



• RCA RADIOTRON •
RADIO LOG



LOOK INSIDE THE RADIO CABINET BEFORE YOU BUY

WHEN you buy one of the fine new radio sets now being offered, be sure that you look at the tubes before you purchase it. Make sure that the set you buy is equipped with RCA Radiotrons.

For years leading set manufacturers have recommended that you use RCA Radiotrons in order that you may get out of your set everything they have built into it. Don't gamble with your radio enjoyment. Make certain that your new set is delivered equipped with RCA Radiotrons—the standard tubes of the industry.

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Harrison, N. J.



JACK FOSTER

The RCA RADIOTRON Radio Log

*With Biographical Sketches by Jack Foster,
Radio Editor, New York World-Telegram*

IT HAS been the aim of the publishers of this Radio Log to give you information which will enable you to better enjoy the marvels of radio.

In addition to a complete cross indexed listing of all broadcasting stations on the North American Continent, as well as the principal short-wave stations of the world, this Radio Log has many other features, not the least of which are the biographical sketches of the leading radio artists.

These authentic sketches are by Jack Foster, Radio Editor of the New York World-Telegram. Few writers know as intimately as does Jack Foster the lives of those we hear each night on the air. These sketches will enable you to know your favorite artists.

The RCA Radiotron Radio Log

United States Broadcasting Stations

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|------------------------------------|-------------|-------------|----------------|-----------------------|
| WAAB | Quincy, Mass..... | | 1410 | | 550 KC WGR |
| WAAF | Chicago, Ill..... | 500 | 920 | | Buffalo, N. Y. |
| WAAM | Newark, N. J..... | 2000 | 1250 | | 550 KC WKRC |
| | Shares with WGCP- WODA | | | | Cincinnati, Ohio |
| WAAT | Jersey City, N. J. | 300 | 940 | | 550 KC KFUO |
| WAAW | Omaha, Nebr..... | 500 | 660 | | Clayton, Mo. |
| WABC | New York City..... | 5000 | 860 | | 550 KC KSD |
| WBOQ | | | | St. Louis, Mo. | |
| WABI | Bangor, Me..... | 100 | 1200 | | 550 KC KFDY |
| WABO | (See WHEC-WABO) | | | | Brookings, S. Dak. |
| WHEC | | 550 KC KFYR | | | |
| WABZ | New Orleans, La..... | 100 | 1200 | | Bismarck, N. Dak. |
| | Shares with WJBW | | | | 550 KC KOAC |
| WACO | Waco, Tex..... | 1000 | 1240 | | Corvallis, Oreg. |
| | Shares with KTAT | | | | 560 KC WLIT |
| WADC | Tallmadge, Ohio..... | 1000 | 1320 | | Philadelphia, Pa. |
| WAGM | Mars Hill, Me..... | 100 | 1420 | | 560 KC WFI |
| WAIU | Columbus, Ohio..... | 500 | 640 | | Philadelphia, Pa. |
| WALR | Zanesville, Ohio..... | 100 | 1210 | | 560 KC WQAM |
| WAPI | Birmingham, Ala. | 5000 | 1140 | | Miami, Fla. |
| | Shares with KVOO | | | | 560 KC KFDM |
| WASH | Grand Rapids, Mich.. | 500 | 1270 | | Beaumont, Tex. |
| | Shares with WOOD | | | | 560 KC WNOX |
| WAWZ | Zarephath, N. J. | 250 | 1350 | | Knoxville, Tenn. |
| | Shares with WCDA, WMSG and WBNX | | | | 560 KC WIBO |
| WBAA | W. Lafayette, Ind. | 1000 | 1400 | | Chicago, Ill. |
| | Shares with WCMA- WKBF | | | | 560 KC WPCC |
| WBAK | Harrisburg, Pa..... | 1000 | 1430 | | Chicago, Ill. |
| | Shares with WHP- WCAH | | | | 560 KC KLZ |
| | | | | | Denver, Colo. |
| | | | | | 560 KC KTAB |
| | | | | | San Francisco, Calif. |
| | | | | | 570 KC WNYC |
| | | | | | New York, N. Y. |
| | | | | | 570 KC WMCA |
| | | | | | New York, N. Y. |

RCA Radiotrons—the preference of radio experts

Studio Slang—A Colorful New Language

The early pioneer days in radio broadcasting created many new expressions, some vagrant, some unpopular. Many of them were short lived. But there are many slang words and phrases now recognized, widely used and readily understood by production men, announcers, and studio engineers.

Here is an interesting list of some of the words, each with its singular meaning:

"Adenoid tenor:" one with a "tight" voice.

"Announcer's delight:" sarcastically applied to the announcer's control box in the studio, a complex instrument with rows of lights.

"Birdie:" the tweet-tweet sound occasionally encountered on long-distance transmission lines.

"Blasty:" the blasting sound, too much volume.

"Bug juice:" a term describing carbon tetrachloride.

"Bugs:" trouble in equipment caused by something not immediately obvious.

"Cans:" headphones.

"Corn fed:" when the performance of either a singer or instrumentalist lacks culture.

"Cross-fire:" Morse telegraph codes picked up by program lines.

"Cross-talk:" conversation picked up from a foreign source.

"Cross-tone:" foreign tones picked up.

"Down in the mud:" a very low reproduction volume.

"Electrical transcription:" broadcasting a program recorded on a record.

"Fade in" or "fade out:" gradual reduction or increase in volume, respectively.

"Fighting the music:" lacking ease in singing.

"Fill in:" those who stand by to go on the air in case a program change must be made.

"Final shot:" the last test of a program originating outside the main studio.

"Fuzzy:" a voice lacking in clarity.

"Gelatine tenor:" one with vibrato or tremolo in his voice.

"Haywire:" relates to equipment in poor condition.

"Hold it down:" an order directed to studio engineer to reduce the volume.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|--|-------------|-------------|--------------|---|
| WBAL | Baltimore, Md. Shares with WTIC | 10000 | 1060 | | 570 KC WSYR- WMAC |
| WBAP | Fort Worth, Tex. Shares with WFAA | 10000 | 800 | | Syracuse, N. Y. 570 KC WKBN |
| WBAX | Wilkes-Barre, Pa. Shares with WJBU | 100 | 1210 | | Youngstown, Ohio 570 KC WEOA |
| WBBC | Brooklyn, N. Y. Shares with WCGU- WLTH-WFOX | 500 | 1400 | | Columbus, Ohio 570 KC WWNC Asheville, N. C. |
| WBBL | Richmond, Va. | 100 | 1210 | | 570 KC KGKO Wichita Falls, Tex. |
| WBMM } WJBT } | Chicago, Ill. Shares with KFAB | 25000 | 770 | | 570 KC WNAX Yankton, S. Dak. |
| WBBR | Brooklyn, N. Y. Shares with WHAZ- WHAP-WEVD | 1000 | 1300 | | 570 KC KXA Seattle, Wash. |
| WBBZ | Ponca City, Okla. | 100 | 1200 | | 570 KC KMTR Los Angeles, Calif. |
| WBCM | Bay City, Mich. | 500 | 1410 | | 580 KC WTAG Worcester, Mass. |
| WBCN | (See WENR) | | | | 580 KC WOBW Charleston, W. Va. |
| WBEN | Buffalo, N. Y. | 1000 | 900 | | 580 KC WSAZ Huntington, W. Va. |
| WBEO | Marquette, Mich. | 100 | 1310 | | 580 KC KGFX Pierre, S. Dak. |
| WBGF | Glens Falls, N. Y. | 50 | 1370 | | 580 KC WIBW Topeka, Kans. |
| WBHS | Huntsville, Ala. | 50 | 1200 | | 580 KC KSAC Manhattan, Kans. |
| WBIG | Greensboro, N. C. | 500 | 1440 | | 590 KC WEEI Boston, Mass. |
| WBIS } WNAC } | (See WNAC-WBIS) | | | | 590 KC WKZO Berrien Springs, Mich. |
| WBMS | Hackensack, N. J. Shares with WNJ- WKBO-WHOM | 250 | 1450 | | 590 KC WCAJ Lincoln, Nebr. |
| WBNX | New York City. Shares with WAWZ- WMSG-WCDA | 250 | 1350 | | 590 KC WOW Omaha, Nebr. |
| WBOQ } WABC } | (See WABC-WBOQ) | | | | 590 KC KHQ Spokane, Wash. |
| WBOW | Terre Haute, Ind. | 100 | 1310 | | 600 KC WCAC Storrs, Conn. |
| WBRC | Birmingham, Ala. | 1000 | 930 | | 600 KC WCAO Baltimore, Md. |
| WBRE | Wilkes-Barre, Pa. | 100 | 1310 | | 600 KC WGBS New York, N. Y. |
| WBSO | Needham, Mass. | 500 | 920 | | |
| WBT | Charlotte, N. C. | 5000 | 1080 | | |

*When experts agree on RCA Radiotrons—why
take chances?*

Studio Slang—A Colorful New Language

(Continued)

"Hot switch:" a rapid program transfer from one point of origin to another.

"Killie loo bird:" a flighty coloratura soprano who sings with a florid style.

"Line hits:" when overhead transmission wires contact accidentally, usually during storms.

"Lock jaw:" the voice of one who sings as if tired.

"Nemo:" programs originating outside of studio.

"Nervous baritone:" one who over-emphasizes the dramatic effect.

"Old sexton:" a bass with a sepulchral voice.

"On the beach:" out of a job, unemployed.

"On the log:" an entry in the studio record, complimentary or otherwise.

"On the nose:" a radio program executed according to schedule.

"On the pipe:" answer the telephone.

"Peaks" or "kicks:" the maximum point of the needle swing on a volume indicator.

"Riding gain:" keeping program volume within practicable limits.

"Scratches:" a noise caused by faulty equipment.

"Scooper:" A singer, usually a contralto, who slides up and down the scale without distinguishing clearly between notes.

"Short voice:" one with a limited range.

"Standby:" a warning to get ready to take the air.

"Standbys:" alternatives for programs on the air.

"Sour" or "blue:" voice or instrument off pitch.

"Talking in his beard:" a muffled voice.

"The King:" the engineer on duty at the master control desk who supervises all operations.

"Thick:" when the individual instruments in a group selection are not distinguishable.

"Throne:" master control desk.

"Town crier:" one who sings too loud.

"Up three miles:" indicates very high amount of units or volume of reproduction.

"Wooden voice:" lacks clarity and expression.

"Woof:" a word used frequently in making tests, but having no meaning.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|--|-------------|-------------|--------------|--|
| WBTM | Danville, Va Shares with WLVA | 100 | 1370 | | 600 KC WREC WOAN |
| WBZ | Springfield, Mass. Shares with WBZA | 15000 | 990 | | 600 KC WMT Memphis, Tenn. Waterloo, Iowa |
| WBZA | Boston, Mass. Shares with WBZ | 500 | 990 | | 600 KC KFSD San Diego, Calif. |
| WCAC | Storrs, Conn. Shares with WGBS | 250 | 600 | | 610 KC WJAY Cleveland, Ohio |
| WCAD | Canton, N. Y. | 500 | 1220 | | 610 KC WFAN Philadelphia, Pa. |
| WCAE | Pittsburgh, Pa. | 1000 | 1220 | | 610 KC WIP |
| WCAH | Columbus, Ohio. Shares with WHP- WBAK | 500 | 1430 | | 610 KC WDAF Kansas City, Mo. |
| WCAJ | Lincoln, Nebr. Shares with WOW | 500 | 590 | | 610 KC KFRC San Francisco, Calif. |
| WCAL | Northfield, Minn. Shares with KFMX- WRHM-WLB | 1000 | 1250 | | 620 KC WLBZ Bangor, Me. 620 KC WFLA- WSUN |
| WCAM | Camden, N. J. Shares with WOAX- WCAP | 500 | 1280 | | 620 KC WTMJ Clearwater, Fla. Milwaukee, Wis. |
| WCAO | Baltimore, Md. | 250 | 600 | | 620 KC KGW Portland, Oreg. |
| WCAP | Asbury Park, N. J. Shares with WCAM- WOAX | 500 | 1280 | | 620 KC KTAR Phoenix, Ariz. 630 KC WMAL |
| WCAT | Rapid City, S. D. | 100 | 1200 | | 630 KC WOS Washington, D. C. |
| WCAU | Philadelphia, Pa. | 10000 | 1170 | | 630 KC KFRU Jefferson City, Mo. |
| WCAX | Burlington, Vt. Shares with WNBX | 100 | 1200 | | 630 KC WGBF Columbia, Mo. |
| WCAZ | Carthage, Ill. | 50 | 1070 | | 640 KC WAIU Evansville, Ind. Columbus, Ohio |
| WCBA | Allentown, Pa. Shares with WSAN | 250 | 1440 | | 640 KC WOI Aines, Iowa |
| WCBD | Zion, Ill. Shares with WMBI | 5000 | 1080 | | 640 KC KFI Los Angeles, Calif. |
| WCBM | Baltimore, Md. | 250 | 1370 | | 650 KC WSM Nashville, Tenn. |
| WCBS | Springfield, Ill. Shares with WTAX | 100 | 1210 | | 650 KC KPCB |
| WCCO | Minneapolis, Minn. | 7500 | 810 | | Seattle, Wash. |

*Progress in the radio art is measured by the
development of RCA Radiotrons*

BEN BERNIE

AND now we're going to talk about the "Old Maestro"—Ben Bernie. Of

course, you've already heard his incessant and pleasing wise-cracking which punctuates his weekly broadcast over a Columbia network. This, probably more than anything else, has made him one of our most popular band leaders.

At seventeen, his novel sales talk to a customer who came to buy a violin at the music store where Ben worked resulted in his signing a vaudeville contract. And he changed his real name, Ancel, to Bernie. He had learned to play the violin at the age of six, in his father's blacksmith shop beneath Brooklyn Bridge, and at 13 gave a concert in Carnegie Hall. But his father insisted that he study to be an engineer and this resulted in several years at Columbia University School of Mines and Engineering and at Cooper Institute. The mistake of this soon became evident and then Bernie went into vaudeville. His first partner in a three-a-day act was Phil Baker and they played together from 1910 until the World War.

Admiration for Paul Whiteman inspired him to become a band leader while he was playing vaudeville alone, doing violin solos and monologue. Paul was playing at the famous old Palais Royale in New York at the time.

But it is his smart-cracking, his deft skill at kidding himself, his band, his Pat Kennedy, the whole world, that has made him such a pleasant radio companion. One of his brightest yarns he told the other day after his Blue Ribbon Malt program. It seems that Ben was ready to tee off for the third hole in his daily golf match when an excited individual rushed up to him.

"Pardon me, sir," said the E. I. "Do you mind if I play through? I've just heard that my wife has been taken seriously ill."



UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|---|-------------|-------------|--------------|---|
| WCDA | New York City..... Shares with WBNX- WMSG-WAWZ | 250 | 1350 | | 660 KC WEAF New York, N. Y. 660 KC WAAW Omaha, Nebr. |
| WCFL | Chicago, Ill..... | 1500 | 970 | | 670 KC WMAQ Chicago, Ill. |
| WCGU | Brooklyn, N. Y..... Shares with WLTH- WBBC-WFOX | 500 | 1400 | | 680 KC WPTF Raleigh, N. C. |
| WCHI | Chicago, Ill..... Shares with WJAZ- WCKY | 5000 | 1490 | | 680 KC KFEQ St. Joseph, Mo. 680 KC KPO San Francisco, Calif. |
| WCKY | Covington, Ky..... Shares with WCHI- WJAZ | 500 | 1490 | | 700 KC WLW Cincinnati, Ohio |
| WCLB | Brooklyn, N. Y..... Shares with WWRL- WLBX-WMBQ | 100 | 1500 | | 710 KC WOR Newark, N. J. 720 KC WGN- WLIP |
| WCLO | Janesville, Wis..... | 100 | 1200 | | Chicago, Ill. |
| WCLS | Joliet, Ill..... Shares with WKBB | 100 | 1310 | | 740 KC WSB Atlanta, Ga. |
| WCMA | Culver, Ind..... Shares with WBAA- WKBF | 500 | 1400 | | 740 KC KMMJ Clay Center, Nebr. 750 KC WJR Detroit, Mich. |
| WCOA | Pensacola, Fla..... | 500 | 1340 | | 760 KC WJZ New York, N. Y. |
| WCOC | Meridian, Miss..... | 1000 | 880 | | 760 KC WEW St. Louis, Mo. |
| WCOD | Harrisburg, Pa..... Shares with WKJC | 100 | 1200 | | 760 KC KVI Tacoma, Wash. |
| WCOH | Yonkers, N. Y..... Shares with WJBI- WGBB-WMRJ | 100 | 1210 | | 770 KC KFAB Lincoln, Nebr. |
| WCRW | Chicago, Ill..... Shares with WSBC- WEDC | 100 | 1210 | | 770 KC WBBM- WJBT Chicago, Ill. |
| WCSC | Charleston, S. C..... | 500 | 1360 | | 780 KC WEAN Providence, R. I. |
| WCSH | Portland, Me..... | 1000 | 940 | | 780 KC WTAR- WPOR Norfolk, Va. |
| WDAE | Tampa, Fla..... | 1000 | 1229 | | 780 KC WMC Memphis, Tenn. |
| WDAF | Kansas City, Mo..... | 1000 | 610 | | 780 KC KELW Burbank, Calif. |
| WDAG | Amarillo, Tex..... Shares with KGRS | 250 | 1410 | | 780 KC KTM Los Angeles, Calif. |
| WDAH | El Paso, Tex..... Shares with KISM | 100 | 1310 | | |

Every RCA Radictron is thoroughly tested before it is enclosed in the Red and Black carton

RUSS COLUMBO



ALTHOUGH his real name is Ruggiero Eugenio di Rodolpho Colombo, you probably know him as "Russ" and have heard a lot of people talking about him by now. Since he came to New York from the West Coast and signed with NBC September 5, 1931, his rise to radio popularity has been nothing short of miraculous. Probably the best known of his tunes is his theme song "You Call It Madness" which he wrote in collaboration with Con Conrad.

Russ started out in life to become a violinist. By the time he was sixteen he was playing at concerts, and when the family moved from San Francisco to Los Angeles a year later he joined an orchestra, playing and singing at the Mayfair Hotel there. For several years he played at hotels and in movie palaces, ending up at the Cocomanut Grove in the Ambassador Hotel. He left there for Paramount where he played second leads and doubled in numerous pictures with stars such as Gary Cooper and Lupe Velez. Later, he opened his own club in Los Angeles, The Pyramid, and after four weeks of success in that venture met Conrad, who persuaded him to come East.

The rest is history. Numerous theatrical offers as well as refusals grew insignificant after an audition at NBC. After a four-week try-out his fan mail grew beyond all expectations, and a year's contract was the result. Off the air, Russ is a rather shy person, not yet able to comprehend his success. He's five feet eleven inches and weighs 175 pounds. Dark eyes and sleek black hair betray his Latin inheritance. He prefers grand opera to any music, Stravinsky being his favorite composer. He likes to read, particularly the poetry of Longfellow and Poe. His greatest worry is that he might fall in love. How old is he? Born January 14, 1905. Figure it out for yourself.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|--|-------------|-------------|--------------|----------------------------------|
| WDAY | Fargo, N. Dak..... | 1000 | 940 | 790 KC | WGY Schenectady, N. Y. |
| WDBJ | Roanoke, Va..... | 500 | 930 | 790 KC | KGO San Francisco, Calif. |
| WDBO | Orlando, Fla..... | 1000 | 1120 | 800 KC | WBAP Fort Worth, Tex. |
| WDEL | Wilmington, Del..... | 350 | 1120 | 800 KC | WFAA Dallas, Tex. |
| WDEV | Waterbury, Vt..... | 50 | 1420 | 810 KC | WPCH New York, N. Y. |
| WDGY | Minneapolis, Minn... Shares with WHDI | 1000 | 1180 | 810 KC | WCCO Minneapolis, Minn. |
| WDIX | Tupelo, Miss..... | 100 | 1500 | 820 KC | WHAS Louisville, Ky. |
| WDOD | Chattanooga, Tenn... | 2500 | 1280 | 830 KC | WEEU Reading, Pa. |
| WDRC | Hartford, Conn..... | 500 | 1330 | 830 KC | WHDH Boston, Mass. |
| WDSU | New Orleans, La..... | 1000 | 1250 | 830 KC | WRUF Gainesville, Fla. |
| WDWF } WLSI } | Providence, R. I..... Shares with WPAW | 100 | 1210 | 850 KC | KOA Denver, Colo. |
| WDZ | Tuscola, Ill..... | 100 | 1070 | 850 KC | KWKH Shreveport, La. |
| WEAF | New York City..... | 50000 | 660 | 850 KC | WWL New Orleans, La. |
| WEAI | Ithaca, N. Y..... | 1000 | 1270 | 860 KC | WABC- WBOQ New York, N. Y. |
| WEAN | Providence, R. I..... | 500 | 780 | 860 KC | WHB Kansas City, Mo. |
| WEAO | Columbus, Ohio..... Shares with WKBN | 750 | 570 | 860 KC | KMO Tacoma, Wash. |
| WEBC | Superior, Wis..... | 2500 | 1290 | 870 KC | WLS Chicago, Ill. |
| WEBQ | Harrisburg, Ill..... Shares with KFVS | 100 | 1210 | 870 KC | WENR- WBCN Chicago, Ill. |
| WEBR | Buffalo, N. Y..... | 200 | 1310 | 880 KC | WGBI Scranton, Pa. |
| WEDC | Chicago, Ill..... Shares with WCRW- WSBC | 100 | 1210 | 880 KC | WQAN Scranton, Pa. |
| WEDH | Erie, Pa..... | 100 | 1420 | 880 KC | WCOC Meridian, Miss. |
| WEEI | Boston, Mass..... | 1000 | 590 | 880 KC | WSUI Iowa City, Iowa |
| WEEU | Reading, Pa..... | 1000 | 830 | | |
| WEHC | Emory, Va..... | 250 | 1200 | | |
| WEHS | Evanston, Ill..... Shares with WKBI WHFC | 100 | 1420 | | |
| WELK | Philadelphia, Pa..... | 250 | 1370 | | |
| WELL | Battle Creek, Mich.. | 50 | 1420 | | |

RCA Radiotrons—the hallmark of a good radio set

PHIL COOK

OPEN your booklet at this page and read this portrait the next time you're listening to the Quaker Crackels Man:



Phil was born in Coldwater, Mich., thirty-one years ago. So, of course, he came to New York. He twists a nifty blond mustache and peers at you through round blue eyes. He's known as the "Lon Chaney of the Air" because of his repertoire of roles. He says it's hardest to impersonate an Irishman and easiest to impersonate an old man. He learned how to impersonate an Italian by talking to a bootblack.

It's really quite by chance that Phil now is one of the air's highest paid wits. Three years ago, after a number of discouragements, he had about decided to give up broadcasting. But, on second thought, he chose to stick at it a little longer and a lucky break brought him several Fleischmann contracts, and later, the Aunt Jemima Pancake and Crackels accounts.

He's married and has a daughter, Phyllis, a little over a year old. He met Flo Helmar in the eighth grade in East Orange, N. J., where he had been brought as a lad to live, and when she was 21 and he 23, they were married. Their home is in Avon, N. J., and it's his greatest sorrow that his work is so exacting he seldom has a chance to go home except on week-ends.

Seldom does he take fewer than six characters during a broadcast. He apologizes for all his jokes, but the listeners write to rave about how consistently amusing he is. He hopes one day to be financially able to retire and devote all his time to his hobby—painting magazine covers.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|--------------------------------|-------------|-------------|--------------|---------------------------------------|
| WENR } WBCN } | Chicago, Ill..... | 50000 | 870 | | 880 KC KLX Oakland, Calif. |
| | Shares with WLS | | | | 880 KC KPOF Denver, Colo. |
| WEPS } WORC } | (See WORC-WEPS) | | | | 880 KC KFKA Greeley, Colo. |
| WEVD | New York City..... | 500 | 1300 | | 890 KC WJAR Providence, R. I. |
| | Shares with WBBR- WHAP-WHAZ | | | | 890 KC WKAQ San Juan, P. R. |
| WEW | St. Louis, Mo..... | 1000 | 760 | | 890 KC WMMN Fairmont, W. Va. |
| WEXL | Royal Oak, Mich.... | 50 | 1310 | | 890 KC WGST Atlanta, Ga. |
| WFAA | Dallas, Tex..... | 50000 | 800 | | 890 KC KGJF Little Rock, Ark. |
| | Shares with WBAP | | | | 890 KC WILL Urbana, Ill. |
| WFAM | La Porte, Ind..... | 100 | 1200 | | 890 KC KUSD Vermillion, S. Dak. |
| WFAN | Philadelphia, Pa..... | 500 | 610 | | 890 KC KFNF Shenandoah, Iowa |
| | Shares with WIP | | | | 900 KC WBEN Buffalo, N. Y. |
| WFBC | Knoxville, Tenn.... | 50 | 1200 | | 900 KC WKY Oklahoma City, Okla |
| WFBE | Cincinnati, O..... | 250 | 1200 | | 900 KC WJAX Jacksonville, Fla. |
| WFBG | Altoona, Pa..... | 100 | 1310 | | 900 KC WLBL Stevens Point, Wis. |
| | Shares with WJAC | | | | 900 KC KHJ Los Angeles, Calif. |
| WFBL | Syracuse, N. Y..... | 1000 | 1360 | | 900 KC KSEI Pocatello, Idaho |
| WFBM | Indianapolis, Ind.... | 1000 | 1230 | | 900 KC KGBU Ketchikan, Alaska |
| | Shares with WSBT | | | | 920 KC WBSO Needham, Mass. |
| WFBR | Baltimore, Md..... | 500 | 1270 | | 920 KC WWJ Detroit, Michigan |
| WDFD | Flint, Mich..... | 100 | 1310 | | 920 KC KPRC Houston, Texas |
| WFDV | Rome, Ga..... | 100 | 1310 | | 920 KC WAAF Chicago, Ill. |
| WFDW | Talledega, Ala..... | 100 | 1420 | | 920 KC KOMO Seattle, Wash. |
| WFEA | Manchester, N. H.... | 500 | 1430 | | |
| WFI | Philadelphia, Pa..... | 500 | 560 | | |
| | Shares with WLIT | | | | |
| WFIW | Hopkinsville, Ky.... | 1000 | 940 | | |
| WFLA } WSUN } | Clearwater, Fla..... | 2500 | 620 | | |
| WFOX | Brooklyn, N. Y..... | 500 | 1400 | | |
| | Shares with WCGU- WLTH-WBBC | | | | |
| WGAL | Lancaster, Pa..... | 100 | 1310 | | |
| | Shares with WRAW | | | | |
| WGAR | Cleveland, O..... | 500 | 1450 | | |

RCA Radiotrons—standard for every use



COON-SANDERS

IN THE first place, they're two men and they're not colored, though the band was probably the first to introduce Negro spirituals. Carlton Coon, pictured at the left, hammers the drums and Joe Sanders tickles the ivories and sings through a megaphone. They've come to the Hotel New Yorker after having swept the Middlewest for over ten years with their ecstatic melodies and tomfoolery.

You veteran tuners will fondly recall them as the old Kansas City Night Hawks who held forth with their nonsense from station WDAF. Remember their mad antics, their vociferous music, their dinner bell that initiated a new member to the sleepless fraternity? Well, this was 'round about 1922 when squealing single circuit sets were coming into existence, but it was in 1918 that they joined to form their first orchestra. They were in uniform then and after being honorably discharged they moved into Kansas City's Muehlebach Hotel with a five-piece outfit.

Their immediate popularity rocketed them into the Newman Theatre there where they played for seventy-two consecutive weeks. They also barnstormed throughout the Middlewest. In Chicago they played at three different clubs before finally settling down at the Blackhawk where they stayed for five consecutive years.

Both are athletic. Coon, who studied medicine at Kansas University, played on the football varsity. Sanders was a ball player and rated Robert L. Ripley's "Believe It or Not" cartoon by striking out twenty-seven men in a regulation nine-inning game.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|-----------------|---|-------------|-------------|--------------|---|
| WGBB | Freeport, N. Y. Shares with WJBI- WCOH-WMRJ | 100 | 1210 | | 920 KC KFEL Denver, Colo. |
| WGBC | Memphis, Tenn. Shares with WNBR | 500 | 1430 | | 920 KC KFXF Denver, Colo. |
| WGBF | Evansville, Ind. Shares with WOS- KFRU | 500 | 630 | | 930 KC WIBG Elkins Park, Pa. |
| WGBI | Scranton, Pa. Shares with WQAN | 250 | 880 | | 930 KC WDBJ Roanoke, Va. |
| WGBS | New York City. Shares with WCAC | 500 | 600 | | 930 KC WBRC Birmingham, Ala. |
| WGCM | Gulfport, Miss. | 100 | 1210 | | 930 KC KGBZ York, Nebr. |
| WGCP | Newark, N. J. Shares with WODA- WAAM | 250 | 1250 | | 930 KC KMA Shenandoah, Iowa |
| WGES | Chicago, Ill. Sunday Shares with WJKS | 500 1000 | 1360 | | 930 KC KFWI San Francisco, Calif. |
| WGH | Newport News, Va. . . . | 100 | 1310 | | 930 KC KROW Oakland, Calif. |
| WGL | Ft. Wayne, Ind. | 100 | 1370 | | 940 KC WAAT Jersey City, N. J. |
| WGMS } WLB } | (See WLB-WGMS) | | | | 940 KC WCSH Portland, Me. |
| WGN } WLIB } | Chicago, Ill. | 25000 | 720 | | 940 KC WFIW Hopkinsville, Ky. |
| WGR | Buffalo, N. Y. | 1000 | 550 | | 940 KC WHA Madison, Wis. |
| WGST | Atlanta, Ga. Shares with WMAZ | 500 | 890 | | 940 KC WDAY Fargo, N. Dak. |
| WGY | Schenectady, N. Y. . . . | 50000 | 790 | | 940 KC KOIN Portland, Oreg. |
| WHA | Madison, Wis. | 750 | 940 | | 940 KC KGU Honolulu, Hawaii |
| WHAD | Milwaukee, Wis. Shares with WISN | 250 | 1120 | | 950 KC WRC Washington, D. C. |
| WHAM | Rochester, N. Y. | 5000 | 1150 | | 950 KC KMBC Kansas City, Mo. |
| WHAP | New York City Shares with WBBR- WEVD-WHAZ | 1000 | 1300 | | 950 KC KFWB Hollywood, Calif. |
| WHAS | Louisville, Ky. | 10000 | 820 | | 950 KC KGHL Billings, Mont. |
| WHAT | Philadelphia, Pa. Shares with WTEL | 100 | 1310 | | 970 KC WCFL Chicago, Ill. |
| | | | | | 970 KC KJR Seattle, Wash. |
| | | | | | 980 KC KDKA Pittsburgh, Pa. |

*A radio set can be no better than its vacuum tubes—
Use RCA Radiotrons*

BING CROSBY



MEET Bing Crosby—one of radio's newest personalities. His parents christened him Harry, but his fondness for playing Indian and cowboy games, wherein he used to shout "Bing! Bing!" as imaginary bullets felled his companions, brought him his nickname. He's only 27 and promises to become one of radio's better liked entertainers.

The Crosby style of rendering popular song hits already has caused innumerable controversies. But there's no denying that the California boy started something when he accepted an offer from a Los Angeles booking office in 1926.

Since that time he has appeared in theaters throughout this country as well as in Mexico and Canada. He first attracted sensational attention when he worked with Paul Whiteman and the Rhythm Boys in the Coconut Grove, Los Angeles, a few years ago.

It was the success of his records, particularly, which caused the great bidding for his services when he bounced into New York last summer. The NBC and Columbia made spirited offers and counter-offers until Columbia finally had its way at \$1500 a week, the largest sum ever paid for a sustaining artist. Despite the fact that he was hampered by a nasty dose of laryngitis during his early New York broadcasts, he has been signed by Cremo under a long-time contract.

Bing is five feet nine inches tall and weighs 165 pounds. His eyes are blue and twinkling and his hair is brown. He speaks in a husky voice. So seriously does he take his broadcasting that often he rehearses an hour for a fifteen-minute program. His favorite conductor is Toscanini. Attends the movies frequently and Doug Fairbanks, Jr., is his favorite flicker actor. Golf is his favorite sport and he always wears a lemon yellow scarf.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|---|-------------|-------------|--------------|--|
| WHAZ | Troy, N. Y..... Shares with WBBR- WHAP-WEVD | 500 | 1300 | | 990 KC WBZ Springfield, Mass. 990 KC WBZA Boston, Mass. |
| WHB | Kansas City, Mo. | 500 | 860 | | 1000 KC WHO Des Moines, Iowa |
| WHBC | Canton, Ohio. Shares with WNBO Sundays | 10 | 1200 | | 1000 KC WOC Davenport, Iowa |
| WHBD | Mt. Orab, Ohio. | 100 | 1370 | | 1000 KC KFVD Culver City, Calif. |
| WHBF | Rock Island, Ill. | 100 | 1210 | | 1010 KC WLAP Louisville, Ky. |
| WHBL | Sheboygan, Wis. Shares with KFLV | 500 | 1410 | | 1010 KC WQAO- WPAP |
| WHBQ | Memphis, Tenn. | 100 | 1370 | | New York, N. Y. |
| WHBU | Anderson, Ind. | 100 | 1210 | | 1010 KC WHN New York, N. Y. |
| WHBY | Green Bay, Wis. | 100 | 1200 | | 1010 KC WRNY New York, N. Y. |
| WHDF | Calumet, Mich. | 250 | 1370 | | 1010 KC KGGF South Coffeyville, Okla. |
| WHDH | Boston, Mass. | 1000 | 830 | | 1010 KC WNAD Norman, Okla. |
| WHDL | Tupper Lake, N. Y. | 100 | 1420 | | 1010 KC WIS Columbia, S. C. |
| WHEC } WABO } | Rochester, N. Y. Shares with WOKO | 500 | 1440 | | 1010 KC KQW San Jose, Calif. |
| WHFC | Cicero, Ill. Shares with WKBI- WEHS | 100 | 1420 | | 1020 KC WRAX Philadelphia, Pa. |
| WHIS | Bluefield, W. Va. | 250 | 1420 | | 1020 KC KYW- KFKX |
| WHK | Cleveland, Ohio. | 1000 | 1390 | | Chicago, Ill. |
| WHN | New York City. Shares with WRNY- WQAO-WPAP | 250 | 1010 | | 1040 KC WMAK Buffalo, N. Y. |
| WHO | Des Moines, Iowa. Shares with WOC | 5000 | 1000 | | 1040 KC WKAR East Lansing, Mich. |
| WHOM | Jersey City, N. J. Shares with WBMS- WNJ-WKBO | 250 | 1450 | | 1040 KC KTHS Hot Springs National Park, Ark. |
| WHP | Harrisburg, Pa. Shares with WBAK-WCAH | 1000 | 1430 | | 1040 KC KRLD Dallas, Tex. |
| WIAS | Ottumwa, Iowa. | 100 | 1420 | | 1050 KC KFKB Milford, Kans. |
| WIBA | Madison, Wis. | 500 | 1280 | | 1050 KC KNX Hollywood, Calif. |

Change your tubes once a year—Use RCA Radiotrons

RUSS COLUMBO



ALTHOUGH his real name is Ruggiero Eugenio di Rodolpho Columbo, you probably know him as "Russ" and have heard a lot of people talking about him by now. Since he came to New York from the West Coast and signed with NBC September 5, 1931, his rise to radio popularity has been nothing short of miraculous. Probably the best known of his tunes is his theme song "You Call It Madness" which he wrote in collaboration with Con Conrad.

Russ started out in life to become a violinist. By the time he was sixteen he was playing at concerts, and when the family moved from San Francisco to Los Angeles a year later he joined an orchestra, playing and singing at the Mayfair Hotel there. For several years he played at hotels and in movie palaces, ending up at the Cocoanut Grove in the Ambassador Hotel. He left there for Paramount where he played second leads and doubled in numerous pictures with stars such as Gary Cooper and Lupe Velez. Later, he opened his own club in Los Angeles, The Pyramid, and after four weeks of success in that venture met Conrad, who persuaded him to come East.

The rest is history. Numerous theatrical offers as well as refusals grew insignificant after an audition at NBC. After a four-week try-out his fan mail grew beyond all expectations, and a year's contract was the result. Off the air, Russ is a rather shy person, not yet able to comprehend his success. He's five feet eleven inches and weighs 175 pounds. Dark eyes and sleek black hair betray his Latin inheritance. He prefers grand opera to any music, Stravinsky being his favorite composer. He likes to read, particularly the poetry of Longfellow and Poe. His greatest worry is that he might fall in love. How old is he? Born January 14, 1905. Figure it out for yourself.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|--|-------------|-------------|--------------|----------------------------------|
| WDAY | Fargo, N. Dak..... | 1000 | 940 | 790 KC | WGY Schenectady, N. Y. |
| WDBJ | Roanoke, Va..... | 500 | 930 | 790 KC | KGO San Francisco, Calif. |
| WDBO | Orlando, Fla..... | 1000 | 1120 | 800 KC | WBAP Fort Worth, Tex. |
| WDEL | Wilmington, Del..... | 350 | 1120 | 800 KC | WFAA Dallas, Tex. |
| WDEV | Waterbury, Vt..... | 50 | 1420 | 810 KC | WPCH New York, N. Y. |
| WDGY | Minneapolis, Minn... Shares with WHDI | 1000 | 1180 | 810 KC | WCCO Minneapolis, Minn. |
| WDIX | Tupelo, Miss..... | 100 | 1500 | 820 KC | WHAS Louisville, Ky. |
| WDOD | Chattanooga, Tenn... | 2500 | 1280 | 830 KC | WEEU Reading, Pa. |
| WDRC | Hartford, Conn..... | 500 | 1330 | 830 KC | WHDH Boston, Mass. |
| WDSU | New Orleans, La..... | 1000 | 1250 | 830 KC | WRUF Gainesville, Fla. |
| WDWF } WLSI } | Providence, R. I..... Shares with WPAW | 100 | 1210 | 830 KC | KOA Denver, Colo. |
| WDZ | Tuscola, Ill..... | 100 | 1070 | 850 KC | KWKH Shreveport, La. |
| WEAF | New York City..... | 50000 | 660 | 850 KC | WWL New Orleans, La. |
| WEAI | Ithaca, N. Y..... | 1000 | 1270 | 860 KC | WABC- WBOQ New York, N. Y. |
| WEAN | Providence, R. I..... | 500 | 780 | 860 KC | WHB Kansas City, Mo. |
| WEAO | Columbus, Ohio..... Shares with WKBN | 750 | 570 | 860 KC | KMO Tacoma, Wash. |
| WEBC | Superior, Wis..... | 2500 | 1290 | 870 KC | WLS Chicago, Ill. |
| WEBQ | Harrisburg, Ill..... Shares with KFVS | 100 | 1210 | 870 KC | WENR- WBCN Chicago, Ill. |
| WEBR | Buffalo, N. Y..... | 200 | 1310 | 880 KC | WGBI Scranton, Pa. |
| WEDC | Chicago, Ill..... Shares with WCRW- WSBC | 100 | 1210 | 880 KC | WQAN Scranton, Pa. |
| WEDH | Erie, Pa..... | 100 | 1420 | 880 KC | WCOC Meridian, Miss. |
| WEEI | Boston, Mass..... | 1000 | 590 | 880 KC | WSUI Iowa City, Iowa |
| WEEU | Reading, Pa..... | 1000 | 830 | | |
| WEHC | Emory, Va..... | 250 | 1200 | | |
| WEHS | Evanston, Ill..... Shares with WKBI WHFC | 100 | 1420 | | |
| WELK | Philadelphia, Pa..... | 250 | 1370 | | |
| WELL | Battle Creek, Mich.. | 50 | 1420 | | |

RCA Radiotrons—the hallmark of a good radio set

PHIL COOK

OPEN your booklet at this page and read this portrait the next time you're listening to the Quaker Crackels Man:



Phil was born in Coldwater, Mich., thirty-one years ago. So, of course, he came to New York. He twists a nifty blond mustache and peers at you through round blue eyes. He's known as the "Lon Chaney of the Air" because of his repertoire of roles. He says it's hardest to impersonate an Irishman and easiest to impersonate an old man. He learned how to impersonate an Italian by talking to a bootblack.

It's really quite by chance that Phil now is one of the air's highest paid wits. Three years ago, after a number of discouragements, he had about decided to give up broadcasting. But, on second thought, he chose to stick at it a little longer and a lucky break brought him several Fleischmann contracts, and later, the Aunt Jemima Pancake and Crackels accounts.

He's married and has a daughter, Phyllis, a little over a year old. He met Flo Helmar in the eighth grade in East Orange, N. J., where he had been brought as a lad to live, and when she was 21 and he 23, they were married. Their home is in Avon, N. J., and it's his greatest sorrow that his work is so exacting he seldom has a chance to go home except on week-ends.

Seldom does he take fewer than six characters during a broadcast. He apologizes for all his jokes, but the listeners write to rave about how consistently amusing he is. He hopes one day to be financially able to retire and devote all his time to his hobby—painting magazine covers.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|---|-------------|-------------|--------------|---------------------------------------|
| WENR } WBCN } | Chicago, Ill. Shares with WLS | 50000 | 870 | | 880 KC KLX Oakland, Calif. |
| WEPS } WORC } | (See WORC-WEPS) | | | | 880 KC KPOF Denver, Colo. |
| WEVD | New York City. Shares with WBBR- WHAP-WHAZ | 500 | 1300 | | 880 KC KFKA Greeley, Colo. |
| WEW | St. Louis, Mo. | 1000 | 760 | | 890 KC WJAR Providence, R. I. |
| WEXL | Royal Oak, Mich. | 50 | 1310 | | 890 KC WKAQ San Juan, P. R. |
| WFAA | Dallas, Tex. Shares with WBAP | 50000 | 800 | | 890 KC WMMN Fairmont, W. Va. |
| WFAM | La Porte, Ind. | 100 | 1200 | | 890 KC WGST Atlanta, Ga. |
| WFAN | Philadelphia, Pa. Shares with WIP | 500 | 610 | | 890 KC KGJF Little Rock, Ark. |
| WFBC | Knoxville, Tenn. | 50 | 1200 | | 890 KC WILL Urbana, Ill. |
| WFBE | Cincinnati, O. | 250 | 1200 | | 890 KC KUSD Vermillion, S. Dak. |
| WFBG | Altoona, Pa. Shares with WJAC | 100 | 1310 | | 890 KC KFNF Shenandoah, Iowa |
| WFBL | Syracuse, N. Y. | 1000 | 1360 | | 900 KC WBEN Buffalo, N. Y. |
| WFBM | Indianapolis, Ind. Shares with WSBT | 1000 | 1230 | | 900 KC WKY Oklahoma City, Okla. |
| WFBR | Baltimore, Md. | 500 | 1270 | | 900 KC WJAX Jacksonville, Fla. |
| WFDF | Flint, Mich. | 100 | 1310 | | 900 KC WLBL Stevens Point, Wis. |
| WFDV | Rome, Ga. | 100 | 1310 | | 900 KC KHJ Los Angeles, Calif. |
| WFDW | Talledega, Ala. | 100 | 1420 | | 900 KC KSEI Pocatello, Idaho |
| WFEA | Manchester, N. H. | 500 | 1430 | | 900 KC KGBU Kerchikan, Alaska |
| WFI | Philadelphia, Pa. Shares with WLIT | 500 | 560 | | 920 KC WBSO Needham, Mass. |
| WFIW | Hopkinsville, Ky. | 1000 | 940 | | 920 KC WWJ Detroit, Michigan |
| WFLA } WSUN } | Clearwater, Fla. | 2500 | 620 | | 920 KC KPRC Houston, Texas |
| WFOX | Brooklyn, N. Y. Shares with WCGU- WLTJ-WBCC | 500 | 1400 | | 920 KC WAAF Chicago, Ill. |
| WGAL | Lancaster, Pa. Shares with WRAW | 100 | 1310 | | 920 KC KOMO Seattle, Wash. |
| WGAR | Cleveland, O. | 500 | 1450 | | |

RCA Radiotrons—standard for every use



COON-SANDERS

IN THE first place, they're two men and they're not colored, though the band was probably the first to introduce Negro spirituals. Carlton Coon, pictured at the left, hammers the drums and Joe Sanders tickles the ivories and sings through a megaphone. They've come to the Hotel New Yorker after having swept the Middlewest for over ten years with their ecstatic melodies and tomfoolery.

You veteran tuners will fondly recall them as the old Kansas City Night Hawks who held forth with their nonsense from station WDAF. Remember their mad antics, their vociferous music, their dinner bell that initiated a new member to the sleepless fraternity? Well, this was 'round about 1922 when squealing single circuit sets were coming into existence, but it was in 1918 that they joined to form their first orchestra. They were in uniform then and after being honorably discharged they moved into Kansas City's Muehlebach Hotel with a five-piece outfit.

Their immediate popularity rocketed them into the Newman Theatre there where they played for seventy-two consecutive weeks. They also barnstormed throughout the Middlewest. In Chicago they played at three different clubs before finally settling down at the Blackhawk where they stayed for five consecutive years.

Both are athletic. Coon, who studied medicine at Kansas University, played on the football varsity. Sanders was a ball player and rated Robert L. Ripley's "Believe It or Not" cartoon by striking out twenty-seven men in a regulation nine-inning game.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------------------------|---|-------------|-------------|--------------|---|
| WGBB | Freeport, N. Y. Shares with WJBI- WCOH-WMRJ | 100 | 1210 | | 920 KC KFEL Denver, Colo. |
| WGBC | Memphis, Tenn. Shares with WNBR | 500 | 1430 | | 920 KC KFXF Denver, Colo. |
| WGBF | Evansville, Ind. Shares with WOS- KFRU | 500 | 630 | | 930 KC WIBG Elkins Park, Pa. |
| WGBI | Scranton, Pa. Shares with WQAN | 250 | 880 | | 930 KC WDBJ Roanoke, Va. |
| WGBS | New York City. Shares with WCAC | 500 | 600 | | 930 KC WBRC Birmingham, Ala. |
| WGCM | Gulfport, Miss. | 100 | 1210 | | 930 KC KGBZ York, Nebr. |
| WGCP | Newark, N. J. Shares with WODA- WAAM | 250 | 1250 | | 930 KC KMA Shenandoah, Iowa |
| WGES | Chicago, Ill. Sunday Shares with WJKS | 500 1000 | 1360 | | 930 KC KFWI San Francisco, Calif. |
| WGH | Newport News, Va. . . . | 100 | 1310 | | 930 KC KROW Oakland, Calif. |
| WGL | Ft. Wayne, Ind. | 100 | 1370 | | 940 KC WAAT Jersey City, N. J. |
| WGMS } WLB } WGN } WLIB } | (See WLB-WGMS) | | | | 940 KC WCSH Portland, Me. |
| WGR | Buffalo, N. Y. | 1000 | 550 | | 940 KC WFIW Hopkinsville, Ky. |
| WGST | Atlanta, Ga. Shares with WMAZ | 500 | 890 | | 940 KC WHA Madison, Wis. |
| WGY | Schenectady, N. Y. . . . | 50000 | 790 | | 940 KC WDAY Fargo, N. Dak. |
| WHA | Madison, Wis. | 750 | 940 | | 940 KC KOIN Portland, Oreg. |
| WHAD | Milwaukee, Wis. Shares with WISN | 250 | 1120 | | 940 KC KGU Honolulu, Hawaii |
| WHAM | Rochester, N. Y. | 5000 | 1150 | | 950 KC WRC Washington, D. C. |
| WHAP | New York City. Shares with WBBR- WEVD-WHAZ | 1000 | 1300 | | 950 KC KMBC Kansas City, Mo. |
| WHAS | Louisville, Ky. | 19000 | 820 | | 950 KC KFWB Hollywood, Calif. |
| WHAT | Philadelphia, Pa. Shares with WTEL | 100 | 1310 | | 950 KC KGHL Billings, Mont. |
| | | | | | 970 KC WCFL Chicago, Ill. |
| | | | | | 970 KC KJR Seattle, Wash. |
| | | | | | 980 KC KDKA Pittsburgh, Pa. |

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BING CROSBY

MEET Bing Crosby—
one of radio's newest
personalities. His parents

christened him Harry, but his fondness for playing Indian and cowboy games, wherein he used to shout "Bing! Bing!" as imaginary bullets felled his companions, brought him his nickname. He's only 27 and promises to become one of radio's better liked entertainers.

The Crosby style of rendering popular song hits already has caused innumerable controversies. But there's no denying that the California boy started something when he accepted an offer from a Los Angeles booking office in 1926.

Since that time he has appeared in theaters throughout this country as well as in Mexico and Canada. He first attracted sensational attention when he worked with Paul Whiteman and the Rhythm Boys in the Cocoanut Grove, Los Angeles, a few years ago.

It was the success of his records, particularly, which caused the great bidding for his services when he bounced into New York last summer. The NBC and Columbia made spirited offers and counter-offers until Columbia finally had its way at \$1500 a week, the largest sum ever paid for a sustaining artist. Despite the fact that he was hampered by a nasty dose of laryngitis during his early New York broadcasts, he has been signed by Cremo under a long-time contract.

Bing is five feet nine inches tall and weighs 165 pounds. His eyes are blue and twinkling and his hair is brown. He speaks in a husky voice. So seriously does he take his broadcasting that often he rehearses an hour for a fifteen-minute program. His favorite conductor is Toscanini. Attends the movies frequently and Doug Fairbanks, Jr., is his favorite flicker actor. Golf is his favorite sport and he always wears a lemon yellow scarf.



UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|---|-------------|-------------|--------------|--|
| WHAZ | Troy, N. Y..... Shares with WBBR- WHAP-WEVD | 500 | 1300 | | 990 KC WBZ Springfield, Mass. 990 KC WBZA Boston, Mass. |
| WHB | Kansas City, Mo. | 500 | 860 | | 1000 KC WHO Des Moines, Iowa |
| WHBC | Canton, Ohio. Shares with WNBO Sundays | 10 | 1200 | | 1000 KC WOC Davenport, Iowa |
| WHBD | Mt. Orab, Ohio. | 100 | 1370 | | 1000 KC KFVD Culver City, Calif. |
| WHBF | Rock Island, Ill. | 100 | 1210 | | 1010 KC WLAP Louisville, Ky. |
| WHBL | Sheboygan, Wis. Shares with KFLV | 500 | 1410 | | 1010 KC WQAO- WPAP |
| WHBQ | Memphis, Tenn. | 100 | 1370 | | New York, N. Y. |
| WHBU | Anderson, Ind. | 100 | 1210 | | 1010 KC WHN New York, N. Y. |
| WHBY | Green Bay, Wis. | 100 | 1200 | | 1010 KC WRNY New York, N. Y. |
| WHDF | Calumet, Mich. | 250 | 1370 | | 1010 KC KGGF South Coffeyville, Okla. |
| WHDH | Boston, Mass. | 1000 | 830 | | 1010 KC WNAD Norman, Okla. |
| WHDL | Tupper Lake, N. Y. . . . | 100 | 1420 | | 1010 KC WIS Columbia, S. C. |
| WHEC } WABO } | Rochester, N. Y. Shares with WOKO | 500 | 1440 | | 1010 KC KQW San Jose, Calif. |
| WHFC | Cicero, Ill. Shares with WKBI- WEHS | 100 | 1420 | | 1020 KC WRAX Philadelphia, Pa. |
| WHIS | Bluefield, W. Va. | 250 | 1420 | | 1020 KC KYW- KFKX |
| WHK | Cleveland, Ohio. | 1000 | 1390 | | Chicago, Ill. |
| WHN | New York City. Shares with WRNY- WQAO-WPAP | 250 | 1010 | | 1040 KC WMAK Buffalo, N. Y. |
| WHO | Des Moines, Iowa. Shares with WOC | 5000 | 1000 | | 1040 KC WKAR East Lansing, Mich. |
| WHOM | Jersey City, N. J. Shares with WBMS- WNJ-WKBO | 250 | 1450 | | 1040 KC KTHS Hot Springs National Park, Ark. |
| WHP | Harrisburg, Pa. Shares with WBAK-WCAH | 1000 | 1430 | | 1040 KC KRLD Dallas, Tex. |
| WIAS | Ottumwa, Iowa | 100 | 1420 | | 1050 KC KFKB Milford, Kans. |
| WIBA | Madison, Wis. | 500 | 1280 | | 1050 KC KNX Hollywood, Calif. |

Change your tubes once a year—Use RCA Radiotrons

RAYMOND KNIGHT



YOU'VE heard "Station KuKu," NBC's outstanding "nut" program, but did you ever stop to picture the man who writes and directs it? He also plays the rôle of Ambrose J. Weems, chief announcer of the station. Raymond Knight is his name and if you saw him the first thing you'd notice would be his resemblance to a penguin. He's tall, solemn, and the roundness of his eyes is emphasized by horn-rimmed glasses. He's an inch and a half over six feet and has one blue eye and one gray eye. Dignity is the word you'd think of immediately on seeing him for the first time—unless you knew him "off-stage." But while he is responsible for some of the most hilarious moments on the air he is capable of producing some of the most exquisitely beautiful programs, too. Remember the radio adaptation of Oscar Wilde's "The Nightingale and the Rose"? That was adapted, directed and produced by Knight.

He was once stage manager in the famous "47 Workshop" of Professor George Pierce Baker at Harvard. When Baker transferred to Yale he went with him to complete his studies under the same guidance. In 1927 he won the Drama League's national playwriting contest for the best one-act play—"Strings"—later presented by NBC.

He was the author of "See America First" produced in 1928. This led to his engagement by NBC as a director and writer of feature presentations and continuity.

Knight carries a tin whistle with which he signals taxis—and occasionally ties up traffic as a result. He often spends hours—even days—figuring out practical jokes to spring on his friends. Children are fond of him and his first successful radio presentation was one with a child cast, "The Gold Spot Pals." He collects walking sticks and always carries one. Yes, he's married.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|---|-------------|-------------|--------------|---|
| WMBJ | Wilkes-Barre, Pa..... | 100 | 1500 | | 1210 KC WLC Ithaca, N. Y. |
| WMBO | Auburn, N. Y. | 100 | 1310 | | 1210 KC WPAW Pawtucket, R. I. |
| WMBQ | Brooklyn, N. Y..... Shares with WCLB- WWRL-WLPX | 100 | 1500 | | 1210 KC WDFW WLSI Providence, R. I. |
| WMBR | Tampa, Fla..... | 100 | 1370 | | 1210 KC WSEN Columbus, Ohio |
| WMC | Memphis, Tenn..... | 1000 | 780 | | 1210 KC WJW Mansfield, Ohio |
| WMCA | New York City..... Shares with WNYC | 500 | 570 | | 1210 KC WALR Zanesville, Ohio |
| WMMN | Fairmont, W. Va..... | 500 | 890 | | 1210 KC WBAX Wilkes-Barre, Pa. |
| WMPC | Lapeer, Mich..... | 100 | 1500 | | 1210 KC WJBU Lewisburg, Pa. |
| WMRJ | Jamaica, N. Y..... Shares with WGBB- WJBI-WCOH | 100 | 1210 | | 1210 KC WBBL Richmond, Va. |
| WMSG | New York City..... Shares with WBNX- WCDA-WAWZ | 250 | 1350 | | 1210 KC WMBG Richmond, Va. |
| WMT | Waterloo, Iowa..... | 500 | 600 | | 1210 KC WSIX Springfield, Tenn. |
| WNAC } WBIS } | Boston, Mass..... | 1000 | 1230 | | 1210 KC WSOC Gastonia, N. C. |
| WNAD | Norman, Okla..... Shares with KGGF | 500 | 1010 | | 1210 KC WJBY Gadsden, Ala. |
| WNAX | Yankton, S. D..... | 1000 | 570 | | 1210 KC WQDX Thomasville, Ga. |
| WNBK | Binghamton, N. Y.... | 100 | 1500 | | 1210 KC KGMP Elk City, Okla. |
| WNBH | New Bedford, Mass.. | 100 | 1310 | | 1210 KC WRBQ Greenville, Miss. |
| WNBO | Silver Haven, Pa..... Shares with WHBC Sundays | 100 | 1200 | | 1210 KC WGCM Gulfport, Miss. |
| WNBR | Memphis, Tenn..... Shares with WGBC | 500 | 1430 | | 1210 KC KWEA Shreveport, La. |
| WNBW | Carbondale, Pa..... | 10 | 1200 | | 1210 KC KDLR Devils Lake, N. Dak. |
| WNBX | Springfield, Vt..... Shares with WCAX | 10 | 1200 | | 1210 KC KGCR Watertown, S. Dak. |
| WNBZ | Saranac Lake, N. Y.... | 50 | 1290 | | 1210 KC KFOR Lincoln, Nebr. |
| WNJ | Newark, N. J. Shares with WBMS- WHOM-WKBO | 250 | 1450 | | 1210 KC WHBU Anderson, Ind. |
| WNOX | Knoxville, Tenn..... | 2000 | 560 | | |

To maintain high quality performance in your radio set—use RCA Radiotrons

GUY LOMBARDO

OUT of Chicago, in the fall of 1929, came Guy Lombardo with his ten-piece orchestra. Playing soft, sweet, simple melody under the colored lights of the Roosevelt Hotel Grill, he soon captured Manhattan's fickle fancy. It became the smart thing for the younger generation to gather 'round Lombardo, and for those beyond the Hudson, with many a romantic sigh, to tune him in.

Lombardo is the most popular of the young orchestra leaders to gain national prominence in the last year or so. He directs a thoroughly harmonious band; and this because the very same boys who organized it, still face the microphone together. Four of the ten lads are Lombardo brothers: Guy, Carmen, Leibert, and Victor, the latter being only 20.

Eleven years ago in London, Ont., they joined together as kids in the London Collegiate Institute. It was their interest in this orchestra and their consequent disinterest in books that caused them to part prematurely from school. Traveling a vaudeville circuit, they landed one day in Cleveland, Ohio, and, though still youngsters on the under side of 20, they accepted a supper club offer. In Cleveland they played for four years, attaining an unprecedented peak of popularity through broadcasting. They moved to Chicago, and for four years spun tunes at the Granada Cafe—now Paul Whiteman's nook. It was here that they first broadcast commercially—for Wrigley and for Florsheim Shoes. Somewhat timidly they agreed to try their melodies on exacting Manhattan. But in a few months, they had signed with Robert Burns and Radio Follies, contracts which net them \$150,000 a year.

Guy is dark, olive-skinned, a boyish appearing fellow with heavy eyebrows and a sunny way of smiling.



UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|--|-------------|-------------|--------------|---|
| WNYC | New York City Shares with WMCA | 500 | 570 | | 1210 KC KFVS Cape Girardeau, Mo. |
| WOAI | San Antonio, Tex. | 50000 | 1190 | | 1210 KC WEBQ Harrisburg, Ill. |
| WOAN } WREC } | (See WREC-WOAN) | | | | 1210 KC KGNO Dodge City, Kans. |
| WOAX | Trenton, N. J. Shares with WCAM-WCAP | 500 | 1280 | | 1210 KC WSBC Chicago, Ill. |
| WOBT | Union City, Tenn. | 250 | 1310 | | 1210 KC WCRW Chicago, Ill. |
| WOBV | Charleston, W. Va. Shares with WSAZ | 250 | 580 | | 1210 KC WEDC Chicago, Ill. |
| WOC | Davenport, Iowa Shares with WHO | 5000 | 1000 | | 1210 KC WCBS Springfield, Ill. |
| WOCL | Jamestown, N. Y. | 25 | 1210 | | 1210 KC WTAX Springfield, Ill. |
| WODA | Paterson, N. J. Shares with WGCP-WAAM | 1000 | 1250 | | 1210 KC WHBF Rock Island, Ill. |
| WODX | Mobile, Ala. Shares with WSFA | 500 | 1410 | | 1210 KC WOMT Manitowoc, Wis. |
| WOI | Ames, Iowa | 5000 | 640 | | 1210 KC WIBU Poynette, Wis. |
| WOKO | Albany, N. Y. Shares with WHEC- WABO | 500 | 1440 | | 1210 KC KMJ Fresno, Calif. |
| WOL | Washington, D. C. | 100 | 1310 | | 1210 KC KPPC Pasadena, Calif. |
| WOMT | Manitowoc, Wis. | 100 | 1210 | | 1210 KC KDFN |
| WOOD | Grand Rapids, Mich. Shares with WASH | 500 | 1270 | | Casper, Wyo. 1220 KC WCAD Canton, N. Y. |
| WOPI | Bristol, Tenn. | 100 | 1500 | | 1220 KC WCAE Pittsburgh, Pa. |
| WOQ | Kansas City, Mo. Shares with KFH | 1000 | 1300 | | 1220 KC WDAE Tampa, Fla. |
| WOR | Newark, N. J. | 5000 | 710 | | 1220 KC WREN Lawrence, Kans. |
| WORC } WEPS } | Worcester, Mass. | 100 | 1200 | | 1220 KC KFKU Lawrence, Kans. |
| WOS | Jefferson City, Mo. Shares with WGBF- KFRU | 500 | 630 | | 1220 KC KTW Seattle, Wash. |
| WOV | New York City To 6 P.M. | 1000 | 1130 | | 1220 KC KWSC Pullman, Wash. |
| WOW | Omaha, Nebr. Shares with WCAJ | 1000 | 590 | | 1230 KC WNAC- WBIS Boston, Mass. |

RCA Radiotrons set the standard for all radio tubes

OLIVE PALMER

READ these routine facts before plunging into the colorful story of Miss Palmer—nightingale of the Palmolive Hour:

Born in Louisville, Ky., at a date which she simply refuses to divulge. Began singing at the Fourth Avenue Methodist Church in that city. Her mother was a singer and her father was an accomplished pianist. She was educated at Drake University.

While down in Louisville, Miss Palmer heard that W. W. Henshaw, a nationally known impresario, was planning to revive twenty operas in New York. She decided to ask for a job. So she called New York by long distance telephone. No, Henshaw didn't think he was interested. He had to have all the roles assigned long before she could possibly reach Manhattan. It was too late for an audition. She persuaded him to listen to her over the long distance telephone. Well, she was paying for it, wasn't she? She sang the "Bell Song" from "Dinorah." And Henshaw hired her.

After appearing in these opera revivals, Miss Palmer toured Europe and made phonograph records. By this time, radio had become an important factor in the musical world. Perhaps if her voice spun along the wire, she thought, it might also strike a microphone melodiously. A single audition was sufficient to satisfy Palmolive.

Miss Palmer has brown hair and blue eyes. She smiles faintly when you congratulate her after a performance. Then she hurries away to her home in Jackson Heights, N. Y., where she lives with her parents and brother. She sings with her left hand cupped over her ear so she can hear herself. Try it yourself some time.



UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|---|-------------|-------------|--------------|--------------------------------------|
| WOWO | Ft. Wayne, Ind. Shares with WWVA | 10000 | 1160 | | 1230 KC WPSC State College, Pa. |
| WPAD | Paducah, Ky. | 100 | 1429 | | 1230 KC WSBT South Bend, Ind. |
| WPAP } WQAO } | (See WQAO-WPAP) | | | | 1230 KC WFBM Indianapolis, Ind. |
| WPAW | Pawtucket, R. I. Shares with WDFW- WLSI | 100 | 1210 | | 1230 KC KGGM Albuquerque, N. Mex. |
| WPCC | Chicago, Ill. Shares with WIBO WISJ | 500 | 560 | | 1230 KC KYA San Francisco, Calif. |
| WPCH | New York City. | 500 | 810 | | 1230 KC KFQD Anchorage, Alaska |
| WPEN | Philadelphia, Pa. | 250 | 1560 | | 1240 KC WXYZ Detroit, Mich. |
| WPG | Atlantic City, N. J. Shares with WLWL | 5000 | 1100 | | 1240 KC KTAT Fort Worth, Tex. |
| WPOE | Patchogue, N. Y. | 100 | 1370 | | 1240 KC WACO Waco, Tex. |
| WPOR } WTAR } | (See WTAR-WPOR) | | | | 1250 KC WGCP Newark, N. J. |
| WPSC | State College, Pa. | 500 | 1230 | | 1250 KC WODA Paterson, N. J. |
| WPTF | Raleigh, N. C. | 1000 | 680 | | 1250 KC WAAM Newark, N. J. |
| WQAM | Miami, Fla. | 1000 | 560 | | 1250 KC WDSU New Orleans, La. |
| WQAN | Scranton, Pa. Shares with WGBI | 250 | 880 | | 1250 KC WLB- WGMS |
| WQAO } WPAP } | New York City. Shares with WHN- WRNY | 250 | 1010 | | Minneapolis, Minn. |
| WQBC | Vicksburg, Miss. | 300 | 1360 | | 1250 KC WRHM Minneapolis, Minn. |
| WQDM | St. Albans, Vt. | 5 | 1370 | | 1250 KC KFMX Northfield, Minn. |
| WQDX | Thomasville, Ga. | 50 | 1210 | | 1250 KC WCAL Northfield, Minn. |
| WRAK | Williamsport, Pa. | 50 | 1370 | | 1250 KC KFOX Long Beach, Calif. |
| WRAM | Wilmington, N. C. | 100 | 1370 | | 1250 KC KIDO Boise, Idaho |
| WRAW | Reading, Pa. Shares with WGAL | 50 | 1310 | | 1260 KC WLBW Oil City, Pa. |
| WRAX | Philadelphia, Pa. | 250 | 1020 | | 1260 KC KWWG Brownsville, Tex. |
| WRBJ | Hattiesburg, Miss. | 10 | 1370 | | |
| WRBL | Columbus, Ga. | 50 | 1200 | | |
| WRBQ | Greenville, Miss. | 250 | 1210 | | |

There's an RCA Radiotron for every purpose

ERNO RAPEE

JET-BLACK hair, thin, slightly greater than medium height, brown eyes peering through rimless glasses—this is your picture of the General Musical Director of the National Broadcasting Co., the conductor of many important symphonic programs. Erno Rapee has the zeal of a beaver and the habits of an owl, for his radio work requires him to work late every night. His penchant for novel musical arrangements often keeps him over the score sheet until the damp gray of early morning.

Rapee was born in Budapest in 1891 and was first known as a pianist. He appeared in this capacity with many orchestras in his home town, Berlin and Vienna. After a tour of South America and Mexico, Rapee came to New York where he first played piano in an East-side restaurant. After a period as director of the Hungarian Opera Co., he was appointed conductor of the Rialto Theatre orchestra and as such met S. L. Rothafel, better known as Roxy.

This association was not broken except for brief spans until Roxy shifted to RKO and Rapee joined the NBC. With the opening of the Roxy Theatre in 1927 he became musical director of the scintillating playhouse. It was his Sunday afternoon concerts, during which he introduced much new American music, that lifted him into radio fame and made him sought after by such sponsors as Palmolive, General Motors, Mobiloil and the like.

He once flirted with the movies, actually signing a three-year contract with Warner Brothers. But he was back in New York radio life within a year and says he will devote all his energies hereafter to broadcasting.

Rapee invariably is called upon for a few words at radio parties. He admits that he gives a terrible talk. Maybe this is because always before he puts on his soup-and-fish he reads an after-dinner-speaker's handbook for gags.



UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|---|-------------|-------------|--------------|--|
| WRBX | Roanoke, Va. ½ time | 250 | 1410 | | 1260 KC WTOC Savannah, Ga. |
| WRC | Washington, D. C. . . . | 500 | 950 | | 1266 KC KRGV Harlingen, Tex. |
| WRDO | Augusta, Me. | 100 | 1370 | | 1260 KC KOH Council Bluffs, Iowa |
| WRDW | Augusta, Ga. | 100 | 1500 | | 1260 KC KVOA Tucson, Ariz. |
| WREC } WOAN } | Memphis, Tenn. | 1000 | 600 | | 1270 KC WEAI Ithaca, N. Y. |
| WREN | Lawrence, Kans. Shares with KFKU | 1000 | 1220 | | 1270 KC WFBR Baltimore, Md. |
| WRHM | Minneapolis, Minn. . . . Shares with WCAL- KFMX-WLB | 1000 | 1250 | | 1270 KC WASH Grand Rapids, Mich. |
| WRJN | Racine, Wis. | 100 | 1370 | | 1270 KC WOOD Grand Rapids, Mich. |
| WRNY | New York City. Shares with WQAO- WPAP-WHN | 250 | 1010 | | 1270 KC WJDX Jackson, Miss. |
| WROL | Knoxville, Tenn. | 100 | 1310 | | 1270 KC KWLC Decorah, Iowa |
| WRR | Dallas, Tex. | 500 | 1280 | | 1270 KC KGCA Decorah, Iowa |
| WRUF | Gainesville, Fla. | 5000 | 830 | | 1270 KC KOL Seattle, Wash. |
| WRVA | Richmond, Va. | 5000 | 1110 | | 1270 KC KVOR Colo. Springs, Colo. |
| WSAI | Cincinnati, Ohio. | 500 | 1330 | | 1280 KC WCAM Camden, N. J. |
| WSAJ | Grove City, Pa. | 100 | 1310 | | 1280 KC WCAP Asbury Park, N. J. |
| WSAN | Allentown, Pa. Shares with WCBA | 250 | 1440 | | 1280 KC WOAX Trenton, N. J. |
| WSAR | Fall River, Mass. | 250 | 1450 | | 1280 KC WDOB Chattanooga, Tenn. |
| WSAZ | Huntington, W. Va. . . . Shares with WOBV | 250 | 580 | | 1280 KC WRR Dallas, Tex. |
| WSB | Atlanta, Ga. | 5000 | 740 | | 1280 KC WIBA- WISJ Madison, Wis. |
| WSBC | Chicago, Ill. Shares with WEDC- WCRW | 100 | 1210 | | 1280 KC KFBB Great Falls, Mont. |
| WSBT | South Bend, Ind. Shares with WFBM | 500 | 1230 | | 1290 KC WNBZ Saranac Lake, N. Y. |
| WSEN | Columbus, Ohio. | 100 | 1210 | | 1290 KC WJAS Pittsburgh, Pa. |
| WSFA | Montgomery, Ala. Shares with WODX | 500 | 1410 | | |

For better radio reception—use RCA Radiotrons

SAMUEL LIONEL ROTHAFEL



FOR nearly ten years you have heard Roxy's voice on the air—that faltering, meandering, but always deeply appealing voice. For Roxy was probably the first important showman to realize that radio broadcasting one day was to become a vital entertainment factor and that, instead of clashing with the legitimate theatre, it would progress on a parallel course. In 1922 he organized "Roxy's Gang" at the Capitol Theatre—a gang of amiable song birds and exuberant instrumentalists—and immediately this became one of the most popular features on the air. This season Roxy led his Gang on an RKO tour, and soon he will become one of the showmen in that vast Rockefeller project—Radio City.

Thus, Sammy Rothafel will pass another milestone in his uphill travel through life. Sammy, you are reminded, was born in Stillwater, Minn., on July 9, 1882. When twelve years of age, his parents moved to New York where he started his career as a cash boy in a department store. As a book agent, a Marine, a coal miner in Pennsylvania, Roxy had intimate contact with many phases of life before he presented his first moving picture in 1907 at Forest City, Pa.—in a vacant storeroom. In 1913, he returned to New York where, as manager of the Regent Theatre, his originality and sure knowledge of what the people want, attracted attention. In turn, he managed the Strand, then the world's largest theatre, the Rialto and Rivoli, before his own playhouse, the Roxy Theatre, was opened.

Roxy is a generous, sentimental person. He chanced into the Walter Reed Hospital at Washington one day and supplied all patients with receiving sets. He has dreams of great power. Before him always stands a bust of Napoleon.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|------------------|--|-------------|-------------|--------------|-------------------------------|
| WSIX | Springfield, Tenn..... | 100 | 1210 | 1290 KC | KTSA San Antonio, Tex. |
| WSJS | Winston-Salem, N. C. | 100 | 1310 | 1290 KC | KFUL Galveston, Tex. |
| WSM | Nashville, Tenn..... | 5000 | 650 | 1290 KC | KLC Blytheville, Ark. |
| WSMB | New Orleans, La..... | 500 | 1320 | 1290 KC | WEBC Superior, Wis. |
| WSMK | Dayton, Ohio..... Shares with KQV | 200 | 1380 | 1290 KC | KDYL Salt Lake City, Utah. |
| WSOC | Gastonia, N. C..... | 100 | 1210 | 1300 KC | WBBR Brooklyn, N. Y. |
| WSPA | Spartanburg, S. C.... | 250 | 1420 | 1300 KC | WHAP New York, N. Y. |
| WSPD | Toledo, Ohio..... | 1000 | 1340 | 1300 KC | WEVD New York, N. Y. |
| WSUI | Iowa City, Iowa..... 3/7 time | 500 | 880 | 1300 KC | WHAZ Troy, N. Y. |
| WSUN } WFLA } | (See WFLA-WSUN) | | | 1300 KC | WIOD- WMBF Miami, Fla. |
| WSVS | Buffalo, N. Y..... | 50 | 1370 | 1300 KC | KFH Wichita, Kans. |
| WSYB | Rutland, Vt..... | 100 | 1500 | 1300 KC | KFAC Los Angeles, Calif. |
| WSYR } WMAC } | Syracuse, N. Y..... | 250 | 570 | 1300 KC | WOQ Kansas City, Mo. |
| WTAD | Quincy, Ill..... Shares with WMBD | 500 | 1440 | 1300 KC | KGEF Los Angeles, Calif. |
| WTAG | Worcester, Mass.... | 250 | 580 | 1300 KC | KFJR Portland, Oreg. |
| WTAM | Cleveland, Ohio..... | 50000 | 1070 | 1300 KC | KTBR Portland, Oreg. |
| WTAQ | Eau Claire, Wis..... Shares with KSCJ | 1000 | 1330 | 1310 KC | WKAV Laconia, N. H. |
| WTAR } WPOR } | Norfolk, Va..... | 500 | 780 | 1310 KC | WEBR Buffalo, N. Y. |
| WTAW | College Station, Tex.. Shares with KTRH | 500 | 1120 | 1310 KC | WMBO Auburn, N. Y. |
| WTAX | Springfield, Ill..... Shares with WCBS | 100 | 1210 | 1310 KC | WNBH New Bedford, Mass. |
| WTBO | Cumberland, Md..... | 250 | 1420 | 1310 KC | WOL Washington, D. C. |
| WTEL | Philadelphia, Pa..... Shares with WHAT | 50 | 1310 | 1310 KC | WGH Newport News, Va. |
| WTFI | Toccoa, Ga..... | 500 | 1450 | 1310 KC | WEXL Royal Oak, Mich. |
| WTIC | Hartford, Conn..... Shares with WBAL | 50000 | 1060 | 1310 KC | WFDF Flint, Mich. |
| WTMJ | Milwaukee, Wis..... | 2500 | 620 | | |

RCA Radiotrons—the preference of radio experts

How to Get the Most from Your Radio

- 1 Have your antenna installed by a competent service man.
- 2 Use a good ground. A cold water pipe makes the best ground. Solder the lead to it or use a standard ground clamp. If you cannot use a cold water pipe, a sheet of copper, approximately three feet square, buried in moist ground makes an excellent one. Hot water or steam radiator pipes usually will give satisfactory results.
- 3 Place the set so that the antenna and ground leads are as short as possible. If the lead-in comes through the window, place the set near the window, not on the other side of the room.
- 4 A shielded lead-in will sometimes eliminate objectionable noises.



Felt pads under a set will often aid in minimizing unpleasant noises

- 5 See that all connections are tightly made.
- 6 Allow several inches clearance between the back of the set and the wall.



If something goes wrong with your set, call in a trained service man

- 7 If possible, make the set face a doorway or drapes of some kind.
- 8 Place the set in an adjoining room. This will often make the tone more lifelike and pleasing.
- 9 More pleasing tone quality can often be obtained by insulating the set from the bare floor with small felt pads.
- 10 Sometimes reversing the plug on an a.c. set will improve reception and reduce noise. Never reverse the plug on a d.c. set.
- 11 Static and electrical disturbances can be reduced by turning the tone control to the extreme bass position.

- 12 Do not attempt to make adjustments on your set unless you are thoroughly competent to do so. The skill of a good service man is available at a reasonable cost.
- 13 If your set employs batteries, see that they are always up to the required voltages. Worn-out batteries cause noise, reduced volume, and lack of sensitivity.
- 14 If your set uses a storage battery, see that distilled water is added at regular intervals so that the liquid never falls below the top of the plates.
- 15 Do not play the set too loudly. It is less disturbing to the neighbors and you get more life-like reproduction.
- 16 Install a complete set of new RCA Radiotrons at least once each year.



It is a simple matter to renew your tubes. A set of new RCA Radiotrons will improve your present reception

RCA Radiotrons

There is an RCA Radiotron for every purpose.

When you buy radio tubes, look for the
Red and Black Carton

| | |
|----------|---|
| WD-11, | Detector Amplifier. |
| WX-12, | Detector Amplifier. |
| UX-112A, | Amplifier Detector. |
| UX-120, | Amplifier. |
| UX-171A, | Amplifier. |
| UV-199, | Detector Amplifier. |
| UX-199, | Detector Amplifier. |
| UX-200A, | Detector. |
| UX-201A, | Detector Amplifier. |
| UX-210, | Power Amplifier. |
| UX-222, | Screen-Grid Radio Frequency Amplifier. . |
| UY-224, | Screen-Grid Radio Frequency Amplifier (A.C. Heater). |
| UY-224A, | Screen-Grid Radio Frequency Amplifier (A.C. Quick Heater). |
| UX-226, | Amplifier (A.C. Filament). |
| UY-227, | Detector Amplifier (A.C. Heater). |
| RCA-230, | Detector Amplifier. |
| RCA-231, | Power Amplifier. |
| RCA-232, | Radio Frequency Amplifier. |
| RCA-233, | Power Amplifier Pentode D.C. |
| RCA-235, | Super-Control Screen-Grid Amp. |
| RCA-236, | Screen-Grid Radio Frequency Amp. (D.C. Heater). |
| RCA-237, | Detector Amplifier (D.C. Heater). |
| RCA-238, | Power Amplifier Pentode (D.C. Heater). . |
| UX-240, | Hi Mu Amplifier Detector. |
| UX-245, | Power Amplifier (A.C. Filament). |
| RCA-247, | Power Amplifier Pentode (A.C. Filament) |
| UX-250, | Power Amplifier (A.C. Filament). |
| UX-280, | Full-Wave Rectifier. |
| UX-281, | Half-Wave Rectifier. |
| UX-852, | Oscillator or R.F. Power Amp. |
| UX-865, | Screen-Grid R.F. Power Amp., Oscillator |
| UX-866, | Half-Wave Rectifier. |
| UX-874, | Voltage Regulator. |
| UV-876, | Ballast Tube. |
| UV-886, | Ballast Tube. |



SANDERSON AND CRUMIT

"DUNROVIN" they've named their home near Springfield, Mass. And there you have the whole radio story of these two old troupers—"no more roamin' around the country and playing to empty houses and packin' and unpackin'." They've got themselves a quiet little place, three and one-half hours' drive from New York.

Seems strange, too, for Julia Sanderson, standing there on a low platform before the microphone, and Frank Crumit, waving his left hand gently in rhythm, once were so much a part of the whirl of theatrical life. She was the toast of the town and he, the wit. The older folks will remember her clear blue eyes and her golden hair, in the days of "Winsome Willie" when she stepped out of the chorus into success in: "The Dairy Maid," "The Girl from Utah," "The Canary," "Fantana" and "The Sunshine Girl."

In "Tangerine," Julia joined with Frank Crumit—who had been graduated from the University of Ohio as an electrical engineer but who had turned to vaudeville. They made an immediate hit in this and subsequently in: "No, No, Nanette," "Queen High" and "Okay." In July, 1927, they were married.

As she dreams in her home, Miss Sanderson sometimes recalls how the Harvard boys used to send her their sweaters with the flamboyant "H's", and the night President Taft tossed a bouquet across the footlights to her.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|---|-------------|-------------|--------------|-------------------------------------|
| WTNT | Nashville, Tenn. | 5000 | 1470 | | 1310 KC WFD |
| WTOC | Savannah, Ga. | 500 | 1260 | | Rome, Ga. 1310 KC WHA |
| WWAE | Hammond, Ind. Shares with WRAF | 100 | 1200 | | Philadelphia, Pa. 1310 KC WTEI |
| WWJ | Detroit, Mich. | 1000 | 920 | | Philadelphia, Pa. 1310 KC WJAC |
| WWL | New Orleans, La. Shares with KWKH | 5000 | 850 | | Johnstown, Pa. 1310 KC WFBC |
| WWNC | Asheville, N. C. | 1000 | 570 | | Altoona, Pa. 1310 KC WRAV |
| WWRL | Woodside, N. Y. Shares with WMBQ- WLBX-WCLB | 100 | 1500 | | Reading, Pa. 1310 KC WGA |
| WWSW | Pittsburgh, Pa. | 100 | 1500 | | Lancaster, Pa. 1310 KC WSA |
| WWVA | Wheeling, W. Va. Shares with WOWO | 5000 | 1160 | | Grove City, Pa. 1310 KC WBR |
| WXYZ | Detroit, Mich. | 1000 | 1240 | | Wilkes-Barre, Pa. 1310 KC WKB |
| KABC | San Antonio, Texas . . . | 100 | 1420 | | Birmingham, Ala. 1310 KC WBE |
| KBPS | Portland, Ore. Shares with KXL | 100 | 1420 | | Marquette, Mich. 1310 KC WOB |
| KBTM | Paragould, Ark. | 100 | 1200 | | Union City, Tenn. 1310 KC WRO |
| KCRC | Enid, Okla. Shares with KGFG | 250 | 1370 | | Knoxville, Tenn. 1310 KC KRM |
| KCRJ | Jerome, Ariz. | 100 | 1310 | | Shreveport, La. 1310 KC KTS |
| KDB | Santa Barbara, Cal. . . . | 100 | 1500 | | Shreveport, La. 1310 KC WSJ |
| KDFN | Casper, Wyo. | 100 | 1210 | | Winston-Salem, N. C. 1310 KC KTL |
| KDKA | Pittsburgh, Pa. | 50000 | 980 | | Houston, Tex. 1310 KC KFP |
| KDLR | Devils Lake, N. D. | 100 | 1210 | | Greenville, Tex. 1310 KC KTS |
| KDYL | Salt Lake City, Utah. . . . | 1000 | 1290 | | El Paso, Tex. 1310 KC WDA |
| KECA | Los Angeles, Cal. | 1000 | 1430 | | El Paso, Tex. 1310 KC KFF |
| KELW | Burbank, Cal. Shares with KTM | 500 | 780 | | Dublin, Tex. 1310 KC KFX |
| KEX | Portland, Ore. Shares with KOB | 5000 | 1180 | | Oklahoma City, Okl. 1310 KC WKE |
| KFAB | Lincoln, Nebr. Shares with WBBM- WJBT | 5000 | 770 | | Galesburg, Ill. 1310 KC WCI |
| | | | | | Joliet, Ill. 1310 KC WKE |

*When experts agree on RCA Radiotrons—why
take chances?*

NATHANIEL SHILKRET



NEXT time you hear an orchestra directed by Nathaniel Shilkret, remember this description of him: He is scarcely over five feet tall; has a mild manner when chatting with you and a tiger's attitude when he's conducting; speaks in a high-pitched voice and is a veritable dynamo of enthusiasm. Many's the night he's toiled tirelessly till dawn over a difficult musical arrangement, perhaps an original composition.

Shilkret was born in New York, but lived in Vienna from the age of 2 to 4½ years. From his father he drew his inspiration to become a musician. Frequently his father would play twenty hours a day, perfecting himself on every known instrument.

While still a boy, Nathaniel was brought back to America and he played in the New York Boys' Symphony. A lot of these lads now hold leading posts with famous symphony orchestras. Still in his 'teens, Nathaniel played with the Russian Symphony Orchestra and later with the New York Philharmonic. At 19, he wrote an original suite, "Street Sketches," with a "Negro Dance" which many believe anticipated the original Dixieland Jazz Band's negroid rhythms.

For many years he has been chief orchestra director in the Victor Recording Studios. At one time he was making records in thirty-five languages, using thirty types of orchestras and turning out eighty or ninety numbers a month. In radio, he's directed RCA-Victor, Eveready, Eastman Kodak, Mobiloil, and other special programs. When the crowds of musicians with their huge bass viols and tubas gather in the corridor outside a studio, he sometimes gets lost.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|-----------------|--|-------------|-------------|--------------|--|
| KFAC | Los Angeles, Cal. | 1000 | 1300 | | 1310 KC KWCR- Cedar Rapids, Iowa |
| KFBB | Great Falls, Mont. | 2500 | 1280 | | 1310 KC KFJY Fort Dodge, Iowa |
| KFBK | Sacramento, Cal. | 100 | 1310 | | 1310 KC KFGQ Boone, Iowa |
| KFBL | Everett, Wash. Shares with KVL | 50 | 1370 | | 1310 KC KGFV Ravenna, Nebr. |
| KFDM | Beaumont, Tex. | 1000 | 560 | | 1310 KC WBOW Terre Haute, Ind. |
| KFDY | Brookings, S. Dak. Shares with KFYR | 1000 | 550 | | 1310 KC WJAF Marion, Ind. |
| KFEL | Denver, Colo. Shares with KFXF | 500 | 920 | | 1310 KC WLBO Muncie, Ind. |
| KFEQ | St. Joseph, Mo. | 2500 | 680 | | 1310 KC KGBI St. Joseph, Mo. |
| KFGQ | Boone, Iowa Shares with KWCR- KFJY | 100 | 1310 | | 1310 KC KFBI Sacramento, Cal. |
| KFH | Wichita, Kans. Shares with WOQ | 1000 | 1300 | | 1310 KC KCR Jerome, Ariz. |
| KFI | Los Angeles, Cal. | 50000 | 640 | | 1310 KC KGC Wolf Point, Mont. |
| KFIO | Spokane Wash. | 100 | 1120 | | 1310 KC KGE Kalispell, Mont. |
| KFIZ | Fond du Lac, Wis. | 100 | 1420 | | 1310 KC KFV Denver, Colo. |
| KFJB | Marshalltown, Iowa ½ time | 250 | 1200 | | 1310 KC KFX Edgewater, Colo. |
| KFJF | Oklahoma City, Okla. | 5000 | 1480 | | 1310 KC KME Medford, Oreg. |
| KFJI | Astoria, Ore. | 100 | 1370 | | 1310 KC KXR Aberdeen, Wash. |
| KFJM | Grand Forks, N. Dak. | 100 | 1370 | | 1310 KC KI Yakima, Wash. |
| KFJR | Portland, Ore. Shares with KTBR | 500 | 1300 | | 1320 KC WAC Tallmadge, Ohio |
| KFJY | Fort Dodge, Iowa. Shares with KFGQ- KWCR | 100 | 1310 | | 1320 KC WSM New Orleans, La. |
| KFJZ | Fort Worth, Tex. | 100 | 1370 | | 1320 KC KT Twin Falls, Idaho |
| KFKA | Greeley, Colo. Shares with KPOF | 1000 | 880 | | 1320 KC KI Idaho Falls, Idaho |
| KFKB | Milford, Kans. | 5000 | 1050 | | 1320 KC KGF Pueblo, Colo. |
| KFKU | Lawrence, Kans. Shares with WREN | 500 | 1220 | | 1320 KC KG Twin Falls, Idaho |
| KFKX } KYW } | (See KQY-KFKX) | | | | 1330 KC WDF Hartford, Conn. 1330 KC WS Cincinnati, Ohio |

*Progress in the radio art is measured by the
development of RCA Radiotrons*

KATE SMITH



NO FEMININE radio entertainer ever bounced into radio popularity more suddenly than Kate Smith, songbird for La Palina. Her professional career covers only six years, dating back to 1925 when she sang at a benefit at the B. F. Keith Theatre in Washington, D. C. Eddie Dowling was in the audience and promptly engaged her for his show, "Honeymoon Lane." When that show closed she was signed for a rôle in "Hit the Deck" and after that her riotous singing and buxom dancing was an outstanding bit in George White's "Flying High."

During the run of the latter production radio attracted her attention. She thrust the charm of her stage presence into her first audition and the NBC signed her on a sustaining basis. She shifted to the Columbia Broadcasting System and immediately launched herself into a tremendously successful broadcasting career. It was her "memory" songs—songs that revived for listeners recollections of happy days—that caught on particularly. Hundreds of requests fill her mail box daily. Yes, and she reads and answers all her fan mail, claiming that this intimate touch with her audience is her chief inspiration.

Kate's fat all right. She weighs 237 pounds, but doesn't mind being kidded about it. For Kate would rather enjoy the delights of charlotte russe and potato salad than to diet and be slender. She's blonde, blue-eyed and wears no make-up on the street. Wants to become a licensed airplane pilot and swimming's her favorite sport.

Her theme song, "When the Moon Comes Over the Mountain," for which she was co-lyricist with Howard Johnson, is her most prized possession. Recently she completed an eleven-week engagement at the Palace Theatre, New York, an all-time record.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|--|-------------|-------------|--------------|------------------------------------|
| KFLV | Rockford, Ill. Shares with WHBL | 500 | 1410 | | 1330 KC WTAQ Eau Claire, Wis. |
| KFLX | Galveston, Tex. | 100 | 1370 | | 1330 KC KSCJ Sioux City, Iowa |
| KFMX | Northfield, Minn. Shares with WCAL- WRHM-WLB | 1000 | 1250 | | 1330 KC KGB San Diego, Calif. |
| KFNF | Shenandoah, Iowa. . . . Shares with WILL- KUSD | 1000 | 890 | | 1340 KC WSPD Toledo, Ohio |
| KFOR | Lincoln, Nebr. | 250 | 1210 | | 1340 KC KFPW Fort Smith, Ark. |
| KFOX | Long Beach, Cal. | 1000 | 1250 | | 1340 KC WCOA Pensacola, Fla. |
| KFPL | Dublin, Tex. | 100 | 1310 | | 1340 KC KFPY Spokane, Wash. |
| KFPM | Greenville, Tex. | 15 | 1310 | | 1350 KC WAWZ Zarephath, N. J. |
| KFPW | Ft. Smith, Ark. | 50 | 1340 | | 1350 KC WMSG New York, N. Y. |
| KFPY | Spokane, Wash. | 1000 | 1340 | | 1350 KC WCDA New York, N. Y. |
| KFQU | Holy City, Cal. Shares with KGGC | 100 | 1420 | | 1350 KC WBNX New York, N. Y. |
| KFQW | Seattle, Wash. | 100 | 1420 | | 1350 KC KWK St. Louis, Mo. |
| KFRC | San Francisco, Cal. . . . | 1000 | 610 | | 1360 KC WFBL Syracuse, N. Y. |
| KFRU | Columbia, Mo. Shares with WOS- WGBF | 500 | 630 | | 1360 KC WQBC Vicksburg, Miss. |
| KFSD | San Diego, Cal. | 1000 | 600 | | 1360 KC WCSC Charleston, S. C. |
| KFSG | Los Angeles, Cal. Shares with KMCS | 500 | 1120 | | 1360 KC WJKS Gary, Ind. |
| KFUL | Galveston, Tex. Shares with KTSA | 500 | 1290 | | 1360 KC WGES Chicago, Ill. |
| KFUO | Clayton, Mo. Shares with KSD | 1000 | 550 | | 1360 KC KGIR Butte, Mont. |
| KFUP | Denver, Colo. Shares with KFXJ | 100 | 1310 | | 1360 KC KGER Long Beach, Calif. |
| KFVD | Culver City, Cal. | 250 | 1000 | | 1370 KC WRDC Augusta, Me. |
| KFVS | Cape Girardeau, Mo. . . . Shares with WEPQ | 100 | 1210 | | 1370 KC WQDM St. Albans, Vt. |
| KFWB | Hollywood, Cal. | 1000 | 950 | | 1370 KC WLEY Lexington, Mass. |
| KFWF | St. Louis, Mo. Shares with WIL | 100 | 1200 | | 1370 KC WSVS Buffalo, N. Y. |
| | | | | | 1370 KC WBGF Glens Falls, N. Y. |
| | | | | | 1370 KC WPOI Patchogue, N. Y. |

Every RCA Radiotron is thoroughly tested before it is enclosed in the Red and Black carton



JOLLY BILL AND JANE

NEXT October, Jane will be 14 years old. But already she's a little star in her own little way. Jane, whose real name is Muriel Harbater, is the essence of childish gaiety and carefree simplicity.

And she came into radio, not by accident, but as a result of her own sparkling talent. Jolly Bill—Mr. William Steinke on his calling card, if he should have one—had grown tired of working with a grown-up person who tried to imitate the pattering of a child. This was three years ago, and Bill—born in the Pennsylvania Dutch section, a cartoonist and ex-newspaperman—already was the radio uncle of New York. So Miss Madge Tucker, who has charge of the young antics at the NBC, told Bill to take his pick from all the eager faces circled 'round her. Bill chose Jane, and they have not missed a day together ever since he first pointed his finger at her.

Bill is as round as a medicine ball, has a laugh as infectious as the grippe and, when he talks, you can hear him from Times Square to the Battery. He hasn't lost an ounce of his 210 pounds, despite his early morning broadcasts. You see, he has to rise shortly before 6 o'clock, meet Jane in the studio, 'long about 7:15, and go over the script of their Cream of Wheat mythical travelogue before taking to the air at 7:45. They repeat this broadcast for western listeners an hour later, and then Jane dashes off for school.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|--|-------------|-------------|--------------|--------------------------------------|
| KFWI | San Francisco, Cal.... Shares with KROW | 500 | 930 | | 1370 KC WCBM Baltimore, Md. |
| KFXD | Nampa, Idaho..... | 50 | 1420 | | 1370 KC WBTM Danville, Va. |
| KFXF | Denver, Colo..... Shares with KFEL | 500 | 920 | | 1370 KC WLVA Lynchburg, Va. |
| KFXJ | Edgewater, Colo..... Shares with KFUP | 50 | 1310 | | 1370 KC WHBD Mount Orab, Ohio |
| KFXM | San Bernardino, Cal.. Shares with KPPC | 100 | 1210 | | 1370 KC WHDF Calumet, Mich. |
| KFXR | Oklahoma City, Okla. | 250 | 1310 | | 1370 KC WJBK Highland Park, Mich. |
| KFXV | Flagstaff, Ariz..... | 100 | 1420 | | 1370 KC WIBM Jackson, Mich. |
| KFYO | Abilene, Tex..... | 250 | 1420 | | 1370 KC WRAC Williamsport, Pa. |
| KFYR | Bismarck, N. D..... Shares with KFDY | 2500 | 550 | | 1370 KC WELK Philadelphia, Pa. |
| KGA | Spokane, Wash..... | 5000 | 1470 | | 1370 KC WRBJ Hattiesburg, Miss. |
| KGAR | Tucson, Ariz..... | 250 | 1370 | | 1370 KC WHBQ Memphis, Tenn. |
| KGB | San Diego, Cal..... | 500 | 1330 | | 1370 KC KOH Reno, Nev. |
| KGBX | St. Joseph, Mo..... | 100 | 1310 | | 1370 KC KGFC Ckiahoma City, Okla. |
| KGBZ | York, Nebr..... Shares with KMA | 1000 | 930 | | 1370 KC KCRC Enid, Okla. |
| KGCA | Decorah, Iowa..... Shares with KWLC | 50 | 1270 | | 1370 KC WMBF Tampa, Fla. |
| KGCR | Watertown, S. Dak... | 100 | 1210 | | 1370 KC KMAO San Antonio, Tex. |
| KGCU | Mandan, N. Dak..... | 100 | 1200 | | 1370 KC KFJL Fort Worth, Tex. |
| KGCV | Wolf Point, Mont... ½ time | 250 | 1310 | | 1370 KC KONC San Antonio, Tex. |
| KGDA | Mitchell, S. Dak..... | 100 | 1370 | | 1370 KC KGKI San Angelo, Tex. |
| KGDE | Fergus Falls, Minn... | 250 | 1200 | | 1370 KC KFL Galveston, Tex. |
| KGDM | Stockton, Cal..... | 250 | 1100 | | 1370 KC WG Fort Wayne, Ind. |
| KGDY | Huron, S. Dak..... | 100 | 1200 | | 1370 KC KGD Mitchell, S. Dak. |
| KGEF | Los Angeles, Cal.... Shares with KTBI | 1000 | 1300 | | 1370 KC KFJN Great Forks, N. Dak. |
| KGEK | Yuma, Colo..... Shares with KGEW | 50 | 1200 | | 1370 KC KWK Kansas City, Mo. |
| KGER | Long Beach, Cal.... Shares with KPSN | 1000 | 1360 | | 1370 KC WRAN Wilmington, N. C. |

RCA Radiotrons are the heart of your radio set



TASTYEAST JESTERS

AT THE start of a party, it's always best to introduce the folks all around. So, meet the Tastyeast Jesters—you know, those musical lads who tune up and smart-crack thrice a week, just about the time of coffee and pie. Here's Dwight B. Latham, who was born in New Britain, Conn., on May 24, 1903. And Wamp Carlson, the Swede, who came to light in the same town on October 24, 1901. And Guy Bonham, Forty Fort, Pa., on November 24, 1904. Funny that they were all born on the 24th, isn't it?

Well, Dwight and Wamp met up in high school and sang together in the quartet. Wamp at that time was a bass; now, of course, he can't plunge lower than second tenor.

But music didn't pay the lads much in those days and so to Hartford, Conn., and into the insurance business they went. It was here that they chanced on Guy Bonham. Guy had spent one year at the University of Pennsylvania, barnstormed with Graham Prince and his Carolinans, playing the trumpet, and finally had drifted into a department store job in Hartford. The boys found that their voices blended, and so did a number of civic clubs.

They puttered around with radio at station WBZ, Springfield, Mass., picking up a dollar here and there, till finally on January 3, 1930, Tastyeast signed them for a local broadcast. From then on, they have been on the up and up.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|--|-------------|-------------|--------------|-------------------------------------|
| KGEW | Fort Morgan, Colo.... Shares with KGEK | 100 | 1200 | | 1370 KC WRJT Racine, Wis. |
| KGEZ | Kalispell, Mont..... | 100 | 1310 | | 1370 KC KGAI Tucson, Ariz. |
| KGFF | Alva, Okla..... | 100 | 1420 | | 1370 KC KR Berkeley, Calif. |
| KGFG | Oklahoma City, Okla. Shares with KCRC | 100 | 1370 | | 1370 KC WJT Oglethorpe Univ., Ga |
| KGFI | Corpus Christi, Tex... | 250 | 1500 | | 1370 KC KOO Marshfield, Oreg. |
| KGFI | Los Angeles, Cal..... | 100 | 1200 | | 1370 KC KFB Everett, Wash. |
| KGFK | Moorehead, Minn..... | 50 | 1500 | | 1370 KC KV Seattle, Wash. |
| KGFL | Raton, N. M..... | 50 | 1370 | | 1370 KC KFJ Astoria, Oreg. |
| KGFW | Ravenna, Nebr..... | 100 | 1310 | | 1370 KC KGF Raton, N. Mex. |
| KGFX | Pierre, S. Dak..... | 200 | 580 | | 1370 KC KU Walla Walla, Wash. |
| KGGC | San Francisco, Cal. . Shares with KFQU | 100 | 1420 | | 1380 KC WSM Dayton, Ohio |
| KGGF | South Coffeyville, Okla. Shares with WNAD | 500 | 1010 | | 1380 KC KQ Pittsburgh, Pa. |
| KGGM | Albuquerque, N. M.... | 500 | 1230 | | 1380 KC KS Clarinda, Iowa |
| KGHF | Pueblo, Colo..... | 500 | 1320 | | 1380 KC KWB La Crosse, Wis. |
| KGHI | Little Rock, Ark..... | 100 | 1200 | | 1390 KC WH Cleveland, Ohio |
| KGHL | Billings, Mont..... | 1000 | 950 | | 1390 KC KLR Little Rock, Ark. |
| KGIQ | Twin Falls, Idaho... | | 1320 | | 1390 KC KUO Fayetteville, Ark. |
| KGIR | Butte, Mont..... ½ time | 500 | 1360 | | 1390 KC KO Phoenix, Ariz. |
| KGIW | Trinidad, Colo..... | 100 | 1420 | | 1400 KC WCG Brooklyn, N. Y. |
| KGIX | Las Vegas, Nev..... | 100 | 1420 | | 1400 KC WFO Brooklyn, N. Y. |
| KGIZ | Grant City, Mo..... | 50 | 1500 | | 1400 KC WLT Brooklyn, N. Y. |
| KGJF | Little Rock, Ark..... | 250 | 890 | | 1400 KC WBE Brooklyn, N. Y. |
| KGKB | Brownwood, Tex..... | 100 | 1500 | | 1400 KC KOC Chickasha, Okla. |
| KGKL | San Angelo, Tex..... | 100 | 1370 | | 1400 KC WCM Culver, Ind. |
| KGKO | Wichita Falls, Tex... | 500 | 570 | | 1400 KC WKE Indianapolis, Ind. |
| KGKX | Sandpoint, Idaho.... | 100 | 1420 | | |
| KGKY | Scottsbluff, Nebr.... | 100 | 1500 | | |
| KGMP | Elk City, Okla..... | 100 | 1210 | | |
| KGNF | North Platte, Nebr... | 500 | 1430 | | |

RCA Radiotrons—The hallmark of a good radio set

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|-----------------|---|-------------|-------------|--------------|--------------------------------------|
| KWKH | Shreveport, La. Shares with WWL | 10000 | 850 | | 1500 KC KGFI Corpus Christi, Tex. |
| KWLC | Decorah, Iowa. Shares with KGCA | 100 | 1270 | | 1500 KC KUT Austin, Tex. |
| KWSC | Pullman, Wash. | 2000 | 1220 | | 1500 KC KGKB Brownwood, Tex. |
| KWWG | Brownsville, Tex. Shares with KRGV | 500 | 1260 | | 1500 KC KGIZ Grant City, Mo. |
| KXA | Seattle, Wash. | 500 | 570 | | 1500 KC KGKY Scottsbluff, Nebr. |
| KXL | Portland, Ore. Shares with KBPS | 100 | 1420 | | 1500 KC WKBV Connersville, Ind. |
| KXO | El Centro, Cal. | 100 | 1500 | | 1500 KC KGFK Moorhead, Minn. |
| KXRO | Aberdeen, Wash. | 75 | 1310 | | 1500 KC KPJM Prescott, Ariz. |
| KXYZ | Houston, Tex. | 100 | 1420 | | 1500 KC KXO El Centro, Calif. |
| KYA | San Francisco, Cal. . . . | 1000 | 1230 | | 1500 KC KDB Santa Barbara, Calif. |
| KYW } KFKX } | Chicago, Ill. | 10000 | 1020 | | 1500 KC KREG Santa Ana, Calif. |
| | | | | | 1500 KC KPQ Wenatchee, Wash |
| | | | | | 1500 KC WWSW Pittsburgh, Pa. |

Play safe! Always keep on hand an extra set of RCA Radiotrons

CANADIAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|---|-------------|-------------|--------------|-----------------|
| CFAC | Calgary, Alta. | 500 | 690 | | 540 KC |
| CFBO | St. John, N. B. | 500 | 890 | | CKX |
| CFCA | Toronto, Ont. | 500 | 840 | | 580 KC |
| CFCF | Montreal, Que. | 500 | 1030 | | CHMA |
| CFCH | North Bay, Ontario. | 50 | 1200 | | CKCL |
| CFCN | Calgary, Alta. | 500 | 690 | | CKNC |
| CFCO | Chatham, Ontario. | 100 | 1210 | | CKUA |
| CFCT | Victoria, B. C. | 500 | 630 | | 600 KC |
| CFCY | St. Charlottetown, P. E. I. ... | 250 | 960 | | CJRM |
| CFJC | Kamloops, B. C. | 100 | 1120 | | CJRW |
| CFLC | Prescott, Ont. | 50 | 1010 | | CNRO |
| CFNB | Fredericton, N. B. | 500 | 1210 | | 630 KC |
| CFQC | Saskatoon, Sask. | 500 | 910 | | CFCT |
| CFRB | Twp. of King, York County, Ont. | 4000 | 960 | | CJGX CNRA |
| CFRC | Kingston, Ont. | 500 | 930 | | 645 KC |
| CHCA | Calgary, Alta. | 500 | 690 | | CHRC |
| CHCK | St. Charlottetown, P. E. I. ... | 100 | 960 | | 665 KC |
| CHCS | Hamilton, Ont. | 10 | 1120 | | CHWK |
| CHCT | Red Deer, Alta. | 1000 | 840 | | 690 KC |
| CHGS | Summerside, P. E. I. | 100 | 1120 | | CFAC |
| CHLS | Vancouver, B. C. | 50 | 730 | | CFCN |
| CHMA | Edmonton, Alta. | 250 | 580 | | CHCA |
| CHML | Hamilton, Ont. | 50 | 880 | | CJBC |
| CHNS | Halifax, N. S. | 500 | 910 | | CJCJ |
| CHRC | Quebec, Que. | 100 | 645 | | CJSC |
| CHWC | Pilot Butte, Sask. | 500 | 960 | | CKGW |
| CHWK | Chilliwack, B. C. | 100 | 665 | | CNRC |
| CHYC | St. Hyacinthe, Que. | 5000 | 730 | | CPRY |
| CJBC | Toronto, Ont. | 5000 | 690 | | 730 KC |
| CJBR | Regina, Sask. | 500 | 960 | | CHLS |
| CJCA | Edmonton, Alta. | 500 | 930 | | CHYC |
| CJCB | Sydney, N. S. | 50 | 880 | | CKAC |

RCA Radiotrons—The nation's choice

CANADIAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|-----------------------------|-------------|-------------|--------------|-----------------|
| CJCJ | East Calgary, Alta. | 500 | 690 | | 730 KC |
| CJGC | Strathburn, Ont. | 500 | 910 | | (Cont'd) |
| CJGX | Yorkton, Sask. | 500 | 630 | | CKCD |
| CJOC | Lethbridge, Alta. | 50 | 1120 | | CKFC |
| CJOR | Sea Island, B. C. | 500 | 1210 | | CKMO |
| CJRM | Moose Jaw, Sask. | 500 | 600 | | CKWX |
| CJRW | Fleming, Sask. | 500 | 600 | | CNRM |
| CJSC | Toronto, Ont. | 5000 | 690 | | 780 KC |
| CKAC | St. Hyacinthe, Que. | 5000 | 730 | | CKY |
| CKCD | Vancouver, B. C. | 50 | 730 | | CNRW |
| CKCI | Quebec, Que. | 22.5 | 880 | | 840 KC |
| CKCK | Regina, Sask. | 500 | 960 | | CFCA |
| CKCL | Toronto, Ont. | 500 | 580 | | CHCT |
| CKCO | Ottawa, Ont. | 100 | 890 | | CKLC |
| CKCR | Waterloo, Ont. | 50 | 1010 | | CKOW |
| CKCV | Quebec, Que. | 50 | 880 | | CNRD |
| CKFC | Vancouver, B. C. | 50 | 730 | | CNRT |
| CKGW | Bowmanville, Ont. | 5000 | 690 | | 880 KC |
| CKIC | Wolfville, N. S. | 50 | 1010 | | CHML |
| CKLC | Red Deer, Alta. | 1000 | 840 | | CJCB |
| CKMC | Cobalt, Ont. | 15 | 1210 | | CKCI |
| CKMO | Vancouver, B. C. | 50 | 730 | | CKCV |
| CKNC | Toronto, Ont. | 500 | 580 | | CNRQ |
| CKOC | Hamilton, Ont. | 50 | 1120 | | 890 KC |
| CKOW | Toronto, Ont. | 500 | 840 | | CFBO |
| CKPC | Preston, Ont. | 25 | 1210 | | CKCO |
| CKPR | Port Arthur, Ont. | 50 | 890 | | CKPR |
| CKUA | Edmonton, Alta. | 500 | 580 | | 910 KC |
| CKWX | Vancouver, B. C. | 100 | 730 | | CFQC |
| CKX | Brandon, Man. | 500 | 540 | | CHNS |
| CKY | Winnipeg, Man. | 5000 | 780 | | CJGC |
| CNRA | Moncton, N. B. | 500 | 630 | | CNRH |
| CNRC | Calgary, Alta. | 500 | 690 | | CNRL |
| | | | | | CNRS |

To get the best from your set use RCA Radiotrons

CANADIAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|---|--|-------------|-------------|--------------|-----------------|
| CNRD | Red Deer, Alta..... | 1000 | 840 | | 930 KC |
| CNRE | Edmonton, Alta..... | 500 | 930 | | CFRC |
| CNRH | Halifax, N. S..... | 500 | 910 | | CJCA |
| CNRL | Strathburn, Ont..... | 500 | 910 | | CNRE |
| CNRM | Montreal, Que..... | 5000 | 730 | | 960 KC |
| CNRO | Ottawa, Ont..... | 500 | 600 | | CFCY |
| CNRQ | Quebec, Que..... | 50 | 880 | | CFRB |
| CNRR | Regina, Sask..... | 500 | 960 | | CHCK |
| CNRS | Saskatoon, Sask..... | 500 | 910 | | CHWC |
| CNRT | Toronto, Ont..... | 500 | 840 | | CJBR |
| CNRV | Vancouver, B. C..... | 500 | 1030 | | CKCK |
| CNRW | Winnipeg, Man..... | 5000 | 780 | | CNRR |
| CNRX | Toronto, Ont..... | 4000 | 960 | | CNRY |
| CPRY | Bowmanville, Ont..... | 5000 | 690 | | 1010 KC |
| BROADCASTING STATIONS OF U. S. POSSESSIONS | | | | | |
| | | | | | CFLC |
| | | | | | CKCR |
| | | | | | CKIC |
| | | | | | 1030 KC |
| KFIU | Juneau, Alaska..... | 10 | 1310 | | CFCF |
| KFQD | Anchorage, Alaska..... | 100 | 1230 | | CNRY |
| KGBU | Ketchikan, Alaska..... | 500 | 900 | | |
| KGMB | Honolulu, Hawaii..... | 500 | 1320 | | 1120 KC |
| KGU | Honolulu, Hawaii..... | 1000 | 940 | | CFJC |
| WKAQ | San Juan, Porto Rico..... | 500 | 890 | | CHCS |
| CENTRAL AMERICAN AND WEST INDIAN STATIONS | | | | | |
| | | | | | CHGS |
| | | | | | CJOC |
| | | | | | CKOC |
| TIC | San Jose, Costa Rico..... | 15 | 882 | | 1200 KC |
| HIX | Santo Domingo, Dominican Republic..... | 1000 | 669 | | CFCH |
| RUS | San Salvador, El Salvador... | 500 | 664 | | 1210 KC |
| TGW | Guatemala, Guatemala.... | 50 | 571 | | CFCO |
| HHK | Port-au-Prince, Haiti..... | 1000 | 920 | | CFNB |
| HRB | Tegucigalpa, Honduras.... | 2300 | 1370 | | CJOR |
| | | | | | CKMC |
| | | | | | CKPC |

Improve your Radio set with RCA Radiotrons

CUBAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|------------------------|-------------|-------------|--------------|-----------------|
| CMAA | Guanajay. | 30 | 1090 | | |
| CMAB | Pinar del Rio. | 20 | 1250 | | |
| CMBA | Habana. | 50 | 1345 | | |
| CMBC | Habana. | 150 | 955 | | |
| CMBD | Habana. | 150 | 955 | | |
| CMBF | Habana. | 7.5 | 1345 | | |
| CMBG | Habana. | 50 | 1405 | | |
| CMBH | Habana. | 30 | 1500 | | |
| CMBI | Habana. | 30 | 1405 | | |
| CMBJ | Habana. | 15 | 1285 | | |
| CMBK | Marianao. | 15 | 1405 | | |
| CMBL | Habana. | 15 | 1500 | | |
| CMBM | Habana. | 15 | 1285 | | |
| CMBN | Los Pinos. | 30 | 1405 | | |
| CMBR | Arroyo Apolo. | 15 | 1500 | | |
| CMBS | Habana. | 150 | 790 | | |
| CMBT | Habana. | 150 | 1070 | | |
| CMBW | Marianao. | 150 | 1010 | | |
| CMBX | Habana. | 30 | 1405 | | |
| CMBY | Habana. | 100 | 1405 | | |
| CMBZ | Habana. | 150 | 1010 | | |
| CMC | Habana. | 500 | 845 | | |
| CMCA | Habana. | 150 | 1225 | | |
| CMCB | Habana. | 150 | 1070 | | |
| CMCD | Habana. | 15 | 1345 | | |
| CMCF | Habana. | 250 | 900 | | |
| CMCG | Guanabacoa. | 30 | 1285 | | |
| CMCH | Habana. | 15 | 1285 | | |
| CMCJ | Habana. | 250 | 550 | | |
| CMCM | Marianao. | 15 | 1500 | | |
| CMCN | Marianao. | 250 | 1225 | | |
| CMCO | Marianao. | 225 | 660 | | |
| CMCQ | Habana. | 600 | 1150 | | |
| CMCR | Habana. | 20 | 1285 | | |

Want thrilling tone? Buy new RCA Radiotrons

CUBAN BROADCASTING STATIONS (Cont'd)

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|----------------------------|-------------|-------------|--------------|-----------------|
| CMCU | Habana | 50 | 1345 | | |
| CMCX | Marianao | 250 | 1010 | | |
| CMCY | Habana | 15 | 1345 | | |
| CMGA | Colon | 100 | 834 | | |
| CMGB | Matanzas | 7.5 | 1185 | | |
| CMGC | Matanzas | 30 | 1315 | | |
| CMGD | Matanzas | 5 | 1140 | | |
| CMGE | Cardenas | 30 | 1375 | | |
| CMGH | Matanzas | 60 | 1250 | | |
| CMGI | Matanzas | 30 | 1094 | | |
| CMGT | Matanzas | 50 | 977 | | |
| CMHA | Cienfuegos | 200 | 1154 | | |
| CMHB | Sagua la Grande | 10 | 1500 | | |
| CMHC | Tuinucu | 500 | 790 | | |
| CMHD | Caibarien | 250 | 920 | | |
| CMHE | Santa Clara | 20 | 1429 | | |
| CMHH | Cifuentes | 10 | 870 | | |
| CMHI | Santa Clara | 15 | 1110 | | |
| CMHJ | Cifuentes | 40 | 645 | | |
| CMJA | Camaguey | 10 | 1332 | | |
| CMJB | Ciego de Avila | 20 | 1276 | | |
| CMJC | Camaguey | 15 | 1321 | | |
| CMJE | Camaguey | 5 | 856 | | |
| CMK | Habana | 3000 | 730 | | |
| CMKA | Santiago de Cuba | 20 | 1450 | | |
| CMKB | Santiago de Cuba | 15 | 1199 | | |
| CMKC | Santiago de Cuba | 150 | 1034 | | |
| CMKD | Santiago de Cuba | 20 | 1100 | | |
| CMKE | Santiago de Cuba | 250 | 1250 | | |
| CMKF | Holguin | 30 | 1363 | | |
| CMKG | Santiago de Cuba | 30 | 1176 | | |
| CMKH | Santiago de Cuba | 250 | 1322 | | |
| CMQ | Habana | 250 | 1150 | | |
| CMW | Habana | 700 | 588 | | |
| CMX | Habana | 500 | 900 | | |

For tonight's big hour, buy new RCA Radiotrons

MEXICAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|----------------------|-------------|-------------|--------------|-----------------|
| XEA | Guadalajara..... | 100 | 1200 | | |
| XEB | Mexico City..... | 1000 | 1030 | | |
| XEC | Toluca..... | 50 | 1333 | | |
| XED | Reynosa..... | 10000 | 961 | | |
| XEE | Linares..... | 10 | 1000 | | |
| XEF | Oaxaca..... | 100 | 1132 | | |
| XEFA | Mexico City..... | 250 | 1250 | | |
| XEFE | Nuevo Laredo..... | 100 | 980 | | |
| XEG | Mexico City..... | 2000 | 910 | | |
| XEH | Mexico City..... | 100 | 1130 | | |
| XEI | Morelia..... | 100 | 1000 | | |
| XEJ | Ciudad Juarez..... | 100 | 857 | | |
| XEK | Mexico City..... | 100 | 990 | | |
| XEL | Saltillo..... | 10 | 1090 | | |
| XEM | Tampico..... | 500 | 841 | | |
| XEN | Mexico City..... | 1000 | 719 | | |
| XEO | Mexico City..... | 5000 | 940 | | |
| XEP | Nuevo Laredo..... | 200 | 1500 | | |
| XEQ | Ciudad Juarez..... | 1000 | 750 | | |
| XER | Mexico City..... | 100 | 674 | | |
| XES | Tampico..... | 500 | 890 | | |
| XET | Monterrey..... | 1500 | 630 | | |
| XETA | Mexico City..... | 500 | 1140 | | |
| XETF | Vera Cruz..... | 500 | 680 | | |
| XEU | Vera Cruz..... | 100 | 800 | | |
| XEV | Puebla..... | 100 | 1035 | | |
| XEW | Mexico City..... | 5000 | 780 | | |
| XEX | Mexico City..... | 500 | 1190 | | |
| XEY | Merida..... | 100 | 547 | | |
| XEZ | Mexico City..... | 500 | 588 | | |
| XFA | Mexico City..... | 50 | 500-600 | | |
| XFC | Aguascalientes..... | 350 | 804 | | |
| XFE | Villahermosa..... | 350 | 804 | | |
| XFF | Chihuahua..... | 250 | 923 | | |
| XFG | Mexico City..... | 2000 | 638 | | |
| XFH | Mexico City..... | 250 | — | | |
| XFI | Mexico City..... | 1000 | 818 | | |
| XFZ | Mexico City..... | 500 | 860 | | |

Add pep to your radio with new RCA Radiotrons

ACTIVE RELAY BROADCASTING STATIONS OF THE WORLD SHORT WAVE

| Call Letters | TRANSMITTER LOCATION | Kilo-cycles | Power Watts | Time Difference* |
|--------------|--|-------------|-------------|------------------|
| OK1MP1 | Prague, Czechoslovakia. Elektra Company | 5169 | 5000 | 6:00 p.m. |
| HVJ | Vatican City, Rome, Italy . . . Holy See | 5968 | 8000 | 6:00 p.m. |
| W9XF | Downer's Grove, Ill. Great Lakes Broadc't'g Co. | 6020 | 5000 | 11:00 a.m. |
| W2XAL | Coytesville, N. J. Aviation Radio Station, Inc. | 6040 | 500 | 12:00 noon |
| W3XAU | Byberry, Pa. Universal Broadcasting Co. | 6060 | 500 | 12:00 noon |
| W8XAL | Mason, Ohio. Crosley Radio Corporation | 6060 | 250 | 12:00 noon |
| UON2 | Vienna, Austria. Oesterreichischer Radio | 6073 | 15000 | 6:00 p.m. |
| W9XAA | Chicago, Ill. Chicago Federation of Labor | 6080 | 500 | 11:00 a.m. |
| W3XAL | Bound Brook, N. J. National Broadcasting Co. | 6100 | 20000 | 12:00 noon |
| W2XE | Jamaica, L. I., N. Y. Atlantic Broadcasting Corp. | 6120 | 5000 | 12:00 noon |
| KZRM | Manila, P. I. Radio Corp. of Philippines | 6130 | 1000 | 1:00 a.m. |
| W8XK | E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co. | 6140 | 40000 | 12:00 noon |
| HRB | Tegucigalpa, Honduras. Tropical Radio Tel. Co. | 6170 | 2300 | 11:00 a.m. |
| J1AA | Iwatsuki, Japan. Japan Wireless Tel. Co. | 7880 | ... | 2:00 a.m. |
| VK3ME | Melbourne, Australia. Amalgamated Wireless | 9510 | ... | 3:00 a.m. |
| OXY | Lyngby, Denmark. Dir. Gen. of Posts & Tel. | 9520 | 500 | 6:00 p.m. |

* Foreign time based on 12:00 Noon E.S.T. N.B.—This does not indicate that these stations broadcast at these times.

UNITED STATES BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|-----------------|---|-------------|-------------|--------------|---|
| KWKH | Shreveport, La. Shares with WWL | 10000 | 850 | | 1500 KC KGFI Corpus Christi, Tex. |
| KWLC | Decorah, Iowa. Shares with KGCA | 100 | 1270 | | 1500 KC KUT Austin, Tex. |
| KWSC | Pullman, Wash. | 2000 | 1220 | | 1500 KC KGKB Brownwood, Tex. |
| KWWG | Brownsville, Tex. Shares with KRGV | 500 | 1260 | | 1500 KC KGIZ Grant City, Mo. |
| KXA | Seattle, Wash. | 500 | 570 | | 1500 KC KGKY Scottsbluff, Nebr. |
| KXL | Portland, Ore. Shares with KBPS | 100 | 1420 | | 1500 KC WKBV Connersville, Ind. |
| KXO | El Centro, Cal. | 100 | 1500 | | 1500 KC KGFK Moorhead, Minn. |
| KXRO | Aberdeen, Wash. | 75 | 1310 | | 1500 KC KPJM Prescott, Ariz. |
| KXYZ | Houston, Tex. | 100 | 1420 | | 1500 KC KXO El Centro, Calif. |
| KYA | San Francisco, Cal. . . . | 1000 | 1230 | | 1500 KC KDB Santa Barbara, Calif. |
| KYW } KFKX } | Chicago, Ill. | 10000 | 1020 | | 1500 KC KREG Santa Ana, Calif. |
| | | | | | 1500 KC KPQ Wenatchee, Wash |
| | | | | | 1500 KC WWSW Pittsburgh, Pa. |

Play safe! Always keep on hand an extra set of RCA Radiotrons

CANADIAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|---|-------------|-------------|--------------|-----------------|
| CFAC | Calgary, Alta. | 500 | 690 | | 540 KC |
| CFBO | St. John, N. B. | 500 | 890 | | CKX |
| CFCA | Toronto, Ont. | 500 | 840 | | 580 KC |
| CFCF | Montreal, Que. | 500 | 1030 | | CHMA |
| CFCH | North Bay, Ontario. | 50 | 1200 | | CKCL |
| CFCN | Calgary, Alta. | 500 | 690 | | CKNC |
| CFCO | Chatham, Ontario. | 100 | 1210 | | CKUA |
| CFCT | Victoria, B. C. | 500 | 630 | | 600 KC |
| CFCY | St. Charlottetown, P. E. I. | 250 | 960 | | CJRM |
| CFJC | Kamloops, B. C. | 100 | 1120 | | CJRW |
| CFLC | Prescott, Ont. | 50 | 1010 | | CNRO |
| CFNB | Fredericton, N. B. | 500 | 1210 | | 630 KC |
| CFQC | Saskatoon, Sask. | 500 | 910 | | CFCT |
| CFRB | Twp. of King, York County, Ont. | 4000 | 960 | | CJGX CNRA |
| CFRC | Kingston, Ont. | 500 | 930 | | 645 KC |
| CHCA | Calgary, Alta. | 500 | 690 | | CHRC |
| CHCK | St. Charlottetown, P. E. I. | 100 | 960 | | 665 KC |
| CHCS | Hamilton, Ont. | 10 | 1120 | | CHWK |
| CHCT | Red Deer, Alta. | 1000 | 840 | | 690 KC |
| CHGS | Summerside, P. E. I. | 100 | 1120 | | CFAC |
| CHLS | Vancouver, B. C. | 50 | 730 | | CFCN |
| CHMA | Edmonton, Alta. | 250 | 580 | | CHCA |
| CHML | Hamilton, Ont. | 50 | 880 | | CJBC |
| CHNS | Halifax, N. S. | 500 | 910 | | CJCJ |
| CHRC | Quebec, Que. | 100 | 645 | | CJSC |
| CHWC | Pilot Butte, Sask. | 500 | 960 | | CKGW |
| CHWK | Chilliwack, B. C. | 100 | 665 | | CNRC |
| CHYC | St. Hyacinthe, Que. | 5000 | 730 | | CPRY |
| CJBC | Toronto, Ont. | 5000 | 690 | | 730 KC |
| CJBR | Regina, Sask. | 500 | 960 | | CHLS |
| CJCA | Edmonton, Alta. | 500 | 930 | | CHYC |
| CJCB | Sydney, N. S. | 50 | 880 | | CKAC |

RCA Radiotrons—The nation's choice

CANADIAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|--------------------------|-------------|-------------|--------------|-----------------|
| CJCJ | East Calgary, Alta. | 500 | 690 | | 730 KC |
| CJGC | Strathburn, Ont. | 500 | 910 | | (Cont'd) |
| CJGX | Yorkton, Sask. | 500 | 630 | | CKCD |
| CJOC | Lethbridge, Alta. | 50 | 1120 | | CKFC |
| CJOR | Sea Island, B. C. | 500 | 1210 | | CKMO |
| CJRM | Moose Jaw, Sask. | 500 | 600 | | CKWX |
| CJRW | Fleming, Sask. | 500 | 600 | | CNRM |
| CJSC | Toronto, Ont. | 5000 | 690 | | 780 KC |
| CKAC | St. Hyacinthe, Que. | 5000 | 730 | | CKY |
| CKCD | Vancouver, B. C. | 50 | 730 | | CNRW |
| CKCI | Quebec, Que. | 22.5 | 880 | | 840 KC |
| CKCK | Regina, Sask. | 500 | 960 | | CFCA |
| CKCL | Toronto, Ont. | 500 | 580 | | CHCT |
| CKCO | Ottawa, Ont. | 100 | 890 | | CKLC |
| CKCR | Waterloo, Ont. | 50 | 1010 | | CKOW |
| CKCV | Quebec, Que. | 50 | 880 | | CNRD |
| CKFC | Vancouver, B. C. | 50 | 730 | | CNRT |
| CKGW | Bowmanville, Ont. | 5000 | 690 | | 880 KC |
| CKIC | Wolfville, N. S. | 50 | 1010 | | CHML |
| CKLC | Red Deer, Alta. | 1000 | 840 | | CJCB |
| CKMC | Cobalt, Ont. | 15 | 1210 | | CKCI |
| CKMO | Vancouver, B. C. | 50 | 730 | | CKCV |
| CKNC | Toronto, Ont. | 500 | 580 | | CNRQ |
| CKOC | Hamilton, Ont. | 50 | 1120 | | 890 KC |
| CKOW | Toronto, Ont. | 500 | 840 | | CFBO |
| CKPC | Preston, Ont. | 25 | 1210 | | CKCO |
| CKPR | Port Arthur, Ont. | 50 | 890 | | CKPR |
| CKUA | Edmonton, Alta. | 500 | 580 | | 910 KC |
| CKWX | Vancouver, B. C. | 100 | 730 | | CFQC |
| CKX | Brandon, Man. | 500 | 540 | | CHNS |
| CKY | Winnipeg, Man. | 5000 | 780 | | CJGC |
| CNRA | Moncton, N. B. | 500 | 630 | | CNRH |
| CNRC | Calgary, Alta. | 500 | 690 | | CNRL |
| | | | | | CNRS |

To get the best from your set use RCA Radiotrons

CANADIAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|-----------------------|-------------|-------------|--------------|-----------------|
| CNRD | Red Deer, Alta..... | 1000 | 840 | | 930 KC |
| CNRE | Edmonton, Alta..... | 500 | 930 | | CFRC |
| CNRH | Halifax, N. S..... | 500 | 910 | | CJCA |
| CNRL | Strathburn, Ont..... | 500 | 910 | | CNRE |
| CNRM | Montreal, Que..... | 5000 | 730 | | 960 KC |
| CNRO | Ottawa, Ont..... | 500 | 600 | | CFCY |
| CNRQ | Quebec, Que..... | 50 | 880 | | CFRB |
| CNRR | Regina, Sask..... | 500 | 960 | | CHCK |
| CNRS | Saskatoon, Sask..... | 500 | 910 | | CHWC |
| CNRT | Toronto, Ont..... | 500 | 840 | | CJBR |
| CNRV | Vancouver, B. C..... | 500 | 1030 | | CKCK |
| CNRW | Winnipeg, Man..... | 5000 | 780 | | CNRR |
| CNRX | Toronto, Ont..... | 4000 | 960 | | CNRY |
| CPRY | Bowmanville, Ont..... | 5000 | 690 | | 1010 KC |

BROADCASTING STATIONS OF U. S.

POSSESSIONS

| | | | | | |
|------|---------------------------|------|------|--|---------|
| KFIU | Juneau, Alaska..... | 10 | 1310 | | 1030 KC |
| KFQD | Anchorage, Alaska..... | 100 | 1230 | | CFCF |
| KGBU | Ketchikan, Alaska..... | 500 | 900 | | CNRY |
| KGMB | Honolulu, Hawaii..... | 500 | 1320 | | 1120 KC |
| KGU | Honolulu, Hawaii..... | 1000 | 940 | | CFJC |
| WKAQ | San Juan, Porto Rico..... | 500 | 890 | | CHCS |

CENTRAL AMERICAN AND WEST INDIAN STATIONS

| | | | | | |
|-----|--|------|------|--|---------|
| TIC | San Jose, Costa Rico..... | 15 | 882 | | 1200 KC |
| HIX | Santo Domingo, Dominican Republic..... | 1000 | 669 | | CFCH |
| RUS | San Salvador, El Salvador..... | 500 | 664 | | 1210 KC |
| TGW | Guatemala, Guatemala..... | 50 | 571 | | CFCO |
| HHK | Port-au-Prince, Haiti..... | 1000 | 920 | | CFNB |
| HRB | Tegucigalpa, Honduras..... | 2300 | 1370 | | CJOR |
| | | | | | CKMC |
| | | | | | CKPC |

Improve your Radio set with RCA Radiotrons

CUBAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|------------------------|-------------|-------------|--------------|-----------------|
| CMAA | Guanajay. | 30 | 1090 | | |
| CMAB | Pinar del Rio. | 20 | 1250 | | |
| CMBA | Habana. | 50 | 1345 | | |
| CMBC | Habana. | 150 | 955 | | |
| CMBD | Habana. | 150 | 955 | | |
| CMBF | Habana. | 7.5 | 1345 | | |
| CMBG | Habana. | 50 | 1405 | | |
| CMBH | Habana. | 30 | 1500 | | |
| CMBI | Habana. | 30 | 1405 | | |
| CMBJ | Habana. | 15 | 1285 | | |
| CMBK | Marianao. | 15 | 1405 | | |
| CMBL | Habana. | 15 | 1500 | | |
| CMBM | Habana. | 15 | 1285 | | |
| CMBN | Los Pinos. | 30 | 1405 | | |
| CMBR | Arroyo Apolo. | 15 | 1500 | | |
| CMBS | Habana. | 150 | 790 | | |
| CMBT | Habana. | 150 | 1070 | | |
| CMBW | Marianao. | 150 | 1010 | | |
| CMBX | Habana. | 30 | 1405 | | |
| CMBY | Habana. | 100 | 1405 | | |
| CMBZ | Habana. | 150 | 1010 | | |
| CMC | Habana. | 500 | 845 | | |
| CMCA | Habana. | 150 | 1225 | | |
| CMCB | Habana. | 150 | 1070 | | |
| CMCD | Habana. | 15 | 1345 | | |
| CMCF | Habana. | 250 | 900 | | |
| CMCG | Guanabacoa. | 30 | 1285 | | |
| CMCH | Habana. | 15 | 1285 | | |
| CMCJ | Habana. | 250 | 550 | | |
| CMCM | Marianao. | 15 | 1500 | | |
| CMCN | Marianao. | 250 | 1225 | | |
| CMCO | Marianao. | 225 | 660 | | |
| CMCQ | Habana. | 600 | 1150 | | |
| CMCR | Habana. | 20 | 1285 | | |

Want thrilling tone? Buy new RCA Radiotrons

CUBAN BROADCASTING STATIONS (Cont'd)

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo- cycles | Dial Setting | Kilocycle Index |
|-----------------|----------------------------|----------------|-----------------|-----------------|--------------------|
| CMCU | Habana | 50 | 1345 | | |
| CMCX | Marianao | 250 | 1010 | | |
| CMCY | Habana | 15 | 1345 | | |
| CMGA | Colon | 100 | 834 | | |
| CMGB | Matanzas | 7.5 | 1185 | | |
| CMGC | Matanzas | 30 | 1315 | | |
| CMGD | Matanzas | 5 | 1140 | | |
| CMGE | Cardenas | 30 | 1375 | | |
| CMGH | Matanzas | 60 | 1250 | | |
| CMGI | Matanzas | 30 | 1094 | | |
| CMGT | Matanzas | 50 | 977 | | |
| CMHA | Cienfuegos | 200 | 1154 | | |
| CMHB | Sagua la Grande | 10 | 1500 | | |
| CMHC | Tuinucu | 500 | 790 | | |
| CMHD | Caibarien | 250 | 920 | | |
| CMHE | Santa Clara | 20 | 1429 | | |
| CMHH | Cifuentes | 10 | 870 | | |
| CMHI | Santa Clara | 15 | 1110 | | |
| CMHJ | Cifuentes | 40 | 645 | | |
| CMJA | Camaguey | 10 | 1332 | | |
| CMJB | Ciego de Avila | 20 | 1276 | | |
| CMJC | Camaguey | 15 | 1321 | | |
| CMJE | Camaguey | 5 | 856 | | |
| CMK | Habana | 3000 | 730 | | |
| CMKA | Santiago de Cuba | 20 | 1450 | | |
| CMKB | Santiago de Cuba | 15 | 1199 | | |
| CMKC | Santiago de Cuba | 150 | 1034 | | |
| CMKD | Santiago de Cuba | 20 | 1100 | | |
| CMKE | Santiago de Cuba | 250 | 1250 | | |
| CMKF | Holguin | 30 | 1363 | | |
| CMKG | Santiago de Cuba | 30 | 1176 | | |
| CMKH | Santiago de Cuba | 250 | 1322 | | |
| CMQ | Habana | 250 | 1150 | | |
| CMW | Habana | 700 | 588 | | |
| CMX | Habana | 500 | 900 | | |

For tonight's big hour, buy new RCA Radiotrons

MEXICAN BROADCASTING STATIONS

| Call Letters | TRANSMITTER LOCATION | Power Watts | Kilo-cycles | Dial Setting | Kilocycle Index |
|--------------|----------------------|-------------|-------------|--------------|-----------------|
| XEA | Guadalajara..... | 100 | 1200 | | |
| XEB | Mexico City..... | 1000 | 1030 | | |
| XEC | Toluca..... | 50 | 1333 | | |
| XED | Reynosa..... | 10000 | 961 | | |
| XEE | Linares..... | 10 | 1000 | | |
| XEF | Oaxaca..... | 100 | 1132 | | |
| XEFA | Mexico City..... | 250 | 1250 | | |
| XEFE | Nuevo Laredo..... | 100 | 980 | | |
| XEG | Mexico City..... | 2000 | 910 | | |
| XEH | Mexico City..... | 100 | 1130 | | |
| XEI | Morelia..... | 100 | 1000 | | |
| XEJ | Ciudad Juarez..... | 100 | 857 | | |
| XEK | Mexico City..... | 100 | 990 | | |
| XEL | Saltillo..... | 10 | 1090 | | |
| XEM | Tampico..... | 500 | 841 | | |
| XEN | Mexico City..... | 1000 | 719 | | |
| XEO | Mexico City..... | 5000 | 940 | | |
| XEP | Nuevo Laredo..... | 200 | 1500 | | |
| XEQ | Ciudad Juarez..... | 1000 | 750 | | |
| XER | Mexico City..... | 100 | 674 | | |
| XES | Tampico..... | 500 | 890 | | |
| XET | Monterrey..... | 1500 | 630 | | |
| XETA | Mexico City..... | 500 | 1140 | | |
| XETF | Vera Cruz..... | 500 | 680 | | |
| XEU | Vera Cruz..... | 100 | 800 | | |
| XEV | Puebla..... | 100 | 1035 | | |
| XEW | Mexico City..... | 5000 | 780 | | |
| XEX | Mexico City..... | 500 | 1190 | | |
| XEY | Merida..... | 100 | 547 | | |
| XEZ | Mexico City..... | 500 | 588 | | |
| XFA | Mexico City..... | 50 | 500-600 | | |
| XFC | Aguascalientes..... | 350 | 804 | | |
| XFE | Villahermosa..... | 350 | 804 | | |
| XFF | Chihuahua..... | 250 | 923 | | |
| XFG | Mexico City..... | 2000 | 638 | | |
| XFH | Mexico City..... | 250 | — | | |
| XFI | Mexico City..... | 1000 | 818 | | |
| XFZ | Mexico City..... | 500 | 860 | | |

Add pep to your radio with new RCA Radiotrons

ACTIVE RELAY BROADCASTING STATIONS OF THE WORLD SHORT WAVE

| Call Letters | TRANSMITTER LOCATION | Kilo-cycles | Power Watts | Time Difference* |
|--------------|--|-------------|-------------|------------------|
| OK1MP1 | Prague, Czechoslovakia. . . . Elektra Company | 5169 | 5000 | 6:00 p.m. |
| HVJ | Vatican City, Rome, Italy . . Holy See | 5968 | 8000 | 6:00 p.m. |
| W9XF | Downer's Grove, Ill. Great Lakes Broadc't'g Co. | 6020 | 5000 | 11:00 a.m. |
| W2XAL | Coytesville, N. J. Aviation Radio Station, Inc. | 6040 | 500 | 12:00 noon |
| W3XAU | Byberry, Pa. Universal Broadcasting Co. | 6060 | 500 | 12:00 noon |
| W8XAL | Mason, Ohio Crosley Radio Corporation | 6060 | 250 | 12:00 noon |
| UON2 | Vienna, Austria. Oesterreichischer Radio | 6073 | 15000 | 6:00 p.m. |
| W9XAA | Chicago, Ill. Chicago Federation of Labor | 6080 | 500 | 11:00 a.m. |
| W3XAL | Bound Brook, N. J. National Broadcasting Co. | 6100 | 20000 | 12:00 noon |
| W2XE | Jamaica, L. I., N. Y. Atlantic Broadcasting Corp. | 6120 | 5000 | 12:00 noon |
| KZRM | Manila, P. I. Radio Corp. of Philippines | 6130 | 1000 | 1:00 a.m. |
| W8XK | E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co. | 6140 | 40000 | 12:00 noon |
| HRB | Tegucigalpa, Honduras. . . . Tropical Radio Tel. Co. | 6170 | 2300 | 11:00 a.m. |
| J1AA | Iwatsuki, Japan. Japan Wireless Tel. Co. | 7880 | . . . | 2:00 a.m. |
| VK3ME | Melbourne, Australia. Amalgamated Wireless | 9510 | . . . | 3:00 a.m. |
| OXY | Lyngby, Denmark. Dir. Gen. of Posts & Tel. | 9520 | 500 | 6:00 p.m. |

* Foreign time based on 12:00 Noon E.S.T. N.B.—This does not indicate that these stations broadcast at these times.

ACTIVE RELAY BROADCASTING STATIONS OF THE WORLD SHORT WAVE

| Call Letters | TRANSMITTER LOCATION | Kilo-cycles | Power Watts | Time Difference* |
|--------------|---|-------------|-------------|------------------|
| W2XAF | Schenectady, N. Y. General Electric Co. | 9530 | 40000 | 12:00 noon |
| | Koenigswusterhausen, Ger. Deutsche Welle G. M. B. H. | 9560 | 15000 | 6:00 p.m. |
| W1XAZ | E. Springfield, Mass. Westinghouse Elec. & Mfg. Co. | 9570 | 10000 | 12:00 noon |
| KZRM | Manila, P. I. Radio Corp. of Philippines | 9570 | 1000 | 1:00 a.m. |
| W3XAU | Byberry, Pa. Universal Broadcasting Co. | 9590 | 500 | 12:00 noon |
| PCJ | Hilversum, Holland. Phillips Lamp Works | 9590 | 12000 | 5:19:32 p.m. |
| LSX | Buenos Aires, Argentina. Transradio Internacional | 10350 | 12000 | 1:00 p.m. |
| VK2ME | Sydney, Australia. Amalgamated Wireless | 10520 | 20000 | 3:00 a.m. |
| CJRX | Middlechurch, Manitoba, Can. James Richardson & Sons, Ltd. | 11720 | 2000 | 11:00 a.m. |
| XDA | Mexico City, Mexico. National Telegraphs | 11728 | 5000 | 10:00 a.m. |
| G5SW | Chelmsford, England. British Broadcasting Corp. | 11750 | 9500 | 5:00 p.m. |
| | Koenigswusterhausen, Ger. Deutsche Welle, G. M. B. H. | 11760 | 15000 | 6:00 p.m. |
| HHP-2 | Bangkok, Siam. Min. of Commerce & Com. | 11774.2 | 15000 | 12:00 m'd't |
| W2XAL | Coytesville, N. J. Aviation Radio Station, Inc. | 11800 | 500 | 12:00 noon |
| I3RO | Rome, Italy. Ente Italiano Audizione Radiofoniche | 11800 | | 6:00 p.m. |

*Foreign time based on 12:00 Noon E.S.T. N.B.—This does not indicate that these stations broadcast at these times.

ACTIVE RELAY BROADCASTING STATIONS OF THE WORLD SHORT WAVE

| Call Letters | TRANSMITTER LOCATION | Kilo-cycles | Power Watts | Time Difference* |
|--------------|--|-------------|-------------|------------------|
| W9XAA | Chicago, Ill. Chicago Federation of Labor | 11840 | 500 | 11:00 a.m. |
| W2XE | Jamaica, L. I., N. Y. Atlantic Broadcasting Corp. | 11840 | 20000 | 12:00 noon |
| W2XK | E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co. | 11880 | 40000 | 12:00 noon |
| HVJ | Vatican City, Rome, Italy. Holy See | 15120 | 8000 | 6:00 p.m. |
| W2XK | E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co. | 15210 | 40000 | 12:00 noon |
| W2XAL | Coytesville, N. J. Aviation Radio Station, Inc. | 15250 | 500 | 12:00 noon |
| W2XE | Jamaica, L. I., N. Y. Atlantic Broadcasting Corp. | 15280 | 20000 | 12:00 noon |
| W2XAD | Schenectady, N. Y. General Electric Co. | 15340 | 25000 | 12:00 noon |
| PHI | Huisen, Holland. Phillips Lamp Works | 17775 | 130000 | 5:19:32 p.m. |
| W8XK | E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co. | 17780 | 40000 | 12:00 noon |
| W9XAA | Chicago, Ill. Chicago Federation of Labor | 17780 | 500 | 11:00 a.m. |
| W2XAL | Coytesville, N. J. Aviation Radio Station, Inc. | 21460 | 500 | 12:00 noon |
| W8XK | E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co. | 21540 | 40000 | 12:00 noon |

NOTE.—This list of active relay broadcasting stations of the world includes only major stations. There are many additional stations which operate at irregular intervals on low power, but it is believed that the average listener would not be interested in those stations. The list shows stations in all the broadcast bands which will serve as a basic calibration marker from which any other station may be readily picked up.

* Foreign time based on 12:00 Noon E.S.T. N.B.—This does not indicate that these stations broadcast at these times.

STATE INDEX TO BROADCASTING STATIONS

ALABAMA

Birmingham, WBRC*, WKBC,
WAPI Δ
Gadsden, WJBY
Mobile, WODX
Montgomery, WSFA
Talladega, WFDW

ARIZONA

Flagstaff, KFXY
Jerome, KCRJ
Phoenix, KTAR Δ , KOY
Prescott, KPJM
Tucson, KGAR, KVOA

ARKANSAS

Blytheville, KLCN
Fayetteville, KUOA
Ft. Smith, KFPW
Hot Springs, KTHS Δ
Little Rock, KLRA*, KGHI,
KGJF
Paragould, KBTM

CALIFORNIA

Berkeley, KRE
Beverly Hills, KMPC
Burbank, KELW
Culver City, KFVD
El Centro, KXO
Fresno, KMJ
Hayward, KZM
Hollywood, KNX, KFVB
Holy City, KFQU
Inglewood, KMCS
Long Beach, KFOX, KGER
Los Angeles, KFI Δ , KFSG,
KGEF, KGFI, KHJ*, KTBI,
KECA Δ , KMTR, KTM
Oakland, KLS, KLX, KROW
Pasadena, KPPC, KPSN
Sacramento, KFBK

San Bernardino, KFXM
San Diego, KFSD Δ , KGB*
San Francisco, KTAB, KGO Δ ,
KFRC*, KFWI, KJBS,
KPO Δ , KGGC, KYA
San Jose, KQW
Santa Ana, KREG
Santa Barbara, KDB
Santa Maria, KSMR
Stockton, KGDM, KWG

COLORADO

Colorado Springs, KVOR*
Denver, KFEL, KFUP, KFXF,
KOA Δ , KPOF, KLZ*
Edgewater, KFXJ
Fort Morgan, KGEW
Greeley, KFKA
Pueblo, KGHF
Trinidad, KGIW
Yuma, KGEK

CONNECTICUT

Bridgeport, WICC
Hartford, WRDC*, WTIC Δ
Storrs, WCAC

DELAWARE

Wilmington, WDEL, WILM

DISTRICT OF COLUMBIA

Washington, WMAL*, WRC Δ ,
WOL

FLORIDA

Clearwater, WFLA Δ , WSUN Δ
Gainesville, WRUF
Jacksonville, WJAX Δ
Miami Beach, WIOD Δ , WMBF,
WQAM*
Orlando, WDBO*
Pensacola, WCOA
Tampa, WDAE*, WMBR

Δ National Broadcasting Company.

* Columbia Broadcasting System.

GEORGIA

Atlanta, WGST*, WSB △
Augusta, WRDW
Columbus, WRBL
Macon, WMAZ
Rome, WFDV
Savannah, WTOC*
Thomasville, WQDX
Tifton, WRBI
Toccoa, WTFI

IDAHO

Boise, KIDO
Idaho Falls, KID
Nampa, KFXD
Pocatello, KSEI
Sandpoint, KGKX
Twin Falls, KTFI

ILLINOIS

Carthage, WCAZ
Chicago, KYW △, WAAF,
WBCN, WCFL △, WCHI,
WCRW, WEDC, WENR △,
WGES, WKBI, WPCC,
WGN*, WMAQ △, WMBI,
WBBM*, WSBC, WIBO △,
WJBT, WLIB, WLS △,
KFKX △
Cicero, WHFC
Decatur, WJBL
Evanston, WEHS
Galesburg, WKBS
Harrisburg, WEBQ
Joliet, WCLS, WKBB
La Salle, WJBC
Mooseheart, WJJD*
Mount Prospect, WJAZ
Peoria Heights, WMBD
Quincy, WTAD
Rockford, KFLV
Rock Island, WHBF
Springfield, WCBS, WTAX
Tuscola, WDZ
Urbana, WILL
Zion, WCBD

INDIANA

Anderson, WHBU

Connersville, WKBV
Culver, WCMA
Evansville, WGBF
Fort Wayne, WGL*, WOWO*
Gary, WJKS
Hammond, WWAE
Indianapolis, WFBM*, WKBF
La Porte, WRAF
Marion, WJAK
Muncie, WLBC
South Bend, WSBT
Terre Haute, WBOW
W. Lafayette, WBAA

IOWA

Ames, WOI
Boone, KFGQ
Cedar Rapids, KWCR
Clarinda, KSO
Council Bluffs, KOIL*
Davenport, WOC △
Decorah, KGCA, KWLC
Des Moines, WHO △
Ft. Dodge, KFJY
Iowa City, WSUI
Marshalltown, KFJB
Muscatine, KTNT
Ottumwa, WIAS
Red Oak, KICK
Shenandoah, KFNF, KMA
Sioux City, KSCJ*
Waterloo, WMT*

KANSAS

Dodge City, KGNO
Kansas City, WLBF
Lawrence, KFKU, WREN △
Manhattan, KSAC
Milford, KFKB
Topeka, WIBW*
Wichita, KFH*

KENTUCKY

Covington, WCKY △
Hopkinsville, WFIW*
Louisville, WHAS △, WLAP*
Paducah, WPAD

LOUISIANA

Monroe, KMLB
New Orleans, WABZ, WJBO,
WJBW, WSMB△, WWL,
WDSU*
Shreveport, KTSL, KWEA,
KRMD, KTBS, KWKH

MAINE

Augusta, WRDO
Bangor, WABI, WLBZ*
Portland, WCSH△

MARYLAND

Baltimore, WCAO*, WCBM,
WBAL△, WFBR△
Cumberland, WTBO

MASSACHUSETTS

Boston, WBZA△, WEEL△,
WNAC*, WSSH, WLOE,
WBIS, WHDH, WAAB*
Fall River, WSAR
Lexington, WLEX, WLEY
Needham, WBSO
New Bedford, WNBH
South Dartmouth, WMAF
Springfield, WBZ△
Worcester, WTAG△, WORC*
WEPS

MICHIGAN

Battle Creek, WELL
Bay City, WBCM*
Berrien Springs, WKZO
Calumet, WHDF
Detroit, WMBC, WWJ△,
WJR△, WXYZ*
East Lansing, WKAR
Flint, WFDF
Grand Rapids, WASH, WOOD
Highland Park, WJBK
Jackson, WIBM
Lapeer, WMPC
Ludington, WKBZ
Royal Oak, WEXL

MINNESOTA

Fergus Falls, KGDE
Minneapolis, WDGY, WHDI,

WLB, WRHM, WCCO*,
WGMS
Moorhead, KGFK
Northfield, KFMX, WCAL
St. Paul, KSTP△

MISSISSIPPI

Greenville, WRBQ
Gulfport, WGCM
Hattiesburg, WRBJ
Jackson, WJDX△
Meridian, WCOG
Tupelo, WDIX

MISSOURI

Cape Girardeau, KFVS
Clayton, KFUG
Columbia, KFRU
Grant City, KGIZ
Jefferson City, WOS
Joplin, WMBH
Kansas City, KWKC, WDAF△,
WOQ, WHB, KMBC*
St. Joseph, KGBX, KFEQ
St. Louis, KFWF, KSD△,
KWK△, WEW, WIL,
KMOX*

MONTANA

Billings, KGHL
Butte, KGIR
Great Falls, KFBB
Kalispell, KGEZ
Wolf Point, KG CX

NEBRASKA

Clay Center, KMMJ
Lincoln, KFAB△, KFOR, WCAJ
Norfolk, WJAG
North Platte, KGNF
Omaha, WAAW, WOW△
Ravenna, KGFV
Scottsbluff, KGKY
York, KGBZ

NEVADA

Las Vegas, KGIX
Reno, KOH*

NEW HAMPSHIRE

Laconia, WKAV

NEW JERSEY

Asbury Park, WCAP
Atlantic City, WPG*
Camden, WCAM
Hackensack, WBMS
Jersey City, WAAT, WKBO,
WHOM
Newark, WAAM, WGCP,
WNJ, WOR
Paterson, WODA
Red Bank, WJBI
Trenton, WOAX

NEW MEXICO

Albuquerque, KGGM
Raton, KGFL
State College, KOB

NEW YORK

Albany, WOKO*
Auburn, WMBO
Binghamton, WNBFB
Brooklyn, WBBC, WBBR,
WLTH, WMBQ, WCLB,
WCGU, WFOX
Buffalo, WEBR, WGR*,
WKBW*, WSVS, WMAK,
WBEN △
Canton, WCAD
Freeport, WGBB
Glens Falls, WGBF
Ithaca, WLCI, WEAI
Jamaica, WMRJ
Jamestown, WOCL
Long Island City, WL BX
New York, WBNX, WHN,
WJZ △, WMCA, WMSG,
WNYC, WPCH, WRNY,
WABC*, WOV, WQAO,
WLWL, WBOQ, WCDA,
WEAF △, WEVD, WGBS,
WHAP, WPAP
Patchogue, WPOE

Rochester, WHAM △, WHEC*,
WABO
Saranac Lake, WNBZ
Schenectady, WGY △
Syracuse, WFBL*, WSYR,
WMAC
Troy, WHAZ
Tupper Lake, WHDL
Utica, WIBX
Woodside, WWRL
Yonkers, WCOH

NORTH CAROLINA

Asheville, WWNC △
Charlotte, WBT*
Gastonia, WSOC
Greensboro, WBIG
Raleigh, WPTF △
Wilmington, WRBT
Winston-Salem, WSJS

NORTH DAKOTA

Bismarck, KFYR △
Devils Lake, KDLR
Fargo, WDAY △
Grand Forks, KFJM
Mandan, KGCW
Minot, KLPM

OHIO

Canton, WHBC
Cincinnati, WKRC*, WSAI △,
WLW △, WFBE
Cleveland, WHK*, WJAY,
WTAM △, WGAR △
Columbus, WAIU*, WCAH*,
WEAO, WSEN
Dayton, WSMK
Mansfield, WJW
Mt. Orab, WHBD
Steubenville, WIBR
Tallmadge, WADC*
Toledo, WSPD*
Youngstown, WKBN*
Zanesville, WALR

OKLAHOMA

Alva, KGFF
Chickasha, KOCW
Elk City, KGMP
Enid, KCRC
Norman, WNAD
Oklahoma City, KFJF*, KFXR,
KGFG, WKY △
Ponca City, WBBZ
South Coffeyville, KGGF
Tulsa, KVOO △

OREGON

Astoria, KFJI
Corvallis, KOAC
Eugene, KORE
Marshfield, KOOS
Medford, KMED
Portland, KEX, KOIN*, KBPS,
KFJR, KGW △, KTBR,
KWJJ, KXL

PENNSYLVANIA

Allentown, WCBA, WSAN
Altoona, WFBG
Carbondale, WNBW
Elkins Park, WIBG
Erie, WEDH
Grove City, WSAJ
Harrisburg, WBAK, WCOD,
WHP*
Johnstown, WJAC
Lancaster, WGAL, WKJC
Lewisburg, WJBU
Oil City, WLBW*
Philadelphia, WCAU*, WFI △,
WIP, WLIT △, WRAX,
WPEN, WFAN*, WELK,
WHAT, WTEL
Pittsburgh, KQV, WCAE △,
WJAS*, KDKA △
Reading, WRAW
Scranton, WGBI, WQAN
Silver Haven, WNBO
State College, WPSC
Wilkes-Barre, WBAX, WBRE
Williamsport, WRAK

RHODE ISLAND

Newport, WMBA
Pawtucket, WPAW
Providence, WEAN*, WJAR △,
WDFW, WLSI

SOUTH CAROLINA

Charleston, WCSC
Columbia, WIS △
Spartanburg, WSPA

SOUTH DAKOTA

Brookings, KFDY
Huron, KGDY
Mitchell, KGDA
Pierre, KGFX
Rapid City, WCAT
Sioux Falls, KSOO
Vermilion, KUSD
Watertown, KGCR
Yankton, WNAX*

TENNESSEE

Bristol, WOPI
Chattanooga, WDOD*
Knoxville, WFBC, WROL,
WNOX*
Memphis, WGBC, WHBQ,
WMC △, WNBR, WREC*,
WOAN
Nashville, WLAC*, WSM △
Springfield, WSIX
Union City, WOBT

TEXAS

Abilene, KFYO
Amarillo, KGRS, WDAG
Austin, KUT
Beaumont, KFDM
Brownsville, KWWG
Brownwood, KGKB
College Station, WTAW
Corpus Christi, KGFI
Dallas, KRLD*, WFAA △,
WRR*
Dublin, KFPL
El Paso, WDAH, KTSM

TEXAS (Cont'd)

Fort Worth, KFJZ, WBAP Δ ,
KTAT
Galveston, KFLX, KFUL
Greenville, KFPM
Harlingen, KRGV
Houston, KTRH*, KPRC Δ ,
KTLC, KXYZ
San Angelo, KGKL
San Antonio, KONO, KTAP,
KTSA*, WOAI Δ , KMAC
Waco, WACO*
Wichita Falls, KGKO

UTAH

Ogden, KLO
Salt Lake City, KDYL*, KSL Δ

VERMONT

Burlington, WCAX
Rutland, WSYB
Springfield, WNBX
St. Albans, WQDM

VIRGINIA

Alexandria, WJSV
Arlington, NAA
Danville, WBTM
Emory, WEHC
Lynchburg, WLVA
Newport News, WGH
Norfolk, WTAR*, WPOR
Petersburg, WLBG
Richmond, WBBL, WMBG,
WRVA Δ
Roanoke, WDBJ*, WRBX

WASHINGTON

Aberdeen, KXRO
Bellingham, KVOS
Everett, KFBL

Lacey, KGY
Pullman, KWSC
Seattle, KOL*, KFQW, KJR,
KOMO Δ , KPCB, KRSC,
KTW, KVL, KXA
Spokane, KFIO, KFPY*, KGA,
KHQ Δ
Tacoma, KMO, KVI*
Walla Walla, KUJ
Wenatchee, KPQ
Yakima, KIT

WEST VIRGINIA

Bluefield, WHIS
Charleston, WOBU
Fairmont, WMMN
Huntington, WSAZ
Wheeling, WWVA*

WISCONSIN

Eau Claire, WTAQ*
Fond du Lac, KFIZ
Green Bay, WHBY
Janesville, WCLO
La Crosse, WKBH
Madison, WHA, WIBA Δ
Manitowoc, WOMT
Milwaukee, WHAD, WISN*,
WTMJ Δ
Poynette, WIBU
Racine, WRJN
Sheboygan, WHBL
South Madison, WISJ
Stevens Point, WLBL
Superior, WEBC Δ

WYOMING

Casper, KDFN



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