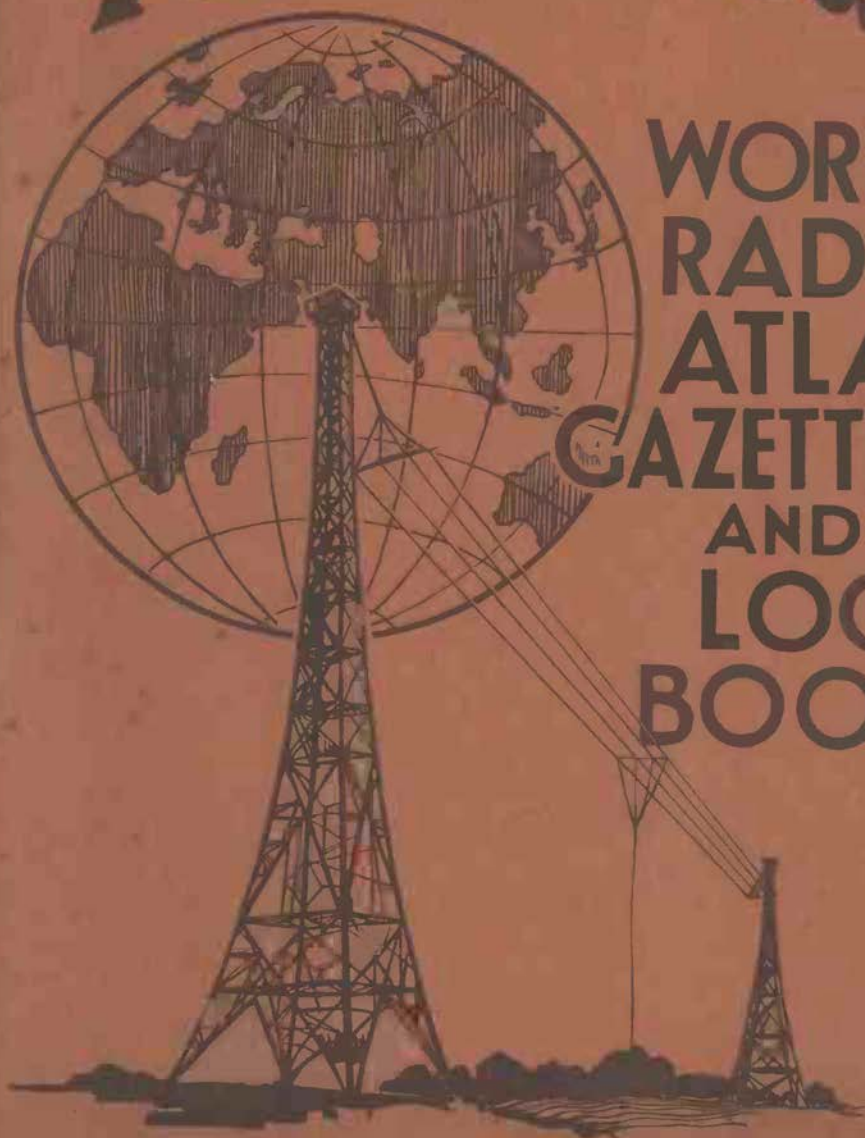


ANSWERS

WORLD RADIO ATLAS, GAZETTEER AND LOG BOOK



THE "CONCERTS" OF EUROPE

NOTE:—The wavelengths given below are the new ones allotted by the recent Lucerne Wavelength Conference, but experimental changes may be made during the early part of 1934.

Name of Station	Country	Page No. and Map Ref	Station Information	Wave-length (metres)	Your Dial Readings
Aberdeen ...	Gt. Britain ...	6 D 1	Generally Relays Scottish Regional Prog.	222.6	
Algiers ...	Algeria ...	10 D 3	Usually announces in French. Pronounces name of station as "Alzhey"	318.8	
Ankara ...	Turkey ...	8 B 5	Turkish and French languages	1639	
Athlone ...	Irish Free State	6 C 2	Relays the programme from the Dublin Studio	531	
Barcelona ...	Spain ...	6 E 4	Call EAJ 25. Only Sats. 8.30—9.30 p.m.	50	
Radio Club Barcelona ...	Spain ...	" "	"Radio Barcelona." Man announcer. Closes down with "Buenos Noches" (Goodnight)	274	
Bari ...	Italy ...	7 H 4	Usually relays Rome programmes	283.3	
Belfast ...	Gt. Britain ...	6 C 2	Uses low power, but a new Belfast station is planned	267.4	
Belgrade ...	Yugoslavia ...	7 J 4	Name sounds like "Baograd." Clock ticks in interval—60 per minute	437.3	
Bergen ...	Norway ...	8 A 2	Announces "Bergen Hei"	352.9	
Berlin ...	Germany ...	7 G 2	(See also Königswusterhausen)	356.7	
Beromünster ...	Switzerland ...	6 F 3	Announced in German. Refers to station as "Schweizerischer Landessender"	539.6	
Boden ...	Sweden ...	8 A 2	Generally relays the Stockholm programme. Is shortly to increase power	726	
Bolzano ...	Italy ...	7 G 3	Low powered station seldom heard in Britain	559.7	
Bordeaux ...	France ...	6 D 4	Frequently Relays Paris and other French stations. Announces "Bordeaux Lafayette"	278.6	
Bournemouth ...	Gt. Britain ...	6 D 2	Generally Relays London Regional	285.7	
Brasov ...	Roumania ...	7 K 3	New low-powered station	1875	
Bratislava ...	Czecho-Slovakia	7 H 3	Name pronounced as in English. Man and Woman announcers	298.8	
Breslau ...	Germany ...	7 H 2	Uses metronome sometimes in intervals. Works with Gienwitz	315.8	
Brno ...	Czecho-Slovakia	7 H 3	Pronounced "Burno" ("Dobrou Noc" means "Good Night")	325.4	
Brussels I ...	Belgium ...	6 E 2	Announces in French	485.9	
Brussels II ...	Belgium ...	" "	Announces in Flemish	321.9	
Bucharest ...	Roumania ...	7 K 4	Metronome beats 160 ticks per minute	212.6	
Bucharest ...	Roumania ...	" "	" "	50	
Budapest I ...	Hungary ...	7 H 3	New station, name pronounced "Boodspest". Uses tuneful interval signal, nine notes, G sharp, B, A, B, G sharp, B, A, B, G sharp.	549.5	
Budapest II ...	Hungary ...	" "	Low power alternative station	227.1	
Casablanca ...	N. Africa ...	10 C 3	Call CNBMC (Relays Rabat) Mon. 8—9 p.m., Tues. midnight to 1 a.m. and 8—9	48	
Constantine ...	Algeria ...	10 C 3	Call 8KR	45	
Copenhagen ...	Denmark ...	7 G 1	Relayed on long waves by Kalundborg. Closes down with Danish melody and three strokes of gong	255.1	
Cork ...	Irish Free State	6 C 2	Relays the Dublin programme	209.9	
Coruna ...	Spain ...	6 C 4	Seldom if ever heard in Britain	377.4	
Cracow ...	Poland ...	7 H 2	Announces "Halo! Polskie Radio, Krakow". Sleigh bells sometimes used as interval signal	219.6	
Danzig ...	Danzig ...	" "	Relays the Heilsberg programme	230.2	
Danzig ...	Free City	7 H 2	" "	" "	" "
Deventry 5XX	Gt. Britain ...	6 D 2	National Programme. New station now being erected (at Droitwich), to use greatly increased power	1500	
Deventry ...	Gt. Britain ...	" "	Empire Service. Call GSA	49.59	
Deventry ...	Gt. Britain ...	" "	" " " " GSB	31.55	
Deventry ...	Gt. Britain ...	" "	" " " " GSC	31.3	
Deventry ...	Gt. Britain ...	" "	" " " " GSD	25.53	
Deventry ...	Gt. Britain ...	" "	" " " " GSE	25.28	
Deventry ...	Gt. Britain ...	" "	" " " " GSF	19.82	
Deventry ...	Gt. Britain ...	" "	" " " " GSG	16.83	
(At present the various Empire transmitter wavelengths are being altered experimentally).					

THE "CONCERTS" OF EUROPE, continued.

Name of Station	Country	Page No. and Map Ref.	Station Information	Wave-length (metres)	Your Dial Readings
Dnepropetrovsk	U.S.S.R.	8 B 4	Shares wavelength with Limoges France	328.6	
Dublin	Irish Free State	6 C 2	Low powered relay. See Athlone	222.6	
Eindhoven	Holland	6 F 2	Call PHI. Hours 1—3 p.m.	25.57	
Eindhoven	Holland	" "	Mon., Thurs. and Fri. 12.30—2.30 p.m. Sat. and Sun. 12.30—3 p.m.	16.88	
Falun	Sweden	—	Works on low power	276.2	
Finmark	Norway	—	Do. Neither of these stations are often heard outside their own areas	845	
Florence	Italy	7 G 4	Relays the Turin programme. Name Florence is given in Italian as "Firenze"	491.8	
Frankfurt-am-Main	Germany	6 F 2	Wavelength shared by other German stations so programme not clearly receivable	251	
Geneva	Switzerland	6 F 3	Low powered relay of Sottens.	748	
Genoa	Italy	6 F 4	Song of nightingale as interval signal. Linked with Milan and Turin (the names are pronounced in Italian as "Milano, Torino, Genova")	304.3	
Gleiwitz	Germany	7 H 2	See Breslau, with which this station is usually linked	243.7	
Gornel	U.S.S.R.	7 L 2	Run by the Soviet Government	312.8	
Goteborg	Sweden	7 G 1	Name sounds like "Zhorteborg." "Goodnight" given as "Godnatt"	318.8	
Graz	Austria	7 H 3	"Halo! Radio Graz" Letter K in Morse (— —) is sometimes given in intervals; and also ticks of metronome, 200 per min.	338.6	
Grenoble	France	6 F 3	Announces as "Region des Alpes à Genoble"	309.9	
Hamar	Norway	—	Relays Oslo	578	
Hamburg	Germany	7 G 2	Sometimes sends Morse letters HA (— —) in interval. Often strikes gong before announcing	331.9	
Heilsberg	Germany	7 J 2	East Prussian Regional station; relays Königsberg	291	
Helsinki	Finland	8 A 2	Announces "Huomio! Lahti-Helsinki"	335.2	
Hilversum	Holland	6 F 2	Exchanges programmes with Huizen—see Huizen	301.5	
Horby	Sweden	7 G 1	Relays Stockholm	265.3	
Huizen	Holland	6 F 2	Exchanges programmes with the Hilversum station, so announcements may be either "Huizen" or "Hilversum"	1345	
Innsbruck	Austria	7 G 3	New station, shortly to come into operation	578	
Jeløy	Norway	7 G 1	Call LCL. Relays Oslo	42.85	
Kalundborg	Denmark	7 G 1	Relays Copenhagen. Man and Woman announcers	1261	
Katowice	Poland	7 H 2	Pronounced "Katto-veecha" Sometimes answers letters over the microphone. Interval signal, Hammer striking anvil	395.8	
Kaunas	Lithuania	7 J 1	Usually man announces: "Allo! Lietuvos Radio Kaunas"	1639	
Kharkov I	U.S.S.R.	8 B 4	Recently erected under the Soviet Radio Plan	1345	
Kharkov II	U.S.S.R.	" "	Do. do. do.	253.2	
Kiev	U.S.S.R.	7 L 2	Soviet station of no programme value	415.5	
Klagenfurt	Austria	7 G 3	Relays the Vienna programmes	209.9	
Königsberg	Germany	7 J 2	Linked with Heilsberg and Danzig	222.6	
König wusterhausen	Germany	7 G 2	Now the National German station, or "Deutschlandsender." Frequently picks the best programme items from Berlin and provincial stations	1571	
Kosice	Czecho Slovakia	7 J 3	Announces "Hallo Kosice." Uses three languages: Slovak, German and Hungarian. Closes down with "Dobru Noc" ("Goodnight")	269.5	
Krasnodar	U.S.S.R.	8 B 4	Shares this wavelength with two other stations, viz.: Bournemouth and Scottish National	285.7	
Lahti	Finland	8 A 2	Relays Helsinki (Helsingfors). No interval signal. Man and Woman announcers	1145	

THE "CONCERTS" OF EUROPE, continued.

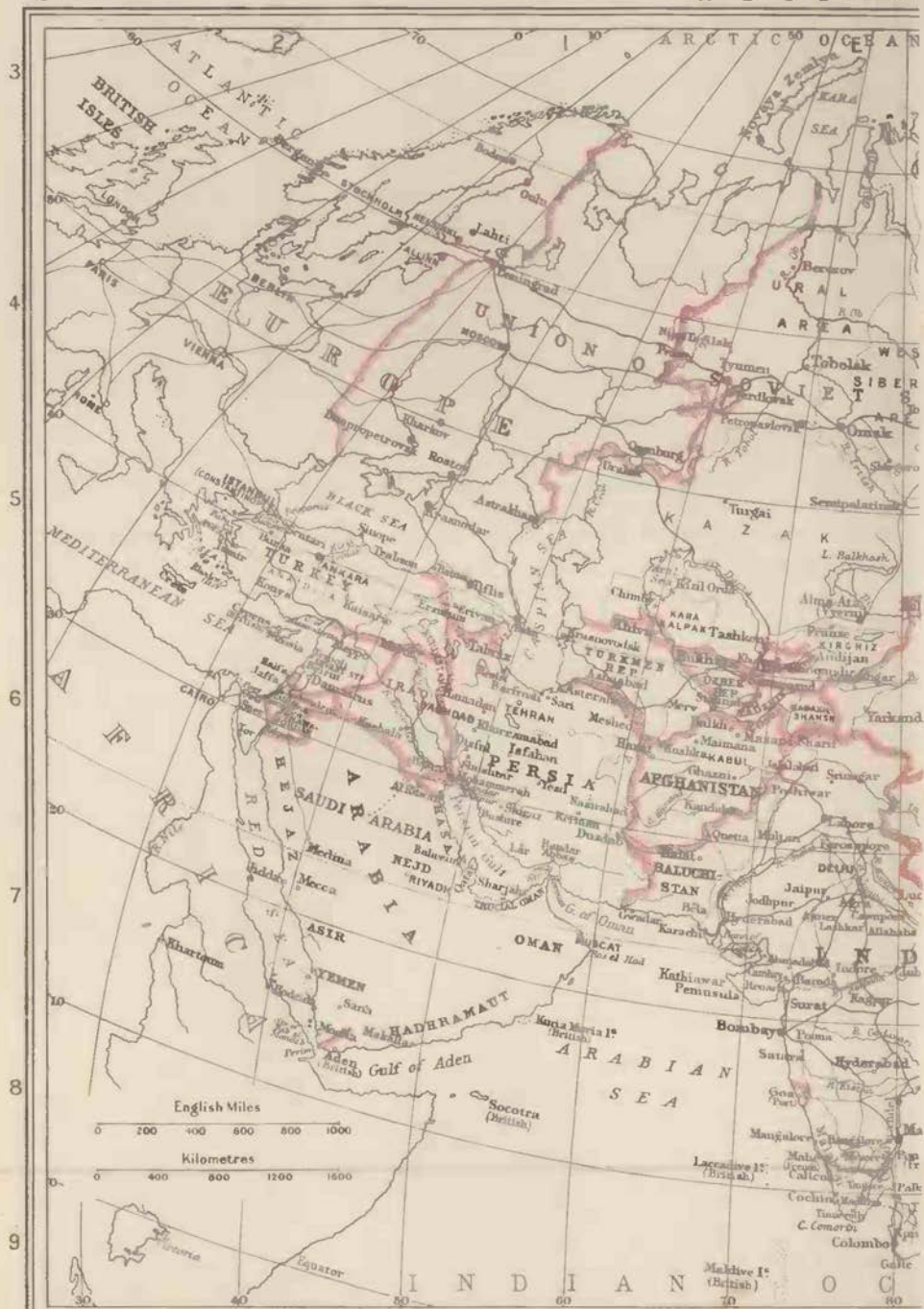
Name of Station	Country	Page No. and Map Ref.	Station Information	Wave-length (metres)	Your Dial Readings
Langenberg ...	Germany ...	6 F 2	Announces as "Westdeutscher Rundfunk"	455.9	
Leipzig ...	Germany ...	7 G 2	Sometimes uses Metronome in the intervals. Usually commences prog. at 5.15 a.m.	382.2	
Leningrad I ...	U.S.S.R. ...	8 B 3	Sometimes announces in English. Occasionally uses cuckoo interval signal	1224	
Leningrad II ...	U.S.S.R. ...	" E 2	Low powered Relay ...	288.6	
Lille ...	France ...	6 E 1	Call "Ici Radio PTT Lille." Closes down with air played on musical box	247.3	
Limoges ...	France ...	6 E 3	Relays Paris, Ecole Supérieure	328.6	
Linz ...	Austria ...	7 G 3	Relays Vienna	231.8	
Lisbon ...	Portugal ...	6 C 5	Call CTIAA. Tues. and Fri. 9.30 p.m. to midnight	31.25	
Ljubljana ...	Yugoslavia ...	7 G 3	Man announces: "Halo, Radio Ljubljana"	569.3	
Lodz ...	Poland ...	7 H 2	Interval signal, cuckoo	222.6	
London National	Gt. Britain ...	6 D 2	Relays Warsaw		
London Regional	Gt. Britain ...	" F 3	One of the Twin-wave high power stations at Brookmans Park	261.1	
Luxembourg ...	Luxembourg ...	" F 3	Do. Alternative prog. for London area	342.1	
Lwow ...	Poland ...	7 J 3	Sponsored programmes. Man and Woman announcers	240.2	
Lyons ...	France ...	6 E 3	Name pronounced like "Lvoof." Uses Metronome and a clock gong. Man and woman announcers	377.4	
Madona ...	Latvia ...	7 K 1	Announces as "Radio Lyon" or "Ici Radio Lyon"	463	
Madrid I ...	Spain ...	6 D 4	Relays Riga	514.6	
Madrid II ...	Spain ...	" "	New station, not yet in action	1639	
Madrid ...	Spain ...	" "	Fond of operatic programme. Usually closes down with the words "Hasta Manana"	293.5	
Madrid ...	Spain ...	" "	Call EAQ Daily 11 p.m.—1 a.m.	30	
Magyarovar ...	Hungary ...	7 H 3	Call EAR 110. Tues. and Sats. at 10.30 p.m.	43	
Marseilles ...	France ...	6 F 4	New low power relay	208.6	
Midland Regional	Gt. Britain ...	6 D 2	Frequently relays Paris. Closes down: "Bonsoir, Mesdames, Mesdemoiselles, Messieurs"	400.5	
Milan I ...	Italy ...	6 F 3	Originally called 5GB. Situated at Davenport. New station to replace it now being built at Droitwich.	391.1	
Milan II ...	Italy ...	" "	"Milano." See Genoa	368.6	
Minsk ...	U.S.S.R. ...	7 K 2	Known as the Vigentio station	222.6	
Miskolc ...	Hungary ...	7 J 3	Also known as "Minsk Koloditschi"	1442	
Monte Ceneri ...	Switzerland ...	6 F 3	Usually works in conjunction with Magyarovar	208.6	
Montpellier ...	France ...	6 E 4	Station for the Italian-speaking Switzerland	257.1	
Moravska-Ostrava	Czecho Slovakia	7 H 3	Low powered station	224	
Moscow I ...	U.S.S.R. ...	7 M 1	Many languages are used, including Czech, Slovak, German and French. Closes down with "Radiojournal Moravska-Ostrava, Dobrou Noc" (Goodnight)	259.1	
Moscow II ...	U.S.S.R. ...	" "	The most powerful broadcasting station in Europe. Occasional talks in English	1714	
Moscow III ...	U.S.S.R. ...	" "	Run by the Soviet Government for educational purposes	1107	
Moscow IV ...	U.S.S.R. ...	" "	Do. do. do.	748	
Moscow ...	U.S.S.R. ...	" "	Do. do. do.	360.6	
Moscow ...	U.S.S.R. ...	" "	Call RW72	45.38	
Motala ...	Sweden ...	7 H 1	"RW59 (Relays Moscow Trades Union)"	50.	
Muhlacker ...	Germany ...	6 G 3	Relays the Stockholm programme. Closes down with "Godnatt, Godnatt" (Goodnight, Goodnight)	1389	
Munich ...	Germany ...	7 G 3	This was the station formerly placed just above London Regional's wavelength	522.6	
Murmansk ...	U.S.S.R. ...	" "	The name is pronounced "Munchen"	405.4	
Naples ...	Italy ...	7 G 4	New Soviet station, on rather low power	491.8	
Newcastle ...	Gt. Britain ...	6 D 2	Pronounces names as "Napoli." Relays the Rome programme, so is generally announced as "Roma-Napoli"	271.7	
			Originates own programme about one evening a week, but usually takes the North Regional	209.9	

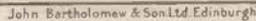
THE "CONCERTS" OF EUROPE, continued.

Name of Station	Country	Page No. and Map. Ref.	Station Information	Wave-length (metres)	Your Dial Readings
North National	Gt. Britain ...	6 D 2	One of the Twin-wave stations at Moorside Edge, Yorks.	296.2	
North Regional	Gt. Britain ...	" "	Do. A new station to be erected at Jerusalem will share the 449.1 metre wavelength with North Regional when it comes into operation	449.1	
Nyiregyhaza ...	Hungary ...	7 J 3	Works on the same wavelength as several other Hungarian stations	208.6	
Odessa ...	U.S.S.R. ...	7 L 3	Low powered station, not receivable in Gt. Britain	309.9	
Oslo ...	Norway ...	7 G 1	Deep-voiced man announcer, says "Oslo Her" before most of the items	1186	
Ostersund ...	Sweden ...	—	Relays the Stockholm programme	765	
Ouhka ...	U.S.S.R. ...	—	Not receivable in Gt. Britain	309.9	
Oslo ...	Finland ...	8 A 2	Announces in the Swedish and Finnish languages	696	
Palermo ...	Italy ...	7 G 5	Shares its wavelength with Athlone and other stations, so not received in this country	531	
Paris ...	France ...	6 E 3	See Radio Paris	1796	
Paris ...	France ...	" "	"Poste de Telegraphes de Paris" in announcements	431.7	
Paris ...	France ...	" "	See Radio Colonial	25.63	
Paris ...	France ...	" "	Call FYB. Sends Time Signal 10.26 a.m. and 11.26 p.m. daily	28.36	
Pecs ...	Hungary ...	7 H 3	Only a low powered relay station	208.6	
Petrozavodsk ...	U.S.S.R. ...	—	Not received in this country. Shares wavelength with a French station	463	
Plymouth ...	Gt. Britain ...	6 D 2	Usually takes the West Regional programme, and sometimes supplies it	203.5	
Poznan ...	Poland ...	7 H 2	Only a low powered station, sharing its wavelength	345.6	
Prague I ...	Czecho Slovakia	7 G 2	Name announced as "Praha." Until recently this was the highest powered station in Europe, using a wavelength next to North Regionals	470.2	
Prague II ...	Czecho Slovakia	" "	Very restricted range, and this wavelength to be shared by other Czecho Slovakian stations	249.2	
Prague ...	Czecho Slovakia	" "	Short wave experimental station. Call: OKIMPT	58.31	
Radio Colonial Paris ...	France ...	6 E 3	Daily, 5.15—11 p.m. 3—5 a.m.	25.63	
Radio Colonial Paris ...	France ...	" "	" 5.15—11 p.m.	25.25	
Radio Colonial Paris ...	France ...	" "	" 2—5 p.m.	19.68	
Radio Nations ...	Switzerland ...	6 F 3	League of Nations stations situated at Prangins	40.3	
Radio Nations ...	Switzerland ...	" "	Do. Sats. 10.0—10.45 p.m.	38.47	
Radio Nations ...	Switzerland ...	" "	Do. Sats. 10.0—10.45 p.m.	31.32	
Radio Paris ...	France ...	6 E 3	Announces "Ici Radio Paris." Closes with "Marseillaise" and "Bonsoir Mesdames, Bonsoir Mesdemoiselles, Bonsoir Messieurs"	1796	
Rennes ...	France ...	6 D 3	Man announcer. Generally relays Paris	288.6	
Reykjavik ...	Iceland ...	15 P 2	Woman announcer. Closes down with "Goda Not" (Goodnight)	1639	
Riga ...	Latvia ...	7 J 1	Women announcer. Pronounces name "Re-ga"	238.5	
Rome I ...	Italy ...	7 G 4	Generally woman announcer. "Roma-Napoli." Closes down with "Buona Notte" (Goodnight)	420.8	
Rome II ...	Italy ...	" "	Low powered station for local alternative	238.5	
Rome ...	Italy ...	" "	Call ZRO. Relays Rome I	25.4	
Rostov on Don ...	U.S.S.R. ...	8 B 4	Soviet Government station	845	
Salzburg ...	Austria ...	7 G 3	Low powered relay only	231.8	
San Sebastian ...	Spain ...	6 D 4	Announces "Monte Iguelido" (site of station) and closes with "Buenos Noches" (Goodnight)	238.5	
Scottish National	Gt. Britain ...	6 D 1	Twin wave station situated at Westerglen, Near Falkirk	285.7	
Scottish Regional	Gt. Britain ...	" "		373.1	







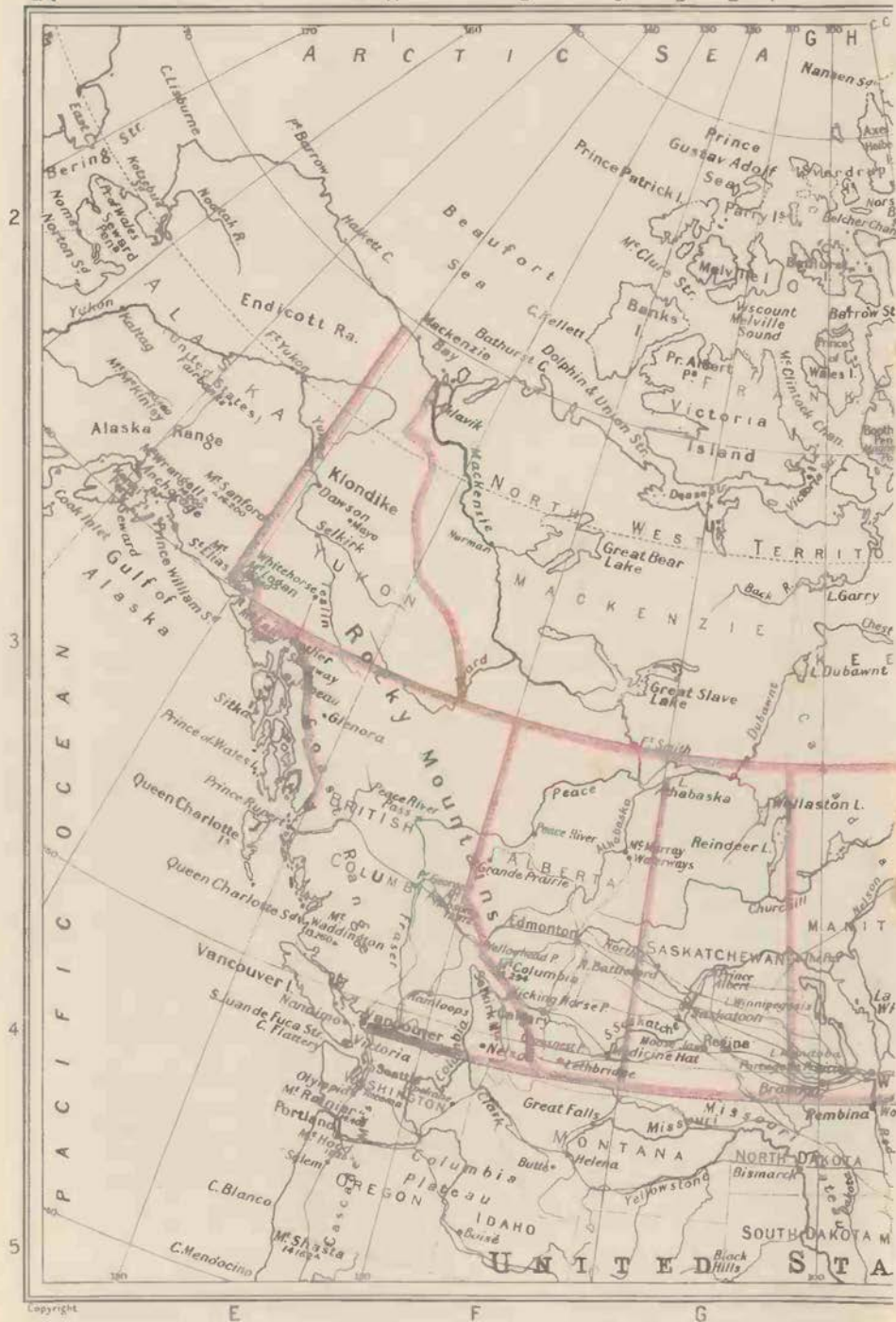


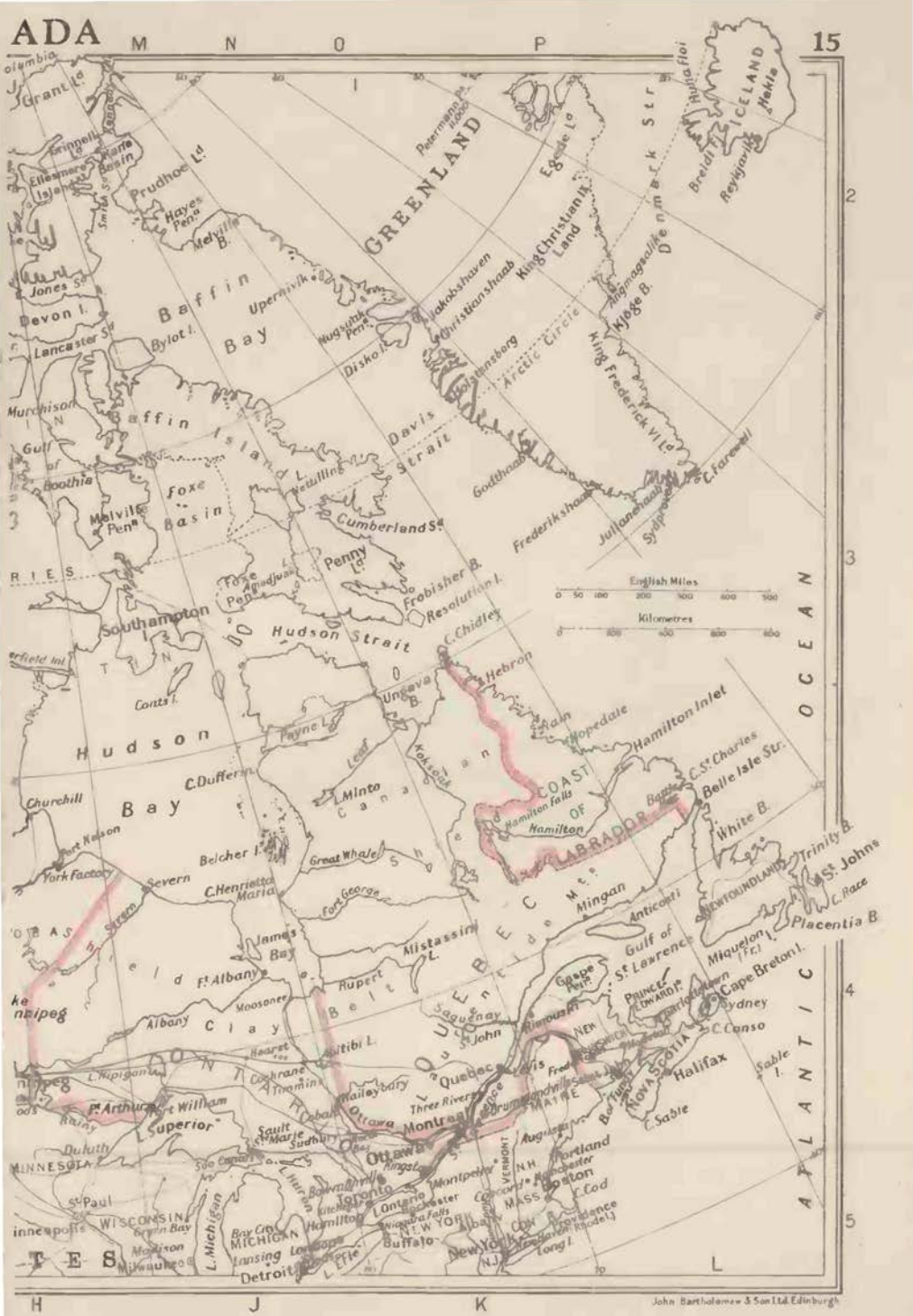
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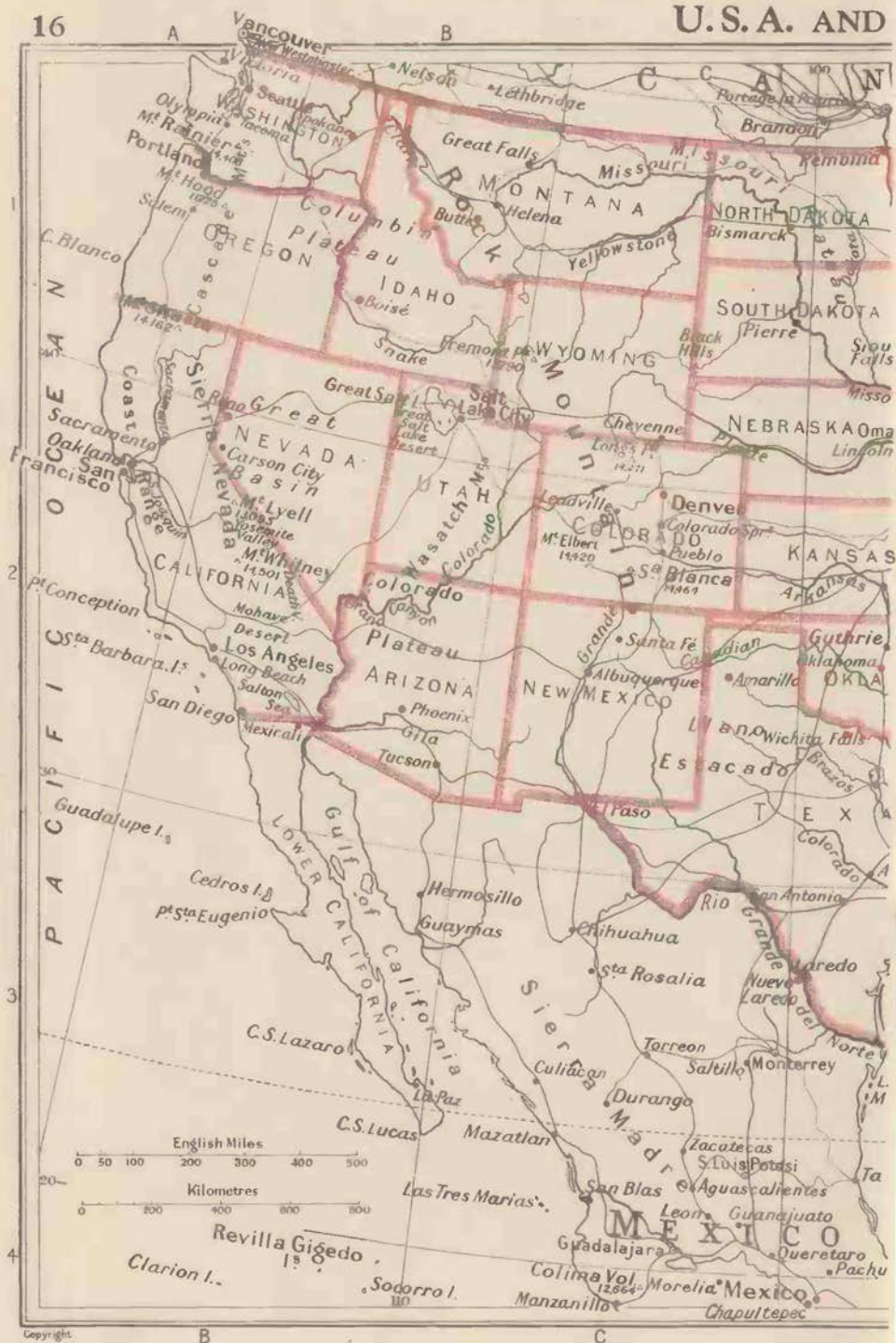


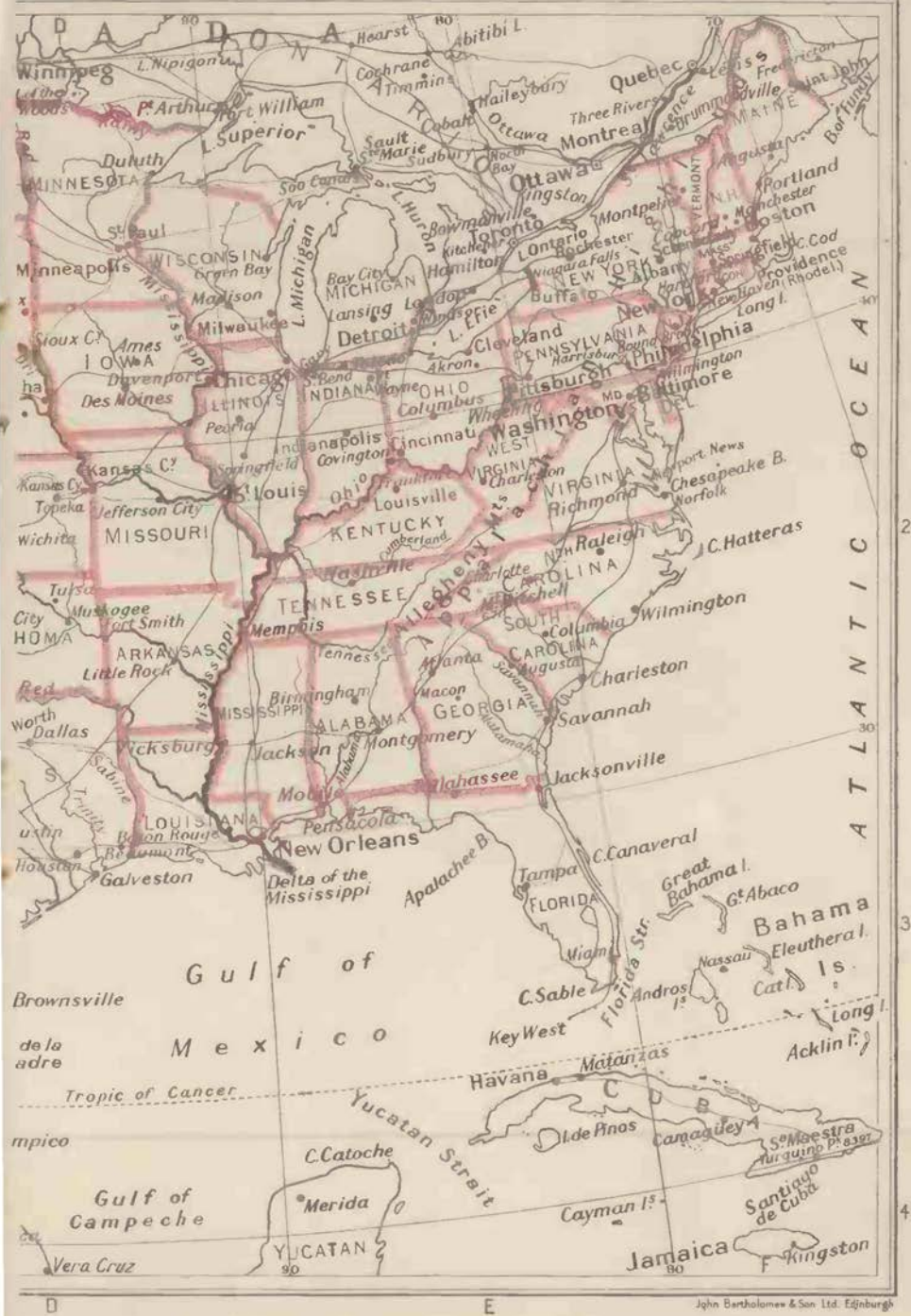












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THE "CONCERTS" OF EUROPE, continued.

Name of Station	Country	Page No. and Map Ref.	Station Information	Wave-length (metres)	Your Dial Readings
Seville ...	Spain ...	6 C 5	Pronounces Seville as "Sevil-ya"	410.4	
Simferopol ...	U.S.S.R. ...	7 G 1	Soviet Government station	349.2	
Slamlebsk ...	Denmark ...	7 L 2	Relays Copenhagen 6-11 p.m.	49.4	
Slamlebsk ...	Denmark ...	7 L 2	Call OXY	31.51	
Smolensk ...	U.S.S.R. ...	6 F 3	New Soviet station, unlikely to be received in Britain	824	
Sottens ...	Switzerland ...	6 F 3	Announces as "Radio Suisse Romande" Programmes from Lausanne or Geneva studios. Announces in French	443.1	
Stalino ...	U.S.S.R. ...	7 H 1	New Soviet station unlikely to be received in Britain	386.6	
Stockholm ...	Sweden ...	7 H 1	Usually announces "Stockholm-motala"	426.1	
Strasbourg ...	France ...	6 F 3	Closes with "God-Nat" (Goodnight)	349.2	
Sundavall ...	Sweden ...	—	Announces in German and French Relays to Stockholm programme	499.2	
Tallinn ...	Estonia ...	8 A 3	Very seldom heard in Britain	410.4	
Tampere ...	Finland ...	—	Relays the Helsinki programmes	569.3	
Tchernigov ...	U.S.S.R. ...	—	New Soviet station sharing North National's wavelength	296.2	
Tirapol ...	U.S.S.R. ...	7 K 3	May change wavelength with Odessa	280.9	
Torun ...	Poland ...	7 H 2	Shares wavelength with Genoa	304.3	
Toulouse ...	France ...	6 E 4	Formerly a well-received station, but now uses shared wavelength	386.6	
Trieste ...	Italy ...	7 G 3	Pronounces name as "Tree-es-tay"	245.5	
Trondheim ...	Norway ...	—	Relays Oslo's programme	476.9	
Turin ...	Italy ...	6 F 3	Nightingale's song as interval signal. Announces as "Radio Milano-Torino-Genova"	263.2	
Valencia ...	Spain ...	6 D 5	Announces "Radio Valencia" but uses only low power, so seldom heard	352.9	
Vatican City ...	Italy ...	7 G 4	Daily 7-7.15 p.m. and Sundays 10-10.30 a.m.	50.26	
Vatican City ...	Italy ...	7 H 3	Daily 10-10.15 a.m.	19.84	
Vienna ...	Austria ...	7 H 3	Pronounces name "Radio Veen." Sometimes uses fast-ticking metronome in intervals	506.8	
Vienna Experimental ...	Austria ...	" "	Tues. and Thurs. at intervals from 1.30 to 9.0 p.m.	49.4	
Viipuri ...	Finland ...	—	Relays Helsinki programme	400.5	
Vinnitsa ...	U.S.S.R. ...	7 K 3	Only a low powered station	274	
Voroneie ...	U.S.S.R. ...	—	Low powered station, shares wavelength with Boden	726	
Warsaw I ...	Poland ...	7 J 2	Announces name as "Varshova." Clock gong in intervals	1304	
Warsaw II ...	Poland ...	" "	Low powered station not heard in this country	216.8	
West National ...	Gt. Britain ...	6 D 2	Situated at Watchet, Somerset	261.1	
West Regional ...	Gt. Britain ...	" "	Do. Programmes from Cardiff, Bristol, Plymouth, etc.	307.1	
Wilno ...	Poland ...	7 K 2	Uses trumpet (3 blasts) as interval signal	559.7	
Zagreb ...	Yugoslavia ...	7 H 3	Metronome ticks in intervals	276.2	
Zeesen ...	Germany ...	7 G 2	Usually works 10 p.m.-2.15 a.m.	31.38	
Zeesen ...	Germany ...	" "	3-11 p.m. daily	25.51	
Zeesen ...	Germany ...	" "	1.55-10.30 p.m. daily	19.73	
Zeesen ...	Germany ...	" "	Call DJE. Irregular hours of working	16.89	

THE BROADCASTS OF THE WORLD

A LIST OF THE PRINCIPAL STATIONS OUTSIDE EUROPE

Name of Station	Country	Page No. and Map Ref.	Time compared with G.M.T.	Wave- length in Metres	Your own Dial Readings
Adelaide ...	Australia ...	12	E 3	9½ hours fast	411
Agronomía ...	Uruguay ...	—	—	3½ hours slow	411
Albury ...	Australia ...	13	D 4	10 hours fast	227
Alma-Ata ...	U.S.S.R. ...	8	F 4	2 hours fast	967
Amparo ...	Brazil ...	19	F 6	3 hours slow	230
Anchorage ...	Alaska ...	—	—	9 hours slow	244.2
Apia ...	Samoa ...	—	—	11½ hours slow	319
Auckland ...	New Zealand ...	13	G 4	11½ hours fast	333
Bahia ...	Brazil ...	18	G 5	3 hours slow	350
Baku ...	U.S.S.R. ...	8	C 4	2 hours fast	1260
Ballarat ...	Australia ...	13	D 4	10 hours fast	230
Bandoeng ...	Java ...	—	—	8 hours fast	58.03
Bangkok ...	Siam ...	9	J 7	7 hours fast	350
Belem ...	Brazil ...	18	F 4	3 hours slow	220
Belle Isle ...	Newfoundland ...	15	M 3	3½ hours slow	335
Bendigo ...	Australia ...	13	D 4	10 hours fast	306
Bogota ...	Colombia ...	18	C 3	5 hours slow	48.95
"	"	"	"	"	48.6
"	"	"	"	"	48.00
Boise ...	U.S.A. ...	16	B 1	8 hours slow	240
Bombay ...	India ...	8	F 7	5½ hours fast	357.1
Boston ...	U.S.A. ...	17	F 1	5 hours slow	49.67
"	"	"	"	"	25.45
"	"	"	"	"	19.67
Bound Brook ...	U.S.A. ...	17	F 1	5 hours slow	395
"	"	"	"	"	16.87
"	"	"	"	"	46.69
"	"	"	"	"	49.18
Bowmanville ...	Canada ...	15	K 4	5 hours slow	435
"	"	"	"	"	330
"	"	"	"	"	49.22
Brandon ...	Canada ...	14	H 4	7 hours slow	557
Brisbane ...	Australia ...	13	E 3	10 hours fast	395
Buenos Aires ...	Argentina ...	19	E 7	4 hours slow	361.4
Calcutta ...	India ...	9	G 6	5½ hours fast	370.4
"	"	"	"	"	49.1
Calgary ...	Canada ...	14	F 3	8 hours slow	291.2
Cape Town ...	South Africa ...	11	E 10	2 hours fast	371
Caracas ...	Venezuela ...	18	D 2	4½ hours slow	49.08
"	"	"	"	"	48.78
"	"	"	"	"	31.55
Centenario ...	Uruguay ...	—	—	3½ hours slow	240
Charlottetown ...	Canada ...	15	L 4	4 hours slow	517
Chatham ...	Canada ...	—	—	5 hours slow	248
Chekiang ...	China ...	—	—	8 hours fast	307
Chicago ...	U.S.A. ...	17	E 1	6 hours slow	293.9
"	"	"	"	"	389.4
"	"	"	"	"	344.6
"	"	"	"	"	49.34
"	"	"	"	"	49.18
Chilliwack ...	Canada ...	—	—	8 hours slow	214
Christchurch ...	New Zealand ...	13	G 5	11½ hours fast	306
Ciego ...	Cuba ...	—	—	5 hours slow	235
Cienfuegos ...	Cuba ...	—	—	5 hours slow	200
Cincinnati ...	U.S.A. ...	17	E 2	6 hours slow	428.6
"	"	"	"	"	49.5
Cleveland ...	U.S.A. ...	17	E 1	5 hours slow	280.2
Cobalt ...	Canada ...	15	K 4	5 hours slow	248
Colombo ...	Ceylon ...	8	F 9	5½ hours fast	428.6
Colonia ...	Uruguay ...	19	E 7	3½ hours slow	232
Curitiba ...	Brazil ...	19	F 6	3 hours slow	340
Dairen ...	Japan ...	9	L 5	9 hours fast	395
Dallas ...	U.S.A. ...	17	D 2	6 hours slow	288
"	"	"	"	"	374.8

BROADCASTS OF THE WORLD, continued.

Name of Station	Country	Page No. and Map Ref.	Time compared with G.M.T.	Wave- length in Metres	Your own Dial Readings
Dannevirke ...	New Zealand ...	—	11½ hours fast	273	
Denver ...	U.S.A. ...	16 C 2	7 hours slow	361.2	
Dunedin ...	New Zealand ...	13 G 5	11½ hours fast	463	
Durban ...	South Africa ...	11 G 9	2 hours fast	415	
Edmonton ...	Canada ...	14 F 3	7 hours slow	517	
Eketahuna ...	New Zealand ...	—	11½ hours fast	247	
Estacion Oficial ...	Uruguay ...	—	3½ hours slow	462	
Fada ...	Uruguay ...	—	3½ hours slow	309	
Fleming ...	Canada ...	—	7 hours slow	500	
Fort Worth ...	U.S.A. ...	—	6 hours slow	374.8	
Fredricton ...	Canada ...	15 L 4	5 hours slow	248	
Fukuoka ...	Japan ...	—	9 hours fast	411	
Funchal ...	Madeira ...	10 B 3	1 hour slow	26.83	
Geelong ...	Australia ...	13 D 4	10 hours fast	214	
Gisborne ...	New Zealand ...	13 G 4	11½ hours fast	260	
Gomel ...	U.S.S.R. ...	7 L 2	2 hours fast	483	
Grand Island ...	U.S.A. ...	—	5 hours slow	288	
Greymouth ...	New Zealand ...	13 G 5	11½ hours fast	366	
Guatemala City ...	S. America ...	18 A 2	6 hours slow	45	
Gunnedah ...	Australia ...	13 E 4	10 hours fast	225	
Halifax ...	Canada ...	15 L 4	4 hours slow	330	
"	"	—	"	49.1	
Hamilton ...	Canada ...	15 K 4	5 hours slow	341	
Hamilton ...	New Zealand ...	—	11½ hours fast	475	
Harbin ...	China ...	9 L 4	8 hours fast	446	
Hastings ...	New Zealand ...	—	11½ hours fast	225	
Havana ...	Cuba ...	17 E 3	5 hours slow	500	
"	"	—	"	315	
Hiroshima ...	Japan ...	9 M 5	9 hours fast	353	
Hobart ...	Australia ...	13 D 5	10 hours fast	517	
Honolulu ...	U.S.A. ...	—	10 hours slow	319	
Hong Kong ...	China ...	9 K 6	8 hours fast	355	
Imeni Popova ...	U.S.S.R. ...	—	2 hours fast	1115	
Invercargill ...	New Zealand ...	13 F 5	11½ hours fast	258	
Iroquois Falls ...	Canada ...	—	5 hours slow	500	
Johannesburg ...	South Africa ...	11 F 9	2 hours fast	447.5	
"	"	—	"	49	
Kamloops ...	Canada ...	14 E 3	8 hours slow	268	
Kanazawa ...	Japan ...	9 M 5	9 hours fast	423	
Ketchikan ...	Alaska ...	—	8 hours slow	333	
Khabarovsk ...	U.S.S.R. ...	9 M 4	2 hours fast	93.7	
"	"	—	"	285	
"	"	—	"	70.2	
Kingston ...	Canada ...	15 K 4	5 hours slow	268	
Kuala Lumpur ...	Federated Malay States	9 J 8	7 hours fast	48.9	
Kumamoto ...	Japan ...	—	9 hours fast	380	
Lahore ...	India ...	8 F 5	5½ hours fast	340	
La Paz ...	Bolivia ...	18 D 5	4 hrs. 32 mins. slow	49.3	
Launceston ...	Australia ...	13 D 5	10 hours fast	1080	
"	"	—	"	1100	
Lethbridge ...	Canada ...	14 F 4	8 hours slow	268	
Lima ...	Peru ...	18 C 5	5 hours slow	380	
London ...	Canada ...	15 J 4	5 hours slow	330	
"	"	—	"	62.56	
"	"	—	"	46.67	
Los Angeles ...	U.S.A. ...	16 B 2	8 hours slow	468.5	
Los Pinos ...	Cuba ...	—	5 hours slow	213	
Louisville ...	U.S.A. ...	17 E 2	6 hours slow	365.6	
Madras ...	India ...	8 G 7	5½ hours fast	390	
Manilla ...	Phillipine Is. ...	9 L 7	8 hours fast	485	
Manizales ...	Colombia ...	18 C 3	4 hours 56 mins. slow	41.9	
Manurewa ...	New Zealand ...	—	11½ hours fast	247	
Maracay ...	Venezuela ...	18 D 2	4½ hours slow	48.95	
Masterton ...	New Zealand ...	—	11½ hours fast	254	
Matanzas ...	Cuba ...	17 E 3	5 hours slow	307	

BROADCASTS OF THE WORLD, continued.

Name of Station	Country	Page No. and Map Ref.	Time compared with G.M.T.	Wave- length in Metres	Your own Dial Readings
Melbourne ...	Australia ...	13 D 4	10 hours fast	484	
" "	" "	" "	" "	375	
" "	" "	" "	" "	31.55	
Merida ...	Mexico ...	17 E 3	6 hours slow	547	
Mexico City ...	Mexico ...	16 D 4	7 hours slow	548	
" "	" "	" "	" "	450	
" "	" "	" "	" "	349	
" "	" "	" "	" "	248	
Midland ...	Canada ...	" "	5 hours slow	268	
Milan ...	Uruguay ...	" "	3½ hours slow	212	
Moncton ...	Canada ...	15 L 4	4 hours slow	476	
Monte Carlo ...	Uruguay ...	" "	3½ hours slow	322	
Monte Video ...	Uruguay ...	19 E 7	3½ hours slow	201	
" "	" "	" "	" "	309	
" "	" "	" "	" "	411	
" "	" "	" "	" "	462	
Montreal ...	Canada ...	15 K 4	5 hours slow	411	
" "	" "	" "	" "	49.96	
Moosejaw ...	Canada ...	14 G 3	7 hours slow	506	
Moss Vale ...	Australia ...	13 E 4	10 hours fast	245	
" "	" "	" "	" "	205	
Mukden ...	Manchukuo ...	9 L 4	8 hours fast	410	
Nacional ...	Uruguay ...	" "	3½ hours slow	265	
Nagoya ...	Japan ...	" "	9 hours fast	370.1	
Nairobi ...	Kenya Colony	11 G 7	2 hours fast	400	
" "	" "	" "	" "	49.5	
Napier ...	New Zealand ...	13 G 4	1½ hours fast	238	
Nashville, Tenn. ...	U.S.A. ...	17 E 2	6 hours slow	461.4	
Newcastle ...	Australia ...	13 E 4	10 hours fast	270	
New Plymouth ...	New Zealand ...	13 G 4	1½ hours fast	243	
New York ...	U.S.A. ...	17 F 1	5 hours slow	454.3	
" "	" "	" "	" "	394.5	
" "	" "	" "	" "	272.6	
Okayama ...	Japan ...	" "	9 hours fast	429	
Omsk ...	U.S.S.R. ...	8 F 3	2 hours fast	636	
Osaka ...	Japan ...	9 M 5	9 hours fast	400	
Ottawa ...	Canada ...	15 K 4	5 hours slow	500	
" "	" "	" "	" "	337	
Palmerston North ...	New Zealand ...	" "	1½ hours fast	285	
" "	" "	" "	" "	267	
Peiping ...	China ...	9 K 5	8 hours fast	215	
Perth ...	Australia ...	12 A 4	8 hours fast	435	
Philadelphia ...	U.S.A. ...	17 F 1	5 hours slow	256.3	
" "	" "	" "	" "	31.28	
" "	" "	" "	" "	49.5	
Pilot Butte ...	Canada ...	" "	7 hours slow	312	
Pittsburgh ...	U.S.A. ...	17 F 1	5 hours slow	305.9	
" "	" "	" "	" "	13.93	
" "	" "	" "	" "	19.72	
" "	" "	" "	" "	25.27	
" "	" "	" "	" "	48.86	
Popelka ...	Uruguay ...	" "	3½ hours slow	238	
Porto Alegre ...	Brazil ...	19 E 6	3 hours slow	275	
Prescott ...	Canada ...	" "	5 hours slow	297	
Preston ...	Canada ...	" "	5 hours slow	248	
Pretoria ...	South Africa ...	11 F 9	2 hours fast	315	
Quebec ...	Canada ...	15 K 4	5 hours slow	341	
Radio Electrica ...	Uruguay ...	" "	3½ hours slow	353	
Rangoon ...	Burma ...	9 H 7	6½ hours fast	350	
Regina ...	Canada ...	14 G 3	7 hours slow	312.3	
Ribeirao Preto ...	Brazil ...	19 E 6	3 hours slow	260	
Richmond, Va. ...	U.S.A. ...	17 F 2	5 hours slow	270.1	
Rio de Janeiro ...	Brazil ...	19 F 6	3 hours slow	400	
" "	" "	" "	" "	360	
" "	" "	" "	" "	320	
" "	" "	" "	" "	260	
" "	" "	" "	" "	220	
Saigon ...	Indo China ...	9 J 7	8 hours fast	570	
St. Denis ...	Reunion ...	" "	4 hours fast	500	
St. John ...	Canada ...	15 L 4	4 hours slow	337	
" "	" "	" "	" "	49.26	

BROADCASTS OF THE WORLD, continued.

Name of Station	Country	Page No and Map Ref.	Time compared with G.M.T.	Wave- length in Metres	Your own Dial Readings
St. John's	Newfoundland	15 M. 4	3 1/2 hours slow	545 444	
St. Louis, Mo.	U.S.A.	17 D. 2	6 hours slow	275.1	
St. Paul, Minn.	U.S.A.	17 D. 1	6 hours slow	205.4	
Saladene	Sum.	—	2 hours fast	320	
Samarland	U.S.S.R.	8 E. 5	2 hours fast	875	
San Antonio, Tex.	U.S.A.	16 D. 3	7 hours slow	252	
San Francisco	U.S.A.	16 A. 2	8 hours slow	440.9 379.5	
San Juan	Porto Rico	18 D. 2	4 hours slow	337	
Santiago de Cuba	Cuba	17 F. 4	5 hours slow	290 273	
		"	"	255	
		"	"	240	
		"	"	227	
Santos	Brazil	19 F. 6	3 hours slow	300	
Sao Paulo	Brazil	19 F. 6	3 hours slow	400 350	
		"	"	320	
		"	"	295	
Saskatoon	Canada	14 G. 3	7 hours slow	330	
Schenectady	U.S.A.	17 F. 1	5 hours slow	379.5 19.56	
New York	U.S.A.	"	"	31.48	
Seattle	U.S.A.	16 A. 1	8 hours slow	309.1	
Senda	Japan	—	9 hours fast	394.7	
Shanghai	China	9 L. 5	8 hours fast	235.5	
Spokane	U.S.A.	16 B. 1	8 hours slow	204	
Springfield, Mass.	U.S.A.	17 F. 1	5 hours slow	302.8 31.35	
Sydney	Canada	"	4 hours slow	341	
Sydney	Australia	13 E. 4	10 hours fast	451 351	
		"	"	316	
		"	"	292	
		"	"	280	
		"	"	266	
		"	"	31.28	
Tacubaya	Mexico	—	7 hours slow	600 500	
Tananarive	Madagascar	11 H. 8	3 hours fast	52.7	
Tashkent	U.S.S.R.	8 E. 4	2 hours fast	1170	
Teneriffe	Canary Islands	10 B. 4	Same as Greenwich	41.6	
Tientsin	China	9 K. 5	8 hours fast	480 300	
Tokyo	Japan	9 M. 5	9 hours fast	345	
Toowoomba	Australia	13 E. 3	10 hours fast	294	
Toronto	Canada	15 K. 4	5 hours slow	312 434.7	
Traralgar	Australia	13 D. 4	10 hours fast	234	
Uruguay	Uruguay	—	3 1/2 hours slow	285	
Vancouver	Canada	14 E. 4	8 hours slow	411 291	
		"	"	49.43	
Verkhneudinsk	U.S.S.R.	9 J. 3	2 hours fast	857	
Victoria	Canada	14 E. 4	8 hours slow	476	
Victoria Peak	Hong Kong	9 K. 6	8 hours fast	355	
Vladivostok	U.S.S.R.	9 M. 4	2 hours fast	472 413	
Waipara	New Zealand	—	11 1/2 hours fast	366	
Wangmui	New Zealand	—	11 1/2 hours fast	500	
Washington, D.C.	U.S.A.	17 F. 2	5 hours slow	316	
Waterloo	Canada	—	5 hours slow	297	
Wayne	U.S.A.	17 E. 1	6 hours slow	49.02 25.36	
Wellington	New Zealand	13 G. 5	11 1/2 hours fast	420	
Windsor	Canada	15 J. 4	6 hours slow	555.5	
Winnipeg	Canada	14 H. 3	6 hours slow	329.6 25.6	
Yarkton	Canada	"	7 hours slow	476	
Zion	U.S.A.	—	6 hours slow	278	