Hörby	17-845	TANGANYIKA	
Playa de Pals	11-930	Motala	6-055	Dar-es-Salaam	3-250
	11-965		7-270		4-785
	11-970				5-050
	15-340	SWITZERLAND			7-165
	15-370	Schwarzenburg	3-985		7-280
	17-720		5-930		9-530
	17-745		6-050	TANGIER	
	17-875		6-055	(See Morocco)	
	17-885		6-165	THAILAND	
Valencia	6-995		7-110	Bangkok	4-830
Valladolid	7-018		7-210		5-955
			9-535		6-070
SPANISH GUINEA			9-545		7-105
Santa Isabel	6-240		9-655		7-160
			9-665		7-165
SUDAN			11-715		7-230
Khartoum	11-855		11-775		7-275
Omdurman	4-990		11-815		7-290
	5-995		11-865		9-510
	6-150		15-120		9-645
	7-200		15-305		9-655
	9-505		15-315		11-910
	9-510		17-715		
	11-850		17-720		
	11-895		17-795	TIMOR ISLAND	
	11-945		17-845	Deli	3-270
	15-170		21-520		
			21-605	TOGOLAND	
SUMATRA		SYRIA		Lomé	3-265
(See Indonesia)		Damascus	5-290		6-155
			5-700		7-265
SURINAM			6-140	TRIPOLITANIA	
(See Dutch Guiana)			6-165	(See Libya)	
			6-200		
SWAN IS.			7-399	TUNISIA	
Swan Island	6-000		9-555	Tunis	5-950
			11-751		6-015
			11-915		6-110
			15-160		6-197
			17-865		6-205
SWEDEN			9-500		9-500
Hörby	5-990	Sabboura	9-525		11-908
	6-065		9-640		11-970
	6-095		11-715		11-983
	7-210		11-890		17-700
	7-215		11-935		17-735
	9-605		15-365	TURKEY	
	9-620		17-745	Ankara	6-250
	9-660				6-608
	9-725				7-285
	11-705				9-515
	11-805				9-745
	11-810	TAHITI			15-160
	11-880	Papeete	6-135		15-195
	15-155		11-825		17-820
	15-240				
	15-420	TAIWAN			
	17-840	(See Formosa)			

	Mc/s		Mc/s		Mc/s
<b>Turkey—cont.</b>		<b>Overseas</b>		<b>Overseas</b>	
Ankara	17-827	Service	9-635	Service	15-245
Erzurum	7-625		9-640		15-260
Istanbul	7-031		9-645		15-285
			9-660		15-300
<b>U.K.</b>			9-665		15-310
<b>Overseas</b>			9-670		15-360
<b>Service*</b>	3-953		9-675		15-375
	3-975		9-680		15-390
	5-965		9-690		15-420
	5-985		9-695		15-435
	5-990		9-700		15-445
	6-010		9-705		17-660
	6-035		9-710		17-695
	6-040		9-720		17-705
	6-050		9-735		17-715
	6-070		9-750		17-730
	6-080		9-755		17-740
	6-110		9-765		17-745
	6-125		9-770		17-755
	6-150		9-825		17-780
	6-180		9-915		17-790
	6-195		11-710		17-800
	7-110		11-720		17-810
	7-120		11-730		17-825
	7-130		11-750		17-840
	7-140		11-760		17-860
	7-150		11-770		17-870
	7-170		11-780		17-880
	7-185		11-790		17-890
	7-190		11-800		18-080
	7-200		11-820		18-180
	7-210		11-830		18-345
	7-220		11-840		21-455
	7-230		11-860		21-470
	7-240		11-880		21-490
	7-250		11-890		21-530
	7-260		11-905		21-550
	7-280		11-910		21-575
	7-320		11-930		21-590
	7-325		11-945		21-595
	9-410		11-955		21-610
	9-510		11-970		21-615
	9-525		12-040		21-620
	9-530		12-095		21-630
	9-555		15-070		21-640
	9-560		15-105		21-660
	9-570		15-110		21-675
	9-580		15-140		21-680
	9-590		15-180		21-710
	9-600		15-190		21-740
	9-610		15-230		25-650
	9-625		15-235		25-670

\* B.B.C. short-wave transmitters in the U.K. are located at Daventry, Northants; Skelton, Cumberland; Woofferton, Shropshire; and Rampisham, Dorset. Frequencies, calls and power are interchangeable.

	Mc/s		Mc/s		Mc/s
U.K.—cont.		Bound Brook,		Cincinnati,	
Overseas		New Jersey	11-900	Ohio	11-705
Service	25-720		11-940		11-710
	25-750		15-135		11-740
	25-840		15-150		11-770
	26-040		15-225		11-790
	26-080		15-270		11-805
			15-280		11-870
			15-325		11-875
U.S.A.			15-330		11-880
Boston, Mass.	5-975		15-410		11-890
	6-015		15-415		11-920
	9-520		17-730		11-940
	9-555		17-780		15-125
	9-695		17-830		15-130
	9-710		17-855		15-150
	11-750		21-540		15-155
	11-760		21-570		15-185
	11-790		21-645		15-195
	11-845		21-720		15-205
	11-855		26-040		15-240
	11-930				15-250
	11-950	Brentwood,			15-290
	15-135	New York	5-955		15-330
	15-220		6-045		15-355
	15-290		6-175		15-360
	15-295		9-635		15-365
	15-370		11-905		15-390
	15-380		11-955		15-395
	15-385		15-205		15-400
	15-390		15-235		15-405
	15-440		15-270		17-710
	17-760		17-784		17-730
	17-810		21-650		17-795
	17-830	Cincinnati,			17-800
	17-845	Ohio	5-980		17-830
	17-880		5-995		17-850
	21-460		6-025		17-870
	21-500		6-030		21-485
			6-045		21-570
Bound Brook,	5-955		6-055		21-610
New Jersey	5-995		6-065	Delano, Cal.	5-965
	6-105		6-155		6-040
	6-140		6-190		6-095
	9-520		9-525		6-185
	9-530		9-530		9-530
	9-615		9-545		9-560
	9-650		9-650		9-600
	9-670		9-670		9-605
	9-720		9-705		9-630
	9-750		9-710		9-655
	11-775		9-715		9-665
	11-790		9-725		9-700
	11-805		9-740		9-735
	11-875		9-750		9-750
	11-880		9-765		11-710
	11-890		9-770		

	Mc/s		Mc/s		Mc/s
U.S.A.—cont.		Greenville,		Greenville,	
Delano, Cal.	11·730	N. Carolina	6·025	N. Carolina	11·940
	11·740		6·030		11·955
	11·770		6·035		11·970
	11·790		6·045		15·130
	11·830		6·055		15·135
	11·870		6·065		15·142
	11·900		6·075		15·150
	11·905		6·095		15·160
	11·930		6·105		15·175
	15·125		6·145		15·195
	15·130		6·150		15·205
	15·150		6·175		15·215
	15·210		6·180		15·225
	15·255		6·190		15·235
	15·275		9·520		15·240
	15·310		9·525		15·270
	15·315		9·540		15·280
	15·330		9·545		15·287
	15·340		9·550		15·290
	15·405		9·590		15·305
	17·765		9·595		15·315
	17·770		9·615		15·325
	17·820		9·625		15·330
	17·830		9·635		15·350
	21·460		9·650		15·360
	21·590		9·670		15·365
	21·745		9·690		15·370
	25·630		9·700		15·390
Dixon, Cal.	5·985		9·705		15·400
	6·040		9·710		15·410
	6·085		9·720		15·415
	6·145		9·725		15·440
	9·570		9·730		15·750
	9·620		9·740		17·710
	9·635		9·750		17·720
	9·665		9·755		17·230
	9·730		9·760		17·750
	11·845		9·765		17·755
	11·860		9·770		17·780
	11·870		11·705		17·795
	11·875		11·710		17·830
	15·150		11·715		17·840
	15·405		11·745		17·855
	17·705		11·760		17·860
	17·735		11·775		17·870
	17·850		11·790		17·885
	21·590		11·805		21·465
	21·650		11·810		21·540
	21·660		11·830		21·590
Greenville,			11·865		21·610
N. Carolina	5·960		11·875		21·645
	5·965		11·890		21·670
	5·975		11·900		24·690
	5·997		11·905		21·720
	6·015		11·910		21·740

	Mc/s		Mc/s		Mc/s	
U.S.A.—cont. Schenectady, New York	11-830	Dyushambe, Tadzhik Erivan, Armenia  Frunze, Kirghiz Guryev, Kazakh Irkutsk, Russia  Kaunas, Lithuania  Kazan, Tartar  Khabarovsk, Russia  Kharkov, Ukraine Kiev, Ukraine  Blagoveshchensk, Russia	4-435	Kiev, Ukraine	7-310	
	15-330		5-740		7-320	
	15-335		7-125		7-330	
	17-755		7-270		7-370	
	17-830				7-400	
	21-590		4-010		9-625	
	6-175				9-710	
	6-180		4-560		9-735	
	9-540		5-990		11-770	
	9-760		6-195		11-815	
	11-710		7-210		12-070	
	11-830		7-255		15-110	
	11-890		9-630		15-400	
	11-910		9-705		15-415	
	15-215		9-740			
	15-310				Komsomolsk, Russia	6-080
	15-390		5-960			7-275
	21-570		6-125		Krasnoyarsk, Russia	5-290
	21-645		11-870			6-135
21-735	11-900		7-160			
21-740	17-745	Leningrad, Russia	7-160			
	17-885		9-520			
U.S.S.R. Achkhabad, Turkmenia	4-235		9-530			
	4-825	9-510	9-590			
	6-010	9-580	9-765			
	9-640	11-805	11-630			
	9-745	11-850	11-755			
	21-560	11-905	15-230			
		15-260	15-325			
		15-395	15-375			
			17-850			
			21-530			
Alma Ata, Kazakh	4-545		21-555			
	5-260	3-900	21-600			
	6-030	4-273				
	6-790	4-610	Lwow, Ukraine	6-155		
	6-870	6-090		7-120		
	7-140	6-115		7-150		
	9-250	7-170		7-160		
	9-380	7-280		7-230		
	9-640	7-285		9-710		
	10-530	9-375	15-305			
	11-945	9-610	17-815			
	9-710					
	11-860	Magadan, Russia	9-500			
5-015	11-935					
5-930	15-275	Minsk, Byelorussia	7-130			
			7-140			
Arkhangelsk, Russia		11-950	7-320			
		11-970	7-380			
	4-957	4-930	9-660			
	6-110	4-940	11-955			
	6-195	6-085	11-960			
7-340	6-165	15-150				
9-840	7-105					
21-640	7-255					
Baku, Azerbaijan						

U.S.S.R.—cont.	Mc/s	Moscow, Russia	Mc/s	Moscow, Russia	Mc/s
Minsk, Byelorussia	21-585		7-325		11-800
			7-335		11-820
			7-340		11-825
Moscow, Russia	3-937		7-350		11-830
	4-395		7-360		11-840
	4-825		7-380		11-860
	4-835		7-390		11-875
	4-850		7-395		11-880
	4-900		7-420		11-890
	4-910		7-440		11-900
	4-920		7-925		11-905
	5-325		9-150		11-910
	5-455		9-210		11-925
	5-600		9-470		11-930
	5-780		9-475		11-940
	5-900		9-480		11-975
	5-910		9-490		11-980
	5-920		9-530		11-985
	5-930		9-545		12-000
	5-940		9-560		12-010
	5-950		9-565		12-015
	5-955		9-570		12-020
	6-000		9-590		12-030
	6-010		9-600		12-040
	6-020		9-605		12-045
	6-045		9-615		12-050
	6-135		9-620		12-060
	6-140		9-630		12-075
	6-175		9-640		12-090
	6-200		9-650		12-100
	6-305		9-655		13-820
	6-975		9-665		15-060
	7-060		9-685		15-095
	7-085		9-715		15-105
	7-097		9-720		15-160
	7-100		9-735		15-170
	7-105		9-745		15-175
	7-110		9-770		15-190
	7-120		9-775		15-200
	7-135		9-780		15-210
	7-150		9-785		15-225
	7-170		9-790		15-230
	7-185		9-810		15-240
	7-195		9-820		15-250
	7-200		11-690		15-265
	7-205		11-700		15-295
	7-230		11-705		15-310
	7-240		11-715		15-315
	7-245		11-720		15-320
	7-250		11-730		15-330
	7-265		11-735		15-340
	7-280		11-775		15-350
	7-290		11-780		15-360
	7-305		11-785		15-370
	7-315		11-790		15-395

	Mc/s		Mc/s		Mc/s
U.S.S.R.—cont.		Orenburg,		Vladivostok,	
Moscow,		Russia	4·874	Russia	6·050
Russia	15·440		9·555		6·075
	15·450	Petropavlovsk,			6·125
	15·870	Russia	4·055		6·160
	17·710		4·460		7·170
	17·730		9·540		7·260
	17·740		15·140		9·600
	17·750		17·880		9·635
	17·755	Petrozavodsk,			9·750
	17·760	Karelia	5·065		11·755
	17·765		6·055		11·850
	17·770	Riga, Latvia	7·140		15·180
	17·775		7·230		15·455
	17·790		15·220	Yakutsk,	
	17·795		17·720	Russia	4·534
	17·810	Simferopol,			
	17·820	Russia	6·090	UGANDA	
	17·825		15·115	Kampala	3·340
	17·835		15·130		4·975
	17·840		21·475		5·026
	17·850	Stalinabad,			7·110
	17·860	Tadzhik	11·810		7·195
	17·870	Tallinn,			7·255
	17·885	Estonia	6·085		9·560
	18·287		17·700		9·590
	21·505	Tashkent,		UPPER VOLTA	
	21·520	Uzbek	5·925	Ougadougou	4·815
	21·540		5·970		6·045
	21·545		6·030		7·230
	21·550		6·035	URAGUAY	
	21·555		6·155	Melo	6·055
	21·575		7·100		15·230
	21·625		7·165	Montevideo	6·000
	21·655		9·665		6·035
	21·690		9·680		6·045
	21·695		9·765		6·075
	25·935		11·695		6·115
Murmansk,			11·755		6·125
Russia	9·700		17·860		6·140
		Tiflis, Georgia	5·040		6·156
			5·980		6·170
Novosibirsk,			7·200		9·515
Russia	4·430		15·335		9·595
	7·295	Ufa, Bashkir	4·485		9·620
	7·300	Ulan Bator,			11·735
	9·535	Mongolia	4·084		11·835
	9·610		4·188		11·885
	9·675		5·960		11·896
	9·680		6·136		11·900
	11·810		7·365		15·385
	15·185		10·885		17·715
	15·280	Vladivostok,			17·720
	21·475	Russia	4·040		17·875
Omsk, Russia	4·520		5·016		17·895
	5·960		5·980		
	6·190				

	Mc/s		Mc/s		Mc/s
<b>VATICAN STATE</b>		<b>Caracas</b>	3.390	<b>VIETNAM (SOUTH)</b>	
Vatican City	6.145		4.870	Hue	7.205
	6.190		4.880	Saigon	4.877
	7.230		4.890		6.115
	7.235		4.900		6.165
	7.240		4.920		7.245
	7.250		4.970		7.265
	7.260		5.029		9.620
	7.270		5.050		9.758
	9.540		6.110		11.950
	9.620		6.170		
	9.645		9.640	<b>WINDWARD IS.</b>	
	9.675	<b>Carora</b>	3.334	<b>St. George's,</b>	
	9.705	<b>Carupano</b>	2.360	<b>Grenada</b>	3.280
	9.720	<b>Ciudad Bolivar</b>	3.336		5.010
	9.740		4.900		6.100
11.685		<b>Coro</b>	4.820		9.520
11.715			4.950		9.550
11.740		<b>Cumana</b>	4.960		9.660
11.785		<b>El Tigre</b>	3.255		9.670
11.880		<b>Maracaibo</b>	3.275		9.735
11.905			4.800		9.750
11.925			4.810		11.770
11.930			5.039		11.780
11.955			9.530		11.845
11.965		<b>Maracay</b>	2.440		11.910
15.115			3.315		15.180
15.120		<b>Maturin</b>	3.325		15.195
15.140		<b>Merida</b>	3.395		15.235
15.160		<b>Puerto Cabello</b>	3.285		15.240
15.190		<b>Puerto la Cruz</b>	4.791		15.375
17.720		<b>Punta Fijo</b>	4.770		15.405
17.735		<b>San Cristobal</b>	3.267		
17.780			4.830		
17.840			4.980	<b>YEMEN</b>	
17.860			9.570	<b>Sana'a</b>	5.952
21.480		<b>San Felipe</b>	4.860		5.985
21.485		<b>San Fernando</b>			15.780
21.490		<b>Apure</b>	4.820		18.735
21.515		<b>Trujillo</b>	3.295		18.858
21.530		<b>Valencia</b>	3.355		
21.550			4.780	<b>YUGOSLAVIA</b>	
21.665		<b>Valera</b>	4.840	<b>Belgrade</b>	6.100
25.780					6.150
					7.200
					9.505
					9.620
					11.735
					11.755
					15.240
<b>VENEZUELA</b>		<b>VIETNAM (NORTH)</b>			
Barcelona	3.385	Hanoi	4.734		
Barquisimeto	4.849		6.253		
	4.935		7.010		
	4.990		9.760		
	9.510		9.836		
Cabimas	3.410		11.760	<b>ZANZIBAR</b>	
Caracas	3.245		11.840	<b>Marhubi</b>	3.339
	3.305		11.950		4.795
	3.345		15.098		6.005



## International Allocation of Call Signs

The first character or the first two characters of a call sign indicate the nationality of the station using it. In this list the abbreviation O.T. is used for overseas territories or states administered by, or for which the international relations are the responsibility of, the country named.

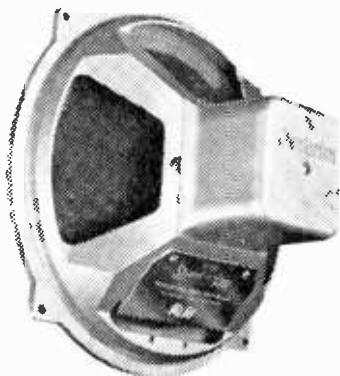
AAA-ALZ	U.S.A.	HZA-HZZ	Saudi Arabia
AMA-AOZ	Spain	IAA-IZZ	Italy and O.T.
APA-ASZ	Pakistan	JAA-JSZ	Japan
ATA-AWZ	India	JTA-JVZ	Mongolia
AXA-AXZ	Australia	JWA-JXZ	Norway
AYA-AZZ	Argentina	JYA-JYZ	Jordan
BAA-BZZ	China	JZA-JZZ	Neth. New Guinea
CAA-CEZ	Chile	KAA-KZZ	U.S.A.
CFA-CKZ	Canada	LAA-LNZ	Norway
CLA-CMZ	Cuba	LOA-LWZ	Argentina
CNA-CNZ	Morocco	LXA-LXZ	Luxembourg
COA-COZ	Cuba	LYA-LYZ	Lithuania
CPA-CPZ	Bolivia	LZA-LZZ	Bulgaria
CQA-CRZ	Portuguese O.T.	MAA-MZZ	U.K.
CSA-CUZ	Portugal	NAA-NZZ	U.S.A.
CVA-CXZ	Uruguay	OAA-OCZ	Peru
CYA-CZZ	Canada	ODA-ODZ	Lebanon
DAA-DTZ	Germany	OEA-OEZ	Austria
DUA-DZZ	Philippines	OFA-OJZ	Finland
EAA-EHZ	Spain	OKA-OMZ	Czechoslovakia
EIA-EJZ	Eire	ONA-OTZ	Belgium
EKA-EKZ	U.S.S.R.	OUA-OZZ	Denmark
ELA-ELZ	Liberia	PAA-PIZ	Netherlands
EMA-EOZ	U.S.S.R.	PJA-PJZ	Netherlands Antilles
EPA-EQZ	Iran	PKA-POZ	Indonesia
ERA-ERZ	U.S.S.R.	PPA-PYZ	Brazil
ESA-ESZ	Estonia	PZA-PZZ	Surinam
ETA-ETZ	Ethiopia	QAA-QZZ	(Q Code)
EUA-EWZ	Byelorussia	RAA-RZZ	U.S.S.R.
EXA-EZZ	U.S.S.R.	SAA-SMZ	Sweden
FAA-FZZ	France and O.T.	SNA-SRZ	Poland
GAA-GZZ	U.K.	SSA-SSM	Egypt
HAA-HAZ	Hungary	SSN-STZ	Sudan
HBA-HBZ	Switzerland	SUA-SUZ	Egypt
HCA-HDZ	Ecuador	SVA-SZZ	Greece
HEA-HEZ	Switzerland	TAA-TCZ	Turkey
HFA-HFZ	Poland	TDA-TDZ	Guatemala
HGA-HGZ	Hungary	TEA-TEZ	Costa Rica
HHA-HHZ	Haiti	TFA-TFZ	Iceland
HIA-HIZ	Dominican Republic	TGA-TGZ	Guatemala
HJA-HKZ	Colombia	THA-THZ	France and O.T.
HLA-HMZ	Korea	TIA-TIZ	Costa Rica
HNA-HNZ	Iraq	TJA-TRZ	France and O.T.
HOA-HPZ	Panama	TSA-TSM	Tunisia
HQA-HRZ	Honduras Republic	TSN-TZZ	France and O.T.
HSA-HSZ	Thailand	UAA-UQZ	U.S.S.R.
HTA-HTZ	Nicaragua	URA-UTZ	Ukraine
HUA-HUZ	Salvador	UUA-UZZ	U.S.S.R.
HVA-HVZ	Vatican State	VAA-VGZ	Canada
HWA-HYZ	France and O.T.	VHA-VNZ	Australia

VOA-VOZ	Canada	4NA-4OZ	Yugoslavia
VPA-VSZ	U.K. Overseas Ter.	4PA-4SZ	Ceylon
VTA-VWZ	India	4TA-4TZ	Peru
VXA-VYZ	Canada	4UA-4UZ	United Nations
VZA-VZZ	Australia	4VA-4VZ	Haiti
WAA-WZZ	U.S.A.	4WA-4WZ	Yemen
XAA-XIZ	Mexico	4XA-4XZ	Israel
XJA-XOZ	Canada	4YA-4YZ	International Civil Aviation Organization
XPA-XPZ	Denmark	4ZA-4ZZ	Israel
XQA-XRZ	Chile	5AA-5AZ	Libya
XSA-XSZ	China	5CA-5GZ	Morocco
XTA-XTZ	France and O.T.	5HA-5IZ	Tanganyika
XUA-XUZ	Cambodia	5JA-5KZ	Colombia
XVA-XVZ	Vietnam	5LA-5MZ	Liberia
XWA-XWZ	Laos	5NA-5OZ	Nigeria
XXA-XXZ	Portuguese O.T.	5PA-5QZ	Denmark
XYA-XZZ	Burma	5RA-5VZ	France and O.T.
YAA-YAZ	Afghanistan	5WA-5WZ	W. Samoa
YBA-YHZ	Indonesia	5YA-5ZZ	Kenya
YIA-YIZ	Iraq	6AA-6BZ	Egypt
YJA-YJZ	New Hebrides	6CA-6CZ	Syria
YKA-YKZ	Syria	6DA-6JZ	Mexico
YLA-YLZ	Latvia	6KA-6NZ	Korea
YMA-YMZ	Turkey	6OA-6OZ	Somali
YNA-YNZ	Nicaragua	6PA-6SZ	Pakistan
YOA-YRZ	Rumania	6TA-6UZ	Sudan
YSA-YSZ	Salvador	6XA-6XZ	Malagasy
YTA-YUZ	Yugoslavia	6YA-6YZ	Jamaica
YVA-YYZ	Venezuela	7AA-7IZ	Indonesia
YZA-YZZ	Yugoslavia	7JA-7NZ	Japan
ZAA-ZAZ	Albania	7RA-7RZ	Algeria
ZBA-ZJZ	U.K. Overseas Ter.	7SA-7SZ	Sweden
ZKA-ZMZ	New Zealand	7TA-7YZ	Algeria
ZNA-ZOZ	U.K. Overseas Ter.	7ZA-7ZZ	Saudi Arabia
ZPA-ZPZ	Paraguay	8AA-8IZ	Indonesia
ZQA-ZQZ	U.K. Overseas Ter.	8JA-8NZ	Japan
ZRA-ZUZ	South Africa	8SA-8SZ	Sweden
ZVA-ZZZ	Brazil	8TA-8YZ	India
2AA-2ZZ	U.K.	8ZA-8ZZ	Saudi Arabia
3AA-3AZ	Monaco	9AA-9AZ	San Marino
3BA-3FZ	Canada	9BA-9DZ	Iran
3GA-3GZ	Chile	9EA-9FZ	Ethiopia
3HA-3UZ	China	9GA-9GZ	Ghana
3VA-3VZ	Tunisia	9KA-9KZ	Kuwait
3WA-3WZ	Vietnam	9LA-9LZ	Sierra Leone
3YA-3YZ	Norway	9MA-9MZ	Malaysia
3XA-3XZ	Guinea	9NA-9NZ	Nepal
3ZA-3ZZ	Poland	9OA-9UZ	Congo
4AA-4CZ	Mexico	9UA-9UZ	Burundi
4DA-4IZ	Philippines	9VA-9WZ	Malaysia
4JA-4LZ	U.S.S.R.	9XA-9XZ	Rwanda
4MA-4MZ	Venezuela		

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# Stentorian

## MODEL H.F.1016 'MAJOR'



This new unit makes use of the high flux density available in the magnet system of the previous H.F. 1016 unit. A curved diaphragm is used with a rigid centre section coupled to the voice coil. The rigid coupling and the design of the cone termination give a balanced response over the whole audio range. The unit is specially suitable for use in the smaller type of enclosure having a volume of approximately  $1\frac{1}{2}$  cubic feet.

*Specification :* Chassis—die cast aluminium; Cone—graded pulp cambric surround; Cone dia.—10 ins.; Pole dia.—1 in.; Flux density—16,000 gauss; Total flux—64,000 maxwells; Impedance—15 ohms.

Price : £9.8.6 (inc. tax)

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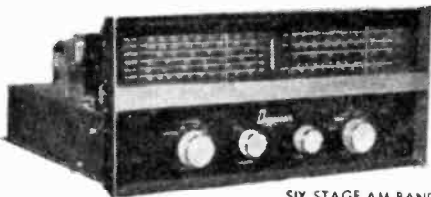
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