

DIAL of the WORLD



*Get a world
of entertainment
from your radio*

25¢



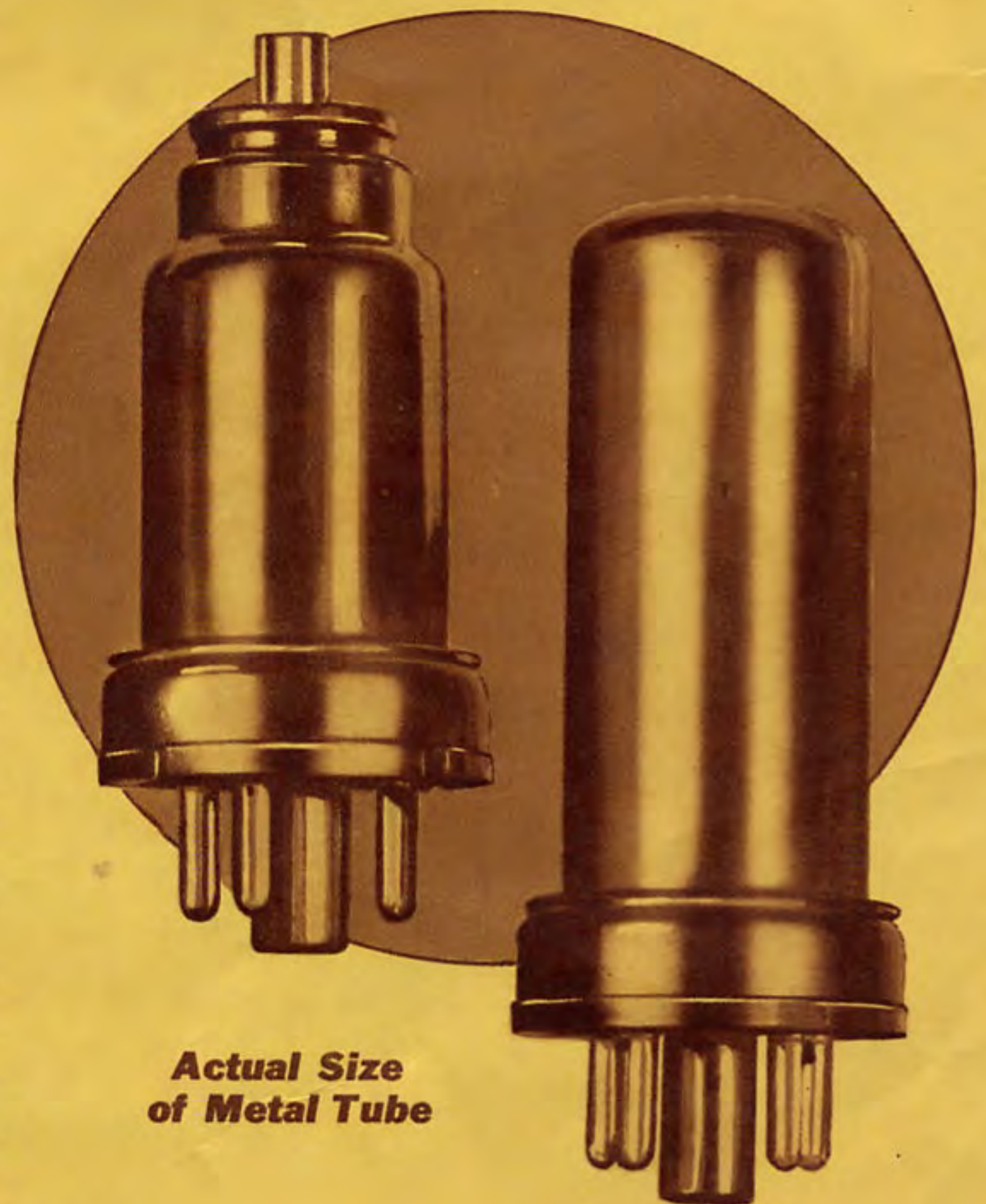
NEW METAL TUBES bring amazing improvements to the marvels of SHORT-WAVE RADIO . . .

WHAT THEY LOOK LIKE WHY THEY ARE BETTER

The metal tube is one of the most important developments in radio since broadcasting was begun fifteen years ago. It has been necessary, with glass-enclosed tubes, that a metal shielding cover or "can" be placed over each to eliminate interference between tubes and to prevent interfering, undesired electrical currents from getting into the delicate elements within. Variations in these shielding cans, and in the way they are placed around the tubes, have limited the efficiency of receivers designed for use with them. Metal tubes, being enclosed in a shielding outer shell, assure uniformity of spacing between operating elements and shield, and circuits are now practical which enable a tube to function far more effectively.

Glass has always been an uncertain element to work with, while a metal casing assures a better vacuum, longer life and fewer inherent tube noises. Metal tubes can be constructed much smaller in size, a distinct advantage when tubes are used for short-wave work. Because of the better conductivity of metal, there is more rapid heat dissipation, making for better operation.

Due, however, to these new and better tubes having different values from their glass-encased predecessors, it is not feasible to place them in radio sets now in homes and expect the marvelous results their designers hoped for. An entirely new series of chassis was designed for



**Actual Size
of Metal Tube**

them by Stewart-Warner, of which each part and circuit is planned to accurately match the characteristics of the metal tubes, and which actually get utmost efficiency from them. The various Ferrodyne chassis set new high standards of sharp "clean" tuning, world-encircling sensitivity and realism of reproduction.

THRILLS ENTERTAINMENT EDUCATION

ARE AT THE COMMAND
OF THE D-X FAN . . .



What glorious fun! What thrilling mystery and excitement! Nothing, within the reach of the average person today, affords one-half the interest and entertainment as exploring the world via short and long wave radio. Next to the privilege of personally visiting far-off lands, where one can see how people live and what is going on, is that

of actually hearing the language, the music and the news from great foreign cities of historic fame. Or listening to police bulletins, aviation and amateur conversations.



EDWARD STARTZ

Versatile announcer of Station PHI, Huizen, Holland, which maintains elaborate studios at Hilversum. Mr. Startz is one of the most popular announcers in Europe through his command of many tongues. He speaks Dutch, Malay, English, French, German and Portugese.

Modern radio engineering has brought the wonders of short-wave air exploration out of the laboratory into the home, where anyone can enjoy it. And now, with the development and perfection of the new metal tubes, undesired noises and interference have been greatly reduced. An equal measure of improvement has also been brought to standard, American broadcast reception, affording entertainment of amazing brilliance and clarity.

A modern, world-wide radio assures thousands of hours of happiness . . . enables one to get England, France, Russia, Germany, Italy, South America, Australia and Japan . . . and American stations on their short-wave transmissions, sometimes not clear on their standard channels. Young and old have found in this hobby, a new world of enchantment.

INT. S. W. CLUB



Above are typical acknowledgments received by distance fans from foreign broadcasting stations. Collecting such cards is one of the newest and most interesting hobbies.

PATIENCE AND EXPERIENCE A SHORT-WAVE RECEPTION

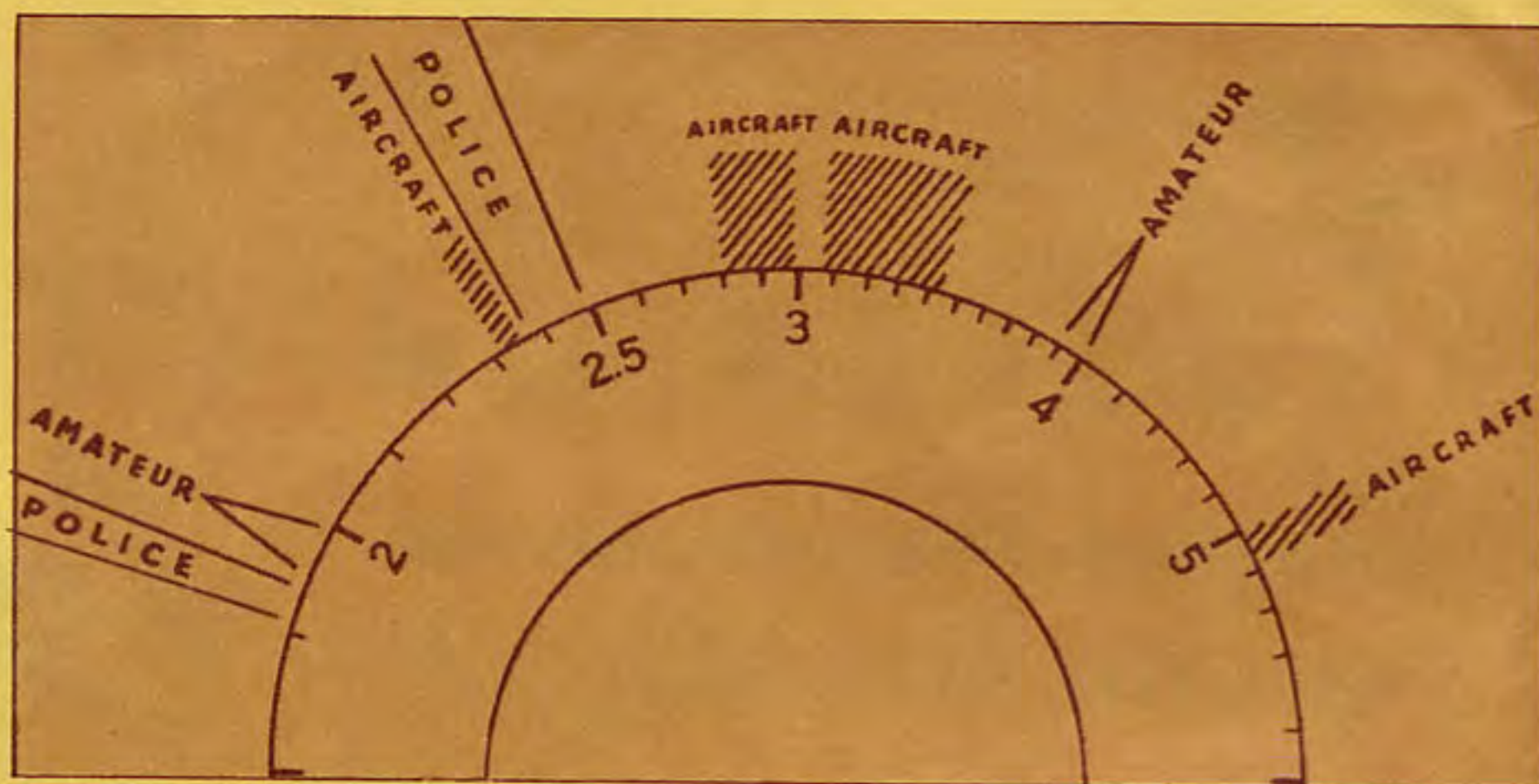
Securing enjoyable reception of foreign short-wave stations is largely the result of having learned WHEN, WHERE, and HOW to tune for them by actual experience with *one's own receiver*. That you may the more quickly become adept at this fascinating entertainment, we offer you here the benefit of our own many years of experience in the short-wave field.

TUNE SLOWLY

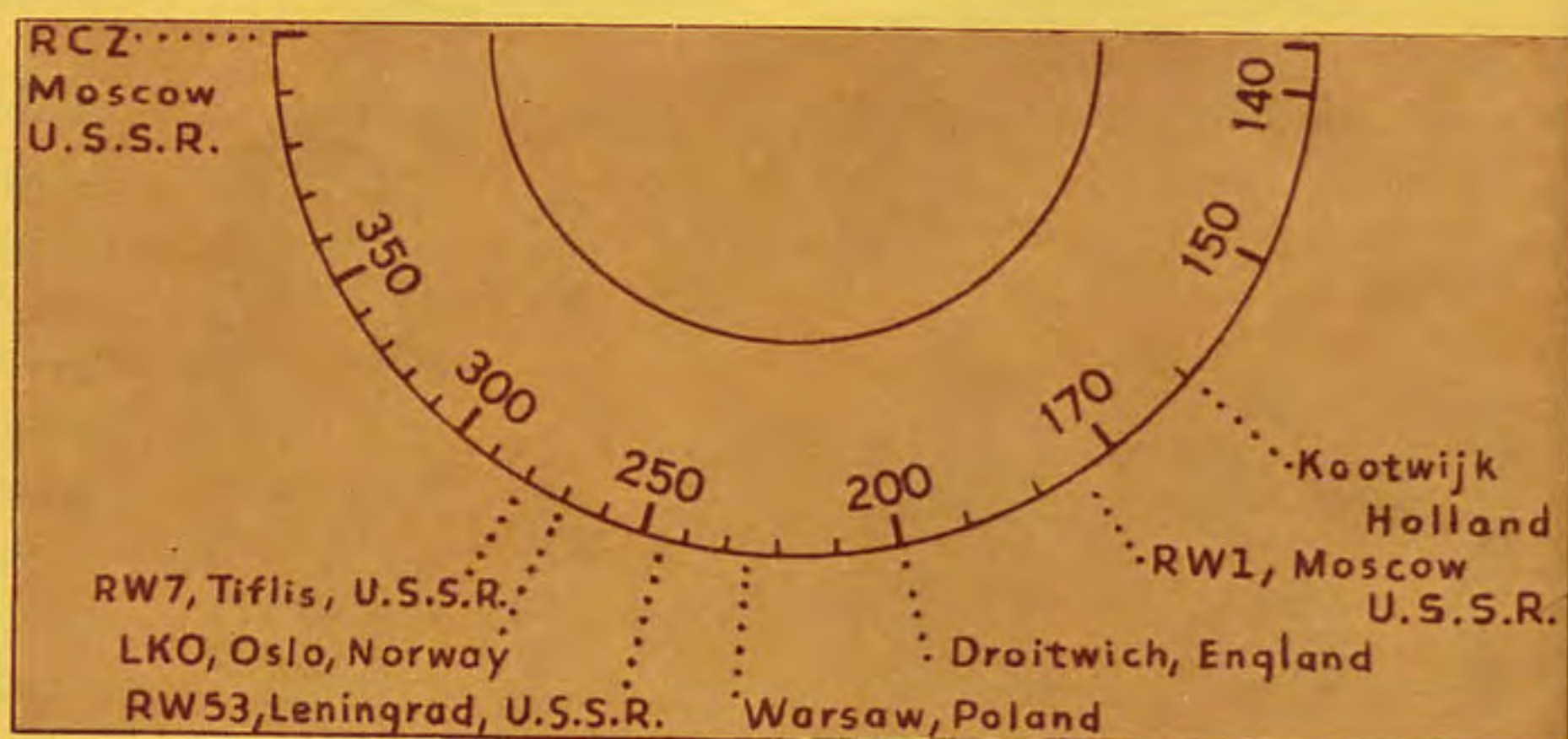
Unlike dialing for American broadcasts, one cannot just glance at a call book, flip the dial, and have assurance of satisfactory results. Foreign short-wave stations are not continuously on the air from dawn to midnight as are stations in this country; instead, the better stations usually transmit in periods of two to four hours' duration and on varying schedules. Published lists of the broadcasting hours of such stations become obsolete very quickly, and assurance of finding certain stations "on the air," at any given time, is best to be had by frequent periods of listening-in yourself, and the correcting of your own log sheet.

TUNE SLOWLY

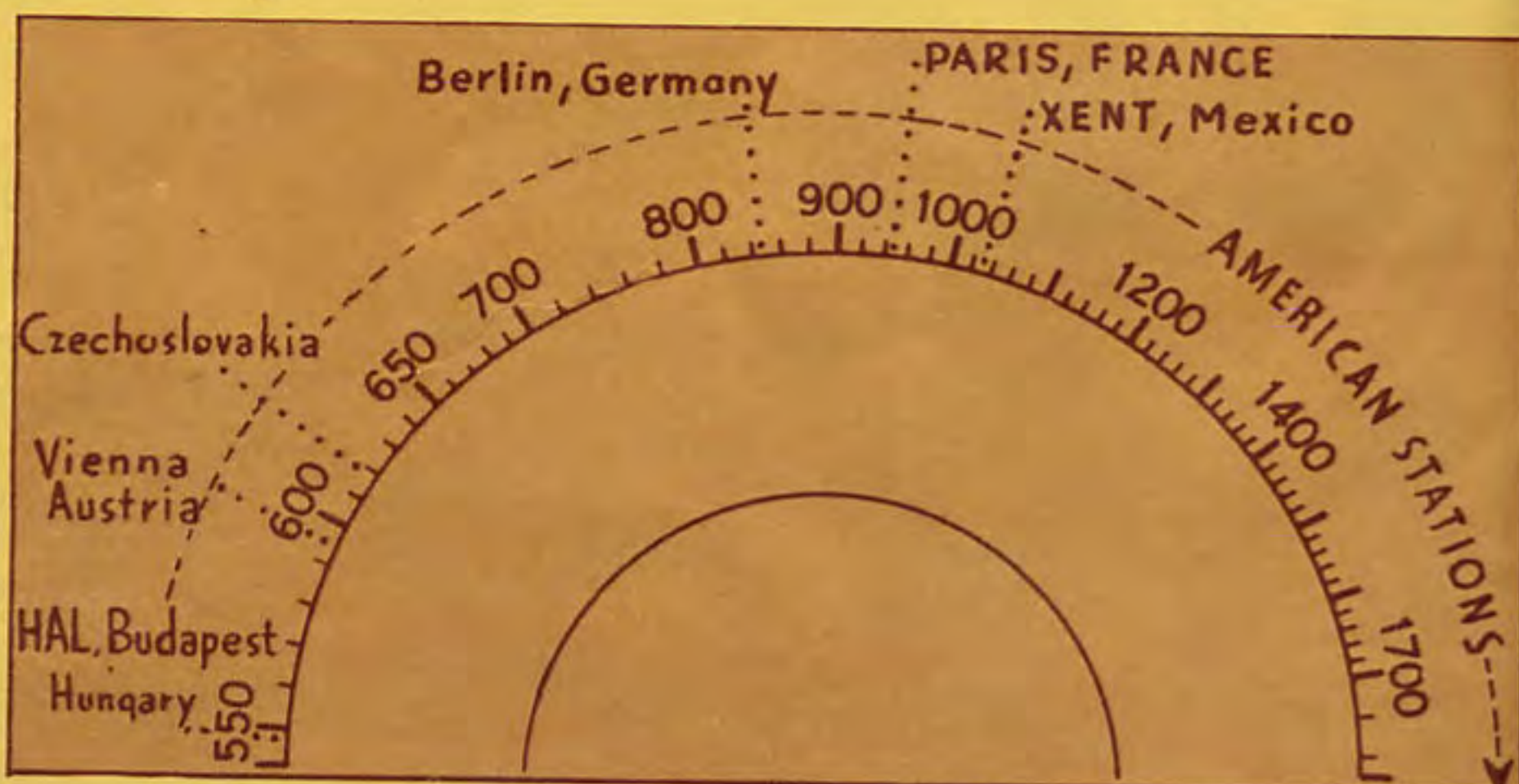
Short-wave station wave lengths or "channels" are assigned in groups known as "bands." Thus we have the 6, 9, 11, 15, and 18-megacycle (m.c.) bands, each of which includes a number of stations to be found close together on the dial. During the summer months, particularly in the daytime, better reception will be had from stations in the 11, 15, and 18 m.c. bands. During winter months, reception on these bands begins to fade as darkness approaches, better evening reception being found on the 6 and 9 m.c. bands. Many of these stations transmit in more than one band at the same time; so, occasionally, if reception of a particularly desired program becomes too faint or "noisy" in one band, the station and its program can be picked up in another more satisfactory channel. It is only by experience *on your own radio* that you learn what stations, and which of their transmissions, come in well at your particular location . . . at various times of the day.



THE GREEN SCALE



THE RED SCALE



THE WHITE SCALE

RE THE SECRET OF GOOD

TUNE SLOWLY

Published lists will be found to be reasonably accurate as to the wave length {meters} or frequency {kilocycles and megacycles} the better stations use, and these stations adhere rather closely to one such channel week after week. Quite a few of the less well-known, less powerful, short-wave broadcasters, however, are still experimenting to ascertain in what channel they get the best world-wide transmission, and the points at which you get them on your dial may be found to shift somewhat.

TUNE SLOWLY

We cannot emphasize too strongly the absolute necessity of moving the dial pointer *slowly*. A micrometer, high ratio tuning control has been provided that you may readily do this, and skill in its use should be acquired as quickly as possible. A dial pointer movement, barely discernible to the eye, is sufficient to completely tune many short wave stations "in" or "out." If a station is passed over quickly, due to too rapid pointer movement, it will sound like nothing more than an atmospheric or "static" click, and you will be unaware of its existence.

TUNE SLOWLY

When you first explore a new band, it is suggested that you turn the dial pointer to one "edge" of it and then, with the fine tuning control, proceed very slowly into the band. {For example, 4.60 m.c. could be considered one edge of the 6-megacycle band, and 7.80 as the other.} Any faintly caught word, or soft hiss, is to be investigated thoroughly by moving the pointer very slowly back and forth at this point and turning up the volume control. If satisfactory reception can-

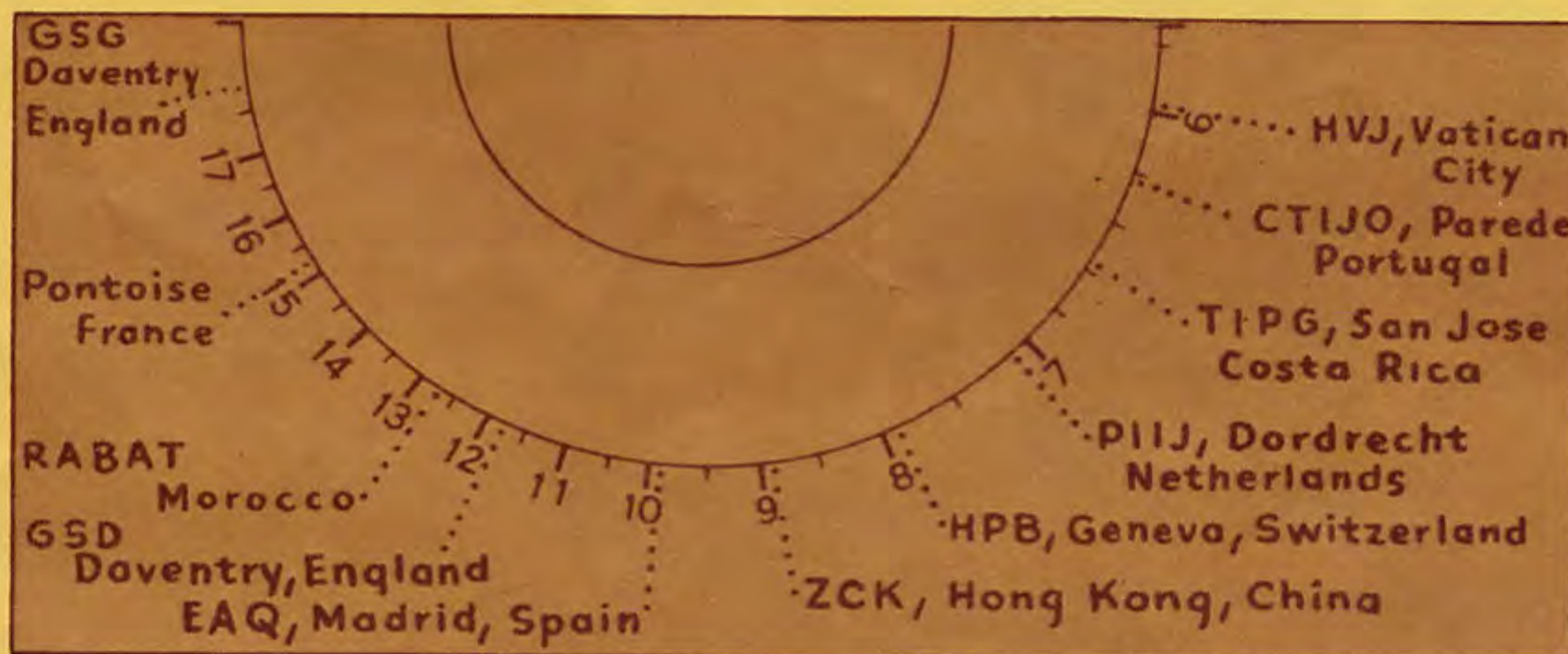
not be had, just at that time, make a note of the dial setting, for a later trial; tomorrow, or even later that same day, the station may "come in" to perfection. As you find station after station during your progress across the band, carefully log the dial setting, and *wait for station announcement* for its call letters before proceeding. Several periods of listening on a band should show quite a collection of logged and very worth-while stations.

TUNE SLOWLY

The newly-popular "long wave" zone, available on some Stewart-Warner models, consists of transmission on wave lengths *longer* than those used by American broadcasters and which are, in their behavior, quite similar to them. Best reception is to be had, on the long waves, during the evening and at night; and in the fall, winter, and spring months. Tuning is somewhat "broader" on the dial, and hairline precision is not required. With long, standard, and short-wave zones at your command, you have a choice which lends itself readily to adaptation to climate, time, and season; but experience alone will enable you to get the full satisfaction and pride of ownership to be derived from your all-wave receiver.

TUNE SLOWLY

Put in some time at the dial *daily*, even if it only be the half hour before dinner or a half hour before retiring. Stay in the bands listed farther along in this book until you get the "feel" of world-wide air-wave travel, for results and good programs are more certain in these channels. Later, the dial areas between these bands may be explored with skill, for yet further stations and types of transmission.



THE YELLOW SCALE

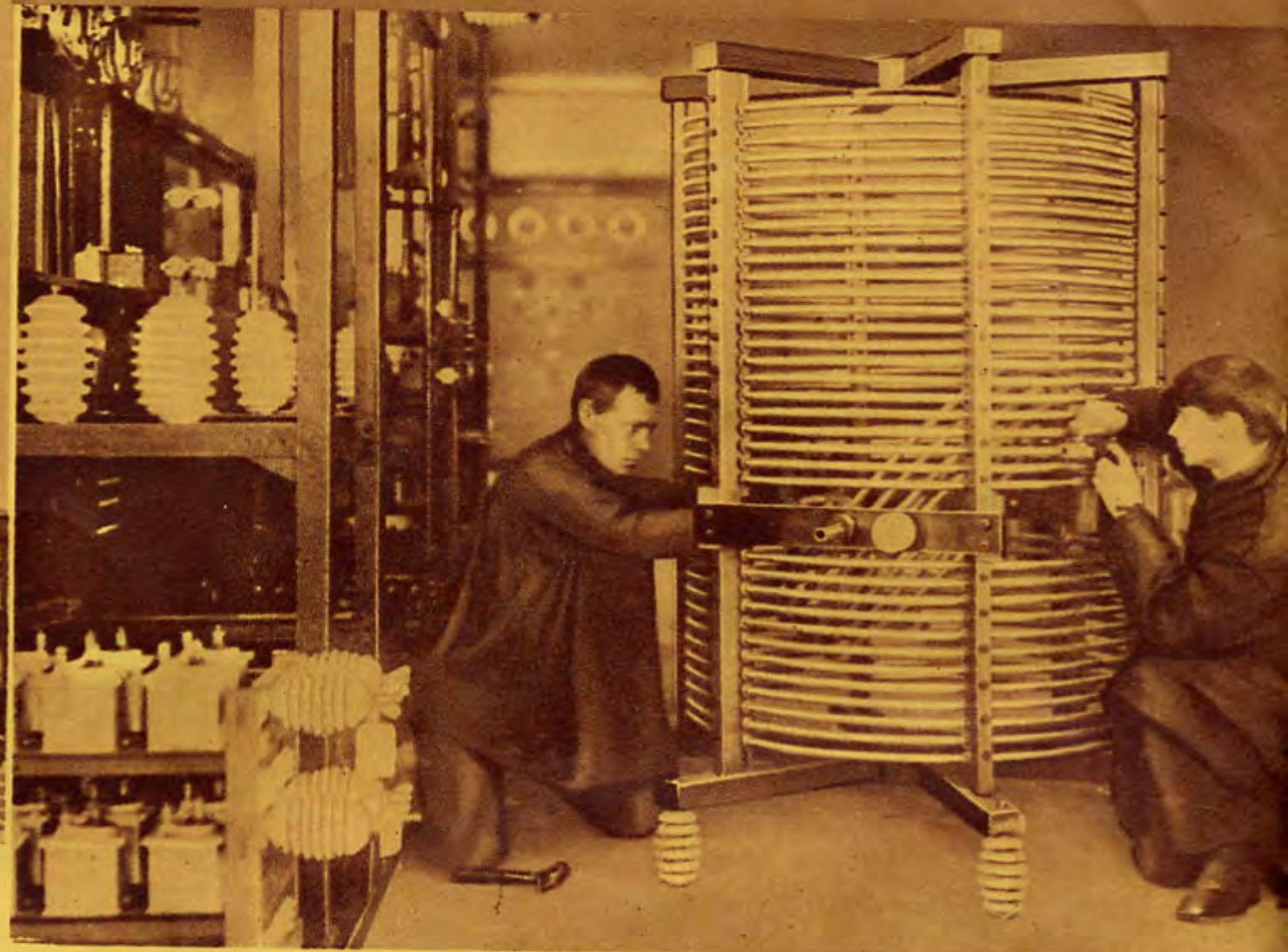
See page 12 for selected list of foreign short-wave stations.

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Famous BROADCAST



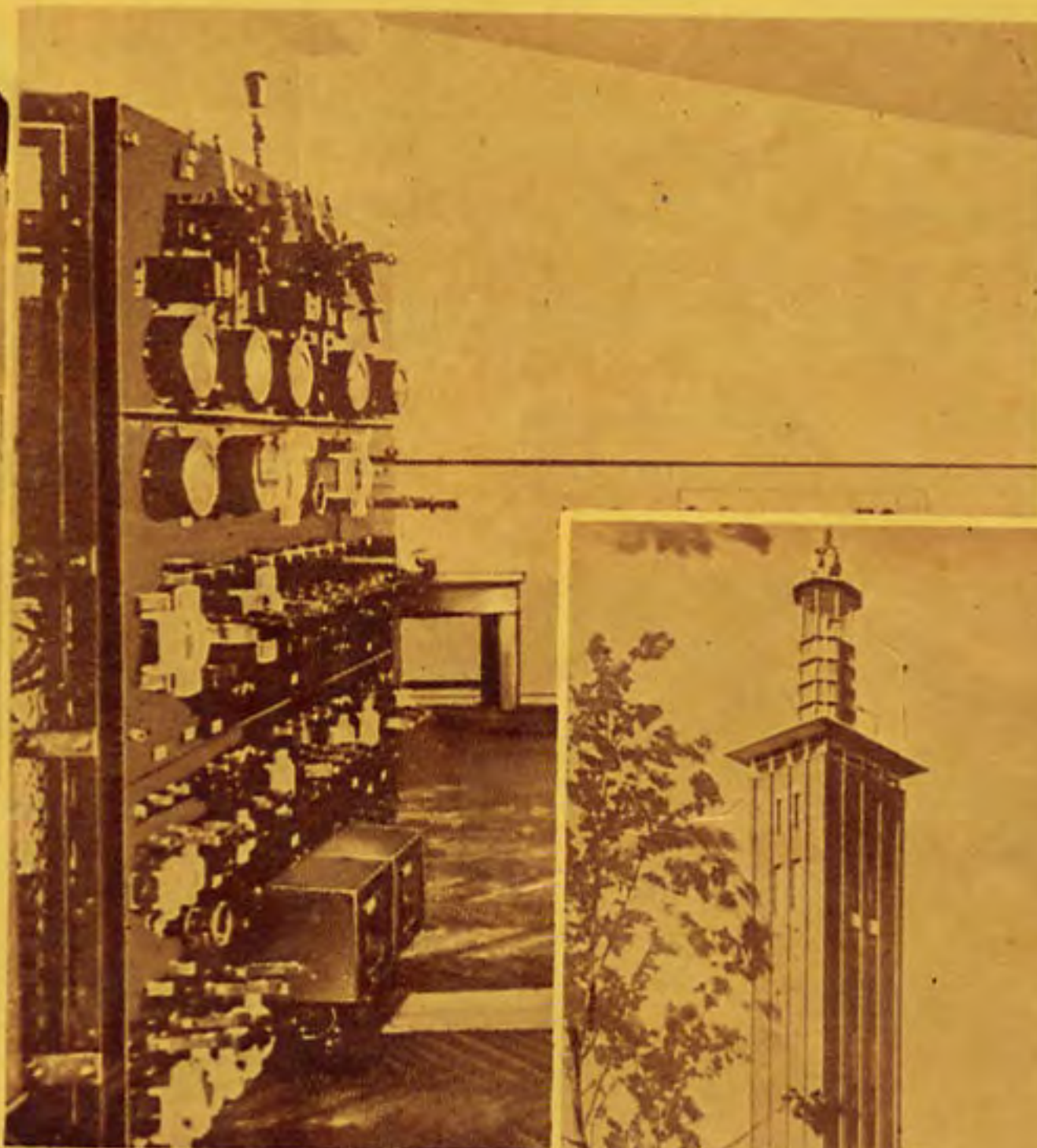
Principal offices, studio and transmitting equipment of the British Broadcasting Company. This beautiful new modern building, located in Langham Place, London, is the nerve center of broadcasts sent out to all parts of the British Commonwealth Of Nations.



This photo shows Soviet radio experts at work on a new broadcasting station built in the vast Ural region. It is fully equipped with the costliest and most up-to-date apparatus known to radio science.



Above: is a view of the concert stage of one of the largest and most powerful broadcasting stations in Europe. It is located in Warsaw, Poland and broadcasts on a wave length of 1411 meters.



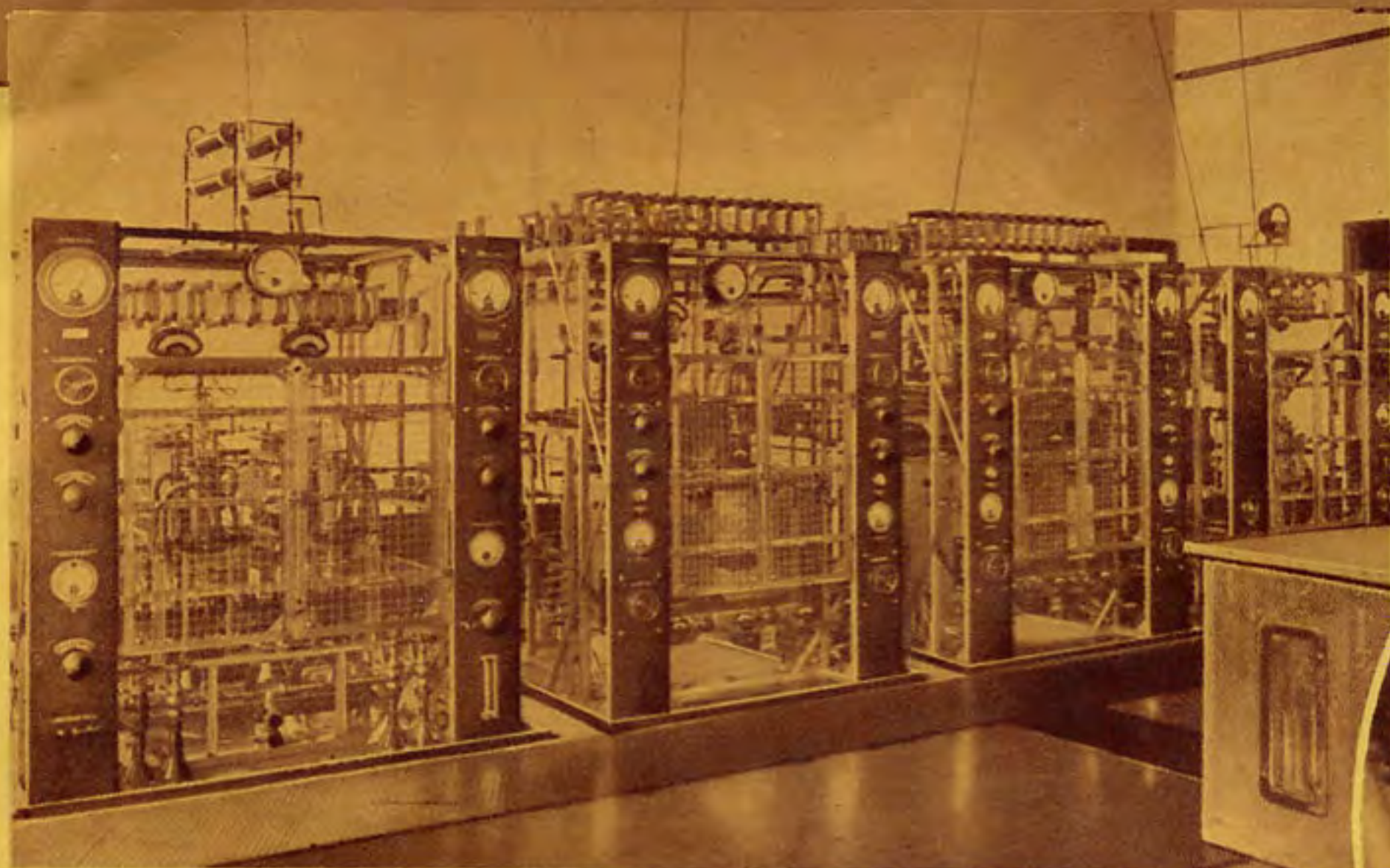
At the left: is a view of the control panel of the nationally controlled broadcasting system of Yugoslavia. The studios are located in Belgrade and the transmitter at Bratislava, operating on 277.8 meters.

INT. S. W. CLUB



Even radio stations have gone modernistic in Nazi Germany. At the right is seen the studios and transmitting tower of a recently completed station in Cologne. The famous Cologne cathedral is in the background.

ING STATIONS in Far Away Lands



INT. S. W. CLUB

Above: Control board, panels, modulator, amplifiers and other complicated mechanism of the famous Italian broadcasting station, 2 RO, Rome, Italy. This studio broadcasts on a frequency of 11.81 megacycles or 25.40 meters. When conditions are favorable this station is frequently heard half way around the world.

See page 12 for carefully selected list of European short-wave stations which afford an enjoyable variety of entertainment.

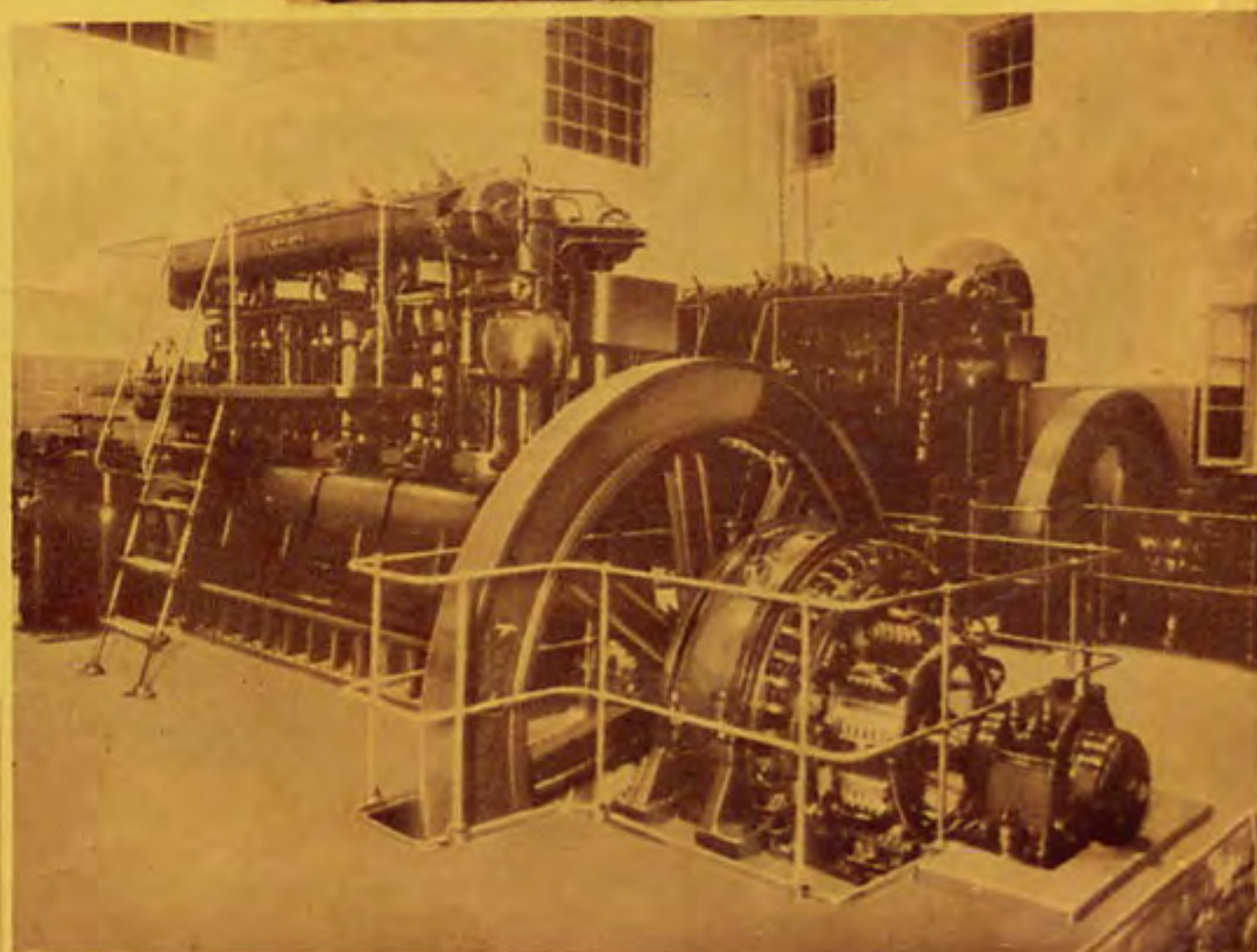
Below: Radio progress has not lagged in the Empire of the Rising Sun. Here is a view of Station J1AA at Kemikawa-Cho, Kiba-Chen, Japan. The building is a modern steel and concrete structure, earthquake and fire-proof. J1AA is frequently heard in the United States from approximately 5:00 to 7:00 A. M. {E.S.T.}



Below: Here is an aerial view of Station CT1AA at Lisbon, Portugal. Buildings and masts are surrounded by a stout concrete stockade. The station technical staff is housed and fed in the building in the lower foreground.



INT. S. W. CLUB



Above: These gigantic generators, driven by Diesel engines, supply the power for Station HVJ located in Vatican City. This modern equipment was installed under the personal direction of Guglielmo Marconi, world famous inventor and early pioneer in broadcasting.

On page 12 will be found a list of the most popular foreign long-wave stations. A new entertainment opportunity.

You Are on the SPOT WHEN



Above: Flashing dark eyes and the click of castenets accompany the gyrations of celebrants at a Mexican fiesta.



Right: The clock tower of the House of Parliament is one of the historic landmarks of London. The chimes of Big Ben are heard around the world.



Above: The medieval pageantry marks the processions of the historic Swiss Vatican guard. Here it is seen marching over a cobble street through a great archway piercing a wall of Vatican City.



INT. S. W. CLUB

Above: A typical South American orchestra whose exotic syncopations are increasing in popularity with North American listeners.



Above: Even Japanese vaudeville entertainers indulge in laugh provoking "wise-cracks" between their dancing and juggling feats. And a microphone, seen in the left foreground, is broadcasting their quips to an unseen audience.

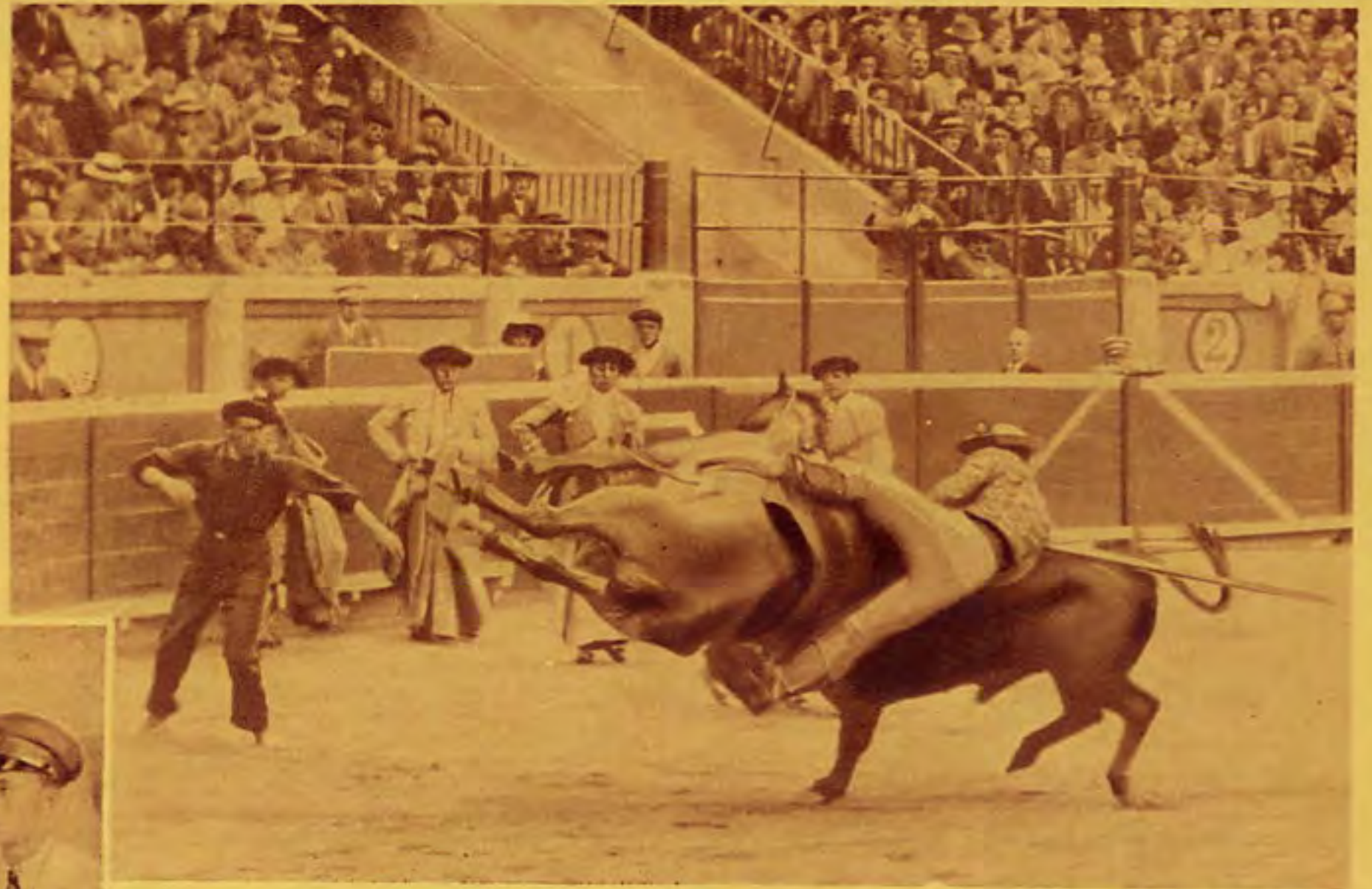


Above: A native Moorish version of the rodeo. These white swathed, dusky desert tribesmen are rated the world's most expert horsemen. The photograph was taken at Rabot, French Morocco.

SEVEN IMPORTANT THINGS HAPPEN

...y, thrilling events are taking place in the
 ...n war. To the owner of a modern short-
 ...uman history is an open book. One does
 ...s. In an easy chair before an open fire, in
 ...throb of tom-toms, the dull thud of hoofs,
 ...rchestra from strange countries fabled in

Right: Poor Dobbin. The thrilling climax of a Spanish bull fight. A sport not appealing to Anglo-Saxon taste, yet with millions of fans who object to this bloody spectacle not at all.



INT. S. W. CLUB

Above: When the good old U. S. A. is blanketed with ice and snow, the Venezuelan National Band, is giving open air concerts from the city park in Maracaibo.

Below: Each armistice day, serried ranks of French poilus parade past the magnificent Arc de Triomphe in Paris, an event broadcast over the face of the earth.



Above: Once they were war drums. Today they are the percussion musical instruments of the Royal Band at Kampala, bush capital of Uganda. Their ominous booming is supplemented by an African version of the bagpipe.



INT. S. W. CLUB

Above: Station staff artists of radio station PRADO at Rio Bamba, Ecuador. Heard from 9 to 11 P.M. (E. S. T.) each Thursday.

Airplane Conversations, Ships at Sea, are Fascinating



Without the aid of radio, aviation could not so quickly have reached its present high state of development in passenger transportation. No other factor has contributed so much to safety. Without radio, night flying would be all but impossible. At the left is pictured a TWA 14-passenger Douglas transport, winging its way at 200 miles an hour, and, below, a United Air Liner with staff at attention, awaiting the arrival of passengers. There are now more than 138 airplane stations in the United States which keep in constant touch with their pilots on the wing. *The majority are concentrated between 3000 and 3500 kilocycles.*



As a diversion from listening to the hundreds of standard and short-wave broadcasts which are on the air throughout the day and night, the owner of a modern radio receiver can find fascinating entertainment in "eavesdropping" on the wave lengths that are reserved by international conventions for police organizations, airplanes, ships at sea and amateurs.

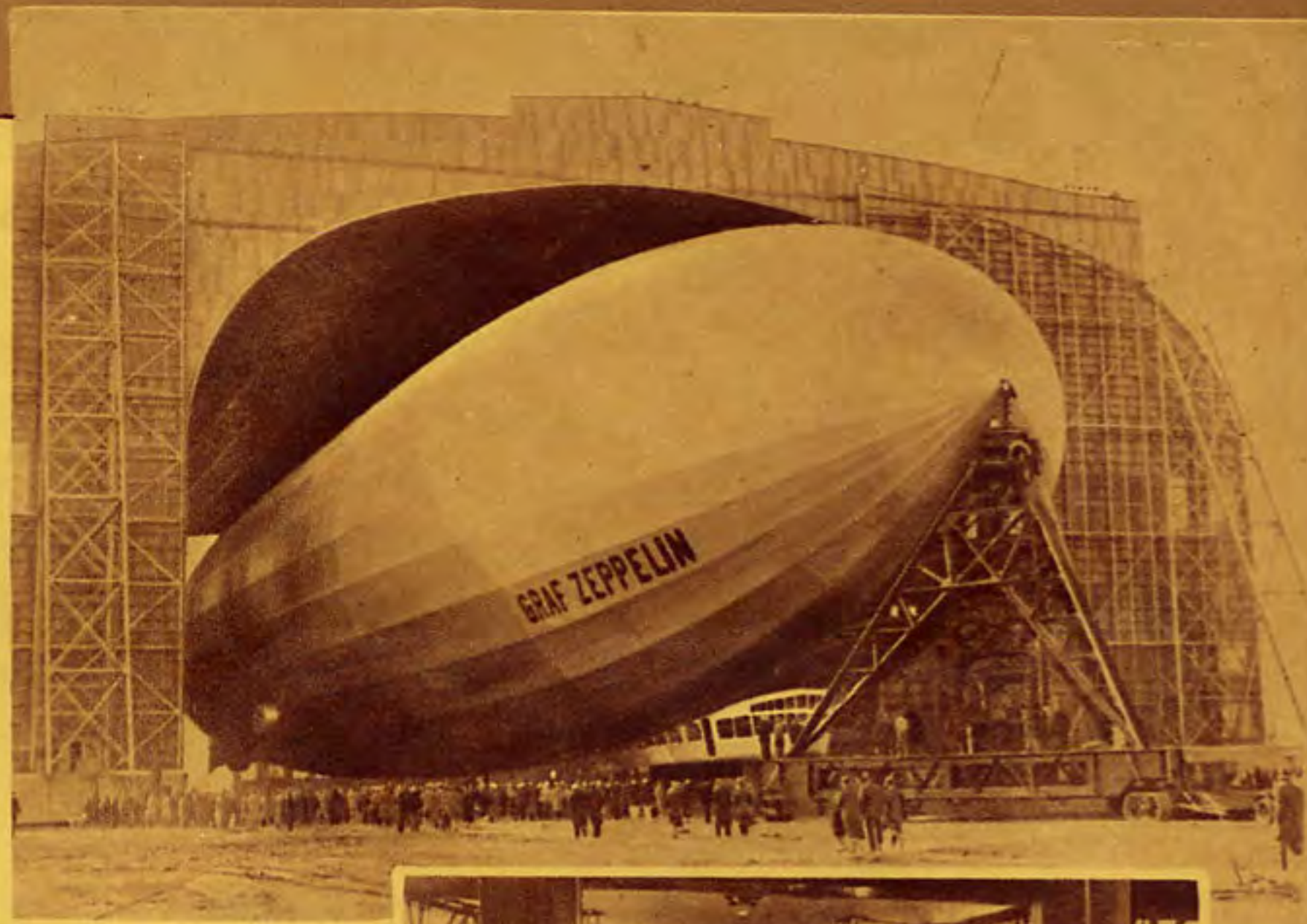
Even though the power allocated to police departments is limited, reports of crimes, catastrophes and other exciting events are heard over surprising distances. Police stations come on the air, broadcast their message and immediately sign off, in order to give the freedom of the air to a department located in another city. Of necessity, the same wave length is used by several. By keeping the dial at one setting, police calls from a wide area can be heard at frequent intervals.



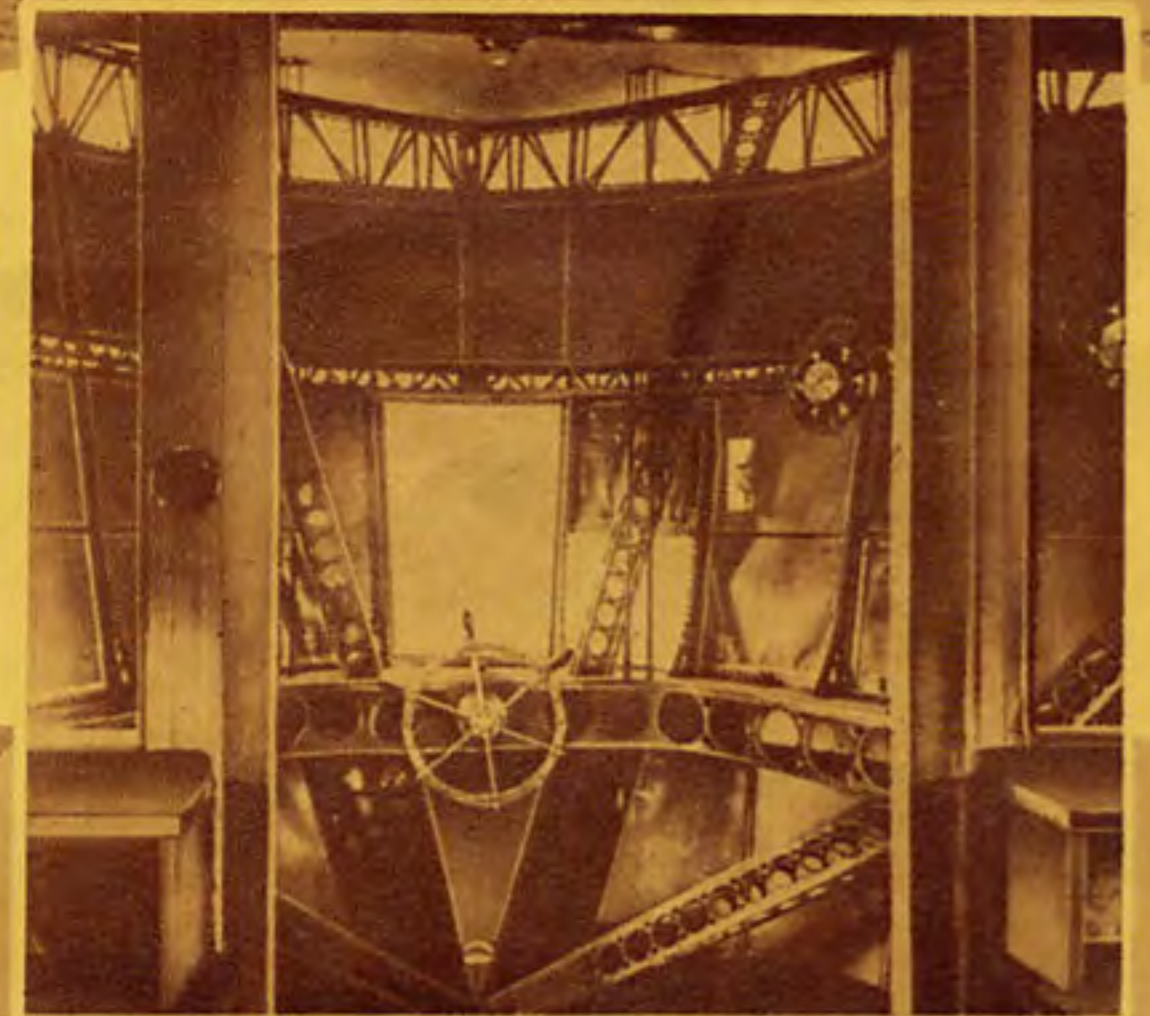
See page 13 for list of principal American police broadcasting stations.

Police Calls and Amateur Broadcasting, Entertainment

Radio science gratefully acknowledges its debt to amateurs. Governments everywhere have assigned wave bands for their exclusive use because of their constructive contribution to the development of this tremendously important means of communication. The amateurs of today, as in the past, are the radio engineers of tomorrow. Under official sponsorship and supervision, the "Hams" chat back and forth in a jargon that approximates the long sought international language, yet it is understandable and of more than usual interest to the layman. *Amateur conversations are heard at 20, 40, 80 and 160 meters, the 40-meter band being reserved for code transmissions only.*



Left: A typical radio "Ham" or amateur holding a conversation with some "Old Man" whom he probably will never see, yet whom he knows and admires. At the right, and above, is an exterior and interior view of the Graf Zeppelin, taken at Friedrichshaven, Germany. It is this type of lighter-than-air leviathan that now plies regularly between Europe and South America.



Left: An aerial view of the newest Queen of the Seas, the French liner S. S. Normandie. With a modern short-wave receiver it is possible to pick up phone conversations, as well as concerts broadcast from shipboard. Ship stations broadcast on four bands, between 17.80 and 4.10 megacycles.

Above: Even a smoking crater cannot deter radio scientists from carrying out their experiments. Here, two of them, with a helper, are on the edge of Mount Vesuvius, telling the world interesting facts about an earthly inferno.

TIME TABLE and LOG of the MOST FREQUENTLY HEARD FOREIGN STATIONS

The European short wave stations listed below are the ones most frequently heard and which most consistently provide high grade entertainment. Regardless of your preference you will ordinarily find a program to suit your taste. Concerts, native songs and music, political discussions and educational lectures afford wide choice.

16 METER OR 18 MEGACYCLE BAND				31 METER OR 9 MEGACYCLE BAND				45 TO 50 METERS OR 6 TO 5 MEGACYCLE BAND (Continued)			
Meter	Meg.	Call	Station and Time	Meter	Meg.	Call	Station and Time	Meter	Meg.	Call	Station and Time
16.86	17.79	GSG	Daventry, England 6 to 8:45 a.m.; 9 to 10:45 a.m.	30.40	9.87	EAQ	Madrid, Spain Dly. 5:15-7:30 p.m., Sat. 1-3 p.m.	45.81	6.55	TIPG	San Jose, Costa Rica 8:30 to 11 p.m., irregularly
16.87	17.78	W3XAL	Bound Brook, N. J. Daily 8 to 10 a.m.	31.13	9.64	2RO	Rome, Italy Mon., Wed., Fri., 6-9:15 p.m.	45.81	6.55	TIRCC	San Jose, Costa Rica 6 to 11:30 p.m., irregularly
16.88	17.77	PHI	Huizen, Holland 7:30-10:30 a.m. ex. Tue. & Wed.	31.25	9.59	CT1AA	Lisbon, Portugal Tues., Thurs. and Sat., 3:30 to 6:00 p.m.	45.95	6.53	HIL	Santo Domingo, R. D. Saturdays 8 to 10 p.m.
16.89	17.76	DJE	Nauen, Germany 7 to 11:30 a.m., irregular.	31.27	9.59	HBL	Geneva, Switzerland 5:30 to 6:15 p.m., Saturday	46.01	6.52	YV6RV	Valencia, Venezuela 12-2 p.m. & 6-10 p.m.
19 METER OR 15 MEGACYCLE BAND				31.28	9.59	W3XAU	Philadelphia, Pa. Noon to 6:45 p.m.	46.30	6.48	HJ5ABD	Cali, Colombia 7 to 10 p.m.
Meter	Meg.	Call	Station and Time	31.28	9.59	VK2ME	Sydney, Australia Sun. 12-2, 4:30-8:30, 9:30-11:30 a.m.	46.51	6.45	HJIABB	Barranquilla, Colombia 4:30 to 10 p.m. daily
19.52	15.37	HAS-3	Budapest, Hungary Sundays 9 to 10 a.m.	31.28	9.59	HP5J	Panama City, Panama 11:45 a.m. to 1:00 p.m., 7:30 p.m. to 10:00 p.m.	46.51	6.45	YNIGG	Managua, Nicaragua 7 to 10:30 p.m., irregularly
19.56	15.34	W2XAD	Schenectady, N. Y. 10:30 a.m. to 4 p.m. Sun. Daily 2-3 p.m.	31.30	9.58	GSC	Daventry, England 6-8 p.m., 10-11 p.m.	46.87	6.40	TIPG	San Jose, Costa Rica 8:30 to 11 p.m., irregularly
19.63	15.28	DJQ	Zeesen, Germany Daily 8 to 11:30 a.m.	31.31	9.58	VK3LR	Melbourne, Australia 10:30-3:00 Irreg.; 3:15-7:30 a.m. Daily	47.10	6.37	YV4RC	Caracas, Venezuela 4:30 to 10:30 p.m.
19.64	15.27	W2XE	Wayne, New Jersey Relays WABC 10 a.m. to 5 p.m.	31.34	9.57	LKJI	Jeloy, Norway 5:00-8:00 a.m., 11 a.m.-6 p.m.	47.39	6.35	JZG	Nazaki, Japan 5 to 7:30 a.m., irregularly
19.66	15.26	GSI	Daventry, England 12:30 to 2:15 p.m. Irregular	31.36	9.57	WIXK	Boston, Mass. (Millis) 6:00 a.m. to Midnight	47.50	6.31	HIZ	Santo Domingo, R. D. Daily 5-6 p.m., Sat. 11 p.m.
19.68	15.25		Pontoise, France 6 to 10 a.m. daily	31.36	9.57	VUY-VUB	Bombay, India Wed. and Sat., 11 a.m.-12:30n.	48.00	6.25	HJ4ABC	Periera, Colombia Daily 9:30-11 a.m., 7-8 p.m.
19.71	15.22	PCJ	Eindhoven, Holland 7 to 11 a.m. Irregular	31.38	9.56	DJA	Zeesen, Germany 12:30-2:15 a.m., 5:05-9:15 p.m.	48.00	6.25	OAX4B	Lima, Peru Wednesdays 7 to 10:30 p.m.
19.71	15.21	W8XK	Pittsburgh, Pa. Relays KDKA. 10 a.m. to 7 p.m.	31.45	9.54	DJN	Zeesen, Germany 12:30-2:15 a.m., 3:45-7:15 a.m.	48.40	6.20	CTIGO	Parede, Portugal Daily except Sat. and Mon. 7:20 to 8:30 p.m. and Sun. 11:40 a.m. to 1 p.m.
19.73	15.20	DJB	Zeesen, Germany Daily 3:45 to 11:30 a.m.	31.48	9.53	W2XAF	Schenectady, N. Y. Sun. 4:30-12, Dly. 5:30-11 p.m.	48.50	6.19	HIIA	Santiago de Caballeros, R. D. 11:40-1:40; 7:40-8:40 p.m.
19.82	15.13	GSF	Daventry, England 6 to 12 noon, 4:15 to 5:45 p.m.	31.55	9.51	GSB	Daventry, England 12:15-2:15 a.m., 12:15-5:45 p.m.	48.60	6.17	HJ2ABA	Tunja, Colombia 1-2 p.m. and 7-10 p.m.
19.84	15.11	HVJ	Vatican City 10:30 to 10:45 a.m. daily	31.55	9.51	VK3ME	Melbourne, Australia Wed., Thur., Fri., Sat., 5-7 a.m.	48.62	6.17	HJ3ABF	Bogota, Colombia Daily from 6 to 11 p.m.
19.94	15.04	Hil or HIR	Santo Domingo, R. D. Phones WNC daytime.	31.56	9.50	PRF5	Rio de Janeiro, Brazil Daily 5:30 to 6:15 p.m.	48.78	6.15	YV3RC	Caracas, Venezuela 10:30-1:30 and 4:30-9:30 p.m.
20.55	14.60	JVE	Nazaki, Japan 12 Midnight to 1 a.m., 4 p.m. to 5 p.m., irregular.	31.80	9.43	COH	Havana, Cuba 10-12 a.m.; 4-6:30; 8-10 p.m.	48.78	6.15	HJ5ABC	Cali, Colombia Mon., Wed., Fri., 7-10 p.m.
25 METER OR 11 MEGACYCLE BAND				32.88	9.12	HAT-4	Budapest, Hungary Sundays 6:00 to 7:00 p.m.	48.79	6.15	CO9GC	Santiago, Cuba 8:30-10 a.m., Noon-1:30 p.m., 3:30-4:30 p.m., 10-11 p.m.
Meter	Meg.	Call	Station and Time	34.29	8.75	ZCK	Hong Kong, China Relays ZBW Daily 11:30 p.m. to 1:15 a.m., Mon. and Thur., 3-7 a.m., other days 6-10 p.m.	48.82	6.14	CSL	Lisbon, Portugal 1:30 to 7 p.m., irregularly
23.38	12.83	RABAT	Morocco Broadcasts Sun. 7:30 to 9 a.m.	45 TO 50 METERS OR 6 TO 5 MEGACYCLE BAND				48.85	6.15	CJRO	Winnipeg, Canada 7-10 p.m., 10:30-11 p.m.
24.20	12.40	CTIGO	Parede, Portugal. Tu., Th., Fri. 1 to 2:15 p.m. Sundays 10 to 11:30 a.m.	Meter	Meg.	Call	Station and Time	48.86	6.14	W8XK	Pittsburgh, Pa. Relays KDKA 9 p.m. to 1 a.m.
25.00	12.00	RNE	Moscow, U.S.S.R. Daily 1-6 p.m. Sun. 6-7 a.m. 10-11 a.m., Wed. 6-7 a.m.	38.47	7.80	HBP	Geneva, Switzerland 5:30 to 6:15 p.m. Saturdays	48.92	6.13	ZGE	Kuala Lumpur, S. S. Sun., Tu., & Fri. 6:40-8:40 p.m.
25.23	11.90		Pontoise, France 3-4 a.m. 10-1:15 p.m. 2-5 p.m.	40.55	7.40	HJ3ABD	Bogota, Colombia 7:30 to 11:00 p.m.	48.92	6.13	COCD	Havana, Cuba Heard 5 p.m. to 1 a.m. irregular
25.27	11.87	W8XK	Pittsburgh, Pa. Relays KDKA 5 to 9 p.m.	40.65	7.38	XECR	Mexico City, Sundays, 6 to 7 p.m.	48.98	6.13	HJ1ABE	Cartagena, Colombia Daily 7:30 to 9 p.m., Monday 10:30 p.m.
25.28	11.86	GSE	Daventry, England 11 a.m. to Noon.	41.20	7.28	HJIABD	Cartagena, Colombia 7:30 to 9 p.m.	49.02	6.12	VQ7LO	Nairobi, Africa 5:45-6:15 a.m., 11-2 p.m.
25.40	11.81	2RO	Rome, Italy 8:15-10:15 a.m. & 2:30-5 p.m.	41.55	7.22	HKE	Bogota, Colombia Mon. 6-7 p.m.; Tu., Fri. 8-9 p.m.	49.02	6.12	YDA	Bandoeng, Java Between 5 and 11 a.m.
25.42	11.80	CO9WR	Sancti Spiritus, Cuba 4-6 and 9-11 p.m.	41.60	7.21	EA8AB	Santa Cruz, Canary Islands 5 to 7 p.m., irregularly	49.02	6.12	W2XE	Wayne, N. J. Relays WABC 5 to 10 p.m.
25.42	11.79	WIXAL	Boston, Mass. Schedule not known.	41.80	7.17	CR6AA	Lobito, Angola, Africa Wed. & Sat. 2:30-4:30 a.m.	49.08	6.11	YV2RC	Caracas, Venezuela 10:30 to 1, 5:15 to 10 p.m.
25.49	11.77	DJD	Zeesen, Germany 12 to 4:30 p.m., 5 to 10:30 p.m.	42.35	7.08	PIIJ	Dordrecht, Netherlands Sat. 10:10 to 11:10 a.m.	49.10	6.11	GSL	Daventry, England 2:30 to 4 p.m.
25.53	11.75	GSD	Daventry, England 12:15-2:15 a.m., 12:15-8 p.m., 10-11 p.m.	43.48	6.90	HI3C	La Romana, R. D. 12:30-2 p.m., 7:30-9:30 p.m.	49.10	6.11	VE9HX	Halifax, N. S. 8:30-11:30 a.m. & 5-10 p.m.
25.60	11.72	CJRX	Winnipeg, Canada 7 to 10 p.m., 10:30 to 11 p.m.	44.12	6.81	HIH	San Pedro de Macoris, R. D. 12:10-1:40 & 6:40-7:40 p.m. dly. 3-4 a.m. & 4-5 p.m. Sundays	49.15	6.10	HJ4ABB	Manizales, Colombia 8 to 11:30 p.m., irregularly
25.62	11.71	HJ4ABA	Medellin, Columbia 11:30-1 p.m. & 6:30-10:30 p.m.	44.71	6.71	TIEP	San Jose, Costa Rica 5 to 10 p.m., irregularly	49.18	6.10	W9XF	Chicago, Ill. 12M to 1 a.m. & 8 to 9 p.m.
25.63	11.70		Pontoise, France 3-4 a.m., 6-9 & 10 p.m. to 12M.	45.00	6.67	HC2RL	Guayaquil, Ecuador Sun. 5:45 to 7:45, Tues. 9:15 to 11:15 p.m.	49.18	6.10	W3XAL	Bound Brook, N. J. Mon., Wed. & Sat., 4-11 p.m.
25.93	11.57	HH2T	Port-Au-Prince, Haiti Heard irregularly, evenings.	45.31	6.62		Prado, Riobamba, Ecuador Thur. 9 to 11:30 p.m.	49.20	6.09	ZTJ	Johannesburg, Africa 3:30 to 7 a.m.; 9 a.m. to 4 p.m.
27.93	10.74	JVN	Nazaki, Japan 4 a.m. to 6 a.m.	45.38	6.61	REN	Moscow, U.S.S.R. 1 to 6 p.m.	49.22	6.09	VE9GW	Bowmanville, Canada Thur., Fri., Sat. 7 a.m.-4 p.m.; Sun. Noon to 8 p.m.
28.98	10.35	LSX	Buenos Aires, Argentina 6:15 to 7:15 p.m. daily. Wed. 10 p.m.	45.50	6.61	HI4D	Santo Domingo, R. D. 11:55-1:40 & 4:40-7:40 p.m.				
29.04	10.33	ORK	Brussels, Belgium 1:30 to 3 p.m.								

TIME SHOWN IS E. S. T.

45 TO 50 METERS OR 6 TO 5 MEGACYCLE BAND (Continued)				45 TO 50 METERS OR 6 TO 5 MEGACYCLE BAND (Continued)				45 TO 50 METERS OR 6 TO 5 MEGACYCLE BAND (Continued)			
Meter	Meg.	Call	Station and Time	Meter	Meg.	Call	Station and Time	Meter	Meg.	Call	Station and Time
49.34	6.08	W9XAA	Chicago, Ill. No apparent regular schedule.	49.67	6.04	W4XB	Miami Beach, Florida 11:30-2 p.m., 8-12 midnight	50.25	5.98	XECW	Sun. 8:40-10:40 a.m. and 2:40 to 4:40 p.m.
49.34	6.08	ZHJ	Penang, S. S. Daily 6:40 to 8:40 a.m.	49.67	6.04	PRA8	Pernambuco, Brazil 2:30 to 8:30 p.m.	50.26	5.97	HVJ	Mexico City, Mexico 4 to 4:30 and 10:30 to 12 p.m.
49.34	6.08	CP5	La Paz, Bolivia 8 to 9 p.m. daily	49.75	6.03	HP5B	Panama City, Panama 12 to 1; 8 to 10:30 p.m.	50.30	5.96	YNLF	Vatican City Daily, 2 to 2:15 p.m., Sun. 5 to 5:30 a.m.
49.40	6.07	VE9CS	Vancouver, B. C. Daily 6-7; Sun. 1:45 p.m.-1 a.m.	49.83	6.02	DJC	Zeesen, Germany 12-4:30 p.m. & 9:30-10:30 p.m.	50.30	5.96	YNLF	Managua, Nicaragua 6 to 1 a.m., irregularly
49.40	6.07	HJN	Bogota, Colombia 6 to 11 p.m., irregularly	49.83	6.02	CQN	Macao, China Mon. & Fri., 3 to 5 a.m.	50.93	5.89	HJ2ABC	Cucuta, Colombia 11 a.m. to Noon, 6 to 9:30 p.m.
49.41	6.07	HH2S	Port au Prince, Haiti Heard irregularly, evenings.	49.85	6.01	HJ3ABH	Bogota, Colombia 11:30 a.m. to 2, 6-11 p.m., Sun. 4 to 9 p.m.	50.60	5.93	HJ4ABE	Medellin, Colombia 10 to 11 a.m. & 5 to 9:30 p.m.
49.42	6.07	OER2	Vienna, Austria Noon to 5 p.m., week-days.	49.90	6.01	COC	Havana, Cuba 9:30 a.m. to 12:30 Noon; 4 to 7 p.m.; 8 to 10 p.m., and Saturdays at 11:30 p.m.	50.93	5.89	TGX	Guatemala City 10 a.m. to 2:30 p.m., 6-10 p.m.
49.45	6.06	HJ4ABL	Manizales, Colombia 11-Noon, 5:30-7:30 daily, Sat. 10:30 p.m.	49.92	6.01	ZHI	Singapore Mon., Wed., Thur., 5:40-8:10; Sat. 10:40-1:10 a.m.	51.28	5.85	YV5RMO	Maracaibo, Venezuela 11 a.m. to 12:30 p.m., 5-9 p.m.
49.50	6.06	OXY	Skamlebaek, Denmark Daily 1 to 6 p.m.	49.95	6.01	HJ1ABJ	Santa Marta, Colombia 6:30 to 10:30 p.m., irregularly	51.50	5.82	TIGPH	San Jose, Costa Rica 6:15 to 11 p.m., irregularly
49.50	6.06	W8XAL	Cincinnati, Ohio 5:30 a.m. to 7 p.m., 10 p.m. to 1 a.m.	50.00	6.00	XEBT	Mexico City 6 p.m. to 3 a.m. irregularly	51.90	5.78	HIIJ	San Pedro de Macoris, R. D. 7 to 9:30 p.m., irregularly
49.50	6.06	W3XAU	Philadelphia, Pa. 7 to 10 p.m.	50.17	5.98	HIX	Santo Domingo, R. D. Tues. & Fri. 8:10-10:10 p.m.;	51.90	5.78	OAX4D	Lima, Peru Wed. & Sat. 8 to 11:30 p.m.
49.65	6.04	HJ1ABG	Barranquilla, Colombia 6 to 10 p.m.					65.22	4.60	HC2ET	Guayaquil, Ecuador Wed. and Sat. 9 to 11 p.m.

LONG WAVE STATIONS

Country	City, Locality	Call	Fre- quency Kc.	Wave Length Meters	Country	City, Locality	Call	Fre- quency Kc.	Wave Length Meters
DENMARK	Kallundborg (Gisselore)		238	1,261	RUSSIA	Baku	RW43	238	1,261
FINLAND	Lahti		166	1,807	RUSSIA	Imeni Pop	RV58	273	1,100
FRANCE	Paris (Eiffel Tower)	FL	207	1,446	RUSSIA	Irkutsk	RW14	188	1,600
FRANCE	Paris (Essarts de Roi)		182	1,648	RUSSIA	Kharkov	RW20	223	1,345
GERMANY	Berlin (Zeesen)		191	1,571	RUSSIA	Leningrad (Kolpino)	RW53	245	1,224
LITHUANIA	Kovno (Kaunas)	LYT	155	1,935	RUSSIA	Moscow	RW49	271	1,107
LUXEMBURG	Luxemburg (Junglinster)		230	1,304	RUSSIA	Moscow	RW58	268	1,117
NETHERLANDS	Amsterdam (Huizen)	PX2	160	1,875	RUSSIA	Mourmansk		273	1,100
NETHERLANDS	De Bilt		182	1,650	RUSSIA	Novorossiisk	RA33	268	1,117
NETHERLANDS	Kootwijk		160	1,875	RUSSIA	Novosibirsk	RW76	218	1,380
NETHERLANDS	Scheveningen		250	1,205	RUSSIA	Rostov on Don		271	1,106
NORWAY	Oslo	LKO	260	1,153	RUSSIA	Tashkent	RW11	256	1,170
POLAND	Warsaw (Raszyn)		212	1,415	RUSSIA	Tiflis	RW7	280	1,071
SWEDEN	Motala	SBG	221	1,358	TURKEY	Angora		231	1,304
RUSSIA	Baku	RW8	238	1,261	TURKEY	Istanbul		185	1,621

POLICE CALLS

By setting the dial of your Stewart-Warner radio on the wavelength of any one of the police channels listed below, one may hear the news while it is happening. First an alarm will be heard from one city, and then from another with the dial in the same position. Thrills, drama, tragedy portray a never ending pageant of life.

120-METER POLICE BAND

2,500 to 2,380 Mc.
(List Follows)

KGBZ	Little Rock, Ark.
KGHD	Seattle, Wash.
KGHE	Snoqualmie Pass, Wash.
KGHG	Las Vegas, Nev.
KGHJ	Long Beach, Cal.
KGHM	Reno, Nev.
KGHS	Spokane, Wash.
KGHX	Santa Ana, Cal.
KGOZ	Cedar Rapids, Iowa
KGPA	Seattle, Wash.
KGPB	Minneapolis, Minn.
KGPE	Kansas City, Mo.
KGPF	Santa Fe, N. M.
KGPG	Vallejo, Cal.
KGPH	Oklahoma City, Okla.
KGPI	Omaha, Nebr.
KGPK	Sioux City, Iowa
KGPN	Davenport, Iowa
KGPO	Tulsa, Okla.
KGPP	Portland, Ore.
KGPP	Honolulu, T. H.
KGPR	Minneapolis, Minn.
KGPS	Bakersfield, Cal.
KGPP	Salt Lake City, Utah
KGPP	Denver, Colo.
KGPP	Wichita, Kan.
KGZA	Fresno, Cal.
KGZC	Topeka, Kan.

120-METER POLICE BAND (Continued)

KGZD	San Diego, Cal.
KGZF	Chanute, Kan.
KGZG	Des Moines, Iowa
KGZH	Klamath Falls, Ore.
KGZJ	Phoenix, Ariz.
KGZM	El Paso, Tex.
KGZN	Tacoma, Wash.
KGZO	Santa Barbara, Cal.
KGZP	Coffeyville, Kan.
KGZR	Salem, Ore.
KGZU	Lincoln, Nebr.
KGZV	Aberdeen, Wash.
KGZW	Lubbock, Tex.
KGZX	Albuquerque, N. M.
WCK	Belle Isle, Mich.
WMDZ	Indianapolis, Ind.
WMJ	Buffalo, N. Y.
WMO	Highland Park, Mich.
WPDA	Tulare, Cal.
WPDE	Louisville, Ky.
WPDE	Flint, Mich.
WPDG	Youngstown, Ohio
WPDH	Richmond, Ind.
WPGI	Columbus, Ohio
WPKD	Milwaukee, Wis.
WPKD	Lansing, Mich.
WPKD	Dayton, Ohio
WPKD	Auburn, N. Y.
WPKD	Akron, Ohio
WPKD	Philadelphia, Pa.

120-METER POLICE BAND (Continued)

WPDR	Rochester, N. Y.
WPDS	St. Paul, Minn.
WPDT	Kokomo, Ind.
WPDV	Charlotte, N. C.
WPDW	Washington, D. C.
WPDY	Detroit, Mich.
WPDY	Atlanta, Ga.
WPDZ	Fort Wayne, Ind.
WPEA	Syracuse, N. Y.
WPEB	Grand Rapids, Mich.
WPEC	Memphis, Tenn.
WPEE	Brooklyn, N. Y.
WPEF	New York, N. Y.
WPEG	New York, N. Y.
WPEK	New Orleans, La.
WPEM	Woonsocket, R. I.
WPES	Saginaw, Mich.
WPFC	Muskegon, Mich.
WPFE	Reading, Pa.
WPFH	Jacksonville, Fla.
WPFH	Baltimore, Md.
WPFH	Columbus, Ga.
WPFH	Hammond, Ind.
WPFK	Hackensack, N. J.
WPFM	Birmingham, Ala.
WPFM	Knoxville, Tenn.
WPFM	Clarksburg, W. Va.
WPFM	Swarthmore, Pa.
WPFM	Lakeland, Fla.
WPFU	Portland, Me.

120-METER POLICE BAND (Continued)

WPFV	Pawtucket, R. I.
WPFX	Palm Beach, Fla.
WPFZ	Miami, Fla.
WPGA	Bay City, Mich.
WPGB	Pt. Huron, Mich.
WPGD	Rockford, Ill.
WPGE	Shreveport, La.
WPGH	Albany, N. Y.
WPGI	Portsmouth, Ohio
WPGJ	Utica, N. Y.
WPGK	Cranston, R. I.
WPGM	Binghamton, N. Y.
WPGM	La Grange, Ga.
WPGN	South Bend, Ind.
WPGO	Huntington, N. Y.
WPGS	Mineola, N. Y.
WRBH	Cleveland, Ohio
WRDQ	Toledo, Ohio
WRDR	Grosse Pt., Mich.

175-METER POLICE BAND

1,712 to 1,555 Mc.
(List Follows)

KGHK	Palo Alto, Cal.
KGHO	Des Moines, Iowa
KGHY	Whittier, Cal.
KGJX	Pasadena, Cal.
KGPC	St. Louis, Mo.
KGPD	San Francisco, Cal.
KGPP	Beaumont, Tex.

175-METER POLICE BAND (Continued)

KGPL	Los Angeles, Cal.
KGPM	San Jose, Cal.
KGZE	San Antonio, Tex.
KGZI	Houston, Tex.
KGZL	Wichita Falls, Tex.
KGZQ	Waco, Tex.
KGZT	Santa Cruz, Cal.
KGZY	San Bernardino, Cal.
KSW	Berkeley, Cal.
KVP	Dallas, Tex.
WEY	Boston, Mass.
WKDT	Detroit, Mich.
WKDU	Cincinnati, Ohio
WMP	Framingham, Mass.
WPDB	Chicago, Ill.
WPDC	Chicago, Ill.
WPDD	Chicago, Ill.
WPDU	Pittsburgh, Pa.
WPDU	Arlington, Mass.
WPEH	Somerville, Mass.
WPEI	Providence, R. I.
WPEL	Middleboro, Mass.
WPET	Lexington, Ky.
WPEW	Northampton, Mass.
WPFM	Newton, Mass.
WPFN	Fairhaven, Mass.
WPGC	Schenectady, N. Y.
WPGF	Providence, R. I.
WPGG	Findlay, Ohio
WRDS	E. Lansing, Mich.

UNITED STATES BROADCAST STATIONS

550 Kc KFUO St. Louis, Missouri KFYR Bismarck, N. Dakota KOAC Corvallis, Oregon KSD St. Louis, Missouri KTSA San Antonio, Texas WDEV Waterbury, Vermont WGR Buffalo, New York WKRC Cincinnati, Ohio WSVA Stanton, Va.	545.1 Meters KFUO St. Louis, Missouri KFYR Bismarck, N. Dakota KOAC Corvallis, Oregon KSD St. Louis, Missouri KTSA San Antonio, Texas WDEV Waterbury, Vermont WGR Buffalo, New York WKRC Cincinnati, Ohio WSVA Stanton, Va.	740 Kc KMMJ Clay Center, Nebraska KTRB Modesto, Calif. WHEB Portsmouth, N. H. WSB Atlanta, Georgia	405.2 Meters KMMJ Clay Center, Nebraska KTRB Modesto, Calif. WHEB Portsmouth, N. H. WSB Atlanta, Georgia	940 Kc KOIN Portland, Oregon WAAT Jersey City, N. J. WAVE Louisville, Kentucky WCSH Portland, Maine WDAY Fargo, N. Dakota WFIW Hopkinsville, Ky. WHA Madison, Wisconsin	319.0 Meters KOIN Portland, Oregon WAAT Jersey City, N. J. WAVE Louisville, Kentucky WCSH Portland, Maine WDAY Fargo, N. Dakota WFIW Hopkinsville, Ky. WHA Madison, Wisconsin	1190 Kc WATR Waterbury, Conn. WOAI San Antonio, Texas WSAZ Huntington, W. Va.	252.0 Meters WATR Waterbury, Conn. WOAI San Antonio, Texas WSAZ Huntington, W. Va.	1240 Kc KGCU Mandan, N. Dakota KGKO Wichita Falls, Texas KLPM Minot, North Dakota KTAT Fort Worth, Texas KTFI Twin Falls, Idaho WXYZ Detroit, Michigan	241.8 Meters KGCU Mandan, N. Dakota KGKO Wichita Falls, Texas KLPM Minot, North Dakota KTAT Fort Worth, Texas KTFI Twin Falls, Idaho WXYZ Detroit, Michigan
560 Kc KFDM Beaumont, Texas KLZ Denver, Colorado KSFO San Francisco, Calif. KTAB San Francisco, Calif. KWTO Springfield, Missouri WFIL Philadelphia, Penna. WIND Gary, Indiana WNOX Knoxville, Tennessee WQAM Miami, Florida	535.4 Meters KFDM Beaumont, Texas KLZ Denver, Colorado KSFO San Francisco, Calif. KTAB San Francisco, Calif. KWTO Springfield, Missouri WFIL Philadelphia, Penna. WIND Gary, Indiana WNOX Knoxville, Tennessee WQAM Miami, Florida	750 Kc KGU Honolulu, Hawaii WJR Detroit, Michigan	399.8 Meters KGU Honolulu, Hawaii WJR Detroit, Michigan	950 Kc KFVB Los Angeles, Calif. KHSL Chico, California KMBC Kansas City, Mo. WRC Washington, D. C.	315.6 Meters KFVB Los Angeles, Calif. KHSL Chico, California KMBC Kansas City, Mo. WRC Washington, D. C.	1200 Kc KADA Ada, Oklahoma KBTM Jonesboro, Arkansas KFJB Marshalltown, Iowa KFXD Nampa, Idaho KFXJ Grand Junction, Colo. KGDE Fergus Falls, Minn. KGEK Sterling, Colorado KGFJ Los Angeles, Calif. KGHI Little Rock, Arkansas KGOV Missoula, Montana KMLB Monroe, Louisiana KOOS Marshfield, Oregon KSUN Bisbee, Arizona KVOS Bellingham, Wash. KWG Stockton, California WABI Bangor, Maine WAIM Anderson, S. C. WBBZ Ponca City, Okla. WBHS Huntsville, Ala. WBNO New Orleans, La. WCAT Rapid City, S. D. WCAX Burlington, Vt. WCLO Janesville, Wis. WFAM South Bend, Indiana WFBE Cincinnati, Ohio WHBC Canton, Ohio WHBY Green Bay, Wis. WIBX Utica, New York WIL St. Louis, Missouri WJBC Bloomington, Illinois WJBL Decatur, Illinois WJBW New Orleans, La. WKBO Harrisburg, Penn. WKJC Lancaster, Penn. WLVA Lynchburg, Va. WMPC Lapeer, Michigan WNBO Silverhaven, Pa. WPHR Petersburg, Va. WRBL Columbus, Georgia WWAE Hammond, Indiana	249.9 Meters KADA Ada, Oklahoma KBTM Jonesboro, Arkansas KFJB Marshalltown, Iowa KFXD Nampa, Idaho KFXJ Grand Junction, Colo. KGDE Fergus Falls, Minn. KGEK Sterling, Colorado KGFJ Los Angeles, Calif. KGHI Little Rock, Arkansas KGOV Missoula, Montana KMLB Monroe, Louisiana KOOS Marshfield, Oregon KSUN Bisbee, Arizona KVOS Bellingham, Wash. KWG Stockton, California WABI Bangor, Maine WAIM Anderson, S. C. WBBZ Ponca City, Okla. WBHS Huntsville, Ala. WBNO New Orleans, La. WCAT Rapid City, S. D. WCAX Burlington, Vt. WCLO Janesville, Wis. WFAM South Bend, Indiana WFBE Cincinnati, Ohio WHBC Canton, Ohio WHBY Green Bay, Wis. WIBX Utica, New York WIL St. Louis, Missouri WJBC Bloomington, Illinois WJBL Decatur, Illinois WJBW New Orleans, La. WKBO Harrisburg, Penn. WKJC Lancaster, Penn. WLVA Lynchburg, Va. WMPC Lapeer, Michigan WNBO Silverhaven, Pa. WPHR Petersburg, Va. WRBL Columbus, Georgia WWAE Hammond, Indiana	1250 Kc KFOX Long Beach, Calif. WCAL Northfield, Minn. WDSU New Orleans, La. WHBI Newark, N. Jersey WLB Minneapolis, Minn. WNEW Newark, N. Jersey WTCN Minneapolis, Minn.	239.9 Meters KFOX Long Beach, Calif. WCAL Northfield, Minn. WDSU New Orleans, La. WHBI Newark, N. Jersey WLB Minneapolis, Minn. WNEW Newark, N. Jersey WTCN Minneapolis, Minn.
570 Kc KGKO Wichita Falls, Texas KMTR Hollywood, California KTAT Fort Worth, Texas KVI Tacoma, Washington WKBN Youngstown, Ohio WMCA New York, New York WNAX Yankton, S. Dakota WOSU Columbus, Ohio WSYR Syracuse, New York WSYU Syracuse, New York WWNC Asheville, N. Car.	526.0 Meters KGKO Wichita Falls, Texas KMTR Hollywood, California KTAT Fort Worth, Texas KVI Tacoma, Washington WKBN Youngstown, Ohio WMCA New York, New York WNAX Yankton, S. Dakota WOSU Columbus, Ohio WSYR Syracuse, New York WSYU Syracuse, New York WWNC Asheville, N. Car.	770 Kc KFAB Lincoln, Nebraska WBBM Chicago, Illinois	389.4 Meters KFAB Lincoln, Nebraska WBBM Chicago, Illinois	970 Kc KJR Seattle, Washington WCFI Chicago, Illinois WIBG Glenside, Penn.	309.1 Meters KJR Seattle, Washington WCFI Chicago, Illinois WIBG Glenside, Penn.	1000 Kc KFDV Los Angeles, Calif. WHO Des Moines, Iowa	299.8 Meters KFDV Los Angeles, Calif. WHO Des Moines, Iowa	1260 Kc KGOV Missoula, Mont. KOIL Council Bluffs, Ia. KPAC Port Arthur, Texas KRGV Weslaco, Texas KVOA Fayetteville, Ark. KVOA Tucson, Arizona WHIO Dayton, Ohio WNBX Springfield, Vermont WTOC Savannah, Georgia	238.0 Meters KGOV Missoula, Mont. KOIL Council Bluffs, Ia. KPAC Port Arthur, Texas KRGV Weslaco, Texas KVOA Fayetteville, Ark. KVOA Tucson, Arizona WHIO Dayton, Ohio WNBX Springfield, Vermont WTOC Savannah, Georgia
580 Kc KMJ Fresno, California KSAC Manhattan, Kansas WCHS Charleston, W. Va. WDBO Orlando, Florida WIBW Topeka, Kansas WTAG Worcester, Mass.	516.9 Meters KMJ Fresno, California KSAC Manhattan, Kansas WCHS Charleston, W. Va. WDBO Orlando, Florida WIBW Topeka, Kansas WTAG Worcester, Mass.	780 Kc KELW Burbank, Calif. KFDY Brookings, S. Dakota KGHL Billings, Montana KTM Los Angeles, Calif. WEAN Providence, R. I. WMC Memphis, Tennessee WTAR Norfolk, Virginia	384.4 Meters KELW Burbank, Calif. KFDY Brookings, S. Dakota KGHL Billings, Montana KTM Los Angeles, Calif. WEAN Providence, R. I. WMC Memphis, Tennessee WTAR Norfolk, Virginia	980 Kc KDKA Pittsburgh, Penn.	305.9 Meters KDKA Pittsburgh, Penn.	1000 Kc KFDV Los Angeles, Calif. WHO Des Moines, Iowa	299.8 Meters KFDV Los Angeles, Calif. WHO Des Moines, Iowa	1270 Kc KGCA Decorah, Iowa KOL Seattle, Washington KVOR Colorado Sprgs., Col. KWLC Decorah, Iowa WASH Gr. Rapids, Mich. WFBR Baltimore, Maryland WJDX Jackson, Mississippi WOOD Gr. Rapids, Mich.	236.1 Meters KGCA Decorah, Iowa KOL Seattle, Washington KVOR Colorado Sprgs., Col. KWLC Decorah, Iowa WASH Gr. Rapids, Mich. WFBR Baltimore, Maryland WJDX Jackson, Mississippi WOOD Gr. Rapids, Mich.
590 Kc KHQ Spokane, Washington WEEI Boston, Massachusetts WKZO Kalamazoo, Michigan WOW Omaha, Nebraska	508.2 Meters KHQ Spokane, Washington WEEI Boston, Massachusetts WKZO Kalamazoo, Michigan WOW Omaha, Nebraska	790 Kc KGO San Francisco, Calif. WGY Schenectady, N. Y.	379.5 Meters KGO San Francisco, Calif. WGY Schenectady, N. Y.	1010 Kc KGGF Coffeyville, Kansas KQW San Jose, California WHN New York, New York WIS Columbia, S. Carolina WNAD Norman, Oklahoma	296.9 Meters KGGF Coffeyville, Kansas KQW San Jose, California WHN New York, New York WIS Columbia, S. Carolina WNAD Norman, Oklahoma	1050 Kc KFBI Abilene, Kansas KNX Los Angeles, Calif.	285.5 Meters KFBI Abilene, Kansas KNX Los Angeles, Calif.	1280 Kc KFBB Great Falls, Montana WCAM Camden, N. Jersey WCAP Asbury Park, N. J. WDOD Chattanooga, Tenn. WIBA Madison, Wisconsin WORC Worcester, Mass. WRR Dallas, Texas WTNJ Trenton, N. Jersey	234.2 Meters KFBB Great Falls, Montana WCAM Camden, N. Jersey WCAP Asbury Park, N. J. WDOD Chattanooga, Tenn. WIBA Madison, Wisconsin WORC Worcester, Mass. WRR Dallas, Texas WTNJ Trenton, N. Jersey
600 Kc KFSD San Diego, California WCAC Storrs, Connecticut WCAO Baltimore, Maryland WICC Bridgeport, Conn. WMT Cedar Rapids, Iowa WREC Memphis, Tennessee	499.7 Meters KFSD San Diego, California WCAC Storrs, Connecticut WCAO Baltimore, Maryland WICC Bridgeport, Conn. WMT Cedar Rapids, Iowa WREC Memphis, Tennessee	800 Kc WBAP Fort Worth, Texas WFAA Dallas, Texas WTBO Cumberland, Maine	374.8 Meters WBAP Fort Worth, Texas WFAA Dallas, Texas WTBO Cumberland, Maine	1020 Kc KYW Philadelphia, Penn.	293.9 Meters KYW Philadelphia, Penn.	1060 Kc KTHS Hot Springs, Arkansas WBAL Baltimore, Maryland WJAG Norfolk, Nebraska	282.8 Meters KTHS Hot Springs, Arkansas WBAL Baltimore, Maryland WJAG Norfolk, Nebraska	1290 Kc KDYL Salt Lake City, Utah KLCN Blytheville, Ark. KTRH Houston, Texas WEBC Superior, Wis. WJAS Pittsburgh, Penn. WNBZ Saranac Lake, N. Y.	232.4 Meters KDYL Salt Lake City, Utah KLCN Blytheville, Ark. KTRH Houston, Texas WEBC Superior, Wis. WJAS Pittsburgh, Penn. WNBZ Saranac Lake, N. Y.
610 Kc KFRC San Francisco, Calif. WDAF Kansas City, Kansas WIP Philadelphia, Penn. WJAY Cleveland, Ohio	491.5 Meters KFRC San Francisco, Calif. WDAF Kansas City, Kansas WIP Philadelphia, Penn. WJAY Cleveland, Ohio	810 Kc WCCO St. Paul-Minn., Minn. WNYC New York, New York	370.2 Meters WCCO St. Paul-Minn., Minn. WNYC New York, New York	1030 Kc CKLW Windsor, Canada	291.2 Meters CKLW Windsor, Canada	1070 Kc KJBS San Francisco, Calif. WCAZ Cathage, Illinois WDZ Tuscola, Illinois WTAM Cleveland, Ohio	280.2 Meters KJBS San Francisco, Calif. WCAZ Cathage, Illinois WDZ Tuscola, Illinois WTAM Cleveland, Ohio	1300 Kc KALE Portland, Oregon KFAC Los Angeles, Calif. KFH Wichita, Kansas KFJR Portland, Oregon WBBR New York, N. Y. WEVD New York, N. Y. WFAB New York, N. Y. WFBC Greenville, S. C. WHAZ Troy, New York WIOD Miami, Florida	230.6 Meters KALE Portland, Oregon KFAC Los Angeles, Calif. KFH Wichita, Kansas KFJR Portland, Oregon WBBR New York, N. Y. WEVD New York, N. Y. WFAB New York, N. Y. WFBC Greenville, S. C. WHAZ Troy, New York WIOD Miami, Florida
618.5 Kc KZRM Manila, Philippine Is.	408.1 Meters KZRM Manila, Philippine Is.	820 Kc WHAS Louisville, Kentucky	365.6 Meters WHAS Louisville, Kentucky	1080 Kc WBT Charlotte, N. Carolina WCBW Waukegan, Ill. WMBI Chicago, Illinois	277.6 Meters WBT Charlotte, N. Carolina WCBW Waukegan, Ill. WMBI Chicago, Illinois	1090 Kc KMOX St. Louis, Missouri	275.1 Meters KMOX St. Louis, Missouri	1310 Kc KCRJ Jerome, Arizona KFBK Sacramento, Calif. KFGQ Boone, Iowa KFPL Dublin, Texas KFPM Greenville, Texas KFYO Oklahoma City, Okla. KFYO Lubbock, Texas KGBX Springfield, Missouri KGCX Wolf Point, Montana KGEZ Kalispell, Montana KGFV Kearney, Nebraska KINY Juneau, Alaska KIT Yakima, Washington KIUI Santa Fe, N. Mexico KMED Medford, Oregon KRMD Shreveport, La. KTLC Houston, Texas KTSM El Paso, Texas KXRO Aberdeen, Wash. WAML Laurel, Mississippi WBEQ Marquette, Michigan WBOW Terre Haute, Ind. WBRE Wilkes-Barre, Penn. WCLS Joliet, Illinois WDAH El Paso, Texas WEBR Buffalo, New York WEXL Royal Oak, Mich. WFBG Altoona, Penn. WDFD Flint, Michigan WGH Newport News, Va. WHAT Philadelphia, Penn. WJAC Johnstown, Penn. WLBC Muncie, Indiana WLNH Laconia, N. H. WMBO Auburn, New York WMFF Plattsburg, N. Y. WNBH New Bedford, Mass. WOL Washington, D. C.	228.9 Meters KCRJ Jerome, Arizona KFBK Sacramento, Calif. KFGQ Boone, Iowa KFPL Dublin, Texas KFPM Greenville, Texas KFYO Oklahoma City, Okla. KFYO Lubbock, Texas KGBX Springfield, Missouri KGCX Wolf Point, Montana KGEZ Kalispell, Montana KGFV Kearney, Nebraska KINY Juneau, Alaska KIT Yakima, Washington KIUI Santa Fe, N. Mexico KMED Medford, Oregon KRMD Shreveport, La. KTLC Houston, Texas KTSM El Paso, Texas KXRO Aberdeen, Wash. WAML Laurel, Mississippi WBEQ Marquette, Michigan WBOW Terre Haute, Ind. WBRE Wilkes-Barre, Penn. WCLS Joliet, Illinois WDAH El Paso, Texas WEBR Buffalo, New York WEXL Royal Oak, Mich. WFBG Altoona, Penn. WDFD Flint, Michigan WGH Newport News, Va. WHAT Philadelphia, Penn. WJAC Johnstown, Penn. WLBC Muncie, Indiana WLNH Laconia, N. H. WMBO Auburn, New York WMFF Plattsburg, N. Y. WNBH New Bedford, Mass. WOL Washington, D. C.
620 Kc KGW Portland, Oregon KTAR Phoenix, Arizona WFLA Clearwater, Florida WHJB Greensburg, Penn. WLBZ Bangor, Maine WSUN St. Petersburg, Fla. WTMJ Milwaukee, Wis.	483.6 Meters KGW Portland, Oregon KTAR Phoenix, Arizona WFLA Clearwater, Florida WHJB Greensburg, Penn. WLBZ Bangor, Maine WSUN St. Petersburg, Fla. WTMJ Milwaukee, Wis.	830 Kc KOA Denver, Colorado WEEU Reading, Pennsylvania WHDH Boston, Mass. WRUF Gainesville, Florida	361.2 Meters KOA Denver, Colorado WEEU Reading, Pennsylvania WHDH Boston, Mass. WRUF Gainesville, Florida	1100 Kc KGDM Stockton, California KWKH Shreveport, La. WLWL New York, New York WPG Atlantic City, N. J.	272.6 Meters KGDM Stockton, California KWKH Shreveport, La. WLWL New York, New York WPG Atlantic City, N. J.	1110 Kc KSOO Sioux Falls, S. Dak. WRVA Richmond, Virginia	270.1 Meters KSOO Sioux Falls, S. Dak. WRVA Richmond, Virginia	1320 Kc KFKU Lawrence, Kansas KTW Seattle, Washington KWSC Pullman, Wash. WCAD Canton, New York WCAE Pittsburgh, Penn. WDAE Tampa, Florida WREN Kansas City, Mo.	245.8 Meters KFKU Lawrence, Kansas KTW Seattle, Washington KWSC Pullman, Wash. WCAD Canton, New York WCAE Pittsburgh, Penn. WDAE Tampa, Florida WREN Kansas City, Mo.
630 Kc KFRU Columbia, Missouri KGFX Pierre, So. Dak. WGBF Evansville, Indiana WMAL Washington, D. C. WOS Jefferson City, Mo. WPRO Providence, R. I.	475.9 Meters KFRU Columbia, Missouri KGFX Pierre, So. Dak. WGBF Evansville, Indiana WMAL Washington, D. C. WOS Jefferson City, Mo. WPRO Providence, R. I.	840 Kc KIEV Glendale, California WESG Elmira, New York WWL New Orleans, La. WWPA Clarion, Pa.	352.7 Meters KIEV Glendale, California WESG Elmira, New York WWL New Orleans, La. WWPA Clarion, Pa.	1120 Kc KASA Elk City, Okla. KDLR Devils Lake, N. D. KFJL Klamath Falls, Oregon KFOR Lincoln, Nebraska KFPW Fort Smith, Ark. KFVS Cape Girardeau, Miss. KFXM San Bernardino, Calif. KGY Olympia, Wash. KIEM Eureka, California KPPC Pasadena, Calif. KWEA Shreveport, La. KWTN Watertown, S. D. WALR Zanesville, Ohio WBAX Wilkes-Barre, Penn. WBBL Richmond, Va. WBRB Red Bank, N. J. WCOL Columbus, Ohio WCRW Chicago, Illinois WEBQ Harrisburg, Illinois WEDC Chicago, Illinois WFAS White Plains, N. Y. WGBB Freeport, N. Y. WGCM Gulfport, Miss. WGNV Chester, N. Y. WHBF Rock Island, Illinois WHBU Anderson, Indiana WIBU Poynette, Wisconsin WJBY Gadsden, Alabama WJEJ Hagerstown, Md. WJIM Lansing, Michigan WJW Akron, Ohio WKOK Sunbury, Penn. WMBG Richmond, Va. WMFG Hibbing, Minn. WOCL Jamestown, N. Y. WOMT Manitowoc, Wis. WPAX Thomasville, Ga. WSBC Chicago, Illinois WSIX Springfield, Tenn. WSOC Charlotte, N. C. WTAX Springfield, Illinois	267.7 Meters KASA Elk City, Okla. KDLR Devils Lake, N. D. KFJL Klamath Falls, Oregon KFOR Lincoln, Nebraska KFPW Fort Smith, Ark. KFVS Cape Girardeau, Miss. KFXM San Bernardino, Calif. KGY Olympia, Wash. KIEM Eureka, California KPPC Pasadena, Calif. KWEA Shreveport, La. KWTN Watertown, S. D. WALR Zanesville, Ohio WBAX Wilkes-Barre, Penn. WBBL Richmond, Va. WBRB Red Bank, N. J. WCOL Columbus, Ohio WCRW Chicago, Illinois WEBQ Harrisburg, Illinois WEDC Chicago, Illinois WFAS White Plains, N. Y. WGBB Freeport, N. Y. WGCM Gulfport, Miss. WGNV Chester, N. Y. WHBF Rock Island, Illinois WHBU Anderson, Indiana WIBU Poynette, Wisconsin WJBY Gadsden, Alabama WJEJ Hagerstown, Md. WJIM Lansing, Michigan WJW Akron, Ohio WKOK Sunbury, Penn. WMBG Richmond, Va. WMFG Hibbing, Minn. WOCL Jamestown, N. Y. WOMT Manitowoc, Wis. WPAX Thomasville, Ga. WSBC Chicago, Illinois WSIX Springfield, Tenn. WSOC Charlotte, N. C. WTAX Springfield, Illinois	1130 Kc KRSC Seattle, Washington KSL Salt Lake City, Utah WJJD Chicago, Illinois WVOV New York, New York	265.3 Meters KRSC Seattle, Washington KSL Salt Lake City, Utah WJJD Chicago, Illinois WVOV New York, New York	1330 Kc KFDQ Anchorage, Alaska KQGM Albuquerque, N. M. KYA San Francisco, Calif. WFBM Indianapolis, Ind. WNAC Boston, Mass.	243.8 Meters KFDQ Anchorage, Alaska KQGM Albuquerque, N. M. KYA San Francisco, Calif. WFBM Indianapolis, Ind. WNAC Boston, Mass.
640 Kc KFI Los Angeles, California WAIU Columbus, Ohio WOI Ames, Iowa	468.2 Meters KFI Los Angeles, California WAIU Columbus, Ohio WOI Ames, Iowa	850 Kc KIEV Glendale, California WESG Elmira, New York WWL New Orleans, La. WWPA Clarion, Pa.	352.7 Meters KIEV Glendale, California WESG Elmira, New York WWL New Orleans, La. WWPA Clarion, Pa.	1140 Kc KVOO Tulsa, Oklahoma WAPI Birmingham, Ala.	263.0 Meters KVOO Tulsa, Oklahoma WAPI Birmingham, Ala.	1150 Kc WHAM Rochester, New York	260.7 Meters WHAM Rochester, New York	1340 Kc KFBK Sacramento, Calif. KFGQ Boone, Iowa KFPL Dublin, Texas KFPM Greenville, Texas KFYO Oklahoma City, Okla. KFYO Lubbock, Texas KGBX Springfield, Missouri KGCX Wolf Point, Montana KGEZ Kalispell, Montana KGFV Kearney, Nebraska KINY Juneau, Alaska KIT Yakima, Washington KIUI Santa Fe, N. Mexico KMED Medford, Oregon KRMD Shreveport, La. KTLC Houston, Texas KTSM El Paso, Texas KXRO Aberdeen, Wash. WAML Laurel, Mississippi WBEQ Marquette, Michigan WBOW Terre Haute, Ind. WBRE Wilkes-Barre, Penn. WCLS Joliet, Illinois WDAH El Paso, Texas WEBR Buffalo, New York WEXL Royal Oak, Mich. WFBG Altoona, Penn. WDFD Flint, Michigan WGH Newport News, Va. WHAT Philadelphia, Penn. WJAC Johnstown, Penn. WLBC Muncie, Indiana WLNH Laconia, N. H. WMBO Auburn, New York WMFF Plattsburg, N. Y. WNBH New Bedford, Mass. WOL Washington, D. C.	228.9 Meters KCRJ Jerome, Arizona KFBK Sacramento, Calif. KFGQ Boone, Iowa KFPL Dublin, Texas KFPM Greenville, Texas KFYO Oklahoma City, Okla. KFYO Lubbock, Texas KGBX Springfield, Missouri KGCX Wolf Point, Montana KGEZ Kalispell, Montana KGFV Kearney, Nebraska KINY Juneau, Alaska KIT Yakima, Washington KIUI Santa Fe, N. Mexico KMED Medford, Oregon KRMD Shreveport, La. KTLC Houston, Texas KTSM El Paso, Texas KXRO Aberdeen, Wash. WAML Laurel, Mississippi WBEQ Marquette, Michigan WBOW Terre Haute, Ind. WBRE Wilkes-Barre, Penn. WCLS Joliet, Illinois WDAH El Paso, Texas WEBR Buffalo, New York WEXL Royal Oak, Mich. WFBG Altoona, Penn. WDFD Flint, Michigan WGH Newport News, Va. WHAT Philadelphia, Penn. WJAC Johnstown, Penn. WLBC Muncie, Indiana WLNH Laconia, N. H. WMBO Auburn, New York WMFF Plattsburg, N. Y. WNBH New Bedford, Mass. WOL Washington, D. C.
650 Kc WSM Nashville, Tennessee	461.3 Meters WSM Nashville, Tennessee	860 Kc WABC New York, New York WHB Kansas City, Missouri	348.6 Meters WABC New York, New York WHB Kansas City, Missouri	1160 Kc WOWO Fort Wayne, Ind. WWVA Wheeling, W. Va.	258.5 Meters WOWO Fort Wayne, Ind. WWVA Wheeling, W. Va.	1170 Kc WCAU Philadelphia, Penn.	265.3 Meters WCAU Philadelphia, Penn.	1350 Kc KFBK Sacramento, Calif. KFGQ Boone, Iowa KFPL Dublin, Texas KFPM Greenville, Texas KFYO Oklahoma City, Okla. KFYO Lubbock, Texas KGBX Springfield, Missouri KGCX Wolf Point, Montana KGEZ Kalispell, Montana KGFV Kearney, Nebraska KINY Juneau, Alaska KIT Yakima, Washington KIUI Santa Fe, N. Mexico KMED Medford, Oregon KRMD Shreveport, La. KTLC Houston, Texas KTSM El Paso, Texas KXRO Aberdeen, Wash. WAML Laurel, Mississippi WBEQ Marquette, Michigan WBOW Terre Haute, Ind. WBRE Wilkes-Barre, Penn. WCLS Joliet, Illinois WDAH El Paso, Texas WEBR Buffalo, New York WEXL Royal Oak, Mich. WFBG Altoona, Penn. WDFD Flint, Michigan WGH Newport News, Va. WHAT Philadelphia, Penn. WJAC Johnstown, Penn. WLBC Muncie, Indiana WLNH Laconia, N. H. WMBO Auburn, New York WMFF Plattsburg, N. Y. WNBH New Bedford, Mass. WOL Washington, D. C.	228.9 Meters KCRJ Jerome, Arizona KFBK Sacramento, Calif. KFGQ Boone, Iowa KFPL Dublin, Texas KFPM Greenville, Texas KFYO Oklahoma City, Okla. KFYO Lubbock, Texas KGBX Springfield, Missouri KGCX Wolf Point, Montana KGEZ Kalispell, Montana KGFV Kearney, Nebraska KINY Juneau, Alaska KIT Yakima, Washington KIUI Santa Fe, N. Mexico KMED Medford, Oregon KRMD Shreveport, La. KTLC Houston, Texas KTSM El Paso, Texas KXRO Aberdeen, Wash. WAML Laurel, Mississippi WBEQ Marquette, Michigan WBOW Terre Haute, Ind. WBRE Wilkes-Barre, Penn. WCLS Joliet, Illinois WDAH El Paso, Texas WEBR Buffalo, New York WEXL Royal Oak, Mich. WFBG Altoona, Penn. WDFD Flint, Michigan WGH Newport News, Va. WHAT Philadelphia, Penn. WJAC Johnstown, Penn. WLBC Muncie, Indiana WLNH Laconia, N. H. WMBO Auburn, New York WMFF Plattsburg, N. Y. WNBH New Bedford, Mass. WOL Washington, D. C.
660 Kc WAAW Omaha, Nebraska WEAF New York, New York	454.3 Meters WAAW Omaha, Nebraska WEAF New York, New York	870 Kc KGBU Ketchikan, Alaska KHJ Los Angeles, Calif. KSEI Pocatello, Idaho KZIB Manila, Philippine Is. WBEN Buffalo, New York WJAX Jacksonville, Florida WKY Oklahoma City, Okla. WLBL Stevens Point, Wis. WMFI New Haven, Conn. WTAD Quincy, Illinois	331.1 Meters KGBU Ketchikan, Alaska KHJ Los Angeles, Calif. KSEI Pocatello, Idaho KZIB Manila, Philippine Is. WBEN Buffalo, New York WJAX Jacksonville, Florida WKY Oklahoma City, Okla. WLBL Stevens Point, Wis. WMFI New Haven, Conn. WTAD Quincy, Illinois	1180 Kc KEX Portland, Oregon KOB Albuquerque, N. Mex. WDGY St. Paul-Minn., Minn. WINS New York, New York WMAZ Macon, Georgia	254.1 Meters KEX Portland, Oregon KOB Albuquerque, N. Mex. WDGY St. Paul-Minn., Minn. WINS New York, New York WMAZ Macon, Georgia	1190 Kc WATR Waterbury, Conn. WOAI San Antonio, Texas WSAZ Huntington, W. Va.	252.0 Meters WATR Waterbury, Conn. WOAI San Antonio, Texas WSAZ Huntington, W. Va.	1360 Kc KFBK Sacramento, Calif. KFGQ Boone, Iowa KFPL Dublin, Texas KFPM Greenville, Texas KFYO Oklahoma City, Okla. KFYO Lubbock, Texas KGBX Springfield, Missouri KGCX Wolf Point, Montana KGEZ Kalispell, Montana KGFV Kearney, Nebraska KINY Juneau, Alaska KIT Yakima, Washington KIUI Santa Fe, N. Mexico KMED Medford, Oregon KRMD Shreveport, La. KTLC Houston, Texas KTSM El Paso, Texas KXRO Aberdeen, Wash. WAML Laurel, Mississippi WBEQ Marquette, Michigan WBOW Terre Haute, Ind. WBRE Wilkes-Barre, Penn. WCLS Joliet, Illinois WDAH El Paso, Texas WEBR Buffalo, New York WEXL Royal Oak, Mich. WFBG Altoona, Penn. WDFD Flint, Michigan WGH Newport News, Va. WHAT Philadelphia, Penn. WJAC Johnstown, Penn. WLBC Muncie, Indiana WLNH Laconia, N. H. WMBO Auburn, New York WMFF Plattsburg, N. Y. WNBH New Bedford, Mass. WOL Washington, D. C.	228.9 Meters KCRJ Jerome, Arizona KFBK Sacramento, Calif. KFGQ Boone, Iowa KFPL Dublin, Texas KFPM Greenville, Texas KFYO Oklahoma City, Okla. KFYO Lubbock, Texas KGBX Springfield, Missouri KGCX Wolf Point, Montana KGEZ Kalispell, Montana KGFV Kearney, Nebraska KINY Juneau, Alaska KIT Yakima, Washington KIUI Santa Fe, N. Mexico KMED Medford, Oregon KRMD Shreveport, La. KTLC Houston, Texas KTSM El Paso, Texas KXRO Aberdeen, Wash. WAML Laurel, Mississippi WBEQ Marquette, Michigan WBOW Terre Haute, Ind. WBRE Wilkes-Barre, Penn. WCLS Joliet, Illinois WDAH El Paso, Texas WEBR Buffalo, New York WEXL Royal Oak, Mich. WFBG Altoona, Penn. WDFD Flint, Michigan WGH Newport News, Va. WHAT Philadelphia, Penn. WJAC Johnstown, Penn. WLBC Muncie, Indiana WLNH Laconia, N. H. WMBO Auburn, New York WMFF Plattsburg, N. Y. WNBH New Bedford, Mass. WOL Washington, D. C.
670 Kc WMAQ Chicago, Illinois	447.5 Meters WMAQ Chicago, Illinois	880 Kc KFKA Greeley, Colorado KLX Oakland, California KPOF Denver, Colorado WCOC Meridian, Mississippi WGBI Scranton, Penn. WPHR Petersburg, Va. WQAN Scranton, Penn. WSUI Iowa City, Iowa	340.7 Meters KFKA Greeley, Colorado KLX Oakland, California KPOF Denver, Colorado WCOC Meridian, Mississippi WGBI Scranton, Penn. WPHR Petersburg, Va. WQAN Scranton, Penn. WSUI Iowa City, Iowa	1200 Kc KADA Ada, Oklahoma KBTM Jonesboro, Arkansas KFJB Marshalltown, Iowa KFXD Nampa, Idaho KFXJ Grand Junction, Colo. KGDE Fergus Falls, Minn. KGEK Sterling, Colorado KGFJ Los Angeles, Calif. KGHI Little Rock, Arkansas KGOV Missoula, Montana KMLB Monroe, Louisiana KOOS Marshfield, Oregon KSUN Bisbee, Arizona KVOS Bellingham, Wash. KWG Stockton, California WABI Bangor, Maine WAIM Anderson, S. C. WBBZ Ponca City, Okla. WBHS Huntsville, Ala. WBNO New Orleans, La. WCAT Rapid City, S. D. WCAX Burlington, Vt. WCLO Janesville, Wis. WFAM South Bend, Indiana WFBE Cincinnati, Ohio WHBC Canton, Ohio WHBY Green Bay, Wis. WIBX Utica, New York WIL St. Louis, Missouri WJBC Bloomington, Illinois WJBL Decatur, Illinois WJBW New Orleans, La. WKBO Harrisburg, Penn. WKJC Lancaster, Penn. WLVA Lynchburg, Va. WMPC Lapeer, Michigan WNBO Silverhaven, Pa. WPHR Petersburg, Va. WRBL Columbus, Georgia WWAE Hammond, Indiana	249.9 Meters KADA Ada, Oklahoma KBTM Jonesboro, Arkansas KFJB Marshalltown, Iowa KFXD Nampa, Idaho KFXJ Grand Junction, Colo. KGDE Fergus Falls, Minn. KGEK Sterling, Colorado KGFJ Los Angeles, Calif. KGHI Little Rock, Arkansas KGOV Missoula, Montana KMLB Monroe, Louisiana KOOS Marshfield, Oregon KSUN Bisbee, Arizona KVOS Bellingham, Wash. KWG Stockton, California WABI Bangor, Maine WAIM Anderson, S. C. WBBZ Ponca City, Okla. WBHS Huntsville, Ala. WBNO New Orleans, La. WCAT Rapid City, S. D. WCAX Burlington, Vt. WCLO Janesville, Wis. WFAM South Bend, Indiana WFBE Cincinnati, Ohio WHBC Canton, Ohio WHBY Green Bay, Wis. WIBX Utica, New York WIL St. Louis, Missouri WJBC Bloomington, Illinois WJBL Decatur, Illinois WJBW New Orleans, La. WKBO Harrisburg, Penn. WKJC Lancaster, Penn. WLVA Lynchburg, Va. WMPC Lapeer, Michigan WNBO Silverhaven, Pa. WPHR Petersburg, Va. WRBL Columbus, Georgia WWAE Hammond, Indiana	1210 Kc KASA Elk City, Okla. KDLR Devils Lake, N. D. KFJL Klamath Falls, Oregon KFOR Lincoln, Nebraska KFPW Fort Smith, Ark. KFVS Cape Girardeau, Miss. KFXM San Bernardino, Calif. KGY Olympia, Wash. KIEM Eureka, California KPPC Pasadena, Calif. KWEA Shreveport, La. KWTN Watertown, S. D. WALR Zanesville, Ohio WBAX Wilkes-Barre, Penn. WBBL Richmond, Va. WBRB Red Bank, N. J. WCOL Columbus, Ohio WCRW Chicago, Illinois WEBQ Harrisburg, Illinois WEDC Chicago, Illinois WFAS White Plains, N. Y. WGBB Freeport, N. Y. WGCM Gulfport, Miss. WGNV Chester, N. Y. WHBF Rock Island, Illinois WHBU Anderson, Indiana WIBU Poynette, Wisconsin WJBY Gadsden, Alabama WJEJ Hagerstown, Md. WJIM Lansing, Michigan WJW Akron, Ohio WKOK Sunbury, Penn. WMBG Richmond, Va. WMFG Hibbing, Minn. WOCL Jamestown, N. Y. WOMT Manitowoc, Wis. WPAX Thomasville, Ga. WSBC Chicago, Illinois WSIX Springfield, Tenn. WSOC Charlotte, N. C. WTAX Springfield, Illinois	247.8 Meters KASA Elk City, Okla. KDLR Devils Lake, N. D. KFJL Klamath Falls, Oregon KFOR Lincoln, Nebraska KFPW Fort Smith, Ark. KFVS Cape Girardeau, Miss. KFXM San Bernardino, Calif. KGY Olympia, Wash. KIEM Eureka, California KPPC Pasadena, Calif. KWEA Shreveport, La. KWTN Watertown, S.		

WRWA Reading, Penn.	KFGQ Boone, Iowa	WMFE New Britain, Conn.	WCBS Springfield, Illinois	1460 Kc	205.4 Meters	
WROL Knoxville, Tennessee	KFJM Grand Forks, N. D.	WSMK Dayton, Ohio	WEED Rocky Mount, N. C.	KSTP	St. Paul, Minnesota	
WSAJ Grove City, Penn.	KFJZ Fort Worth, Texas		WEHC Charlottesville, Va.	WJSV	Washington, D. C.	
WSGN Birmingham, Ala.	KFRO Longview, Texas	1390 Kc	WEHS Cicero, Illinois	1470 Kc	204.0 Meters	
WSJS Winston Salem, N. C.	KGAR Tucson, Arizona	KLRA Little Rock, Ark.	WELL Battle Creek, Mich.	KGA	Spokane, Washington	
WTEL Philadelphia, Penn.	KGFG Oklahoma City, Okla.	KOY Phoenix, Arizona	WGPC Albany, Ga.	WLAC	Nashville, Tenn.	
WTJS Jackson, Tennessee	KGFL Roswell, N. M.	WHK Cleveland, Ohio	WHDL Olean, N. Y.	1480 Kc	202.6 Meters	
WTRC Elkhart, Indiana	KGKL San Angelo, Texas	1400 Kc	WHFC Cicero, Illinois	KOMA	Oklahoma City, Okla.	
1320 Kc	KICA Clovis, New Mexico	KLO Ogden, Utah	WILM Wilmington, Delaware	WKBW	Buffalo, New York	
KGHF Pueblo, Colorado	KLUF Galveston, Texas	KTUL Tulsa, Oklahoma	WJBO Baton Rouge, La.	1490 Kc	201.2 Meters	
KGMB Honolulu, Hawaii	KMAC San Antonio, Texas	WARD Brooklyn, N. Y.	WJMS Ironwood, Michigan	WCKY	Covington, Ky.	
KID Idaho Falls, Idaho	KONO San Antonio, Texas	WBAA W. Lafayette, Ind.	WKBI Cicero, Illinois	1500 Kc	199.9 Meters	
KRNT Des Moines, Iowa	KRE Berkeley, California	WBBC New York, New York	WLAP Lexington, Kentucky	KDB	Santa Barbara, Calif.	
WADC Akron, Ohio	KRKO Everett, Washington	WIRE Indianapolis, Ind.	WLBK Kansas City, Kansas	KGFI	Corpus Cristi, Texas	
WORK York, Pennsylvania	KSLM Salem, Oregon	WLTH New York, N. Y.	WLEU Erie, Pennsylvania	KGFK	Moorhead, Minnesota	
WSMB New Orleans, La.	KUJ Walla Walla, Wash.	WVFW New York, N. Y.	WMAS Springfield, Mass.	KGKB	Tyler, Texas	
1330 Kc	KVL Seattle, Washington	1410 Kc	WMBBC Detroit, Michigan	KGKY	Scottsbluff, Nebraska	
KGB San Diego, California	KWKC Kansas City, Mo.	KGNC Amarillo, Texas	WMBH Joplin, Missouri	KNOW	Austin, Texas	
KMO Tacoma, Washington	KWYO Sheridan, Wyoming	KGRS Amarillo, Texas	WMFJ Daytona Beach, Fla.	KOTN	Pine Bluff, Arkansas	
KSCJ Sioux City, Iowa	WABY Albany, New York	WAAB Boston, Mass.	WNRA Muscle Shoals, Ala.	KPJM	Prescott, Arizona	
KTRH Houston, Texas	WAGF Dothan, Alabama	WBCM Bay City, Michigan	WPAD Paducah, Kentucky	KPQ	Wenatchee, Wash.	
WDRC Hartford, Conn.	WBTM Danville, Virginia	WDAG Amarillo, Texas	WPAR Parkersburg, W. Va.	KREG	Santa Ana, California	
WSAI Cincinnati, Ohio	WCBM Baltimore, Maryland	WHBL Sheboygan, Wis.	1430 Kc	209.7 Meters	KXO	El Centro, California
WTAQ Eau Claire, Wis.	WDAS Philadelphia, Penn.	WHIS Bluefield, W. Va.	KECA	Los Angeles, Calif.	WCNW	New York, N. Y.
1340 Kc	WGL Fort Wayne, Indiana	WHB Roanoke, Virginia	KGNF	North Platte, Nebr.	WDNC	Durham, N. Carolina
KFPY Spokane, Wash.	WHBD Mount Orab, Ohio	WRBX Rockford, Illinois	KSO	Des Moines, Iowa	WGAL	Lancaster, Penn.
KGDY Huron, South Dakota	WHBQ Memphis, Tenn.	WSFA Montgomery, Ala.	WBNS Columbus, Ohio	WJBK	Detroit, Michigan	
KGNO Dodge City, Kansas	WHDF Calumet, Michigan	1420 Kc	WHEC Rochester, N. Y.	WKBB	E. Dubuque, Ill.	
WCOA Pensacola, Florida	WIBM Jackson, Michigan	KABC San Antonio, Texas	WHP Harrisburg, Penn.	WKBV	Richmond, Indiana	
WFEA Manchester, N. H.	WJTL Atlanta, Georgia	KABR Aberdeen, S. D.	WNBR Memphis, Tenn.	WKBZ	Muskegon, Michigan	
WSPD Toledo, Ohio	WLLH Lowell, Mass.	KBPS Portland, Oregon	WOKO Albany, New York	WKEU	Griffin, Georgia	
1350 Kc	WLVA Lynchburg, Virginia	KCMC Texarkana, Texas	1440 Kc	208.2 Meters	WMBQ	Brooklyn, N. Y.
KIDO Boise, Idaho	WMBR Jacksonville, Fla.	KFIZ Fond du Lac, Wis.	KDFN	Casper, Wyoming	WMEX	Boston, Mass.
KWK St. Louis, Missouri	WMFD Wilmington, N. C.	KGFF Shawnee, Oklahoma	KLS	Oakland, California	WBNF	Binghamton, N. Y.
WAWZ Zarepath, N. J.	WMFO Decatur, Alabama	KGGC San Francisco, Calif.	KXYZ	Houston, Texas	WOPI	Bristol, Tennessee
WBNX New York, New York	WOC Davenport, Iowa	KGIW Alamosa, Colorado	WBIG	Greensboro, N. C.	WRDW	Augusta, Georgia
1360 Kc	WPAY Portsmouth, Ohio	KGIW Alamosa, Colorado	WCBA Allentown, Penn.	WRGA	Rome, Georgia	
KGER Long Beach, Calif.	WPFB Hattiesburg, Miss.	KGIW Alamosa, Colorado	WMBD Peoria, Illinois	WSYB	Rutland, Vermont	
KGIR Butte, Montana	WQDM St. Albans, Vt.	KGIW Alamosa, Colorado	WSAN Allentown, Penn.	WTMV	St. Louis, Missouri	
WCSC Charleston, S. C.	WRAK Williamsport, Penn.	KIDW Lamar, Colorado	1450 Kc	206.8 Meters	WWRL	New York, N. Y.
WFBL Syracuse, New York	WRDO Augusta, Maine	KIUN Pecos, Texas	KTBS Shreveport, Louisiana	1530 Kc	196.0 Meters	
WGES Chicago, Illinois	WRJN Racine, Wisconsin	KORE Eugene, Oregon	WGAR Cleveland, Ohio	W1XBS	Waterbury, Conn.	
WQBC Vicksburg, Miss.	WSVS Buffalo, N. Y.	KRCL Lewiston, Idaho	WHOM Jersey City, N. J.	W9XBY	Kansas City, Mo.	
WSBT South Bend, Indiana	1380 Kc	KRCL Lewiston, Idaho	WSAR Fall River, Mass.	1550 Kc	193.4 Meters	
1370 Kc	218.8 Meters	KRCL Lewiston, Idaho	WTFI Athens, Georgia	W6XAI	Bakersfield, Calif.	
KCRC Enid, Oklahoma	KOH Reno, Nevada	KRCL Lewiston, Idaho				
KERN Bakersfield, Calif.	KQV Pittsburgh, Penn.	KRCL Lewiston, Idaho				
	WALA Mobile, Alabama	KRCL Lewiston, Idaho				
	WKBH La Crosse, Wis.	KRCL Lewiston, Idaho				

CANADIAN BROADCAST STATIONS

540 Kc	555.5 Meters	780 Kc	384.6 Meters	1010 Kc	297.0 Meters	1240 Kc	241.9 Meters
CJRM	Moose Jaw, Saskatchewan	CHWK	Chilliwack, B. Columbia	CKCD	Vancouver, B. Columbia	CJCB	Sydney, Nova Scotia
550 Kc	555.5 Meters	840 Kc	357.1 Meters	CKWX	Vancouver, B. Columbia	1260 Kc	238.0 Meters
CFNB	Fredericton, N. B.	CRCT	Toronto, Ontario	CKIC	Wolfville, Nova Scotia	CFRN	Edmonton, Alberta
580 Kc	545.4 Meters	CFQC	Saskatoon, Saskatchewan	CHML	Hamilton, Ontario	1310 Kc	228.0 Meters
CJCA	Edmonton, Alberta	880 Kc	340.9 Meters	CKCO	Ottawa, Ontario	CJKL	Kirkland Lake, Ontario
CKCL	Toronto, Ontario	CFJC	Kemloops, B. Columbia	CHWC	Regina, Saskatchewan	CKCV	Quebec, Quebec
CRCS	Chicoutini, Quebec	CRCO	Ottawa, Ontario	CKCK	Regina, Saskatchewan	1370 Kc	218.9 Meters
CHRC	Quebec, Quebec	890 Kc	338.2 Meters	CFCN	Calgary, Alberta	CKCW	Moncton, New Brunswick
600 Kc	500.0 Meters	CJIC	Sault Ste. Marie, Ontario	CKLW	Windsor, Ontario	1390 Kc	215.8 Meters
CJOR	Vancouver, B. Columbia	910 Kc	329.6 Meters	CRCK	Quebec, Quebec	CJRC	Winnipeg, Manitoba
CRCW	Windsor, Ontario	CJAT	Trail, B. Columbia	1100 Kc	272.7 Meters	1410 Kc	212.7 Meters
CFCF	Montreal, Quebec	CRCM	Montreal, Quebec	CRCV	Vancouver, B. Columbia	CKFC	Vancouver, B. Columbia
630 Kc	476.1 Meters	930 Kc	322.5 Meters	1120 Kc	267.8 Meters	CKMO	Vancouver, B. Columbia
CKOV	Kelowna, B. Columbia	CFAC	Calgary, Alberta	CHSJ	St. John, New Brunswick	CHNC	New Carlisle, Quebec
CFCO	Chatham, Ontario	CHNS	Halifax, Nova Scotia	CKOC	Hamilton, Ontario	1420 Kc	211.2 Meters
CFCY	Charlottetown, Prince Ed. Is.	CKPC	Brantford, Ontario	CHLP	Montreal, Quebec	CHGB	Timmins, Ontario
CJGX	Yorkton, Saskatchewan	CKPR	Fort Williams, Ontario	1200 Kc	250.0 Meters	CKNC	Toronto, Ontario
690 Kc	434.8 Meters	CFCH	North Bay, Ontario	CKTB	St. Catherine, Ontario	1450 Kc	206.8 Meters
CJCJ	Calgary, Alberta	CFLC	Prescott, Ontario	CHAB	Moose Jaw, Saskatchewan	CFCT	Victoria, British Columbia
CFRB	Toronto, Ontario	960 Kc	312.5 Meters	1210 Kc	247.9 Meters	CHGS	Summerside, P. E. I.
730 Kc	410.9 Meters	CKX	Brandon, Manitoba	CKCH	Hull, Quebec	1510 Kc	198.6 Meters
CJCA	Edmonton, Alberta	CKY	Winnipeg, Manitoba	1230 Kc	244.7 Meters	CFRC	Kingston, Ontario
CFPL	London, Ontario			CJOC	Lethbridge, Alberta	CKRC	Waterloo, Ontario
CKAC	Montreal, Quebec						

MEXICAN BROADCAST STATIONS

547 Kc	548.3 Meters	711 Kc	421.9 Meters	875 Kc	342.8 Meters	XEJ	Ciudad Juarez, Chih.	1210 Kc	247.9 Meters
XEY	Merida, Yuc.	XEN	Mexico, D. F.	XEAD	Mexico City	XEL	Saltillo, Coah.	XEX	Mexico, D. F.
550 Kc	545.4 Meters	735 Kc	408.1 Meters	890 Kc	337.0 Meters	1010 Kc	297.0 Meters	1250 Kc	240.0 Meters
XEI	Morelia, Mich.	XER	Villa Acuna, Coah.	XETU	Pachuca, Hgo.	XEU	Vera Cruz, V. C.	XEFA	Mexico, D. F.
560 Kc	535.7 Meters	750 Kc	400.0 Meters	910 Kc	329.6 Meters	1020 Kc	294.1 Meters	1280 Kc	234.3 Meters
XEAO	Mexicali	XEAN	Ciudad Juarez, Chic.	XEW	Mexico, D. F.	XES	Tampico, Tams.	XEFW	Tampico, Tams.
585 Kc	512.8 Meters	780 Kc	384.6 Meters	940 Kc	219.1 Meters	1030 Kc	291.2 Meters	1295 Kc	231.6 Meters
XEPN	Piedras Negras, Coah.	XEP	Nuevo Laredo, Tamps.	XFO-XEFO	Mexico, D. F.	XEB	Mexico, D. F.	XEAC	San Luis Potosi, S.L.P.
610 Kc	491.8 Meters	805 Kc	372.7 Meters	965 Kc	310.8 Meters	1050 Kc	281.9 Meters	1315 Kc	228.1 Meters
XETR	Mexico, D. F.	XFC	Aguascalientes, Ags.	XEAW	Reynosa, Tams.	XEFC	Merida, Yuc.	XEFB	Monterey, N. L.
630 Kc	476.1 Meters	818 Kc	366.7 Meters	990 Kc	333.3 Meters	1075 Kc	279.0 Meters	1330 Kc	226.3 Meters
XEZ	Merida, Yuc.	XFI	Mexico, D. F.	XEK	Mexico, D. F.	XEG	Mexico, D. F.	XEQ	Mexico, D. F.
638 Kc	470.2 Meters	830 Kc	361.4 Meters	1000 Kc	300.0 Meters	1090 Kc	275.2 Meters	1370 Kc	218.9 Meters
XFG	Mexico, D. F.	XETW	Mexico, D. F.	XEA	Guadalajara, Guad.	XEAI	Mexico City	XEFV	Chihuahua, Chih.
665 Kc	451.1 Meters	840 Kc	434.8 Meters	XEAF	Mexicali	1100 Kc	272.7 Meters	XEFZ	Mexico, D. F.
XEF	Villa, Acuna, Coah.	XETH	Puebla, Puebla	XEC	Toluca, Mex.	XETA	Mexico, D. F.	1380 Kc	217.3 Meters
690 Kc	434.7 Meters	855 Kc	350.8 Meters	XEFE	Nuevo Laredo, Tamps.	1132 Kc	265.0 Meters	XETB	Torreón, Coah.
XET	Monterey, N. L.	XEFD	Tia Juana, B. C.	XEFI	Chihuahua, Chih.	XEH	Monterey, N. L.	1450 Kc	206.2 Meters
		860 Kc	348.8 Meters	XEFJ	Monterrey, N. L.	1155 Kc	259.7 Meters	XEAB	Nuevo Laredo, Tamps.
		XFX	Mexico, D. F.	XEFS	Queretero, Qro.	XED	Guadalajara, Guad.		

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