How to Fix Sets for Best Reception

Radio Digest

TWICE A MONTH

FIFTEEN CENTS

FIRST JANUARY NUMBER

Title Reg. U. S. Pat. Off. & Dom. of Canada

Vol. XIX No. 6

Guyon Explains How to Make Sets Tune Out Stations; Fourth Section of Whozit Game; Marcella; Hay and Kay at Play; Ford and Glenn at WLW; Revised Station Directory

RADIO LEADERS GIVE IDEAS ON RADIO LAW

COORDINATING COMMITTEE MAKES OFFICIAL REPORT

Asks Duplex Control, Recognition of Stations' Priority and Service Rights and Five Year Licenses

WASHINGTON, D. C.—The National Radio Coordinating Committee has delivered its report to Congress, and while not sensational, the committee's report contains much sensible thought for the legislative solution of the present broadcasting muddle which now demands immediate remedy. The report's high points are:

1. The committee favors a control consisting of two bodies—a federal Radio commission and the department of commerce, whose functions shall be as determined in the House (White) bill.

2. The Radio law should contain a recognition of rights as between individual broadcasters as distinguished from the vested rights of the United States.

3. The right of priority of operation (meaning the allocation and use of wave lengths) should be thoroughly defined, determining this right on (a) the length of time during which stations existing at the time the proposed Radio act becomes a law, have operated, (b) The character of service rendered by them, and (c) the requirements of their zones and communities for Radio service.

Defend Rights of Discretion

4. The term of broadcast license should be for not less than five years, providing that the licensee is operating his station regularly and properly.

5. Broadcasters should not be deprived of their rights to refuse the advertising or to refuse to render a service at their discretion or to reestablish rates commensurate with the time and character of a program in exactly the same manner as newspapers, for reason of dishonesty or false statement may refuse to accept advertising copy for publication.

6. Unauthorized rebroadcasting of any one station's material by another station should not be permitted.

Committee Represents Whole Industry

The coordinating committee of the Radio industry represents all branches of the industry in the present fight for adequate legislation.

Great care has been taken by the committee to present an organized and coordinated report to Congress, that this session without further ado may know what is required immediately in legislation.

Stations Must Waive Rights When Signing for Relicense

WASHINGTON, D. C.—Since the signing of the emergency Radio resolution by President Coolidge, which passed at the last session of Congress, the Radio section of the department of commerce in renewing old station licenses is making all applicants sign a waiver which is provided for in the law. The waiver follows:

"As required as a part of the application for station hereto attached, the applicant hereby waives any right or claim of right, as against the United States, to any wave length, or to the use of the ether in Radio transmission, because of previous license to use the same or because of the use thereof."

New Stations

New stations licensed by the department of commerce last month include: WWPR, Detroit, Mich., 300m-999.4kc; KGDO, Dallas, Texas, 285m-1052kc; KXL, Portland, Ore., 400m-749.6kc; WLCI, Ithaca, N. Y., 266m-1127kc; WKBU, New Castle, Pa., 238m-1260kc; WEKD, Philadelphia, Pa., 249.9m-1200kc; KFQX, Seattle, Wash., 210m-1428kc; KVOS, Seattle, Wash., 333.1m-900kc; WLBH, Farmingdale, N. Y., 230m-1304kc; WMVM, Newark, N. J., 475.9m-630kc; KGCU, Mandan, N. D., 285m-1052kc; WABF, Pringleboro, Pa., 410.7m-730kc; WPEP, Waukegan, Ill., 212.6m-1410kc; KGDP, Pueblo, Colo., 260.7m-1150kc; KGEA, Seattle Wash., 345m-869kc; WRRS, Racine, Wis., 360m-832.8kc; WPAB, Norfolk, Va., 319m-940kc; KGDR, San Antonio, Texas, 240m-1249kc; WWVA, Wheeling, W. Va., 348.6m-860kc; WLBI, East Wenona, Ill., 296.9m-1010kc.

New call letters will be heard from the following stations: WWNC, Asheville, N. C., formerly WABC; KTAP, San Antonio, Texas, formerly KGCM; WTHO, Ferndale, Mich., formerly WJAF.

The following stations changed wave lengths: WKBO from 309.1m-970kc to 303.9m-980kc; WCOA from 222.1m-1350kc to 252m-1190kc; WSAR from 254.1m-1180kc to 322m-930.1kc; WKBM from 215.7m-1390kc to 285.5m-1050kc; KFVD from 205.4m-1460kc to 208m-1441kc; WOAN from 282.8m-1060kc to 356.4m-841.2kc; KGCL from 230.6m-1300kc to 238m-1260kc; WFCI from 299m-1109kc to 258.5m-1160kc; KWTC from 260.7m-1150kc to 263m-1140kc; KRLD from 357.1m-839.6kc to 353m-849.4kc; KSBA from 312.6m-959kc to 260.7m-1150kc.

The Triangle Broadcasters are now the owners of WHFC, Chicago, Ill. KFVR, Denver, Colo., has been taken over by the Olinger Broadcasting Corporation. WWNC, the new call of the old Asheville, N. C., station, WABC, also changes owners and is now managed by the Asheville Chamber of Commerce. The State Teachers College takes over KFKZ. WTAL is now the voice of the Toledo Broadcasting Company.

J. LOUIS GUYON

When WGN sued WGES for interference, the Chicago Tribune station reckoned not with the fight in J. Louis Guyon, WGES owner. Story is given in full on page 3.

VICTOR ON AIR AGAIN STARTING EVE JAN. 1

MORE THAN SCORE OF STATIONS TO BROADCAST

Program Heralds New "Blue" Network of N. B. C. Embracing WJZ, WBZ, KDKA and KYW

NEW YORK.—The Victor Talking Machine Company will sponsor another series of programs by world famous artists, the opening concert to be broadcast on New Year's night, January 1, it has been announced by the National Broadcasting Company.

The opening program will be of two hours' duration, from 9:00 to 11:00 P. M., Eastern Time, and broadcast through more than a score of stations, including WEAF and WJZ in New York.

The opening Victor program also inaugurates a new chain of the National Broadcasting Company with WJZ as the "key" station. The chain will be known as the "Blue Network" and will allow simultaneous broadcasting from WJZ through WBZ, KDKA and KYW. For the broadcasting of the first Victor program the "Blue Network" will be joined with the "Red Network," as the WEAF chain is to be known, as well as other stations throughout the country.

Following the New Year's night presentation, Victor concerts will be broadcast bi-monthly on Friday nights from 9:00 to 10:00 o'clock, Eastern time, through the "Blue Network."

FRONT COVER GIRL IS MAYBELLE CARSTENS

OUT of the fragrant land of roses and apple blossoms comes the demure maiden who greets you on the Radio Digest cover this issue. Her name is Miss Maybelle Carstens and she is a favorite with a very large circle of admirers who listen to the programs broadcast by KWSC of the Washington State College at Pullman, Washington. Miss Carstens is a reader and a regular member of the staff.

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Radio Digest, Illustrated, Volume XIX, Number 6, published Chicago, Illinois, January 1, 1927. Published semi-monthly on the first and fifteenth of each month by Radio Digest Publishing Co. (Incorporated), 510 N. Dearborn Street, Chicago, Illinois. Subscription rates yearly, Three Dollars; Foreign Postage One Dollar additional; single copies Fifteen Cents. Entered as second class matter May 3, 1926, at the post office at Chicago, Illinois, under the Act of March 3, 1879. Title Reg. U. S. Patent Office and Dominion of Canada.
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Looking Ahead

The Half Way Milestone Is Passed in Whozit—and several score of Radio listeners have half won one of the $26,000.00 in prizes. Are you a possible winner? Fifth section of the fascinating Whozit game in January 15 issue.

"Children's Hour at KHJ" is one of the short features to appear next issue. Read about "Uncle John" and his helpers. "Voices of WPCH" and other interesting stories will accompany.

COMING—A Super-Het That Heard the Philipines, and that right through the Chicago barrage, will soon be described how to build. YOU ALL will want to make this wonderful receiver—the last word!

Special articles about broadcasting stations and artists, with photographs, and NON-RADIO fiction 5,000, 10,000 and 30,000 words in length are desired. No manuscripts accepted unless typewritten and prepaid, or returned without return postage being inclosed. All manuscripts are sent at owner's risk.

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SHORT WAVES

By Marcella

Fred Jeske; "Chubby" Parker; Charlie Schultz and Lee Sims; Arthur F. Edes; "Uncle John" Daggett; Louis John Johnen; WFAA Favorites; Edith Carpenter and Grace Ingram; Milton J. Cross; Stuart Dawson; O. D. Temple; Harry Bailey.

OH thanks, awfully, and I wish the same to you. Yes indeedy, the loveliest sort of Christmas and truly I'm fairly bursting with happiness. You can't imagine all the darling things I received and I'm dying to tell you all about them but my desk is heaped high with letters, still unanswered. The greatest happiness Marcella can anticipate for the New Year is a yard or more of space in this semi-monthly compendium to print answers to all the interesting letters she receives.

* *

And may the good Lord bless my most intimate circle of regulars. I count Dee of Canaan one of these and here's the best I can do for her. For Request No. 1 she would like to see a t. n. of Fred Jeske. Here he is, Dee. He is a darlin' lookin' man with his dark, wavy hair and pearly teeth—that smile is the most captivatin' smile, too. And Ben Pratt, the mischievous publicity director of WBBM, Chicago, tells me that Fred simply knocks 'em dead everywhere he goes—and he goes when nights are silent at WBBM. Furthermore Ben says the young gentleman has no conjugal entanglements.

* *

Elsie Swendsen of Pickardsville, N. Dak., writes: "Can you tell me anything about Chubby Parker at WLS, Chicago; good looking, young, married etc.?" I'm telling you with a thumbnail, Elsie. Yep, he's m. and has a daughter. Chubby writes his own songs and plays a little old five-string 'jo. He finished at Purdue after he had grown up with the tall corn in Iowa.

* *

The best information I can get about Charlie Schultz and Lee Sims is that they are doing some independent booking in vaudeville and there is a rumor that they are working toward Broadway. You are right about G. R.

* *

Although I have not at this moment a letter inquiring about Mr. Arthur F. Edes, chief announcer and program director at WEEI, the publicity director sends me his picture and thought you would like to see what a nice looking young chap he is. Like him? Hasn't he a boyish face? Never would suppose he was experienced enough to announce the intricate tonguetwisting titles and names associated with the selections played by a symphony. But Arthur F. Edes is the boy who can do it and did do it for the Boston Symphony all last season.

* *

Mrs. W. H. Walker at Willows, Cal., would like to know something about Uncle John Daggett at KHJ, Los Angeles. You might still call him a blushing bride-groom and he has a most interesting history—too big and important to be considered in a paragraph like this. When the Los Angeles Times opened up KHJ they looked over the editorial staff to find a man with sufficient knowledge and experience to understand how to amuse the little listeners. You know a newspaper man is supposed to be rather hard boiled but Uncle John found a true vent to a repressed complex and the children took to him like a true uncle. Well it looks as though the up-shot of it all was, Uncle John found the right lady to say "yes."

* *

Yes, Mr. Louis John Johnen has joined the staff of the WFBE station, recently moved to Cincinnati from Seymour, Ind. It is located on the Garfield Hotel and if you wish to find him, Leona E. Fischer, you may do so by turning your dials to 232.4, somewhat down from the old WLW wave. The station has been stepped up to 1,000 watts. Mr. Johnen has asked me to send the season's greetings to you and all of his other friends through this column. You have 'em.

* *

Elizabeth Walling of Amber, Okla., has been very patiently waiting for information about some of her favorites at WFAA, Dallas. Charles Frederick Baker is tall, handsome and twenty-one. He's rather aloof toward us girls but Mr. L. B.

(Continued on page 4)

GUYON PROVES SETS ARE FAULTY

INTERFERENCE VERY OFTEN LONG AERIAL

WGES OWNER PAYS ENGINEERS TO REMEDY EVILS

Gains Friendship of Chicago Fans by Educating Them to Proper Use of Radio Sets

CHICAGO.—What is believed to be a world record response by a Radio public to programs broadcast from one station is pouring in these days on Station WGES which is fighting attempts by Station WGN to have it vacate the wave length of 315.6 meters which it now occupies.

WGN, which occupies a wave length of 302 meters, forty kilocycles removed from WGES, originally obtained an injunction in court to restrain J. Louis Guyon, proprietor of WGES, from broadcasting on the 315.6-meter wave. Judge Francis Wilson later modified the injunction to permit WGES to broadcast on any wave length that does not materially interfere with WGN. At this Mr. Guyon returned WGES to its 315.6-meter and resumed broadcasting. After some weeks WGN obtained from Judge Wilson an order on J. Louis Guyon to show cause why he was not in contempt of court, the claim of WGN's managers being that WGES was causing interference again.

YOU complain of interference, but how about shortening your antenna? In nine cases out of ten, Guyon engineers find listeners attempting the impossible; using antenna systems from fifty to 175 feet long—and then expecting to separate powerful local stations. Here are some tips in brief, given below in full:

1. Shorten your aerial to thirty feet, including lead-in.

2. Change the position of your receiver. Try it in various parts of the room.

3. Loosen your antenna coupling, if your set permits.

4. Make a wave trap. It need not cost over $1.25.

5. Inspect your tubes and connections. Read the instruction book that came with your receiver.

Guyon Engineers Fix Faulty Sets

When WGES made its return to the air, J. Louis Guyon made a series of addresses from WGES asking the Radio public to support him in his fight for the freedom of the air and asking those persons whose faulty sets caused interference between WGN and WGES, to give him an opportunity to send Radio Engineers to their homes to correct the mechanical errors.

Letters from persons who followed Mr. Guyon's instructions in removing interference and who now can get WGES and WGN with plenty of room between, are many.

Fight Beneficial to Public

Mr. Guyon in one of his talks said, "The average Radio set owner who gets a few high-powered stations on his set is content. He does not realize that with care given to his machine and the acquisition of a little skill he can bring many more stations. Educate him in the easy and simple ways of eliminating interference and his pleasure and joy in Radio is increased. If my fight to keep on the air and to prevent monopoly of this avenue of free speech has done nothing else, it has at least educated thousands of listeners to a fuller enjoyment of Radio.

Guyon Asks Fair Test of Sets

"Boiled down to its essence the contest between WGN and WGES is this: Is forty kilocycles enough separation between stations?

"My answer has been that forty kilocycles is enough separation; that forty kilocycles or LESS separates twenty-five out of the thirty-one licensed stations in the Chicago field. Scores of authorities and leading engineers bear me out in this. Many authorities specify thirty kilocycles or twenty kilocycles as enough, and some say ten is ample.

"Interference exists on faulty sets. My plea has been to have these sets fixed and my argument has been that no owner of such a set should allow himself to be drawn into either side of the controversy until he has had engineers look over his Radio to find where its errors lie."

The Guyon engineers were interviewed. These men, who have been doing a great work in improving Chicago Radio installations so that their owners may separate such stations as WGN and WGES, reported as follows:

Hints to Improve Reception

"In about nine cases out of ten we find that the antenna system is at fault. Most antennas are entirely too long. People buy a set, take it home and hook it to an old aerial. We find aerials up to 175 feet long in use. We would suggest about thirty feet, including the lead-in, and very seldom more than fifty feet. We recommend the use of two antennas with a switch, one long and one short; the short aerial for selectivity, the long for distance.

"We have also learned that by simply changing the position of the receiving set, we have been able to totally eliminat' interference in a number of cases. A set with a metal panel should be placed with the broad side of the panel faced toward the station which the listener wants to eliminate.

"A set using a circuit arrangement similar to the Bremer Tully, with variable antenna coupling, can be made unbelievably selective by 'loosening' the coupling in the antenna circuit.

How to Make $1.25 Wave Trap

"Finally, we assemble a wave trap from the cheapest parts obtainable for $1.25; $1.00 for the 23-plate variable condenser and 25c for the radio frequency transformer. We connect the large coil or secondary of the transformer across the 23-plate condenser, and then hook one end of the small coil or primary to the antenna binding post of the receiver. The other end of the small coil is hooked to the antenna lead-in. It always works.

"For a super-heterodyne, the wave trap's small coil or primary is put in

(Continued on page 28)

EUNICE HOEFFER, WBBM ORGANIST

Like St. Cecelia at the organ, Eunice Hoeffer of WBBM sits serene as she entertains with the Barton of the Stewart-Warner Air Theater. Yes, she's single. Line forms on the right.

WHOZIT SCHEDULE JANUARY 1-15

Eastern	Central	Mountain	Pacific	Station
12 n.	11	10	9	WHT (399.8) Daily except Sundays. WMAK (265.6) Daily.
6:50 p.m.	5:50	4:50	3:50	WOW (526) Daily.
7	6	5	4	WOC (483.6) Daily.
7:15	6:15	5:15	4:15	WMAK (265.6) Daily.
7:30	6:30	5:30	4:30	WHK (272.6) Fridays. WMCA (340.7) Fridays, Saturday.
7:50	6:50	5:50	4:50	WJAX (336.9) Daily except Thursdays.
8	7	6	5	KVOO (374.8) Daily except Sundays. WHT (399.8) Daily ex Sun., Mon. WMCA (340.7) Wednesday, Sunday.
8:30	7:30	6:30	5:30	WPG (299.8) January 3 and 10.
8:45	7:45	6:45	5:45	WHB (365.6) Mon., Wed., Fri.
9	8	7	6	CKY (384.4) Thursday, Saturday. KPRC (296.9) Daily except Friday. WHT (238) Daily except Mondays. WJR (516.9) Monday, Wednesday. WPG (299.8) January 7 and 14. WSM (282.8) Mon., Wed., Fri., Sat
9:15	8:15	7:15	6:15	WNAC (431) Wednesdays.
9:30 p.m.	8:30	7:30	6:30	CKY (384.4) Monday, Wednesday. WHB (365.6) Tuesday, Thursday.
10	9	8	7	WHK (272.6) Mondays, Wednesdays. WSOE (245.9) Monday.
10:15	9:15	8:15	7:15	KOA (322.4) Friday. WMCA (340.7) Thursdays.
10:30	9:30	8:30	7:30	WMC (499.7) Thursday.
11	10	9	8	KMOX (280.2) Daily. KTHS (374.8) Daily. WHK (272.6) Tuesdays. WHT (399.8) Daily except Monday. WLW (422.3) Daily except Friday. WOOD (242) Daily (Off air temporarily).
11:30	10:30	9:30	8:30	KJR (384.4) Daily. WMAK (265.6) Tuesday.
12 m.	11	10	9	WHT (399.8) Daily except Monday. WJR (516.9) Saturday.
12:05 a.m.	11:05	10:05	9:05	WHK (272.6) Saturdays.
1	12	11	10	KVOO (374.8) Mon., Thurs., Sat. WHB (365.6) Sunday.
1:15	12:15	11:15	10:15	KFWB (252) Daily.

WHOZITEERS WORLD OVER REPORTS SHOW

ENGLAND AND ORMISTON ENTHUSED ABOUT IT

Not Too Late to Start—Players Warned Not to Send in Solutions Before Close of Contest

(Whozits on Pages 10, 12 and 13)

Whozit is growing.

China and Japan are still to be heard from, but a telegram from WPG, the Atlantic City Whoozit station, states, "Received fifty-two letters from Europe by one mail, twenty-six reported hearing our first Whozit broadcast and inquired particulars."

All over the United States and Canada folks are playing the game of Whozit. It has even become identified with the leading news dispatches.

When Charles Blake, reporter for the Chicago Herald and Examiner, discovered and apprehended the elusive Mr. Ormiston and began to question the latter concerning his companion in the cottage at Carmel-by-the-Sea he answered with "wise cracks" quoted as follows in the Los Angeles Evening Herald:

Q. Were you alone when you left Oakland?

A. That sounds like a new jazz tune by Irving Berlin.

Q. If "Miss X" was not Mrs. McPherson who was it?

A. Are you referring to the new Radio Whozit game?

Q. Where is Miss X now?

A. Between W and Y and always was.

Q. Have you heard from her recently?

A. What do you mean by recently? How long is a piece of string?

And so it went. And so it goes. A letter from a vaudeville team in New York requests permission to use the name of "Whozit" in a stage stunt. The request was granted.

Still Opportunity to Begin

From Seattle to Jacksonville and from Los Angeles to New York and Boston, twenty-four of the greater broadcasting stations are playing the game for the $26,000 in prizes to be awarded Whoziteers—those who listen and play.

For those who have not yet joined the game there is still an opportunity. Order the back copies and begin now. One thousand dollars will be awarded by Radio Digest to the winners at each of the twenty-four broadcasting stations. There will be two grand prizes of $1,000 each for the ones who have the highest score of all twenty-four stations. The rules of the game and full information as to conditions appear on page 15 of this issue of Radio Digest. Schedule appears at left.

The rules state specifically that all assembled Whozit pictures are to be held until the close of the series. This fact is emphasized here because quite a number of Whozit pictures have been sent in and are, of course, incomplete.

Don't Drop Out; Stick to It!

It looks easy to cut the pictures apart and assemble them correctly and it is easy. But one of the qualities for a successful Whoziteer is "stick-to-it-iveness." That may be taken both literally and figuratively. You stick the segments together in their proper order and you stick to the game until the last picture in the eighth game is complete. The losers will be those who drop out before the game is finished.

Whozit clubs and Whozit parties are growing in vogue and many letters are being received from those who have found a neighborhood Whozit party not only a novelty but an intensely interesting game of wits. The host or hostess usually supplies the guests with little game tables, scissors, copies of Radio Digest, paste and pencils. The first ones through win the trophies.

RADIO CLUBS NOTICE! SEND US YOUR NAMES

RADIO DIGEST desires as nearly complete a list of all Radio clubs as possible. To help make this list, the corresponding officers are asked to send the name of their club, number of members, and mailing address at once to the Radio Club Editor, Radio Digest, 510 N. Dearborn Street, Chicago.

Each club sending in this information in due course will receive a mimeographed list of all Radio clubs and their addresses which this publication has on file. Other valuable information will follow.

WABC REPLACES OLD GREBE ETHER CALL

POWEL CROSLEY, JR., GIVES FANS XMAS PRESENT

East vs. West Game on Air—KJR 20,000 Watter—WOW Heard 1,012 Miles on Crystal Set

NEW YORK.—The middle of December saw the launching of a new and great broadcasting enterprise here when the Atlantic Broadcasting Corporation officially took over the Grebe Radio group of broadcasting stations, including WAHG, whose call has been changed to WABC and equipment provided with the the latest type 5,000-watt Western Electric transmitter, and Station WBOQ, whose power is 500 watts.

The new and spacious studios atop Steinway hall, decorated by George Waters and Company, are done ornately lavish but in the best of taste.

In common with many other high class stations, a portion of the programs of the Atlantic Broadcasting Corporation will be made possible through advertising patronage. The officers of the company are Alfred H. Grebe, president, Douglas Rigney, treasurer, and Fay L. Faurote, vice president and general manager.

WLW Studio Organ on Great Chain

CINCINNATI.—A gigantic and bountiful Christmas gift to the Radio audience of America was presented Christmas day through a chain of seventeen stations of the WEAF or "Red" network, including WLW, when the Crosley Radio Corporation studio organ was heard in a special afternoon concert played by three distinguished organists, Paul Staderman, Lillian Plogstedt and Johanna Grosse. Powel Crosley was Santa Claus in this case, financing the program.

WBAP Does Remote Control Stunt

FORT WORTH, Texas.—On a recent Saturday evening the famous Sunflower Girl of WBAP was heard singing via that station by remote control—in fact she was just 111 miles away—in Wichita Falls, Texas. The Hired Hand was there, too, and all because D. L. Fritz, automobile dealer of Wichita Falls, wanted his friends to see the pair in action.

East vs. West Game on Four Stations

PASADENA, Calif.—Radio listeners in the West are to have the opportunity New Year's day of hearing a play-by-play word description of the annual East vs. West football game held each year in the Rose Bowl at Pasadena. The two teams are "Pop" Warner's Cardinals of Stanford University, undisputed champions of the Pacific Coast, and the "Crimson Tide" of the University of Alabama, three times winners of the Southern Conference. These two represent the West and East in the annual grid battle.

Broadcast of the game will be made by KFI, KNX and KPSN beginning at 2 p. m. Pacific time New Year's Day. KPO may also be linked to KFI while the game is on the air. KFI has an unusual daylight range and is being logged quite consistently as far east as Chicago by superior sets during the daylight hours. Glen Rice of KNX, recognized as the West's best sports announcer, will give his version of the game for the Hollywood station.

KJR Dedicates 20,000-Watt Station

SEATTLE, Wash.—The night of December 18 marked the first great epoch in Pacific Coast broadcasting when KJR increased its power to 20,000 watts, becoming one of only four great superpower stations in the United States. The dedicatory program began at 7:00 p. m. Pacific time, and continued until 2:00 a. m.

This new superstation is the first of its kind on the Pacific Coast, and will be affiliated with a 20,000-watt station in Spokane, a 20,000-watt station in Portland, and with San Francisco and Los Angeles stations. Each of the latter is in the course of construction. When complete, these affiliated stations will be connected for chain broadcasting.

KJR operates on a wave length of 384.4 meters.

WOW Heard in Washington on Crystal

OMAHA, Nebr.—If it hadn't been on a Bureau of Standards letterhead, but it was! What? Why a letter saying that WOW was heard plainly and distinctly one night in December by a staff observer who was trying to see how far a crystal receiver of a simple nature could be made to reach. He reached 1,012 miles to Omaha.

Frederick Bates, the bureau observer, reported that this record is more than two and one-half times the greatest recorded distance for crystal set operation.

HAPPY AL CARNEY IS FAVORITE ORGANIST

Here he is again—smiling Al Carney, the bachelor organist of Station WHT, Chicago, who entertains the women in the morning and men at night. He wanted us to show his side "kick," Jean Sargent, but we'll do that later. He takes up too much room—about 200 pounds of it.

SHORT WAVES

By Marcella

(Continued from Page 2)

Henson, the station supervisor, thinks he will be a good catch for somebody—perhaps a "Goody Goody" catch—because he is studying for the ministry. Oh yes, he has brown eyes and dark hair. And Adams Calhoun is an established married man of the newspaper profession, gifted with an extensive vocabulary and an expert in the pronunciation of unpronouncable musical terms and names.

* *

It begins to seem like home at KYW with the Harmony Girls, Edith Carpenter and Grace Ingram, back on the regular programs. These two little ladies are probably better known to Radio audiences than any other pair of feminine entertainers on the air. Station KYW, Chicago, is their home nest. They began singing there the second night that KYW went on the air. They have been broadcasting from there quite regularly since then. But during the past summer they fluttered away to warble in other climes. The Harmony Girls helped to make merry the Armistice Night party at KYW. Their old time friends will find them on the Carnival Hour, at 10:30 Tuesday and Thursday nights at the Congress studio.

GRACE

EDITH

* *

Nan Corbett of Frederickton, New Brunswick, Mrs. F. E. Upton, Chesham, N. H.; Karl Aichner, Wallace, Mich. and at least half a dozen others have been writing for information about Milton J. Cross of WJZ. Says Mr. Glover of WJZ sezze, "I thought Mr. Cross had been on the air so long that everybody knew all of his affairs. For your special benefit, here is his description: He weighs 200 pounds, is over six feet tall; married and has a child, a little girl about two years old. He has brown hair and blue eyes and is one of those jovial gentlemen who do not have a care in the world."

* *

S. B. H.—Stuart Dawson of WHT is still in single harness at this writing but by the time this reaches you he probably will have spoken to the preacher and Helen Rauh can tell you just WHEN (lucky boy). Pat and Eleanor were the first to take the leap, now Stuart and Helen are getting ready. (Business of whistling) Al Carney, ahem, whaddaya know, Al?

* *

O. D. Temple who represents musical barberdom on the Radio at WOAW, Omaha, writes that I was misinformed as to his own tonsorial tints. Sez he: "I am of ruddy complexion with medium brown hair, grey eyes, sometimes blue and have red whiskers which make my mustache and side burns quite conspicuous . . . and it should be 'Singing Bobber.' G. R. gave me that title some time ago on account of my bobbing so many ladies' hair. I like best, 'Just an ordinary singer singing ordinary songs.' My real specialty is singing old time songs for shut-ins. I sure do enjoy singing for them." Sorry, O. D. Hope this fixes it up.

* *

You wanted to know something about Harry Bailey at WSM, Miss Quiz; I am informed as follows by the Solemn Old Judge: "Harry is a modest young man about 25, unmarried, who has been in the music game professionally about five years. He has one sad affliction that I know of and that is golf. When he isn't swinging the baton (and believe me Harry swings a mean one) he is chasing a little white ball over the hills. Harry plays literally every instrument in the band but he generally stands up in front of 'em and makes 'em mind. He is a native of Kentucky but he is strong for Nashville, Tenn. He has never been in jail and has no bad habits except that he gets up late in the morning which isn't so bad considering that he works all night. His orchestra is called 'Harry Bailey and His Southern Serenaders'."

* *

Margaret L. Bonar, the clever press story lady of KOA, Denver, after answering numerous personal questions about members of her suite for the ladies, asks: "Don't the men ever inquire about the women who sing and play? We have some winsome blondes and dashing brunettes on the program staff."

* *

What deep secret would you like to know about your favorite broadcast star? Drop me a note, girls and boys, and I'll do my best to answer here. MARCELLA.

WOMAN'S PROGRAM INDEX

(Daily Unless Indicated)

Household Economics, Women's Hour, Etc.

Eastern Central Mountain Pacific
9:30 a.m. 8:30 7:30 6:30
WWJ (352.7m-850kc), Tonight's dinner.
10 9 8 7
WIP (508.2m-590kc), Menu, Tues, Thurs, Sat.
WMCA (340.7m-880kc), Homemakers' club, Tues.
10:15 9:15 8:15 7:15
KDKA (309.8m-970kc), Homemakers' chats, Tues, Fri.
10:30 9:30 8:30 7:30
KVOO (374.8m-800kc), Mothers' hour.
WTAG (545.1m-550kc).
10:40 9:40 8:40 7:40
WFI (394.5m-760kc), Betty Crocker, Mon, Wed, Fri.
10:45 9:45 8:45 7:45
KDKA (309.1m-970kc), Betty Crocker, Mon, Wed, Fri; WEEI (348.6m-860kc), Mon, Wed, Fri; WTAM (389.4m-770kc), Mon, Wed, Fri.
WBCN (266m-1130kc), Home service program.
10:55 9:55 8:55 7:55
KSAC (340.7m-880kc), Housewives' half hour.
11 10 9 8
WICC (285m-1050kc), Polly Porter.
WOI (270.1m-1110kc), Homemakers' hour, Tues, Thurs, Fri.
WSB (428.3m-700kc), Homemakers hour.
11:10 10:10 9:10 8:10
WEAO (293.9m-1020kc), Homemakers' hour.
11:15 10:15 9:15 8:15
WCAE (461.3m-650kc), Women at home.
11:35 10:35 9:35 8:45
KYW (535.4m-560kc), Table talk.
11:45 10:45 9:45 8:45
WCCO (491.4m-720kc), WDAF (365.6m-820kc), Betty Crocker, Mon, Wed, Fri.
WNYC (526m-570kc), Home economics, Wed.
12 n. 11 10 9
WEBH (370.2m-810kc), Prudence Penny.
WQJ (447.5m-670kc), Home economics.
12:15 p.m. 11:15 10:15 9:15
KMOX (280.2m-1070kc), Cooking, household hints.
12:30 11:30 10:30 9:30
WGN (302.8m-990kc), Home management period.
12:40 11:40 10:40 9:40
WTAG (545.1m-550kc), Lydia Flanders, Fri.
12:45 11:45 10:45 9:45
WNYC (526m-570kc), Recipes.
12:55 11:55 10:55 9:55
KSAC (340.7m-880kc), Housewives' half hour.
1 12 11 10
KGW (491.5m-610kc), Household helps.
WSOE (245.8m-1220kc), Ladies' hour, Mon.
1:30 12:30 11:30 10:30
KNX (336.9m-890kc), Household economics.
1:45 12:45 11:45 10:45
KPO (428.3m-700kc), Betty Crocker, Mon, Wed, Fri.
Eastern Central Mountain Pacific
2:05 p.m. 1:05 12:05 11:05
KJR (384.4m-780kc), Prudence Penny.
WJZ (454.3m-660kc), Daily menu, ex Sat.
2:10 1:10 12:10 11:10
KGO (361.2m-830kc), Prudence Penny.
2:15 1:15 12:15 11:15
KOIL (305.9m-980kc), Shopper's aid.
WJZ (454.3m-660kc), Dennison craft, Mon.
2:25 1:25 12:25 11:25
WJZ (454.3m-660kc), Shopping service, Mon.
2:30 1:30 12:30 11:30
KFNF (461.3m-650kc), Women's hour.
KJR (348.4m-780kc), Shopping news.
3 2 1 12
WCCO (416.4m-720kc), Women's hour, Wed, Fri.
WHB (365.6m-820kc), Ladies' hour, Mon, Wed, Fri.
WSOE (246m-1220kc), Cooking chats, Mon.
WIP (508.2m-590kc), Market hints for housewives, menus, Mon, Tues, Fri.
WJZ (454.3m-660kc), Your daily menu.
3:15 2:15 1:15 12:15
WHO (526m-570kc), Recipes, household hints, Tues.
3:30 2:30 1:30 12:30
WHK (272.6m-1100kc), Housekeeper's chat.
3:45 2:45 1:45 12:45
KFNF (461.3m-650kc), Ladies' hour, Mon, Tues, Thurs, Fri.
4 3 2 1
WIP (508.2m-590kc), Market hints for housewives, Tues.
WOC (483.6m-620kc), Aunt Jane.
WQJ (447.5m-670kc), Home economics.
4:30 3:30 2:30 1:30
KMOX (280.2m-1070kc), Housewives' hour.
WEAF (491.5m-610kc), WEEI, WLIT, WRC, Dennisoncraft, Tues.
WLS (344.6m-870kc), Housewives' hour.
5 4 3 2
KOA (322.4m-930kc), Housewives' matinee, Tues, Thurs, Fri.
WOS (440.9m-680kc), Mon, Thurs.
5:15 4:15 3:15 2:15
KYW (535.4m-560kc), Meat talk, John Cutting, Mon.
WMAQ (447.5m-670kc), Mothers in council, Wed.
6:30 5:30 4:30 3:30
KOA (322.4m-930kc), Question box, culinary hints, Tues, Thurs, Fri.
WLW (422.3m-710kc), Cooking school, Wed.
7 6 5 4
KGO (361.2m-830kc), Hints for housekeepers, Wed.
8:30 7:30 6:30 5:30
KUOA (299.8m-1000kc) Helpful hints.
9:30 8:30 7:30 6:30
KOB (348.6m-860kc), Housekeepers' chat, Mon.

"Aunt Sammy"

Eastern Central Mountain Pacific
10 a.m. 9 8 7
WGBS (315.6m-950kc) Mon.
Eastern Central Mountain Pacific
10:30 a.m. 9:30 8:30 7:30
WCSH (277.6m-1080kc), WHO (526m-570kc).
10:50 9:50 8:50 7:50
WMC (499.7m-600kc), Mon, Thurs.
11 10 9 8
WEAO (293.9m-1020kc).
12 n. 11 10 9
WAMD (243.8m-1230kc).
WRVA (256m-1170kc) Wed.
1 p.m. 12 11 10
KWWG (277.6m-1080kc), Mon, Wed, Fri.
1:10 12:10 11:10 10:10
KPO (428.3m-700kc).
1:15 12:15 11:15 10:15
KFOA (454.3m-660kc).
1:30 12:30 11:30 10:30
KFAU (280.2m-1070kc).
1:45 12:45 11:45 10:45
WDAF (365.6m-820kc).
2 1 12 11
KOIL (305.9m-980kc).
3 2 1 12
KMA (461.3m-650kc); KSL (299.8m-1000kc).
3:30 2:30 1:30 12:30
WHK (272.6m-950kc).
4 3 2 1
WOC (483.6m-620kc).
5 4 3 2
WOS (440.9m-680kc).
6 5 4 3
KFXF (249.9m-1200kc), Tues, Thurs, Fri.
WDBO (239.9m-1250kc).
8:30 7:30 6:30 5:30
KFDY (299.8m-1000kc), Wed, Thurs.

Women's Clubs

Eastern Central Mountain Pacific
11 a.m. 10 9 8
WOI (270m-1110kc), Federated Women's club, Wed.
11:30 10:30 9:30 8:30
WNAC (430.1m-697kc), Women's club.
12 n. 11 10 9
WIIT (399.8m-750kc), Women's club.
4 3 2 1
WGN (302.8m-990kc), Woman's club.
4:05 3:05 2:05 1:05
WCCO (416.4m-720kc), Minnesota Federation of Women's clubs.
5:15 4:15 3:15 2:15
WMAQ (447.5m-670kc), Illinois Federation of Women's clubs, Thurs.

Fashions and Sewing

Eastern Central Mountain Pacific
12:30 p. m. 11:30 10:30 9:30
WQJ (447.5m-670kc), Style talk.
1:35 12:35 11:35 10:35
KPO (428.3m-700kc), Fashion critic, Fri.
Eastern Central Mountain Pacific
2 p.m. 1 12 11
WGBS (315.6m-950kc), Excella dressmaking lessons.
2:20 1:20 12:20 11:20
WJZ (454.2m-660kc). Wed, Fashions.
5 4 3 2
WOS (440.9m-680kc), Fancy work.
6:45 5:45 4:45 3:45
KOA (322.4m-930kc), Fashion review, Tues, Thurs, Fri.
7:55 6:55 5:55 4:55
WPG (299.8m-1000kc), Fashion flashes, Tues.
8:45 7:45 6:45 5:45
WCCO (416.4m-720kc), Jeanne Gray.

Health and Beauty

Eastern Central Mountain Pacific
10:45 a.m. 9:45 8:45 7:45
WTAM (389.4m-770kc), Tues.
11 10 9 8
WGN (302.8m-990kc), Good health and training.
WQJ (447.5m-670kc), Health talks.
12:45 p. m. 11:45 10:45 9:45
WTAG (545.1m-550kc), Marjorie Woodman, Mon, Thurs.
5 4 3 2
WOS (440.9m-680kc), Health talks, Tues.
8:30 7:30 6:30 5:30
WEAO (293.9m-1020kc).

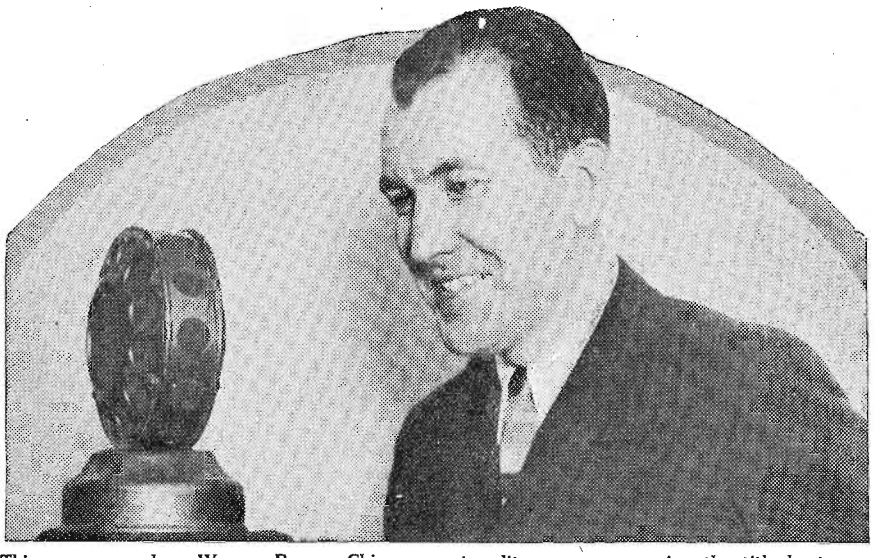
Child Care; Training

Eastern Central Mountain Pacific
10:55 a.m. 9:55 8:55 7:55
KSAC (340.7m-880kc), Jan. 7, 14, child training, Bernice Fleming.
11 10 9 8
WOI (270.1m-1110kc), "Some New Methods of Child Training," Dr. Lovissa Wagoner, Fri.
5:15 4:15 3:15 2:15
KOA (322.4m-930kc), Jan. 7 "Diet and Health."

Interior Decorating

Eastern Central Mountain Pacific
2:20 p.m. 1:20 12:20 11:20
WJZ (454.3m-660kc), Thurs, "Wall Paper Room by Room," A. Louise Fillebraun.
5:15 4:15 3:15 2:15
KOA (322.4m-930kc), Interior decoration, Tues, Thurs, Fri.
WBBM (226m-1330kc), "Redecorating the Old House," Leone Grandland, Mon. "Decorating the New House," Charlotte Voge, Thurs.

MAKES HIT ANNOUNCING SLUGFEST



This was snapped as Warren Brown, Chicago sports editor, was announcing the title bout over WEBH-WJJD in which Mickey Walker won the title of Middleweight champion. As a result of his work on this event, Mr. Brown has been applauded from coast to coast.

FANS CROWN NEW SPORT ANNOUNCER

Mickey Walker Wins Middleweight Title and Warren Brown, Sports Editor, Wins Fame

By Gene Rouse

CHICAGO.—Something happened in the ninth round of the middleweight championship bout at the Coliseum in Chicago December 3 when "Mickey" Walker floored the title holder "Tiger" Flowers—Mickey won himself a championship.

Something also happened in Radioland. Back of the microphone of WEBH and WJJD, America's twin stations, sat Warren Brown, sports editor of the Chicago Herald and Examiner. Through the preliminaries and through the main event Mr. Brown kept up a running fire of droll comment and vivid description.

Along with it, through a battery of especially arranged microphones, sifted the howls and cheers of the 10,000 spectators, the cries of cold drink vendors and the clang of the gong.

Fan's Land Announcing

"Heard the cheering just as if I had been in the building—even the cold drink man calling his wares, etc. Mr. Brown kept us laughing with his comments," wrote Kelly Burwell, Jeff, Alabama.

"Appealing wit of Mr. Brown and his rare descriptive ability kept me in a state of joy. Today I feel like I had a huge night and—I did," said H. H. Treaccar, Galveston, Texas.

"Brown is as good as Will Rogers over the radio."—Mr. and Mrs. Edward Sundin, Moline, Ill.

Thus did Radioland acclaim the new meteor and crowned him king of sport announcers. Letters on the broadcast have arrived from all over the United States and Canada and not a few, nor the majority, but every one mentioned the excellency of the announcer.

WEBH and WJJD, America's twin stations, are on the 370-meter wave band, operated by the Edgewater Beach Hotel-Loyal Order of Moose and the Palmer House, presenting Herald and Examiner programs exclusively. The program management is under Homer Hogan.

WDAD Now 1,000-Watt Plant

NASHVILLE, Tenn.—WDAD is getting out with its new 1,000-watt Western Electric set. Areas not covered before by WDAD are being heard from.

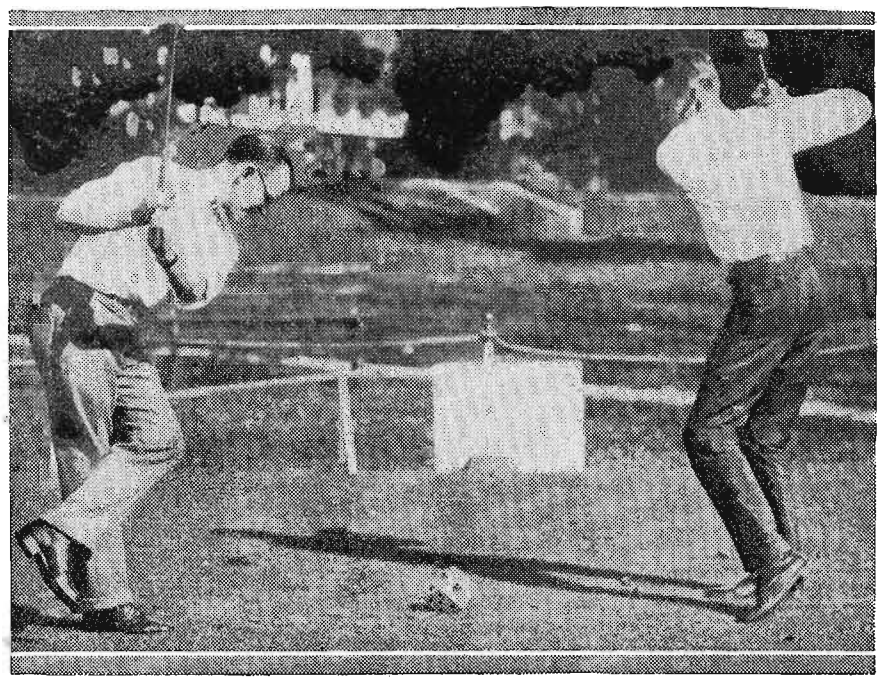
Ether Scraper

IN all probability the greatest "sky scraper" ever conceived will go into commission at 711 Fifth Avenue, New York City, June 1, 1927. Although this ultra modern "sky scraper" will be but fifteen stories high it will touch the skies around the world for it will be the building constructed especially for the National Broadcasting company.

This is believed to be the first metropolitan office and studio building devoted to such a purpose. The four upper floors will include eight broadcasting studios. An auditorium studio large enough to seat one hundred and fifty musicians will occupy the most of the top floor. Visiting guests will also be accommodated on this floor. A novel method of construction will permit those on the thirteenth floor to see into studios on the floor below through glass floors.

Merlin H. Aylesworth, president of the National Broadcasting Company, states that under the new plan the recently combined broadcasters, WEAF and WJZ, will cooperate to put on programs of the finest talent to be obtained. Both stations will be heard over chains of national extent. The general plan calls for a central broadcasting plant from which a system of studios will radiate fan-wise. On the rim of this circle will be the artists' and public reception rooms. Each studio will be served by an adjacent control room. The antenna towers are to be located many miles distant.

HAY AND KAY INTRODUCE NEW WAY



Messrs. Lambdin Kay, left, new African golf ball, center, and Judge George Hay, right (following the seven with his eye), as the three were engaged recently on one of Nashville's fairest fairways.

FRIENDS of the Radio reading audience you behold in the above picture an interesting illustration of a notable event—the origin of African Golf—with two of America's best known announcers at the knock-off. The lyrics may not be accurately reported but they were something like this: (make your own music).

Said Lambdin Kay to Old Judge Hay,
"I'll shoot you dice today."
"Nay, nay," said Hay to Lambdin Kay,
"But a game of golf I'll play."

Then said Kay of WSB,
"That's a challenge to me."
"Quite right," said Hay, as up spoke he,
"I'll meet you at the tee."

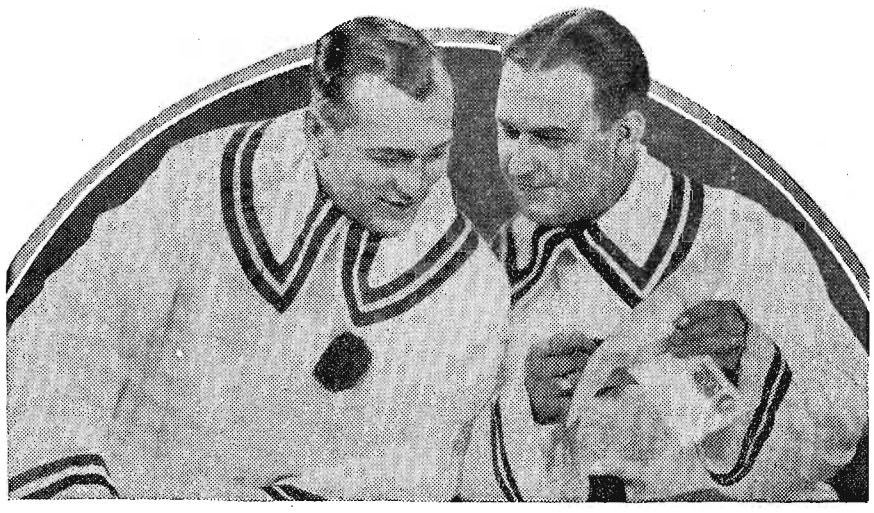
Now, what to do, what to do?
They both began to stew—
And out o' the brew, I'm telling you,
That African Golf came true.

And Kay and Hay that very day
Startled the good fairway
By whacking the whey from a cube of gray—
And NEITHER had to pay.

And so you see that dull thud you thought you heard was not the collapse of the grand piano. The boys simply had hoisted their golf hammers over their brawny backs and knocked the block off from its five and two spots. African golf and Bobby Jones golf were only incidents in the big birthday celebration the Solemn Old Judge gave in honor of WSM at Nashville when and where this picture was taken. Trips to the "Hills" it is said were very popular.

Since December 5 WSM has been "silent" except for the noise of hammers, saws, drills and other reverberations incidental to construction operations. Santa Claus came down the aerial with a brand new Western Electric 5,000 watter—the very latest thing out, and just like WPG's. When WSM takes the air again within the next few days the "We Shield Millions" will have veritable millions within its audible range. In the meantime the Solemn Old Judge has been thinking up another new one for Lambdin Kay of the Atlanta station and probably "Merry Old Chief" Leo Fitzpatrick of WJR when the next birthday party is held.

LOCATE FORD AND GLENN AT WLW



"OH SKIN-NAY! Ooo-hoo! C'mon over! Ford 'n Glenn! We got 'em! Hurry quick like ever' thing! We found 'em again!"

"Aw! Whatcha talkin' about? Doncha think I know they ain't at WLS no more? What you got ain't Ford 'n' Glenn. There ain't no more Ford 'n' Glenn."

"Gee whillikers! There is too! You c'mon over an' just see if there ain't. My mother got 'em on another wave, she says. An' it's almost like WLS only it's WLW an' they're at the Crosley Radios at Cincinanti. C'mon NOW if you don't believe it an' I'll show yu!"

"Aw, betcha it's somebody else. Ain't nobody ken fool me 'bout Ford 'n' Glenn. I'm comin' tu see."

Well sir, lo and behold and sure enough if wasn't Ford and Glenn! And here they are in a new picture just as they look in their new Woodshed show and for the Lullaby Hour at WLW, Cincinnati. What do you know about that! They picked up their toys and their safety pins and their Noah's Ark and scampered right out of Chicago all the way down to Cincinnati.

Sure you can hear 'em. Just move the dials up to 422.3 meters if you live a long ways from Cincinnati and give 'em a little more volume. Course they weren't mad at anybody. But don't you suppose there are other little boys and girls in these United States who'd like to get acquainted with Ford 'n' Glenn? You can't expect a circus to keep on playing at the same place forever and ever can you? Well, Ford and Glenn got down to their new Woodshed theater just in time to put on a great Christmas party for the WLW children. They are going to stay there until next summer and then they are going to travel around like they did last summer and visit the children at the theaters in the different towns, ain't you glad?

MAN BEHIND BALKITE HOUR IS MR. TROXEL

J. M. Troxel

SOMETIMES we range around the dials, pausing for a minute here and another minute there, hoping that maybe we will strike something new and different that will be especially good. And then out of the ranks comes a special program, the particular enterprise of some individual or corporation concerned in presenting Radio super-excellence. So it happens that at the present time we enjoy the Balkite Hour every Saturday night over the WEAF chain. This is the particular pride and joy of J. M. Troxel, president of the Fansteel Products company, manufacturers of the Balkite Radio Power Units. Mr. Troxel and his associates have taken intense personal interest in this program. No expense has been spared to make it truly de luxe through the artistic resources of Walter Damrosch and the New York Symphony. It has thus been made possible for Radio listeners throughout the United States and the surrounding area to enjoy a quality of music such as only the great New York Symphony can produce.

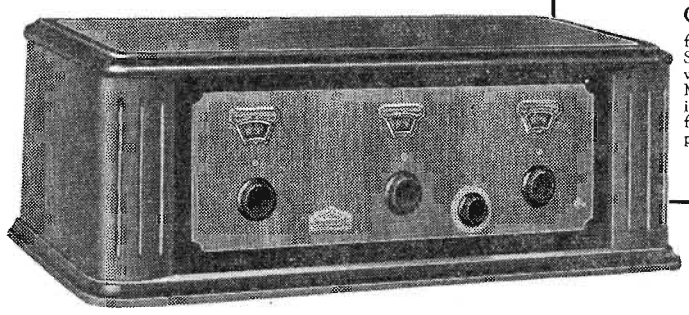
The photo shows Mr. Troxel in the act of signing the contract for the Balkite Hour.

Mass Production

methods and tremendous purchasing power brought to Amrad and applied to building Neutrodynes a year ago by Powel Crosley, Jr. make available to the Public a 5 tube Neutrodyne at $60

Cone Table
for table models S-522 and AC-5 with Crosley Musicone built in. Ample room for batteries or power unit. $32.

In this 5 tube battery type Neutrodyne at $60 great engineering skill is manifest in the splendid performance of the set. Cabinet and trimmings are all any purchaser could ask—beautifully finished and appointed. Recessed dials behind windows and delicately adjusted vernier controls are distinctive features.



—and a light socket operated Neutrodyne at $150

This is Amrad's crowning achievement. A power unit, using current direct from your light socket on wall or from table lamp furnishes A, B and C current direct to the 5 tube Neutrodyne pictured at the right. This power unit is pictured directly behind the set.

No batteries—nothing to charge. An entirely new development in power supply. Amazing Mershon Condensers contribute to its great efficiency and compactness. TESTED BY CONSTANT USE IN HOMES FOR OVER A YEAR. Price of receiver $65. Price of power unit separately $85.

Model AC-5-C

Light Socket Operated 5 tube console

A beautiful cabinet in two tone finish mahogany. Stands 40 inches high. Genuine Crosley Musicone built in. Equipped with 5 tube battery type set $110—with lamp socket set and power unit . . $200.

Add a Mershon Condenser to Your B eliminator for Super-B Current supply

30 MFD DUOTYPE

Filtering out light socket current hum is but part of the job. Eliminators must have STORAGE capacity to prevent "chopping off" of loud or sustained notes. The Mershon Condenser acts as a reservoir and STORES energy for sudden heavy drains on plate current. Does the work of expensive storage battery electrically rather than chemically. B eliminator connected with this condenser gives the excellent tone reproduction of fresh B batteries.

Mershon Electric Condenser 15 mfds capacity each half. 30 mfds total capacity. Type D-15-30. Maximum rating 300 volts D. C. If punctured can be repaired and need not be thrown away.

$8

AMRAD

NEUTRODYNES

AMRAD CORPORATION
Medford Hillside, Mass. Harold J. Power, *Pres.*
Write Dept. 3A7 for Catalog.

How to Fix Sets for Results

By "KING MILO" GURNEY

Part I.

AS I take my pen in hand to write each of the little boys and girls between the ages of six and sixty who "jest new there wussent eny Sandy Claws," the uppermost thought in my mind is—how in heck Santy guessed that you wanted a Radio, 'n besides, how did he get down th' chimbley, that's what I want to know?

But he did—you have it, and that's that, hence, methinks you would now be interested in learning the proper method for the installation and care. It comes to you a wondrous toy, but not to be toyed with. It's a beautiful cabinet containing a wealth of entertainment, yet each day fearing that you may decide to take it apart—just to see where the music comes from. Please never be guilty of doing such an unkind act.

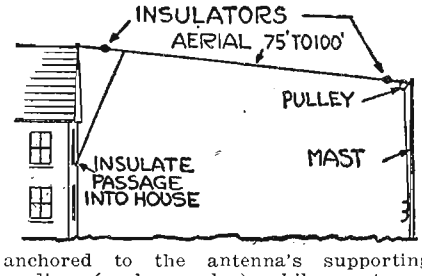
In passing from the realm of levity to the more serious side of the subject, let us remark that every Radio receiver is justly entitled to a reasonable amount of care in its installation. It should be correctly installed and intelligently operated. In like measure, its accessories can remain efficient only when subject to periodic inspection. Do not attempt to be your own inspector. Your Radio dealer is the only one who should be allowed to keep your set in order. It's his business to know what to do and when to do it.

Altogether too many purchasers of receivers gain the impression that the instruction booklet which comes with the set is only a part of the packing. Of ccurse, you are not of that type; you will read it from "kivver to kivver" and find the reading very beneficial.

As the nominal head of your household, friend wife and the kiddies will probably allow you to exhibit that which you have told them you knew about Radio. Therefore, in strict confidence I shall help you, Brother—so hie thyself to seclusion with this Bible that you may emerge possessing an indisputable air of authority.

How to Erect Antenna

As the major portion of Radios are designed to operate from an outside antenna, the suggested method for its installation will be given first. Practically all authorities are in agreement that, for best all-around results, an antenna comprising a No. 14 single strand copper wire, which may be either bare or enameled, is preferred. Its over-all length, inclusive of "lead-in," should not exceed 75 feet, while its height (from the ground) should if possible be not less than 35 feet. Such an antenna should be strung fairly taut in order that it may swing but little if at all during a high wind. It must not be allowed to come in contact with roofs or metallic objects and should be fastened to glass, porcelain or other types of insulators at each of its extreme ends. Such insulators in turn should be securely



anchored to the antenna's supporting medium (such as poles), while great care should be given to make sure that the antenna is installed for permanency.

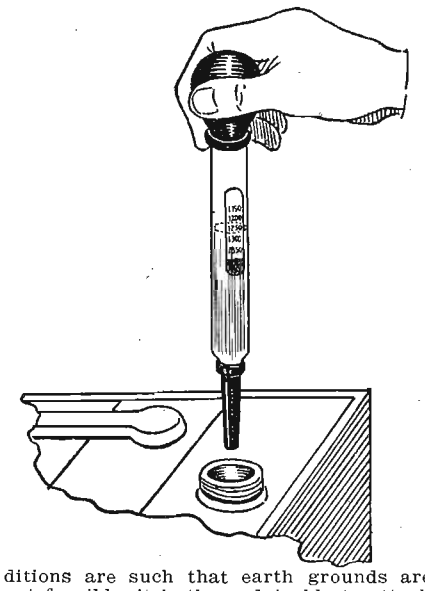
Lead-In and Ground

The "lead-in" is the wire that extends from one's antenna to the receiving set. In each instance it should be of the same size wire as the aerial. It also should be copper wire and **insulated.**

Do not neglect to make a soldered connection at the point where the lead-in attaches to the antenna. This is important! This is not to be construed as meaning that you will promise to solder it later, because such promises are seldom, if ever, kept. A job worth doing is worth doing well. A 10-cent soldering iron, together with a lot of "elbow grease," often works wonders toward one's continued enjoyment of excellent Radio reception.

One of Radio's great truths is found in the assertion that "No Radio receiver is any better than its ground connection." Of the countless number of methods employed for the securing of a suitable ground connection, that which is to be preferred is one wherein the wire from the ground terminal of the receiver attaches directly to a copper plate buried several feet in the ground, and moist ground when practical.

To provide such a ground very often entails considerable work, and in metropolitan areas grounds of this character are next to impossible owing to the populace living like sardines. Where the con-



ditions are such that earth grounds are not feasible, it is then advisable to attach the ground wire with a good ground clamp to a cold water pipe. Attach to a radiator or hot water pipe as a last resort.

In place of using a buried copper plate as an earth ground, one may drive a galvanized one-inch pipe into the ground to a depth of about six feet. In doing this leave about six inches of the pipe above ground, and to this exposed portion solder the ground wire after first having tightly wrapped or coiled six to ten turns of the exposed wire around the pipe.

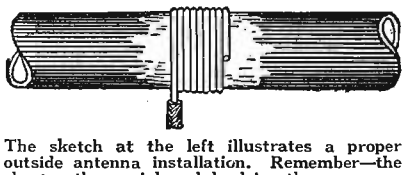
Neatness demands that this ground wire be insulated and you are cautioned against running it in other than as straight a line to the receiver as possible.

A Word About Batteries

The new owner of a Radio is often befuddled with the terminology accorded the batteries which are required. Batteries for use with Radio receivers are sold under three classifications, viz: "A," "B" and "C."

Any Radio battery which supplies the current required for the heating of the filament of the vacuum tube is termed an "A" battery. Those which are required to supply current to the plates of the tubes are known as "B" batteries and are also available in both wet and dry types as is the "A" battery.

The "C" battery is only supplied in that form known to the trade as dry cell types, and its duty is that of supplying a "negative bias to the grids of the tubes," or perhaps a somewhat less technical term or explanation would be to say that a "C" battery is used to counteract the tendency of the grid becoming positive, which to the layman is no doubt just as poor an explanation of the function of a "C" battery. And now, Brother, you know the



The sketch at the left illustrates a proper outside antenna installation. Remember—the shorter the aerial and lead-in, the more selective the set. Above sketch shows how to clean pipe and wrap the wire about it just before making soldered ground connection.

definition of A, B and C batteries, or else do not care to know.

Storage "A" Batteries

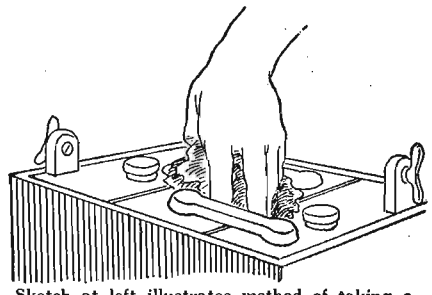
While there are exceptions, the standard type of A battery is that known as the "wet" or "storage" type. These vary little from those used as starting and lighting batteries in automobiles except, in general, the plates comprising them are not as thick or rugged as those designed for automobiles.

Their voltage should never exceed six volts, and probably the most popular capacities are the 100 or 120 ampere hour batteries. A batteries do not require a high voltage output but do require a current (amperes) value capable of supplying around two to three amperes of current per hour for the operation of the receiver.

The 100 ampere hour size has thus become popular because it will supply that average Radio receiver with current for a period of about two weeks before requiring recharging. This period is not definite but rather an average, it being essential that until one has determined from frequent tests the approximate period when the "A" battery needs recharging, that a free use of a battery "hydrometer" be made.

Use of "Hydrometer"

Such a "hydrometer" may be purchased from any radio or battery dealer and is as essential for the determination of the condition of an A battery as a tail is to a happy dog. To make such hydrometer tests, remove the vent or filler caps (the



Sketch at left illustrates method of taking a hydrometer reading of the storage A battery. Note the vent cap hole, also the float in the hydrometer tube. Above sketch shows how to clean top of battery with old rag.

little screw composition caps on the top of the battery), insert the hydrometer and withdraw (by squeezing and releasing the bulb) a sufficient amount of the liquid within the battery to cause the indicating glass tube within the hydrometer to float. Do not get solution on rugs, suit or hands. Note the reading on the floating tube where the level of the liquid crosses the numerals.

This reading is decipherable as indicating the "specific gravity" of the acid solution within the battery. Return the liquid to the cell from which it was drawn and repeat the operation with the remaining cells, there usually being three such cells to each storage battery.

A fully charged storage battery should indicate a specific gravity reading for each cell of between 1250 and 1275. If the reading of any of the cells are below 1225, the battery should be recharged before further use. No great harm will occur should the reading vary down below 1225, but it is **imperative** that once the gravity reaches 1180, one has no alternative other than to recharge.

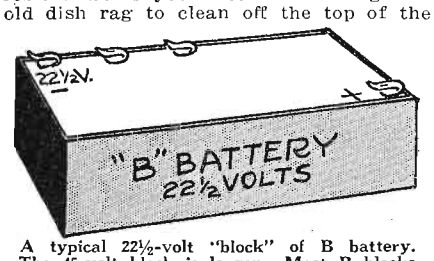
There are batteries whose charged gravities will vary slightly from the readings quoted here. Many a battery works wonderfully well at a gravity of 1200.

Care of "A" Battery

As the A battery is used there will be a gradual lowering of its water or solution level. This is caused primarily by evaporation. It is important that the water level not be allowed to drop below the plates of the battery, and it is very much better practice if this level is kept slightly (one quarter inch) above the plates. In adding water to a storage cell always use "distilled water." No, sir, tap or well water will not do!

Furthermore, do not let anyone convince you that your battery requires new "electrolyte." You need never worry relative to what "electrolyte" is, because telling you might lead to trouble. The correct method to pursue in the event of your feeling something is wrong is to take the battery to a responsible service station.

The top and terminals of a battery should be kept clean and free from corrosion. Steal your better seven-eighths' old dish rag to clean off the top of the



A typical 22½-volt "block" of B battery. The 45-volt block is larger. Most B blocks are made nowadays to stand vertically.

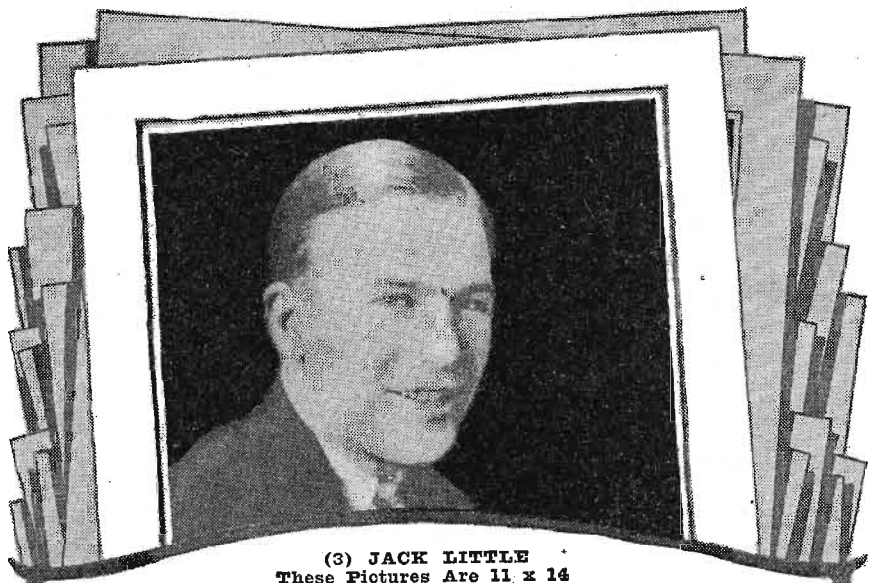
battery, and then clean away the accumulation which may have occurred at one or both of the battery terminals. But throw away the rag when you are through.

"B" Batteries

"B" batteries as before noted are required for supplying the plate voltage to the vacuum tubes and are offered the purchaser in both wet and dry types. Of the two, the dry cell type is the more popular, hence it will be discussed. While this battery supplies direct current to the plates it differs from the direct current furnished by an A battery in the following respect: It is designed to furnish a very small current (amperes) output with a high voltage (volts) supply.

Standard batteries of the B class are usually offered in units or "blocks" of the following voltages: 22½ and 45 volts.

(Continued on page 9)



(3) JACK LITTLE
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GOODY GOODY GIRL

LIKE a House of Cards Lois Sylvester Finds All the Contacts She Had Made in Chicago Come Tumbling Down

By MERLIN MOORE TAYLOR

IRKED by the dull monotony of life in the little town of Paradise, Lois Sylvester started out to visit a friend in a neighboring town. A care-free neighbor boy, Herbie Coles, offered her a lift in his car. She slapped him when he tried to kiss her. Aboard the train, after dodging her vigilant stepfather at the station, she meets Raymond Lancaster and Mrs. Mildred Gayton, each acquainted with the other and chance fellow passengers on the train. An accident prevents Lois from leaving the train until she reaches Chicago. She becomes the guest of Mrs. Gayton who furnishes her with pretty clothes and convoys her into the swirling night life of the city. There she finds a bitter under-surface enmity between Mrs. Gayton's intimate friend, Neil Becker, and Raymond Lancaster. They all go to the races. Lois places a bet on a horse favored by Lancaster against the advice of Becker, to whom she entrusts the money for the bet. Herbie Coles appears and bets his last dollar on Becker's favorite. Herbie loses and Lois wins big odds. Before she can get the money she is taken away by Herbie. They are on some mysterious errand that requires speed. Lois doesn't know what it is all about, even when they are arrested for speeding, taken to a village jail and Herbie runs away leaving her to stand the gaff alone. She puts in a call for Lancaster. Herbie had told the chief she is a friend of Victor Jermin, a member of Becker's crowd. Lancaster rescues Lois from the little jail while the whole force is out chasing bootleggers. While he is taking her back to Mrs. Gayton's he attempts to embrace her. She repulses him. He confesses that he loves her and then reproaches her for trying to trap him. He explains that Becker has told him she was merely posing as an innocent country girl to compromise and blackmail him. She is stunned by this information and barely answers as she jumps out of Lancaster's car and runs up the steps to her friend's apartment. Neil Becker took the Goody Goody girl's charges complacently. Seeing that further subterfuge would avail nothing, he tried to win her to take Mildred's place and was instantly rebuffed. Then he attempted brute submission and Lois smashed his arm with his cane. Mildred rushed in and accused the girl of trying to usurp her position as mistress of the Gayton establishment. Then Lois packed up her own things and ran away. She was assisted by the maid who directed her to the boarding house of a relative. From here Lois started out to find employment as singer in the McManus cafe.

CHAPTER XII

A Proposition

THE great new cabaret on the South Side when she had visited it by night had been gay; filled with life and music and laughter. When Lois called there the next day in search of McManus it was in the hands of cleaners and others getting it ready for another night—a dull, drab, cavernous place for all the garish decorations that glittered so brilliantly under the electrics.

Lois was directed down a hallway to McManus' office and the manager himself opened the door and eyed her curiously. "What do you want?" he demanded.

It was plain he did not recognize her. She recalled her identity to him. The effect was surprising. He smothered an exclamation, drew her quickly into the office, waved her to a chair and said excitedly through a half-opened door to someone in an inner room: "The Sylvester girl's found her way here. Can you beat it?"

A moment later Victor Jermin was framed in the doorway. He came quickly toward her. "This is a relief," he said, "We thought you'd been arrested. How did you know to come here? Did Mildred send you? It would have been better to have phoned first."

"I don't know what you mean," she replied, bewildered. "I came here to ask Mr. McManus about that job he offered me. I left Mrs. Gayton's last night and——"

"Haven't you seen the morning papers?"

"No; was there something——?"

Jermin snatched up a crumpled newspaper from a table and thrust it into her hands. "Read that," he commanded, and pointed to screaming headlines: "RUM RUNNERS BATTLE POLICE; TWO ARE SLAIN, FIVE WOUNDED." A smaller line, also emblazoned across the page, read: "Girl decoy, Nabbed for Speeding, Escapes Village Cell."

SHE skimmed rapidly through the accompanying text. Illicit liquor trucks, moving swiftly along country roads, had been ambushed by highway and village police. Death and injury had been the outcome of the gun battle that had ensued. The trucks had been seized, the men accompanying them captured. There was also an inaccurate, highly-colored account of her own arrest, and the reporters had swallowed whole the theory of the walrus-mustached chief that she was connected with the other affair.

Lois lifted hurt, questioning eyes to Jermin's face.

"Your little playmate, Coles, gummed up the works," he said. "I won't go into details, but if he'd had sense enough not to speed on a main highway, if he'd kept my name out of his talk at the station, if he'd got to a certain place in time—none of this," he jabbed a finger at the newspaper, "none of this would have happened."

"It says here that I'm being sought in the hopes that I can be made to talk, to tell on the higher-ups—why, I don't know anything. I didn't know even that you are a—a—"

"I don't mind being called what I am. The thing now is to keep you from being arrested. In the end probably nothing would come of it, but meanwhile—. Mildred phoned me today that you'd skipped out, that she didn't expect you back——"

"She's right. I'm through with all her kind forever. I'm on my own from this time on."

"Spunky, that, but what are you going to do?"

"Get me a job, singing preferably, but anything that will give me a living while I study, perfect myself in music. I thought perhaps Mr. McManus would give me a chance."

VICTOR JERMIN shook his head. "That's out," he said emphatically. "It would be courting arrest. Someone would recognize you as having been around with me a great deal lately, you'd be identified as the girl pinched by that hick motorcycle cop and you'd find yourself in a police station in no time."

"But I haven't done anything."

"Except break jail. Leaving ten dollars to pay a fine for speeding—clever idea, and I must give you back that ten—isn't calculated to settle the bill. The police in that village are sore at me——"

"The chief said perhaps now you'd deal in grease instead of soft soap."

"That's just it. Money, bribe money, instead of flattery, he meant. They want me to run the trucks through there, pay for having them left alone—oh, they'd make you the goat, all right, since that young fool of a Coles let slip it was my car. You've got to stay under cover until I fix this thing or the hullabaloo blows over." He started toward the inner office. "Come in here."

Lois got up and followed him. "Don't let this thing worry you, little girl," he said, closing the door. "It will come out all right."

"But what can I do meanwhile?" she asked.

"That's just what I brought you in here to discuss out of McManus' hearing. Can you take it, as they say in the prize ring; receive a blow without crumpling up, I mean?"

"I don't understand, I'm afraid. If you mean, can I stand disappointment——"

"EXACTLY. I'm going to hand you an awful wallop, I'm afraid. If it wasn't I who did it and now, it would be someone else some other time. You'd get it in the long run. It might as well come from one who has only your best interests at heart——"

"Don't beat about the bush."

"I won't. Brace yourself. You can't sing. You haven't a voice."

"I—haven't—a—voice?"

"No. Will you grant that I should know? Mildred's told you that once I was — She has? Then, believe me when I say your dreams of a career as a singer, an artist, never will come true. I'll grant that you have a sweet voice, that you could go on indefinitely making a living with it once you were started, but you have no great talent, no more than hundreds of other girls——"

"Oh, I can't believe you! You have some motive——"

Surprisingly, he nodded. "Rather I have a reason. You needn't take my word for it about your voice. Pick any teacher you wish, go to him and get an audition. I'll pay the bill. He'll tell you exactly the same thing. I'm trying to save you the shock later on and—yes, I'm a bit interested personally, too. Lois, I'm not young, I never was good-looking, but I'm in love with you——"

"Oh! Are all men alike? Doesn't a one of them think of anything but—. Go on, Mr. Jermin; finish up your proposition. What do you offer? A little apartment, a maid, a car, money? All that Neil Becker gives Mrs. Gayton?"

Jermin drew himself up stiffly. "Some people might stoop to furtive love-making and call it romance. I couldn't. You couldn't, either. You're—straight. Any one can tell. That being the case, I'm not offering you a proposition, but a proposal. I'm asking you to marry me."

"MARRY you?" This was a bigger blow than that other—the dashing of her dreams of a career. "You're asking me to marry you?"

"Yes." Jermin spoke gravely. "I know this has taken you off your feet. I'm not asking you to decide now. Think it over. Go and have someone else give you an honest opinion on your voice——"

"I think you're splendid," she cried; "but—I'm afraid I'm going to hurt you, Mr. Jermin."

"I didn't falter when it was my turn. I hope I can take it, too."

"It isn't that you're older, far older, than I. It isn't that you're not an Adonis. It isn't only that I don't love you, never thought of you in that light; but——"

"Love may come. I'll be good to you—"

She shook her head. "It's no use, I'm afraid," she said. "What I want to say, and find it hard to say, is that your business, this bootlegging——"

"I'll give it up—today, if you say."

"That wouldn't mend things. That affair last night, the killing of two men, the shedding of the blood of others . . . God knows how many other similar affairs . . . you, not poor, weak little Herbie Coles, are to blame. Those men were in your service. You gave the orders that sent them on the road with their liquor. Your hands are bloody, morally, if not legally. I could not forget that—ever."

"I'm in this business because others pay me to be in it. Why, even you, standing

(*Continued on page 29*)

THE LATEST IN RADIO ACCESSORIES

Farrand B Eliminator

A HEAVY duty B eliminator marking an advance in B power engineering, only paralleled by that of the loud speaker made by the same concern, has been brought forth by the Farrand Manufacturing Co. An output of 75 milliamperes of current, when most B eliminators furnish 60 or less, is the reason for the name, "heavy duty."

The new Farrand B power unit, shown herewith, will operate a large multiple tube set without overloading. Its voltages are 15 to 70 on detector tube, 60 to 100 volts on radio frequency tubes, and 135 to 200 volts on the last audio stage—equivalent to one stage of power amplification.

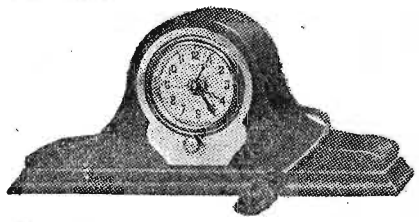
No hum is heard, even on head phones, with this eliminator in use. It is silent, troubleproof, foolproof and has nothing to wear out. It requires no acid or water. It employs only one rectifying tube, either a CX-313 or UX-213, the life of which should be at least two years. The Farrand B eliminator operates from ordinary 60-cycle, 110-volt house lighting alternating current and consumes no more electricity than a 25-watt lamp.

The unit is attractive in appearance, neat and compact. Its size is but 8¾ by 9¼ by 9 inches, and its metal case is finished in a beautiful bronze.

Time-Lite Radio Control Clock

SOMETHING brand new in the line of Radio accessories is the Time-Lite, shown herewith, a Radio control clock that starts and stops your receiving set automatically. With it connected in the battery switch circuit of one's receiver, the set becomes almost human.

Time-Lite starts, stops and restarts your set without attention at any specified times. All you need do is set it, similar to the method you would an alarm clock. The new device automatically turns off the set should you forget, thus saving tubes and power supply. Day or night, Time-Lite is on guard and brings in the program you have it set for.

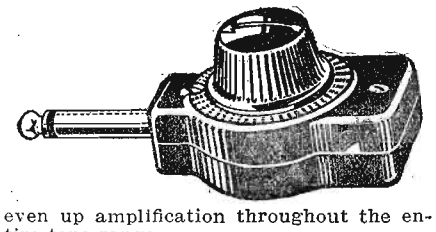


It consumes no electric current and costs nothing to operate. The clock keeps accurate time, and is as easy to attach to one's set as to put in a tube. The device is beautifully designed and encased in a marine type clock base, worthy of the most lavish receiver cabinets.

Time-Lite is the invention of Louis Herzog, of the Time-Lite Clock Corp., New York City.

Permits Using Two Speakers

IT HAS long been recognized that no single loud speaker gives perfect reproduction over the entire musical scale, but tends to amplify some tones more than others. The wise fan in search of greatest fidelity of reproduction, therefore, will use two speakers and depend upon their different characteristics to



even up amplification throughout the entire tone range.

Set owners who have tried the combination of a good cone and a good horn type speaker, or two horn type speakers with different characteristics, report a marked improvement in tone. The home experimenter frequently has difficulty in matching the two speakers used, however. This difficulty can be corrected with the new cord type Centralab Modu-Plug, shown herewith, either by connecting one plug to each speaker so as to control their tone volume entirely independent of each other, or by connecting a single plug to the louder speaker of the two.

How to Build Bruno Regenatrol

PART III: Detailed Directions for Mounting Parts and Assembling Set; How to Wire Receiver Without Making Mistakes; Suggestions for Tuning and Operating; How to Log Stations.

By JOSEPH CALCATERRA

THE first step in mounting the parts is to fasten the subpanel to the subpanel supports of the adjustable brackets. Then mount the adjustable portions of the brackets on the subpanel support members and place this assembly into the sloping front cabinet. It is then an easy matter to adjust the angle of the bracket to the angle of the cabinet slope by placing the adjustable panel support edges of the brackets against the slope front of the cabinet until both top and bottom ends of the bracket are flush with the panel guide of the cabinet. You can then tighten the two portions of the bracket and check up again to see that the tightening operation did not move the adjustment.

The relative locations of the parts on panel and subpanel are shown very clearly in the top and bottom views, figures 3 and 4, given in the last issue of the magazine, and in figure 5 of the present article.

In the pictorial wiring diagram, figure 5, the relative locations of the parts as they appear in plan on the panel and subpanel are shown. In some cases they have been separated slightly to avoid confusion in following the wiring. The indicating numbers given the parts in this layout correspond to the numbers given the symbols of the parts in the schematic wiring diagram, figure 1.

How to Place Receiver

The layout shown in the pictorial diagram is that shown in figure 4, but with the panel tilted back so as to show the instruments and terminals more clearly. In wiring the receiver you will find it easiest to place the receiver on your table in the position shown in figure 4 and follow the connections as shown in figure 5.

In the following article, to facilitate giving directions, the "top" of the front panel will refer to the actual top of the subpanel as it appears when placed in the cabinet, while the "bottom" will be the bottom of the panel as it appears in the cabinet. This of course is just the reverse to the way in which it appears in figures 4 and 5, so please keep this in mind and avoid confusion.

Similarly the "front" of the subpanel will refer to the edge of the subpanel nearest the front panel and the "rear" of the subpanel will refer to the edge nearest the back of the cabinet.

The "top" of the subpanel will be the side shown in figure 3 and the "bottom" of the subpanel will be the side shown in figures 4 and 5. The "right" and "left" side of the panel and subpanel will be the right and left respectively as they are shown in figures 4 and 5.

Now mount coils "T2" and "T3" on the condenser unit as shown in figure 5. In this position coil "T3" will be at the left side of the condenser unit with the tickler coil towards the bottom of the panel while coil "T2" will be at the right hand side with the primary coil towards the top of the panel as shown in figure 5. Coil "T2" should be mounted with the brackets so as to set back from the front panel to allow clearance for the Radiohm.

Next mount the Radiohm on the panel. Mount the light switch. Then mount the condenser and coil unit, fastening the unit and front plate on the panel with the screws provided. The shaft member of coil "T3" will project through the hole provided in the panel. Now mount the knobs on the shafts of the Radiohm and tickler coil and the front panel is all ready for mounting to the brackets and for wiring.

Subpanel Assembly

Now proceed to mount the parts on the subpanel. First mount the radio frequency choke coil "RFC." Bend the mounting lugs of bypass condensers "C6," "C2" and "C7" to permit mounting them on end and mount them in the positions shown in figures 4 and 5.

Now mount in order, with their terminals in the positions shown, the Carter battery switch "S2"; rheostat "R1"; Amperites "A3," "A4," "A2," "A5" and "A1"; transformer "T1"; and the "Ant" and "Gnd" posts.

Then mount tip jacks for the voltmeter as shown on either side of socket "V2." Now mount sockets "V1"; "V2"; "V3"; "V4" and "V5" with their terminals in the positions shown in figure 5. Be sure the location of the terminals is correct or your wiring will be wrong.

Now mount the Multiplug with the locating pin towards the left as shown in figure 5 so that the color terminals will be placed in the positions shown.

Next mount the two audio transformers "T4" and "T5" with the "G" and "P" terminals towards the rear of the subpanel as shown in figure 5 and the loud speaker jack "J" with its + terminal towards the rear of the subpanel.

Wiring Directions

The next step is to mount the front panel on the panel bracket and proceed with the wiring. Best results in soldering with Kester Radio Solder will be obtained by following the manufacturer's instructions.

Begin wiring by connecting, step by step, the "G" and "P" terminals of the sockets with their respective "G" and "P" terminals of their associated transformer windings. As you make each connection, go over the connecting line on figure 5 with a colored pencil, crayon or pen so that you will know, as you proceed, which connections have been made and which remain to be made.

The grid condenser "C3" and its associated grid leak is mounted by soldering one of its terminals to the "G" terminal of socket "V3" and the other terminal of the condenser with the terminal of the tuning unit shown in figure 5.

Condenser "C5" (.006 mfd.) is mounted by soldering one terminal with one terminal of switch "S2" and the other terminal with one terminal of the tickler coil of unit "T3."

Connect the voltmeter tip jacks on either side of socket "V2," one to each filament terminal of socket "V2" as shown.

Now run a wire from the "Red" terminal of the Multiplug to one filament terminal of each socket. You may notice that the connection as shown in the diagram of figure 5 does not run to the + terminal of each socket. The polarity of the socket does not matter, so follow the wiring scheme shown in order to simplify connections.

Now connect the Amperite terminals to the various points shown in figure 5, marking each connection as you go along. Connections can be made to either end of the double hole terminals. You will find connections simplified by taking advantage of the simple wiring to either terminal as shown. Be sure to get every terminal which is connected by the leads going from the Amperite terminals.

Now connect together the "F" and "P" terminals of transformer "T1" and connect them in turn with the "Ant" binding post. Connect condenser "C1" (.0005 mfd.) between the + terminal of transformer "T1" and the "Gnd" binding post. Connect the "F" terminal of transformer "T5" with the "Brown" terminal of the Multiplug. Connect the "F" terminal of transformer "T4" with the "Black" terminal of the multiplug.

Run a connection from the "P" terminal of transformer "T4" to one of the terminals of "RFC" choke as shown.

Now wire together, the yellow terminal of the Multiplug; the "B" terminal of transformer "T4"; one terminal of condenser "C6" and one terminal of condenser "C4" (.0005 mfd.) as shown. Now wire the connection shown between one of the lamp switch (L) terminals and the "A" battery lead from the "Red" terminal of the Multiplug.

Now wire the connection shown between one of the light switch terminals and the "Green" terminal of the Multiplug.

Next run a wire connecting the "Pink" terminal of the Multiplug; one terminal of jack "J"; one terminal of condenser "C8" (.006 mfd.) and one terminal of condenser "C7."

Run a connection from the other terminal of condenser "C8" to the other terminal of jack "J" as shown.

Now connect together one terminal of Radiohm "R2"; the "Pink" terminal of the Multiplug; and the "B" terminal of transformer "T5." Now run a wire connecting the other terminal of Radiohm "R2"; one of the terminals of "T2"; one of the terminals of "C2" and one of the terminals of "T3" as shown in figure 5.

This should complete the wiring of your receiver and all the connecting lines shown in figure 5 should now be filled in, providing you have followed instructions and marked over the lines as you made the connections.

Battery Connections

Little explanation of the battery connections is necessary since the proper connections of the color code wires of the Multiplug are given in the wiring diagrams, figures 1 and 5.

The voltages used for the B batteries are indicated with the exception of the last stage. When a regular 301A type of tube is used in the last stage, the Pink wire of the Multiplug should be connected with the 90-volt terminal of the B battery.

When a CX-112 type of tube is used you may employ as high as 150 volts on the last stage, but care should be taken to make sure that the loud speaker windings will stand the heavy current flow.

If you wish to use power tubes of the CX-371 or CX-310 type you will have to make provision for an output transformer or choke in the last stage so as to prevent excessive current through the loud speaker windings.

Either dry cell or storage battery tubes may be employed, but the storage battery tubes naturally will give better results. A CX-300A tube is recommended as the detector with the grid return connected with the negative A battery lead as shown. Where a CX-301A type of tube is used for the detector, slightly better results will be obtained by connecting the grid return of the detector stage with the positive A battery lead.

The Black wire of the Multiplug should be connected with the 4½-volt terminal of the C battery. The C battery required for the last stage will depend on the type of tube used in the last stage and should be in accordance with the specifications of the manufacturer for various B battery voltages.

Tuning Instructions

Tuning of the set is a very simple matter. The wavelength settings are controlled by the drum controls of the variable condensers. Oscillation and regeneration control for efficiency and volume control is obtained by means of the Radiohm and tickler coil knobs.

The two drums can be turned by a pressure of the finger on both drums. Any slight compensation may be obtained by shifting the finger to one or the other of the drum controls.

In placing the set in the cabinet, two strips of wood three quarters of an inch thick should be placed under the bracket feet. This is necessary to allow sufficient space under the subpanel to mount the bypass condensers on end.

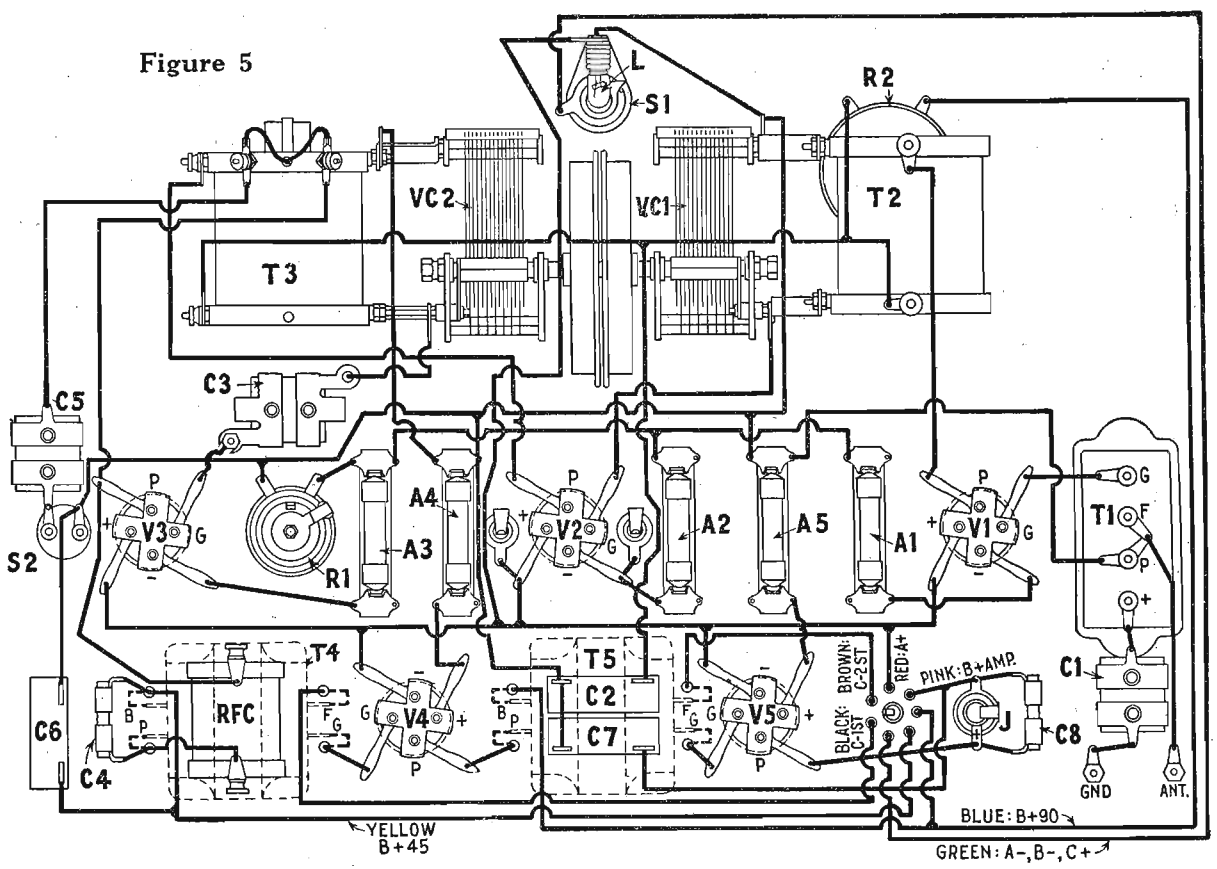
The Jewell portable voltmeter may be placed on top of the cabinet as shown in figure 2. The low voltage scale leads can be inserted into the tip jacks shown on either side of socket "V2" and the readings for this tube will give a good indication as to the best operating point for the radio frequency and detector tubes controlled by rheostat "R1" on the subpanel.

This rheostat should be set full on when first tuning the set but can then be adjusted as low as possible consistent with good results and left at that setting for the rest of the evening. Adjustment of this rheostat will keep the tubes operating at the point indicated by the voltmeter.

A regular 6-volt lamp should be obtained for the light switch.

Carefully "log" the settings for various stations and record their settings, together with their respective wave lengths or frequencies in kilocycles. Once a dozen or so stations have been logged, you will be able to interpolate the dial settings for any desired station.

Figure 5



FIX SET FOR RESULTS

(Continued from page 7)

They do not require recharging, and with the exception of one special make, so far as the writer can learn, they cannot be recharged.

B batteries should, with normal use, last from six months to a year. There are a great many instances where they have been used for periods much in excess of the time mentioned, yet the average life will be between six months and a year.

Testing B Battery Voltage

Unlike an A battery, the method for determining when a B battery has served its useful life is found by testing its voltage. To accomplish this test a "high resistance voltmeter" should be used. Care should be exercised in the purchase of such an instrument, as the cheaper grades are considered practically worthless. They are not only quite likely to be inaccurate, but in altogether too many cases are injurious to and drain the battery because of their low resistance.

(Continued on page 30)

$26,000.00 IN PRIZES FOR SOLVING "WHOZITS"

The following artists are in the above panel: Bernard Regan, WOC; Frank W. Elliott, WOC; Leon Schiro, KPRC; Max E. Shippee, KPRC.

The following artists are in above panel: Jane Winton, KFWB; Peggy Mathews, KFWB; Emma Worth Johnson, KVOO; Dorothy Heywood Reedy, KVOO.

The following artists are in above panel: Billy Day, WMCA; John Hopkins, III., WJAX; Walter Keeley, KOA; Walton McKinney, KJR.

The following artists are in above panel: Peggy Worth, WMCA; Mrs. Eddie Squires, WJAX; Eva Barclay, KJR; Mrs. Clara Hoover, KOA.

Radiophone Broadcasting Stations

Corrected Every Issue—Part I—Jan. 1, 1927

United States

AT9, Fort Bragg, N. C. 434.5m-690kc. 750 watts. U. S. Government. Announcer, Lieut. James Y. LeGette. Slogan, "The Pioneer Broadcasting Station of the Army." Tues, Thurs, Sat, 8-9:55 pm, dance music, talks, bands, fights. Sun, 8-9:55 pm, service. Eastern.

KDKA, E. Pittsburgh, Pa. 309.1m-970kc. 50,000 watts. Westinghouse Elec. & Mfg. Co. Announcer, George S. Ryan. Slogan, "The Pioneer Broadcasting Station of the World." Daily ex Sun, 9:45-10 am, 11:55, time, 12, market reports, weather; 2:30-5:30, music; 7, 9:55, time, daily except Sun, Sat; 12:15 pm; 7:45 pm, talks. Daily ex Sat, Sun, 8:30 pm; 8:45, concert; 9:55, time. Sat, 8:45 pm, concert; 9:55, time. Tues, Thurs, 10:30 pm. Sun, 9:45 am, 3 pm, 3:45, 6:45. Eastern.

KDLR, Devils Lake, N. Dak. 230.6m-1300kc. 5 watts. Radio Elec. Co. Announcer, Harold Serumgard. Daily ex Sun, 12:10 pm, weather; 6:15, markets. Mon. 9:30-11:30 pm. Sun, 11 am, church. 4:30-6. Central.

KDYL, Salt Lake City, Utah. 245.8m-1220kc. 100 watts, Intermountain Broadcasting Corp. Announcer, F. B. Provol. Slogan, "Out on the Great Divide." Daily ex Sun, 2-5:30 pm, 7-12 mid. Sun, 11-1 am. Mountain.

KFAB, Lincoln, Nebr. 340.7m-880kc. 1,000 watts. Nebraska Buick Auto Co. Announcer, Gayle Grubb. Daily ex Sun, 9:30-9:55 am, weather reports; 3-4 pm, Mon, Tues, Wed, Fri, 10:30-11 am, home economics, 1:15-1:30 pm, talks; 3:30-4 pm, 5:30-6:30, 8:05-8:30, college of agriculture; 8:30-10:30. Tues, Sat, 3-4 pm. Sat, 9:30-9:55 am; 5:30-6:30 pm, 8:30-10, 12-2 am. Sun, 4-5 pm; 9-11. Ceutral.

KFAD, Phoenix, Ariz. 272.6m-1100kc. 100 watts. Electrical Equip. Co.-McArthur Brothers Mercantile Co. Announcer, Arthur C. Anderson. Slogan, "The Voice of Phoenix." Daily ex Sun, Mon, 6-7 pm, 8-9. Daily ex Sun, Wed, 6-7 pm; 9-11, concert, news, stocks. Mountain.

KFAF, San Jose, Calif. 217.3m-1380kc. 50 watts. Alfred Fowler.

KFAU, Boise, Idaho. 280.2m-1070kc. 1000 watts. Independent School Dist. of Boise. Announcer, Howard Packenham. Mon, Tues, Wed, Thurs, Fri, 12:30-1 pm, weather, markets, U. S. program. Tues, 7:30-8 pm, children's hour; 8-10, music. Thurs, 8-10 pm. Central.

KFBB, Havre, Mont. 275.1m-1090kc. 50 watts. F. A. Buttrey Co. Announcer, E. A. Baer. Daily ex Sun, 12:45 pm, music, markets, weather, reports. Wed, 7:30-9 pm. Mountain.

KFBC, San Diego, Calif. 380m-789kc. 100 watts. W. K. Azbill Union League Club. Daily ex Sun, Fri, 12-1 pm. Daily, 8-10 pm. Sat, 10 pm. Sun, 9-10 am. Bible lesson, sermon. Pacific.

KFBK, Sacramento, Calif. 535m-560.4kc. 100 watts. Sacramento Bee, Mon, Thurs, 9-10 pm, Pacific.

KFBL, Everett, Wash. 223.7m-1340kc. 100 watts. Lesse Bros. Daily, 7:30-8:30 pm. Pacific.

KFBS, Trinidad, Colo. 238m-1260kc. 15 watts. "The Fisher Peak Station." School District No. One. Second and fourth Mondays, 7:30-9:30 pm. Mountain.

KFBU, Laramie, Wyo. 374.8m-800kc. 1500 watts. Bishop N. S. Bishop. Announcer, Stanley Edwards.

KFCB, Phoenix, Ariz. 238m-1260kc. 125 watts. Nielsen Radio Supply Co. Announcer, E. A. Nielsen. Slogan, "Kind Friends Come Back." Mon, Thurs, 8-9 pm. Sun, 12-2 am, 9:30-10:30 pm. Mountain.

KFDD, Boise, Idaho. 275.1m-1090kc. 50 watts. St. Michael's Episcopal Cathedral. Announcer, Rev. Paul Roberts, Sun, 11:15-12:30 pm; 7:30-9:15. Mountain.

KFDM, Beaumont, Tex. 315.6m-950kc. 500 watts. Magnolia Petroleum Co. Announcer, Magnolene Mike. Slogan, "Kall for Dependable Magnolene." Tues, Fri, 12:30-12:55 pm, band concert; 8-10, concerts. Sun, 11-12 m, 8-9 pm. Central.

KFDX, Shreveport, La. 236.1m-1270kc. 500 watts. First Baptist church. Announcer, W. E. Anthony. Sun, 10:50 am; 7:45 pm. Central.

KFDY, Brookings, S. D. 299.8m-1000kc. 500 watts. State College of Agriculture and Mechanical Arts. Announcer, Ted Schultz. Daily ex Thurs, 12:15 pm, 7:30. Central.

KFDZ, Minneapolis, Minn. 230.6m-1300ks. 10 watts. Harry O. Iverson. Tues, 9 pm. Sun, 5:45 pm. Central.

KFEC, Portland, Ore. 252m-1190kc. 100 watts. Meier & Frank Co., Inc. Daily ex Sun, 12 m, weather, reports; 4-5 pm, music; 6:30 pm, weather, crop, markets, reports. Sat, 11 am-12 m, children's hour. Pacific.

KFEL, Denver, Colo. 254.1m-1180kc. 250 watts. Eugene P. O. Fallon, Inc. Daily ex Sun, 11 am, 2 pm, 4, 5. Tues, 9-10 pm; Thurs, 8-12 midnight. Mountain.

KFEQ, Oak, Nebr. 267.7m-1120kc. 2,500 watts. J. L. Seroggin: Announcer, G. G. Scroggin. Daily ex Sun, 2-3 pm, orchestra; 8:30-10. Sun, 4:30-6 pm; 8:30-10. Central.

KFEY, Kellogg, Idaho. 232.4m-1290kc. 10 watts. Bunker Hill & Sullivan Mining & Con. Co. Announcer, Walter C. Clark. Slogan, "Voice of the Coeur D'Alenes." Mon, Thurs, 7-8 pm. Sun, 11 am, 7:30 pm. Pacific.

KFFP, Moberly, Mo. 241.8m-1240kc. 50 watts. First Baptist Church. Announcer, Granville Ray Boots. Slogan, "The Gospel Messenger of the Air." Thurs, 7:30 pm. Sun, 9:45 am, 11, 7:30 pm. Central.

KFGQ, Boone, Iowa. 225.4m-1330kc. 10 watts. Crary Hardware Co.

KFH, Wichita, Kan. 267.7m-1120kc. 500 watts. Hotel Lassen. Announcer, J. L. Fox. Daily ex Sun, 9-11 am, 1-2 pm. Mon, Wed, Fri, Sat, 7-8 pm. Sun, 7 pm, service. Central.

KFHA, Gunnison, Colo. 252m-1190kc. 50 watts. Western State College of Colorado. Announcer, E. Russell Wightman. "Where the Sun Shines Every Day." Tues, Fri, 7-9 pm. Mountain.

KFHL, Oskaloosa, Iowa. 239.9m-1250kc. 10 watts. Penn College.

KFI, Los Angeles, Calif. 467m-642kc. 4,000 watts. Earle C. Anthony, Inc. Announcer, Leslie Hurd. Slogan, "A National Institution." Daily ex Sat, Sun, 5:30-11 pm. Sat, 5:30-2 am. Sun, 10-11 am, 4-5 pm, 6:30-11, 11-12:30 pm, first and third Sunday of month. Pacific.

KFIF, Portland, Ore. 247.8m-1210kc. 100 watts. Benson Polytechnic School.

KFIO, Spokane, Wash. 272.6m-1100kc. 100 watts. North Central High School.

KFIQ, Yakima, Wash. 256.3m-1170kc. 100 watts. First Methodist Church. Announcer, Dr. I. M. Miller. Wed, 7:30 pm, organ. Sat, 7 pm. Sun, 11 am, 7:30 pm. Pacific.

KFIU, Juneau, Alaska. 225.4m-1330kc. 10 watts. Alaska Elec. Light & Power Co. Announcer, O. E. Schoembell. Mon, Wed, Fri, 6-7 pm. Alaskan time.

KFIZ, Fond du Lac, Wis. 272.6m-1100kc. 100 watts. Fond du Lac Commonwealth Reporter. Announcer, Albert Mayer. Daily ex Sun, 5 pm, news, markets, weather. Sun, 6-7 pm. Central.

KFJB, Marshalltown, Iowa. 247.8m-1210kc. 10 watts. Marshall Electric. Co. Announcer, E. N. Peak. Slogan, "Marshalltown, the Heart of Iowa." Daily ex Sun, 10 am, markets. Tues, Fri, 8:30 pm. Central.

KFJF, Oklahoma City, Okla. 260.7m-1150kc. 500 watts. National Radio Mfg. Co. Announcer, Tired Hand. Slogan, "Radio Headquarters of Oklahoma City—The City of Opportunity." Daily ex Sun, 9 am, market service; 9:15, exercises; 10, markets; 12:30, markets; 6:15, markets; 6:30, dinner hour music; 7, bulletins; 9, musicale. Mon, 7:20 pm. Tues, 12:40 pm. Wed, 8 pm. Thurs, 7:20 pm. Sun, 10 am, Bible class; 11, services; 7:30, First Baptist church; 9:30, lecture. First Sunday of each month, 2:30 pm, Shrine band. Central.

KFJI, Astoria, Ore. 245-8m-1220kc. 10 watts. E. E. Marsh and Liberty theater. Announcer, E. E. Marsh, Wed, 9-10 pm, organ. Sun, 12:30-1:30 pm. Sun, 10:30-11 pm. Pacific.

KFJM, Grand Forks, N. D. 277.6m-1080kc. 100 watts. University of North Dakota. Slogan, "Grand Forks, The Educational Center of the State." Daily, 12m, 6 pm, 8. Central.

KFJR, Portland, Ore. 263m-1140kc. 100 watts. Ashley C. Dixon & Son. Announcer, Ashley C. Dixon, Sr. Mon, 7:30-8:45 pm. Tues, 7:15-8:15 pm; 9:15-10:45. Wed, 7:30-8:30 pm. Thurs, 7:30-8:30 pm; 9-10:30. Sat, 1:30-3 pm. Pacific.

KFJY, Fort Dodge, Iowa. 245.8m-1220kc. 100 watts. Tunwall Radio Co. Announcer, Carl Tunwall. Daily, 5:45 pm, markets, news, weather, bulletins. Mon, 8-9 pm. Thurs, 7-9 pm. Central.

KFJZ, Fort Worth, Texas. 254.1m-1180kc. 50 watts. W. E. Branch.

KFKA, Greeley, Colo. 272.6m-1100kc. 100 watts. Colorado State Teachers' College. Announcer, John Henry Shaw.

KFKB, Milford, Kan. 431.4m-695kc. J. R. Brinkley, M. D.

KFKU, Lawrence, Kan. 275.1m-1090kc. 500 watts. University of Kansas. Mon, Thurs, 12:30-1:30 pm. Central.

KFKX, Hastings, Nebr. 288.3m-1040kc. 5,000 watts. Westinghouse Elec. & Mfg. Co. Announcer, Hobh R. Turner. Slogans, "The Empress of the Air," "The Pioneer Re-Broadcasting Nation of the World." Daily ex Sun, 5:15-6:15 pm, KDKA programs. Daily ex Sat, Sun, 9:30 am, 10:30, 12:30 pm, 3, 7, markets. Mon, Thurs, Fri, 9-11 pm, music. Sat, 9:30 am, 10:30, 12:30 pm. Central.

KFKZ, Kirksville, Mo. 225.4m-1330kc. 75 watts. State Teachers College. Announcer, F. M. Henry. Mon, 8-10 pm, Sun, 3:30-4:30 pm. Central.

KFLR, Albuquerque, N. M. 254.1m-1180kc. 100 watts. U. of N. M.

KFLU, San Benito, Texas. 236.1m-1270kc. 10 watts. San Benito Radio club. Announcer, R. W. Thacker. Slogan, "Heart of the Magic Valley." Mon, Thurs, Sat, 8:30-10 pm, concert. Sat, 8:30 pm, Sunday school lesson. Central.

KFLV, Rockford, Ill. 228.9m-1310kc. 100 watts. Swedish Evangelical Mission Church. Announcer, A. T. Frykman. Fri, 8:30 pm. Sun, 12:30 pm, service for shut-ins (Swedish); 9:30, service (English). Central.

KFLX, Galveston, Texas. 239.9m-1250kc. 10 watts. George R. Clough.

KFMR, Sioux City, Iowa. 260.7m-1150kc. 100 watts. Morningside College. Announcer, Jesse C. Ducommun. Wed, 9:15 pm. Central.

KFMX, Northfield, Minn. 336.9m-890kc. 500 watts. Carleton College. Off the air for the summer.

KFNF, Shenandoah, Iowa. 461.3m-650kc. 1000 watts. Henry Field Seed Co. Announcer, Henry Field. Slogan, "Friendly Station in a Friendly Town." Daily ex Sun, 7-8 am, 10-11, 12:30-2 pm; 2:45-4, rocking chair time; 7-9 pm. Sun, 10:45 am, 2:30 pm, 3-4, services; 6:30-7:30, Golden Rule; 7:30-8:30, church service. Central.

KFOA, Seattle, Wash. 454.3m-660kc. 1,000 watts. Rhodes Dept. Store. Announcer, Luther J. Jensen. Slogan, "The Gateway to the Orient." Daily ex Sat, Sun, 12:30-1:30 pm. Daily ex Sun, 10-10:30 am, homemakers' hour; 3-4 pm, women's clubs; 4:15-5, news; 6:25-10 pm. Daily ex Sun, Thurs, 8:30-10 pm. Times program. Mon, Wed, Fri, 6:45-8:15 pm, studio music. Tues, Sat, 10-11:30 pm, orchestra: Fri, 10:30-12 mid, Hoot Owls, KGW. Central.

KFOB, Burlingame, Calif. 225.4m-1330kc. 50 watts. Burlingame KFOB, Inc. Tues, Thurs, 8-12 mid, Sat, 5:30-6 pm, 8-12. Pacific.

KFON, Long Beach, Calif. 232.4m-1290kc. 500 watts. Nichols & Warriner, Inc. Slogan, "Where Your Ship Comes In." Daily ex Sun, Mon, 11:30-12:30 pm; 2:30-4:30, 5-12. Mon, 11:30-12:30 pm, 4-4:30, 5-12. Sun, 2:30-4 pm, 5-11. Pacific.

KFOO, Salt Lake City, Utah. 236.1m-1270kc. 250 watts. Latter Day Saints University. Announcer, Don C. McRae.

KFOR, David City, Nebr. 225.4m-1330kc. 100 watts. David City Tire & Elec. Co. Announcer, Frank W. Trotter. Slogan, "The Voice of David City." Mon, Thurs, 7:30-9:30 pm. Central.

KFOT, Wichita, Kan. 230.6m-1300kc. 50 watts. College Hill Radio Club. Off the air.

KFOX, Omaha, Nebr. 247.8m-1210kc. 100 watts. Board of Education. Technical High.

KFOY, St. Paul, Minn. 252m-1190kc. 50 watts. Beacon Radio Service. Announcer M. G. Goldberg. Daily ex Sun, 8 pm. Sun, 2:30 pm. Central.

KFOZ, Minneapolis, Minn. 231m-1300kc. 10 watts. Harry O. Iverson.

KFPL, Dublin, Texas. 252m-1190kc. 15 watts. C. C. Baxter, announcer.

KFPM, Greenville, Texas. 241.8m-1240kc. 10 watts. The New Furniture Co. Announcer, Dave Ablowich, Jr. Slogan, "The New Furniture Co., the Home of Good Furniture," Located at Greenville, Texas, Where You Find "The Blackest Land, the Whitest People." Daily ex Sun, 1 pm, music. Tues, Wed, Fri, 8 pm. Sun, 11 am, services; 7:30 pm, irregularly. Central.

KFPR, Los Angeles, Calif. 230.6m-1300kc. 500 watts. Los Angeles Co. Forestry Dept. Irregular schedule.

KFPW, Carterville, Mo. 258.5m-1160kc. 100 watts. St. John M. E. church, S. Slogan, "Keeping Pace with Christ Means Progress." Wed, Fri, 8-10 pm, popular program. Sun, 1-3 pm, chapel service. Central.

KFPY, Spokane, Wash. 272.6m-1100kc. 100 watts. Symous Investment Co. Announcer, E. B. Craney. Daily ex Sun, Tues, 7-7:45 pm. Mon, 9:30-10:30 pm. Wed, 9-12. Thurs, 10-11 pm. Sat, 11-12 midnight. Sun, 9:45-10:30 am; 9-10 pm. Pacific.

KFQA, St. Louis, Mo. 280.2m-1070kc. 5000 watts. The Principia. Sun, 8 pm. Thurs, 8 pm. Central.

KFQB, Fort Worth, Tex. 508.2m-590kc. 3,000 watts. Lone Star Broadcast Co. Announcer, Louis E. Diehl. Daily ex Sun, Wed, 10:30-12:30 pm, 8:30-9:30, 10:30-11:30. Central.

KFQD, Anchorage, Alaska. 300m-999.4kc. 100 watts. Anchorage Radio Club. Daily ex Sun, 8:10 pm. Alaskan time.

KFQP, Iowa City, Iowa. 223.7m-1340kc. 10 watts. George S. Carson, Jr. Wed, 8-9 pm. Central.

KFQU, Alma, Calif. 230.6ru-1300kc. 250 watts. W. Riker, Announcer, Arthur J. Landstrom. Daily ex Mon, 9-10 pm. Sun, 11-12 m, 9-10 pm. Pacific.

KFQW, Seattle, Wash. 215.7m-1390kc. 50 watts. The Photo Radio and Elec. Shop. Announcer, Carl F. Knierim. Slogan, "At the Westeru Entrance of Snoqualmie Pass." Thurs, 8-9 pm. Sun, 8:45-10 pm. Pacific.

KFQX, Seattle, Wash. 210m-1428kc. Alfred M. Hubbard.

KFQZ, Hollywood, Calif. 225.4m-1330kc. 500 watts. Taft Radio Company. Announcer, Dave Ward. Daily ex Sun, 12-1 pm, 6-7, 8-11. Sun, 11-12 n, 8-11 pm. Pacific.

KFRB, Beeville, Texas. 247.8m-1210kc. 250 watts. Hall Brothers. Temporarily off the air.

KFRC, San Francisco, Calif. 267.7m-1120kc. 50 watts. Don Lee, Inc. Mon, 10-11 am, 4:30-9 pm. Tues, 5:30-11 pm. Wed, 10-11 am, 5:30-12. Thurs, 5:30-10 pm. Fri, 5:30-11 pm. Sat, 5:30-1 am. Sun, 8:30-10:30 pm. Pacific.

KFRU, Columbia, Mo. 499.7m-600kc. 500 watts. Stephens college. Announcer, Gale Curtright. Daily ex Sun, 8:30-9 am. Mon, Tues, Thurs, Fri, 6:15-7 pm, music; 7-7:15, Radio school. Sat, 3 pm, sports; Thurs, 10-12 n. Central.

KFRW, Olympia, Wash. 218.8m-1370kc. 50 watts. Western Broadcasting Co.

KFSD, San Diego, Calif. 245.8m-1220kc. 1000 watts. Airfan Radio Corp. Daily ex Sun, Sat, 6:15-11 pm. Sat, 6:30-11 pm. Sun, 3-4 pm, 6:15-10. Pacific.

KFSG, Los Angeles, Calif. 275.1m-1090kc. 500 watts. Angeles Temple. Tues, Thurs, Fri, 10:30-12:30 pm; 2:30-3:30. Sat, 3:30-4:30 pm. Tues, 6:30-7:30 pm. Wed, 2:30-4:30 pm; 6:30-7:30. Thurs, Fri, Sat, 7:30-11 pm. Sun, 10:30-12:30 pm, 2:30-4:30, 7-9:30, 10-11. Mon, silent. Pacific.

KFUL, Galveston, Texas. 258.5m-1160kc. 50 watts. Thomas Groggan & Bros.

KFUM, Colorado Springs, Colo. 239.9m-1250kc. 100 watts. Corley Mountain Highway. Announcer, Frank Gilles. Mon, Thurs, Fri, 8-9:30 pm. Mountain.

KFUO, St. Louis, Mo. 545.1m-550kc. 500 watts. Concordia Theological Seminary (Lutheran). Announcer, Herm. H. Hohenstein. Mon, 9 pm. Wed, Sun, 9:15 pm. Central.

KFUP, Denver, Colo. 234.2m-1280kc. 50 watts. Fitzsimons General Hospital, Educational and Recreational Dept.

KFUR, Ogden, Utah. 223.7m-1340kc. 50 watts. Peery Building Co. Tues, Thurs, Sat, 9:50-11:50 pm, dance music. Mountain.

KFUS, Oakland, Calif. 256.3m-1170kc. 50 watts. The Gospel Radio. Slogan, "The City of Opportunity."

KFUT, Salt Lake City, Utah. 263m-1140kc. 100 watts. University of Utah.

KFUU, Oakland, Calif. 220.4m-1360kc. 50 watts. H. C. Colburn, E. L. Mathewson. Announcer, H. C. Colburn. Slogan, "The Voice of Automobile Row." Daily ex Sun, 10:45-11:45 am; 6:30-7:15 pm. Tues Thurs, 8-10 pm. Sat, 6:30-2 am. Sun, 8-9:30 pm. Pacific.

KFVD, Venice, Calif. 208m-1441kc. 250 watts. W. J. & C. I. McWhinnie. Announcer, Leo T. Cleary. Daily ex Sun, 9-10 am; 5-7 pm, 8-12. Wed, Thurs, Fri, 4-5 pm. Sat, 12 mid. Pacific.

KFVE, University City, Mo. 239.9m-1250kc. 5000 watts. Benson Broadcasting Corp. Announcer, Howard H. Waters. Daily ex Sun, 6-12 mid. Central.

KFVG, Independence, Kan. 236.1m-1270kc. 15 watts. First Methodist Episcopal church. Sun, services.

KFVI, Houston, Texas. 239.9m-1250kc. 250 watts. KFVI Broadcasting Company. Announcer, Ted Hills. Daily, 8-9:30 am; 7-10:30 pm. Central.

KFVN, Fairmont, Minn. 227m-1320kc. 50 watts. Carl E. Bagley. Slogan, "The Voice of Martin County." Mon, Wed, Fri, 9 pm. Sun, 3 pm. Central.

KFVR, Denver, Colo. 243.8m-1230kc. 50 watts. Olinger Corp. Broadcasting.

KFVS, Cape Girardeau, Mo. 223.7m-1340kc. 50 watts. Hirsch Battery & Radio Co. Announcer, W. W. Watkins. Slogan, "The City of Opportunity." Daily ex Sun, 12:15 pm, news, markets. Mon, Thurs, 7:30 pm. Sun, 11 am, 7 pm, church. Central.

KFVY, Albuquerque, N. M. 249.9m-1200 kc., 100 watts. Radio Supply Co. Announcer, J. F. Walsh. Slogan, "Center of the Sunshine State." Daily ex Sun, 5:30-6:30 pm, dinner concert; baseball. Tues, Fri, 8-9:30 pm, dance music. Mountain.

KFWB, Hollywood, Calif. 252m-1190kc. 500 watts. Warner Brothers. Announcer, Charlie Wellman. Daily ex Sun, 6-7 pm. Mon, Tues, Wed, 5-6 pm. Mon, Tues, Wed, 5-11 pm. Thurs, Fri, Sat, 6-11 pm, Sun, 9-11 pm. Pacific.

KFWC, San Bernardino, Calif. 291.1m-1030kc. 50 Watts. L. E. Wall. Annouucer, Cecil Ward. Daily ex Sun, 2-4 pm. Pacific.

KFWF, St. Louis, Mo. 214.2m-1400kc. 500 watts. St. Louis Truth Center. Slogan, "The Voice of Truth." Announcer, Rev. Charles H. Hartmann. Sun, Thurs, 10:45 am, 7:45 pm, 9. Central.

KFWH, Eureka, Calif. 254.1m-1180kc. 100 watts. F. Wellington Morse, Jr. Slogan, "Kind Friends We're Here." Daily ex Sun, 10:30-11:30 am, 6:15-6:30 pm, news, music. Mon, Wed, Fri, 8-10 pm, 12-1:30 am; Sun, 9:30 am. Pacific.

KFWI, San Francisco, Calif., 249.9m-1200kc. 500 watts. Radio Entertainments, Incorp. Announcer. Tom Catton. Mon, Fri, 1-2 pm, 6-7:30, 8-1 am. Tues, Wed, Thurs, 1-2 pm, 6-7:30, 8-12. Sat, 8-12 mid. Sun, 1-4 pm, 8-12.

KFWM, Oakland, Calif. 325.9m-920kc. 500 watts. Oakland Educational Society. Announcer, George A. Flick. Mon, Tues, Thurs, Sat, 8-10 pm. Tues, Wed, Fri, 2-3 pm. Sun, 9:30-10 am., 10-11. Pacific.

KFWO, Avalon, Calif. 211.1m-1420kc. 250 watts. Major Lawrence Mott-Signal Corp. Slogan, "Katalina for Wonderful Outings." Daily, 12:30-1:30 pm, 7:30-9. Tues, Fri, Sun, 5-6 pm. Pacific.

KFWU, Pineville, La. 238m-1260kc. 100 watts. Louisiana College.

KFWV, Portland, Ore. 212.6m-1410kc. 100 watts. KFWV Broadcast Studio. Announcer, Curtis Phillips. Daily ex Sun, 10 am, 6-7 pm, 8-10, 10-11. Pacific.

KFXB, Big Bear Lake, Calif. 202.6m-1480kc. 500 watts. Bertram O. Heller. Slogan, "Rim of World Station." Daily ex Sun, 5 pm. 8, news, weather, road reports. Pacific.

KFXD, Logan, Utah. 205.4m-1460kc. 10 watts. Service Radio Co.

KFXF, Colorado Springs, Colo. 249.9m-1200kc. 500 watts. Pikes Peak Broadcasting Company. Announcer, W. D. Pyle. Slogan, "The Pikes Peak Statiou." Tues, Fri, Sat, 4:30 pm. Sun, Tues, Fri, Sat, 8 pm. Mon, Thurs, 9 pm. Sun, 11 am. Mountain.

KFXH, El Paso, Texas. 241.8m-1240kc. 50 watts. Bledsoe Radio Company. Announcer, Chuck Swann. Slogan, "The Voice of the Rio Grande." Mon, Wed, Fri, 8-10 pm. Mountain.

KFXJ, Colorado, 215.7m-1390kc. 10 watts. Mountain States Radio Distributors, Inc. (Portable.)

KFXR, Oklahoma City, Okla. 214.2m-1400kc. 15 watts. Classen Film Finishing Company. Announcer, G. W. Classen.

KFXY, Flagstaff, Ariz. 214.2m-1400kc. 50 watts. Mary M. Costigan.

KFYF, Oxnard, Calif. 214.2m-1400kc. 10 watts. Carl's Radio Den. Announcer, Carl Newcomb. Slogan, "The Baby Super Station." Daily ex Sun, 5-6 pm, weather, crops, news, music. Pacific.

KFYJ, Houston, Texas. 238m-1260kc. 10 watts. Houston Chronicle Pub. Co.

KFYO, Texarkana, Texas. 351m-854kc. 15 watts. Buchanan-Vaughan Co. Announcer, W. H. Mathews, Jr. Daily ex Sun, 12-1 pm, 6-7. Sun, 11 am. Central.

KFYR, Bismarck, N. D. 247.8m-1210kc. 10 watts. Hoskins-Meyer, Inc. Announcer, W. S. Wales. Daily ex Sun, 6:30-7:30 pm. Sun, 10:30-12 mid, 1-3 pm. Central.

KGAR, Tucson, Ariz. 243.8m-1230kc. 100 watts. Tucson Citizen. Announcer, Harold S. Sykes.

KGBS, Seattle, Wash. 227m-1320kc. 100 watts. Cutler's Radio Broadcasting Service, Inc. Announcer, Arthur C. Dailey. Mon, 8:30-9:30 pm. Wed, 7-8 pm, 9-10. Fri, 7:30-8:30 pm. Sat, 9:10 pm. Pacific.

KGBU, Ketchikan, Alaska. 228.9m-1310kc. Alaska Radio & Service Co.

KGBX, St. Joseph, Mo. 347.8m-862kc. 30 watts. Foster-Hall, Inc. Tues, Fri, 8-10 pm. Central.

KGBY, Shelby, Nebr. 202.6m-1480kc. 50 watts. Albert C. Dunning.

KGBZ, York, Nebr. 333.1m-900kc. 100 watts. Announcer, Dr. George R. Miller. Slogan, "Keep Your Hogs and Poultry Healthy." Mon, Wed, Thurs, Fri, Sat, 10 am, 12n., markets. Mon, Wed, Fri, 7:30-9:30 pm. Thurs, Sat, 9-12 mid. Sun, 11-12n, Central.

KGCA, Decorah, Ia. 280.2m-1070kc. 15 watts. Bar Bear Clothing Company.

KGCB, Oklahoma City, Okla. 331m-905.8kc. 50 watts. Wallace Radio Institute.

KGCG, Newark, Ark. 239.9m-1250kc. 100 watts Moore Motor Co. Wed, 9-10 pm. Sat, 10-11 pm. Sun, 2:30-3:30 pm. Central.

KGCH, Wayne, Nebr. 434m-690kc. 500 watts. Wayne Hospital. Announcer Merrill Shum. Slogan, "Remember Us When U. R. Ill." Daily ex Sun, 9:30 am, stocks, weather. Daily ex Sun, Sat, 6 pm, 6:30. Sun, 6 pm. Central.

KGCI, San Antonio, Tex. 239.9m-1250kc. 15 watts. Searcy M. Rhodes.

KGCL, Seattle, Wash. 238m-1260kc. 10 watts Louis Wasmer, Archie Taft.

KGCN, Concordia, Kan. 210m-1428kc. 50 watts. Alva E. Smith.

KGCR, Brookings, S. D. 252m-1190kc. Cutler's Radio Broadcasting Service, Inc.

KGCU, Mandan, N. D. 285m-1052kc. Mandan Radio Assn.

KGCX, Vida, Mont. 240m-1249kc. First State Bank of Vida. Announcer, E. E. Krebsbach. Daily ex Sun, 12:30 pm, markets, news. Sun, 2 pm. Pacific.

KGDA, Dell Rapids, S. D. 254.1m-1180kc. Home Auto Co.

KGDE, Barrett, Minn. 232.4m-1290kc. Jaren Drug Company.

KGDI, Seattle, Wash. 416.4m-720kc. Northwest Radio Service Co.

KGDJ, Cresco, Iowa. 202.6m-1480kc. R. Rathert.

KGDM, Stockton, Calif. 217.3m-1380kc. Victor G. Koping.

KGDO, Dallas, Texas. 285m-1052kc. C. H. and Henry Garrett.

KGDP, Pueblo, Colo. 260.7m-1150kc. Boy Scouts of America.

KGDR, San Antonio, Tex. 240m-1249kc. Radio Engineers.

KGEA, Seattle, Wash. 345m-869kc. Puget Sound Radio Broadcasting Co.

KGO, Oakland, Calif. 361.2m-830kc. 5000 watts. Gen. Elec. Co. Announcer, Howard I. Milholland. 11:30 am, luncheon concert. Daily ex Sat, Sun, 1:30 pm; Sat, 12:30 pm, markets weather. Sat, 4-5:30 pm, concert orchestra. Mon, Tues, Wed, Fri, 6-7 pm, music. Mon, Tues, Wed, Thurs, 8-10 pm, lectures, music. Tues, Thurs, Sat, 9-12. Mon, 5:30-6 pm, Children's half hour. Mon, Tues, Wed, Thurs, Fri, 6:55 pm, stocks, markets, weather, news. Thurs, 5-6 pm, boys' hour. Fri, 5-5:30 pm, girls' half hour. Sun, 11-12 m, 7:30 pm, church services. Pacific.

KGRS, Amarillo, Texas. 234m-1280kc. 100 watts. Gish Radio Service.

KGTT, San Francisco, Calif. 206.8m-1450kc. 50 watts. Glad Tidings Temple and Bible Institute. Daily ex Sun, 12:15 pm, Wed, Thurs, 2:30-3:30 pm. Tues, Wed, Fri, 8-10 pm. Sun, 2:30-3 pm; 3-5, 8-10. Pacific.

KGU, Honolulu, Hawaii. 270.1m-1110kc. 500 watts. Marion A. Mulrony, The Honolulu Advertiser. Announcer, Raymond A. Tilford. Sun, Mon, Tues, Thurs, Fri, 12-1 pm; 7:30-9. 157½ meridian. 2½ hours earlier than Pacific.

KGW, Portland, Ore. 491.5m-610kc. 1,000 watts. Oregonian Publishing Co. Announcer, Dick Haller. Slogan, "KGW, Keep Growing Wiser." Daily ex Sun, 10-11:30 am; 6-7. Daily ex Sat, Sun, 7:30-8 pm. Tues, Fri, 2-3:30 pm. Mon, Tues, Thurs, 8-12 mid. Wed, 8-10 pm. Fri, 8-10:30, 10:30-12. Sat, 8-12 mid. Sun, 10:30-12 noon, 7:30-10 pm. Pacific.

KGY, Lacey, Wash. 277.6m-1080kc. 50 watts. St. Martins College. Announcer, Sebastian Ruth. Slogan, "Out Where the Cedars Meet the Sea." Sun, Tues, Thurs, 8:30-9:30 pm. Pacific.

(To Be Continued)

CHALLENGE!

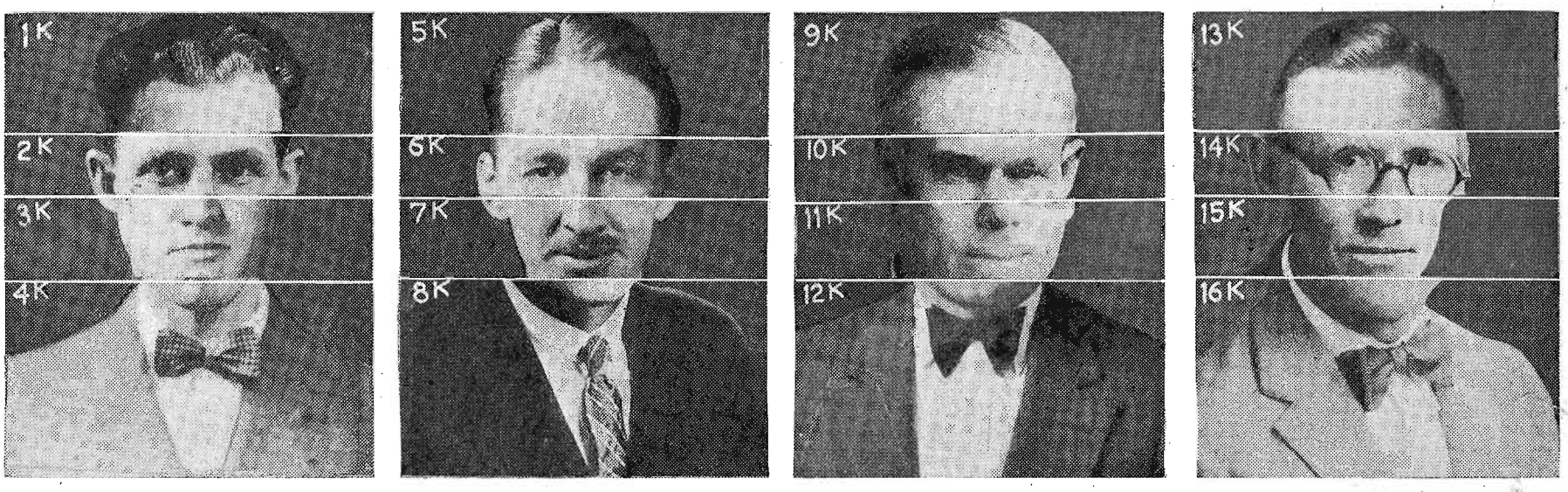
ONE DOLLAR will be paid to the Radio fan submitting the most errors in any one station's listing in this directory. Letters must reach Radio Digest office not later than two weeks from date of issue corrected. Readers are not limited to correcting one station, but such corrections must be certified by the stations themselves, and NOT by comparison to other so-called accurate broadcasting directors and lists. Readers also must live in same state or province as stations corrected are located. Station verifications must accompany corrections.

That's just how sure Radio Digest is that this broadcasting station directory is correct! To make the challenge fair for everyone, broadcasting stations and their employes are barred from this offer. Why? Because the broadcasters are the source of all the data given herein. They are (or should be) interested enough to answer the inquiry sent them every time data on their station appears. This inquiry contains a proof of their last listing and must either be corrected or O K'd as correct and returned to the Digest. Nevertheless, sometimes the stations are careless and mistakes are made. But Radio Digest is so sure of the exactness of this directory that this challenge is made unconditionally.

With reference to the directory: It appears in six parts, serially continuously; the first four parts are station data listings, arranged alphabetically; the fifth part is a state, city index of stations; the sixth part is a wave length index. The information contained in each station data listing is given in the following order: Call letters, city, state, watts antenna input, owner's name, announcer's name, slogan used if any, name of listener in "club," schedule of operating hours, and kind of time used, as "Central," "Mountain," etc. Until wave lengths become stable again, we will not be able to count these in the challenge.

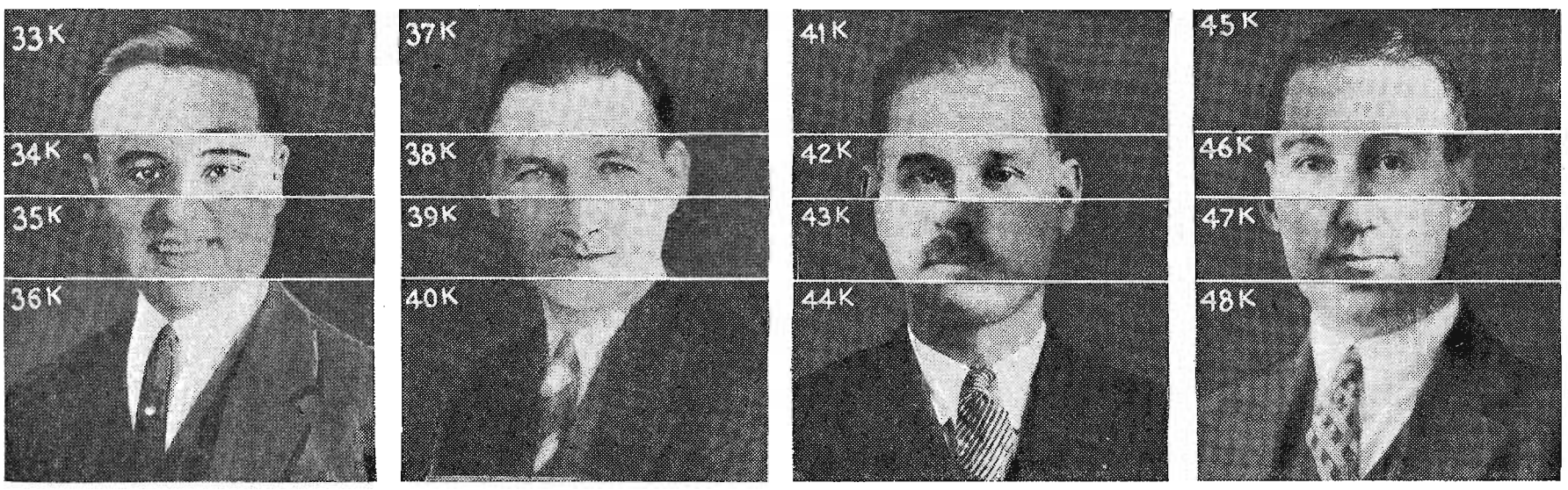
Six successive issues of Radio Digest will give one the most complete and accurate list of broadcasting stations obtainable. This service is original with this publication, and has been maintained from the start. Right of reproduction without permission of any or all of the data contained herein is forbidden.

BEGIN THE NEW YEAR RIGHT BY PLAYING WHOZIT

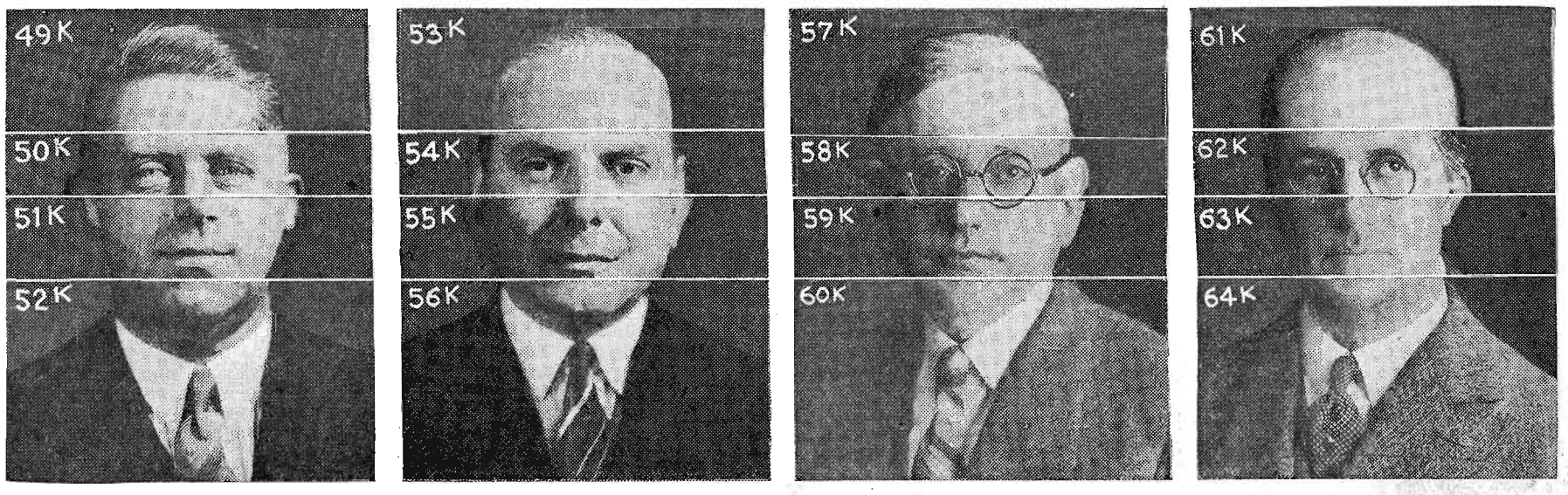


The following artists are in above panel: Don Hunt, KMOX; Albert Newquist, WOW; John Dowd, WSM; John D. Norton, WHT.

The following artists are in above panel: Wilma Melotz, WOW; Mrs. Daisy Hoffman, WSM; Jean Sargent, WHT; Helen Moore, KMOX.

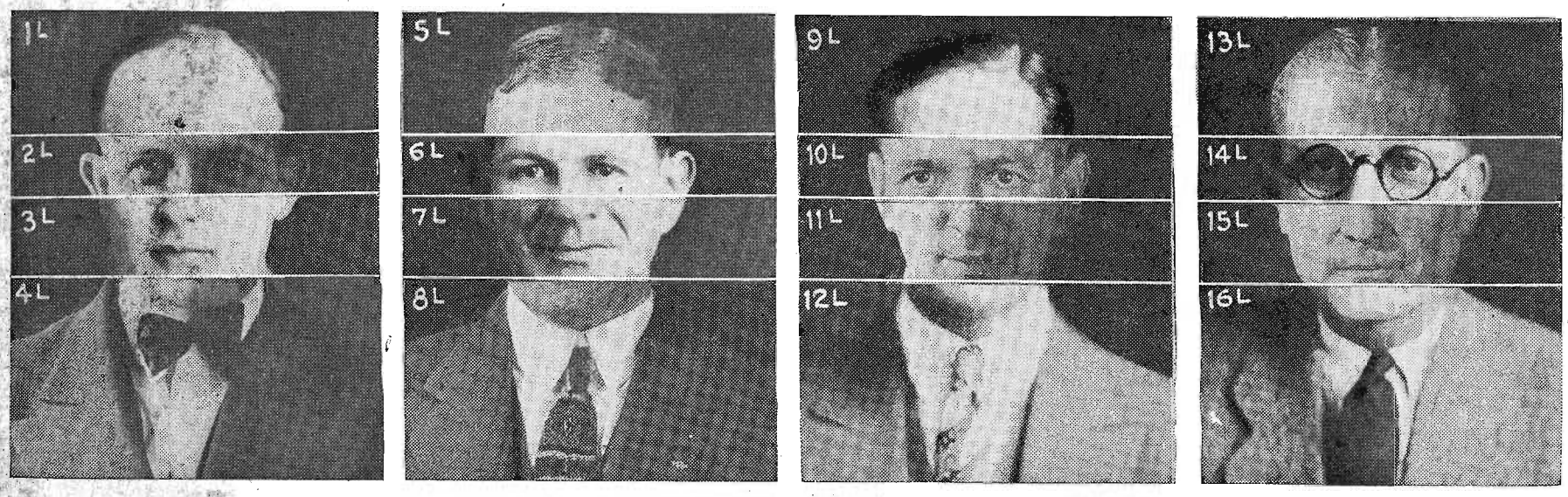


The following artists are in above panel: Leo Fitzpatrick, WJR; Eddie Peterson, WJR; Henry Haines, KTHS; F. Leslie Body, KTHS.



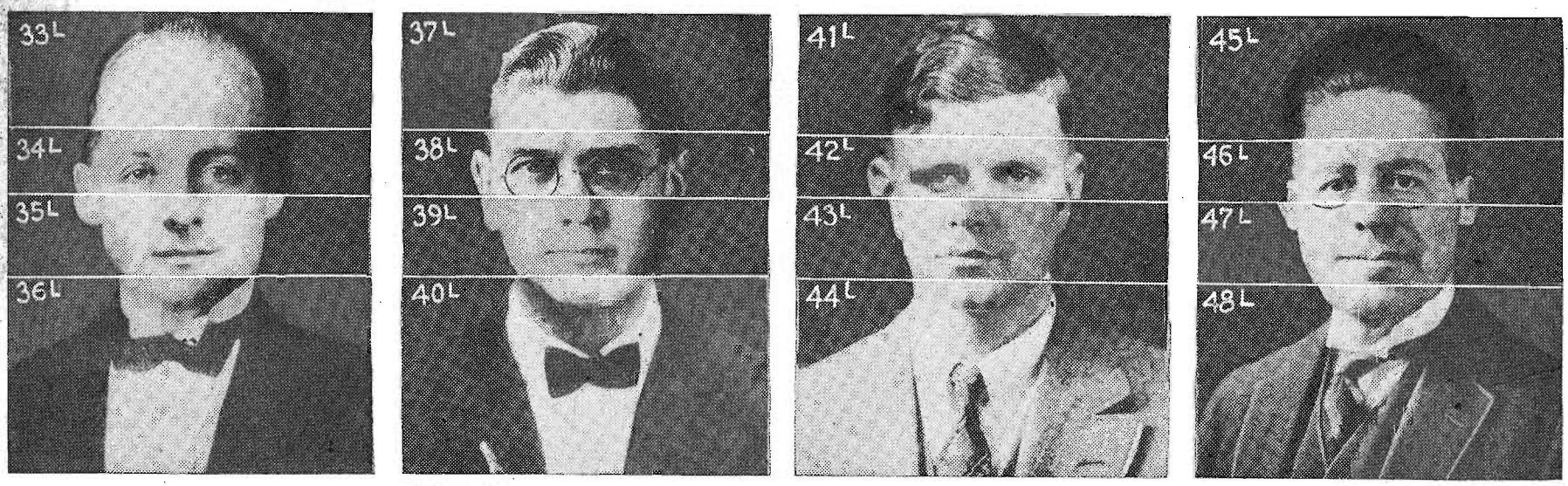
The following artists are in above panel: Lewis A. Vantine, WSOE; Michael Swedish, WSOE; Dr. Bertram Fenimore, WPG; Howard Clemons, WPG.

FIND POPULAR ARTISTS IN THE PICTURES BELOW



The following artists are in above panel: Sam Lazerov, WMC; Emmett Harris, WMC; Paul Estabrook, WOOD; Fred Gleason, WOOD.

The following artists are in above panel: Carol Burdick, WLW; Cyril Buschle, WLW; A. L. ("Al") Stone, WHB; Art Spratt, WHB.



The following artists are in above panel: Elmer S. Dayer, WMAK; J. Gowler, CKY; Walter Smith, WNAC; "Bill" Dodge, WNAC.

The following artists are in above panel: Ruth Reed, WHK; Arlien Betty Colon, WHK; Betty Thomas, WMAK; Edythe Leckie, CKY.

Radio Digest Illustrated

Reg. U. S. Pat. Off. & Dom. of Canada

Published by the
RADIO DIGEST PUBLISHING CO.,
(Incoroporated)
510 North Dearborn Street
Chicago, Illinois
Telephones: Superior 7323, 7324, 7325, 7326, 7327

E. C. RAYNER, Publisher

Eastern Office, Park-Lexington Building, 247 Park Ave., New York. Telephones: Ashland, 8144, 8145, 8146

Member of the Audit Bureau of Circulations

241

PUBLISHED SEMI-MONTHLY

SUBSCRIPTION RATES
Yearly in U. S. and Possessions and Canada, $3.00
Foreign Postage, $1.00 additional. Single copies, 15 cents.

Vol. XIX **January 1, 1927** **No. 6**

Our Forecast and Review

JANUARY first always brings to our mind the taking of inventory of our past year's work and looking ahead at what the New Year promises. As far as Radio is concerned, despite the numerous complaints of chaos and the lack of Radio control legislation, the year of 1926 has brought about many striking developments, both on the technical side and the program presentation division of broadcasting.

Crystal-controlled broadcasting transmitters are now the style, and engineers claim that such transmitters can never vary from their exact wave length. That is good. This development alone has made the broadcasting year worth while, if for no other reason.

Superpower transmitters, remotely controlled at proper distances from populated centers, have forged ahead. No longer is it necessary to strain one's ears and sacrifice quality in order to bring in a distant program one especially wishes to hear. Today, on January first, we have at least three transmitters with powers of 50,000 watts, and nearly half a dozen more in prospect. Five thousand watt stations have multiplied greatly and are radiating programs of such quality we never were able to hear in 1925. The trend has been toward increased power among the stations better equipped to serve the millions of listeners.

Enough for the technical developments of broadcasting. In the program division we may "point with pride" to scores of unusual accomplishments, each better than the one preceding. Chains have increased in size and are serving larger areas. Their programs have pleased many listeners previously out of range of the closest chain member. Chain programs have improved, thanks to the goodwill broadcast advertising appropriations made by representative business houses whose aim is to please the six million set owners of this country.

A practical demonstration of how well Radio programs can be arranged and presented was heard countrywide on November 15 when the National Broadcasting company dedicated its purposes to serve the greatest number of listeners in the best possible fashion. This scintillating program was probably unsurpassed by any other broadcast, unless it might be that of the Radio Industries banquet, handled earlier in the fall by nearly two score stations simultaneously.

Broadcasters not belonging to either the new "Red" or "Blue" chains of the National Broadcasting company have likewise made great strides in program building and ability of artists microphoned. We will not stop to discuss the many notable improvements nor mention names of stations. There are far too many cases.

We forecast that the Radio legislation problem will be settled before the present short session of Congress adjourns. We know, too, that many broadcasters now on the air are planning to increase their transmitting powers to the 50,000-watt class.

We believe in the future of Radio. It is still in its infancy despite the many notable achievements here discussed. Ere we know, the projection of Radio motion pictures from a central broadcasting organization will become an established fact. This, we predict, will occur perhaps in 1927, perhaps 1928, but certainly no later.

Yes, 1926 has made Radio history, and 1927 will make more.

New Idea in Political Radio

SOME wag, we will call him wag, has presented the idea that the proper fashion for the Republican, Democratic or other political parties to get adherents to their platforms via the Radio route, is for them to sponsor high-class musical presentations from the better broadcasting stations.

That is an idea. Perhaps even the platform could be woven into a program by the proper choice and arrangement of various musical compositions. Certainly, we will agree that such a political broadcast would hold far greater interest for the average American citizen than the cut-and-dried oratorical offerings we more often tune out around election time.

Boy, page the national committeemen.

RADIO INDI-GEST

Music

There's music in a purling stream
And rippling songs in rain;
There are ballads in a sunbeam
Echoed in a flower's refrain.

The singing birds in roulades
Send forth their songs from trees;
The heavenly orbit rejoices
With constant jubilees.

The greatest music in the world
Is when a mother sings;
The while she rocks her babe to sleep
As to her breast he clings.

RHEA SHELDON.

A Broadcast for Troy, N. Y.

Dear Indi: As a "consolation" to the late or very nearly late members of its congregation, WCBD, the Zion tabernacle, on a recent December Sunday, broadcast "Blessed Be the Tie That Binds." Indeed, how appropriate. I know, for many's the time I've cussed at my Arrow when I had a heavy date and the old cravat refused to budge. JUST KOSATKA.

English Radio English

Dear Indi: Asked why he refused to broadcast from the London station, a famous artist said because the fee offered was 2LO. I asked the B. B. C. how much they offered him, but they said that was a B. B. C.-cret!

LONDON BOBBY

The End of a Perfect(ly) Rotten Day

When you are late to dinner and you feel all in,
And you've lost your key and can't get in.
And you have to wait and push the bell,
And the wife lets you in and raises—well,
Because you brought beans when she said rice
And the iceman forgot to leave the ice,
And you learn that your dog killed the neighbors' cat
And the baby tore up your Sunday hat
And you sit down to eat and the dinner's cold,
And your wife looks tired and you feel old
And she wants to go to see a show,
And you don't and you say no.
Then she gets mad and goes to bed,
And you turn on the Radio and the battery's dead,
And you phone for new ones and they send them out,
And you hook them up with wires stout,
And you mix connections like a country rube,
Pull the switch and burn out every tube
And this, of course, calls for a drink of Rye,
But you go to the cupboard and the bottle's dry.
Then you pull the hair from your old bald head,
And you get awful mad and go to bed.
Listen to me—I want to say—
It's just the end of a Rotten Day.

OLD KING TUTT.
Hiz-zelf.

Alaska Papers, Please Copy

Camp 50, DeQuincy, La.
December 25, 1926.

Dear Indi: Radio in this part of Louisiana is at the present time a "howling" success—more howling than anything else. It is unusually warm here this winter, which, coupled with the fact as told me that Radio reception in this section is very poor most of the time, makes the game a great gamble.

It has reached my ears that east of the Mississippi river, the skeeters are so large that small live stock has to be kept in pens roofed over with chicken wire fencing in order to prevent the mosquitos from either carrying off the animals to be drained of their blood at some other place and time, or stabbed to death in the pens by the vicious bill of the skeeter, which resembles the sword of the Atlantic ocean sword fish.

Yours for veracity, cooler weather and better Radio in 1927. GEORGE.

Now, George, don't exaggerate. I know, restrained as you are from telling DX tales because there is no material, that it is a great temptation to press agent the advantages of the natural history of one's location, but please be careful. That is a heck of a way to end up the old year.

Radio Pickups

A boy stood on the rolling deck
Of a freighter out at sea,
And he warbled a tune,
To the silver moon,
In the transmitter of XYZ.

A wireless wave picked up the song,
And carried it back the line,
Where his sweetheart, Nett,
Sat in at the set
With her brother, Considine.

"Who is this guy with sweety lines?"
Her brother asked in scorn,
"He's the mushiest bird,
That I ever heard,
From the day that I was born."

"He's no such thing, you darn old grouch,"
Said Nett with much dismay,
"And he carries a punch,
Like a six dollar lunch,
That would put you in dreamland, any old day."

ARTHUR C. STOWELL.

Resolved, as we begin 1927, that we will hereafter charge our batteries and look into the so-called battery eliminator before taking our latest set apart; that we will refuse to listen to any male or female artist raved about by "Marcella"; that we will write to our Senator and Representative in Congress requesting proper Radio legislation, and that we will be darn fool enough to believe that Congress will pass a law satisfying everybody. ***INDI.***

Happy New Year

Condensed

BY DIELECTRIC

Station WBAP, Fort Worth, Texas, knows a good organ when the director hears one and has the added advantage of a very capable organist to play it. Merely to play a selection with grand organ, seldom varying the stops, is unlikely to hold the attention of any listener for very long, yet this is the practice of a number of organists heard by Radio. Our Texas organ, to begin with, evidently is a product of one of the foremost organ builders—shown in its quality and variety of pipes. The artist playing it has an acute sense of orchestration and never at a loss to choose the stop best fitted to convey the proper value of a phrase or motif. It is a genuine pleasure to hear this combination.

Are there a dozen stations covering the wave length of Station WAPI, Auburn, Alabama, so that you seldom can get them? I find it true, too. Yet there came a belated section from a program broadcast by this Alabama Polytechnic Institute station of a character tempting an alteration in the name: Terpsichorean instead of Polytechnic. Not that its exposition of the art would merit a place above any of the Night Club classes in modern dancing, but most of the works in Jazzology were on their Radio curriculum. A word about the announcing. A single breath suffices for any length announcement without punctuation inflection pause between station call and name of selection and that is all.

One of the most uniformly pleasing broadcasts to listen for are from the studio of WCBD, Zion, Ill. By that I refer to their entertaining features, naturally, not to the peculiarities in their religious views. The musical offerings are selected from a wide variety of interesting nature and presented by instrumentalists and vocalists.

Now don't misunderstand me when I say there are certain things about "L. P." director of Station WOW, out in Omaha, which are admirable and deserve our praise. I'm not looking for one of his famous form letters and may even find it expedient to comment adversely on some of the numbers fostered by him. Just now I am inclined to compliment Mr. Palmer for the quality of announcing, which is clear and concise, giving station call AND city between each number. There is no unnecessary delay in the progress of his programs and certainly nothing faintly approaching verbosity in the announcements—announcers please note. In addition to handing him that, I wish to pay my respects to that charming team of singers; Jean Gordon and Harry Wilson, in popular ballads.

There is a keen desire on my part to learn the flavors and amount of candy given the director at Station WSUI, university of Iowa station, at Iowa City, as a prize for his singing of the Prisoner's song. Maybe he didn't receive candy at all—that's possible! But this is what I started out to say (and I hope other broadcast directors guilty of the same offense will get riled too) about the director of that station. He shifted the onus for choice of selections to egotistic listeners glad to pay the cost of a telegram in return for hearing their own rhetorical efforts broadcast. When will this outworn custom be universally discarded with the concurrence of an augmented audience?

"King Dodo" was given with an acceptable cast from Station WCCO, Minneapolis-St. Paul, the soloists being singers of fair attainment with a tenor and soprano possessing really good voices. The work of the chorus did much to hold the attention of many listeners, as the content could hardly be expected to do.

AN EVENING AT HOME WITH THE LISTENER IN
IN CENTRAL TIME

Call	Location	Met.	Kc.	Saturday	Sunday	Monday	Tuesday	Wed.	Thursday	Friday
CFCA	Toronto....	356.9	840	Silent	6:00- 7:00	Silent	Silent	10:00-11:00	Silent	Silent
CFCN	Calgary.....	356.9	690	11:00- 1:00	Silent	Silent	Silent	Silent	9:00-10:00	Silent
CJCA	Edmonton..	434.5	580	10:00-12:00	8:30- 9:30	8:30-10:30	8:30- 9:00	7:00- 9:00	10:00-12:00	9:00-12:00
CKAC	Montreal...	516.9	730	6:15-11:00	1:45- 4:45	Silent	6:15-10:30	Silent	7:30- 8:30	Silent
CKCL	Toronto....	410.7	840	6:00- 7:00	2:00- 3:55	Silent	5:45-11:00	Silent	11:00-12:00	Silent
CKNC	Toronto....	356.9	840	8:00- 9:00	Silent	7:00- 8:00	Silent	Silent	Silent	Silent
CKY	Winnipeg...	384.4	780	7:30-10:30	6:00- 9:00	7:30-11:00	Silent	8:00-10:00	7:30- 9:00	Silent
CNRO	Ottawa.....	434.5	690	6:30-11:30	Silent	Silent	Silent	6:30-11:30	Silent	Silent
CYL	Mexico City.	480	625	Silent	9:24-10:54	Silent	9:24-10:54	Silent	Silent	9:24-10:54
CYJ	Mexico City.	400	750	9:00-10:00	Silent	9:00-10:00	9:00-10:00	9:00-10:00	9:00-10:00	9:00-10:00
CZE	Mexico City.	350	857	8:24- 9:24	Silent	8:24- 9:24	8:24- 9:24	8:24- 9:24	8:24- 9:24	8:24- 9:24
KDKA	Pittsburgh..	309	970	5:15- 8:55	5:30-10:15	5:15- 8:55	5:15-11:35	5:15- 8:55	5:15-11:00	5:15- 8:55
KFAB	Lincoln.....	340.7	880	5:30-10:30	9:00-10:30	5:30-10:30	5:30-10:30	5:30-10:30	Silent	5:30-10:30
KFDM	Beaumont..	315.6	950	Silent	8:00- 9:00	Silent	8:00-10:00	Silent	Silent	8:00-10:00
KFH	Wichita....	267.7	1120	7:30- 8:30	7:00- 8:00	7:30- 8:30	7:30- 8:30	7:30- 8:30	7:30- 8:30	7:30- 8:30
KFI	Los Angeles.	467	642	8:00- 4:00	9:00- 1:00	9:00- 1:00	9:00- 1:00	9:00- 1:00	8:30- 1:00	9:00- 1:00
KFJF	Okla. City..	260.7	1150	7:15-10:30	1:30- 9:00	7:15- 9:45	Silent	7:15- 9:45	7:15- 9:45	7:15- 9:25
KFKX	Hastings....	288.3	1040	Silent	Silent	5:15-10:00	5:15- 6:15	5:15- 6:15	5:15-10:00	5:15-10:00
KFNF	Shenandoah	461.3	650	7:00-12:00	7:00-12:00	7:00- 9:00	7:00- 9:00	7:00-12:00	7:00- 8:00	7:00- 8:00
KFOA	Seattle.....	454.3	660	11:30- 1:00	Silent	9:00-12:00	8:00- 1:00	9:00-12:00	Silent	8:00- 1:00
KFON	Long Beach.	232.4	1290	8:00- 2:00	8:00- 2:00	8:00- 1:00	8:00- 2:00	8:00- 1:00	8:00- 1:00	8:00- 2:00
KFQB	Fort Worth.	508.2	590	8:30- 9:30	3:00- 8:30	8:30- 9:30	8:30- 9:30	Silent	8:30- 9:30	8:30- 9:30
KFSD	San Diego..	245.8	1220	6:00-12:00	2:00- 9:00	6:00- 9:00	6:00- 9:00	6:00- 9:00	6:00- 9:00	6:00- 9:00
KFUO	St. Louis...	545.1	550	7:45- 8:45	9:15-10:15	8:00- 9:00	6:30- 7:30	9:15-10:15	Silent	9:30-10:30
KFWB	Hollywood..	252	1190	8:30- 1:00	11:00- 1:00	8:30- 1:00	8:30- 1:00	8:30- 1:00	8:30- 1:00	8:30- 1:00
KFWI	San Fran...	249.9	1200	Silent	10:00- 2:00	10:00- 2:00	Silent	10:00- 3:00	12:00- 2:00	10:00- 3:00
KGO	Oakland....	361.2	830	11:00- 3:00	8:30-12:00	8:00-11:00	8:00-11:00	8:00-12:00	10:00- 2:00	8:00-11:00
KGW	Portland....	491.5	610	8:00- 2:00	9:30-12:00	8:00- 2:00	8:00- 2:00	8:00-12:00	8:00- 2:00	8:00- 2:00
KHJ	Los Angeles.	405.2	740	8:30-12:00	9:00-12:00	Silent	10:00- 1:00	10:00- 1:00	10:00-12:00	10:00- 1:00
KIAF	Sihtipok	421	709	Silent	4:00- 5:00	9:00-10:00	Silent	9:00-10:00	Silent	9:00-10:00
KJR	Seattle.....	384.4	780	8:00- 2:00	9:45-12:45	9:00- 1:00	9:00-12:00	9:00- 1:00	9:00- 1:00	9:00-12:00
KLDS	Independ...	440.9	680	8:00- 9:00	6:30-10:00	Silent	8:00-11:59	Silent	8:00- 9:00	Silent
KLX	Oakland....	508.2	590	Silent	Silent	10:00-12:00	Silent	10:00-12:00	Silent	9:00-12:30
KMA	Shenandoah	461.3	650	9:00-11:00	4:00- 6:00	9:00-11:00	9:00-11:00	9:00-11:00	9:00-11:00	9:00-11:00
KMMJ	Clay Center.	229	1310	8:00- 9:00	8:45- 9:45	8:00- 9:00	8:00- 9:00	Silent	8:00- 9:00	8:00 9:00
KMOX	St. Louis...	280.2	1070	6:30-11:00	9:00-10:30	7:00-11:00	6:30-11:00	6:30-11:30	Silent	6:30-11:00
KNX	Hollywood..	336.9	890	9:00- 1:00	6:30-12:00	8:00- 2:00	9:00- 2:00	9:00- 2:00	9:00- 4:00	9:00- 2:00
KOA	Denver.....	322.4	930	11:30-12:30	4:00- 8:30	8:30- 9:15	8:30-12:00	8:30-12:00	Silent	7:00-10:15
KOAC	Corvallis....	280.2	1070	Silent	Silent	9:00-11:00	Silent	9:00-10:00	Silent	9:00-10:00
KOIL	Council Blfs	305.9	980	7:30-12:00	7:30-12:00	6:03-12:00	6:03-12:00	Silent	6:03-12:00	6:03-12:00
KPO	San Fran...	428.3	700	8:30- 2:00	8:00-12:00	8:30- 2:00	8:30- 1:00	8:30- 1:00	8:30- 1:00	8:30- 1:00
KPRC	Houston....	296.9	1010	7:30-11:00	7:30-12:00	7:30-10:00	7:30-10:00	7:30-10:00	7:30-10:00	Silent
KPSN	Pasadena...	315.6	950	10:00-11:00	Silent	Silent	10:00-11:00	Silent	10:00-11:00	Silent
KSBA	Shreveport..	260.7	1150	9:00-12:00	7:00-11:00	10:00-11:30	9:00-12:00	Silent	8:00- 9:30	Silent
KSD	St. Louis...	545.1	550	7:00-10:00	5:15- 8:15	8:00-11:00	6:00- 9:30	6:00- 8:00	7:00- 9:00	7:00- 9:00
KSL	Salt Lake...	299.8	1000	9:00-12:00	8:30-11:00	8:00-12:00	7:00- 9:00	8:30-12:00	8:30-12:00	8:30-11:00
KSO	Clarinda....	405.2	740	Silent	Silent	7:30- 9:00	7:30- 9:00	7:30- 9:00	7:30- 9:00	7:30- 9:00
KTAB	Oakland....	302.8	990	Silent	9:45-11:15	10:00-12:00	10:00-12:00	10:00-12:00	10:00-12:00	10:00-12:00
KOMO	Seattle.....	305.9	980	Silent	8:10-11:10	9:00-10:00	10:00-11:00	Silent	Silent	9:00- 2:00
KTHS	Hot Springs.	374.8	800	9:00-11:00	9:00-11:30	9:00-11:15	9:00-11:00	9:00-11:05	9:00-12:00	9:00-12:00
KUOA	Fayetteville.	299.8	1000	Silent	7:30- 8:30	7:30- 8:30	8:00- 9:00	8:00- 9:00	8:00- 9:00	Silent
KVOO	Bristow.....	374.8	800	7:00- 1:00	6:00- 1:00	6:00- 1:00	7:00- 1:00	7:00- 1:00	7:00- 1:00	7:00- 2:00
KWCR	Cedar Rapd.	278	1080	Silent	9:30-10:30	9:00-10:00	Silent	9:00-10:00	Silent	9:00-10:00
KWKH	Kennonwo'd	312.6	550	7:00-12:00	7:00-12:00	7:00-12:00	7:00-12:00	7:00-12:00	7:00-12:00	7:00-12:00
KWSC	Pullman....	348.6	860	Silent	Silent	9:15-11:00	Silent	9:15-11:00	Silent	9:15-11:00
KYW	Chicago....	535.4	560	5:30-11:00	3:30-11:00	Silent	6:00-11:00	5:30-11:00	5:30-11:00	5:30-11:00
NAA	Radio......	434.5	560	Silent	Silent	6:45- 7:00	7:30- 8:30	Silent	Silent	Silent
PWX	Havana.....	400	750	7:30-10:00	7:30-10:30	Silent	Silent	7:00-11:00	7:30- 8:30	Silent
WAAM	Newark, N.J.	263	1140	5:00-10:00	Silent	5:00-10:00	5:00-10:00	5:00-10:00	5:00- 6:00	5:00-10:00
WADC	Akron......	258	1160	5:30- 6:30	5:30- 6:30	5:30- 1:00	5:30-10:00	5:30- 6:30	5:30- 9:00	5:30-10:00
WABC	New York...	315.6	950	6:30-10:30	Silent	6:30-10:30	Silent	6:30-10:30	Silent	6:30-10:30
WAIU	Columbus..	293.9	1020	8:30- 9:30	2:30- 6:00	5:00-10:30	5:00- 9:15	5:00- 6:00	5:00- 6:00	5:00-10:00
WAMD	Minneapolis	244	1230	7:30- 8:30	6:15-10:30	7:00-12:00	6:15-12:00	6:15-11:00	6:15-12:00	6:15-12:00
WBAL	Baltimore..	246	1220	Silent	5:30- 6:30	5:00-11:00	5:00-11:00	Silent	5:00-11:00	5:00-11:00
WBAP	Fort Worth.	475.9	630	7:30-11:00	9:30-11:00	7:30-12:00	7:30-11:00	Silent	7:30-12:00	7:30-12:00
WBAR	Sisiht......	406	756	Silent	10:00-11:00	9:00-10:00	Silent	8:00- 9:00	7:30- 8:30	Silent
WBBM	Chicago....	226	1330	8:00- 2:00	4:00- 1:00	Silent	8:00-12:00	8:00- 2:00	8:00-12:00	8:00-10:00
WBBR	Staten Isld.	416.4	720	7:00- 9:00	8:00- 9:15	7:00- 8:00	Silent	Silent	7:00- 8:00	Silent
WBCN	Chicago....	266	1130	7:00-12:00	4:00- 9:15	Silent	7:00- 1:00	7:00-12:00	7:00- 1:00	7:00-12:00
WBZ	Springfield..	333.1	900	5:15- 9:45	5:30-10:00	5:15-10:30	6:15-10:03	5:15- 9:00	5:15-10:30	5:15-10:03
WCAE	Pittsburgh..	461.3	650	5:00-10:30	2:00- 9:15	5:00-11:30	5:00-12:00	5:00-11:30	5:00-11:30	5:00-11:00
WCAU	Philadelphia	278	1080	Silent	4:00-10:00	5:45-10:30	6:30-10:30	6:30-10:00	5:30-10:00	6:30-10:00
WCBD	Zion.......	344.6	870	Silent	8:00-10:30	Silent	8:00-10:30	Silent	8:00-10:30	Silent
WCCO	Minn.-St.P.	416.4	720	6:15-11:05	4:10-11:30	6:15-12:30	7:00-12:00	7:00-12:30	6:15-11:05	5:15-10:05
WCFL	Chicago....	491.5	610	6:00-12:00	4:00- 8:45	Silent	6:00-12:00	6:00- 1:00	6:00-12:00	6:00-12:00
WCOA	Pensacola..	252	1190	Silent	Silent	6:30-10:00	Silent	6:30-10:00	Silent	6:30-10:00
WCX	Detroit.....	516.9	580	5:00- 6:00	6:15- 7:15	5:00- 8:00	5:00-10:00	5:00- 8:00	5:00- 8:00	5:00-10:00
WDAF	Kansas City	365.6	820	6:00- 1:00	4:00- 4:45	6:00- 1:00	6:00- 1:00	6:00- 1:00	6:00- 1:00	6:00- 1:00
WDBO	Winter Park	239.9	1250	5:30- 7:55	6:30- 7:30	5:30- 9:10	5:30- 9:30	6:30- 9:00	5:30- 9:00	5:30- 9:00
WDOD	Chattanooga	256.3	1250	Silent	9:15-10:15	6:30- 9:15	9:00- 9:30	6:30- 9:15	Silent	6:30-12:00
WEAF	New York...	491.5	610	4:00-11:00	2:00- 9:15	3:00-11:00	3:00-11:00	3:00-11:00	3:00-11:00	3:00-11:00
WEAN	Providence..	367	817	4:30- 8:30	5:30- 6:45	4:30- 8:30	4:30- 8:30	4:30- 8:30	4:30- 8:30	Silent
WEAO	Columbus..	293.9	1020	Silent	Silent	Silent	6:00- 8:00	7:00- 8:00	7:00-10:00	Silent
WEBH	Chicago....	370.2	810	6:00- 2:00	5:00- 9:00	Silent	5:00-11:00	5:00-12:30	5:00-11:00	5:00-11:00
WEBJ	New York...	272.6	1100	Silent	Silent	Silent	6:00- 8:00	6:00- 8:00	Silent	6:00- 8:00
WEEI	Boston.....	348.6	860	5:45- 9:00	2:00-10:15	5:00-11:00	5:00- 9:36	5:00-10:00	5:00-10:00	5:00-10:00
WEMC	Berrien Spgs	315.6	950	Silent	8:15- 9:15	8:15- 9:15	Silent	8:15- 9:15	Silent	9:00-10:00
WENR	Chicago....	265.3	1120	6:00- 2:00	2:00-12:00	Silent	6:00-10:00	7:00- 2:00	6:00-10:00	6:00- 2:00
WFBE	Cincinnati..	232.4	1290	6:30- 9:00	8:30-10:00	6:30-11:00	6:30-10:30	6:30-10:30	6:30-10:20	6:30- 9:00
WFAA	Dallas......	475.9	630	6:30-12:00	6:00-12:00	6:30- 9:30	6:30-12:00	Silent	6:30- 9:30	6:30- 9:30
WFI	Philadelphia	394.5	760	5:45-10:00	6:30- 7:30	5:45- 6:45	5:45-10:30	5:45- 6:45	5:45-10:00	5:45- 6:45
WGBF	Evansville...	236.1	1270	Silent	Silent	Silent	6:30-10:00	Silent	Silent	7:00-10:00
WGBS	New York...	315.6	950	5:00-10:30	5:00-10:30	6:30-10:30	5:00-10:30	6:30-10:30	5:00-10:30	6:30-10:30
WGCP	New York...	252	1190	7:30-11:00	2:00- 5:00	8:00-10:30	Silent	6:00- 8:15	9:30-12:00	6:00- 8:10
WGES	Chicago....	315.6	950	5:00- 1:00	5:00- 1:00	Silent	5:00- 1:00	5:00- 1:00	5:00- 1:00	5:00- 1:00
WGHB	Clearwater..	266	1130	7:30-12:00	Silent	7:30-12:00	7:30-12:00	7:30-12:00	7:30-12:00	7:30-12:00
WGHP	Detroit	270	1110	Silent	Silent	5:00- 9:00	5:00- 9:00	5:00- 9:00	5:00-11:00	5:00-11:00
WGN	Chicago....	302.8	990	5:00-11:00	2:00-11:00	Silent	6:01-11:00	6:01-12:30	6:01-11:00	6:01-11:00
WGR	Buffalo.....	319	940	Silent	6:45- 9:15	7:00-12:00	5:30-10:30	5:30-10:00	5:30-10:00	8:00-12:00
WGY	Schenectady	379.5	790	6:30-10:30	6:30- 7:30	5:30- 6:30	5:30-10:30	5:20-10:00	5:30-11:30	5:30-11:00
WHAD	Milwaukee..	275.1	1090	6:15- 8:00	3:15- 4:15	6:10- 9:30	6:10- 9:30	6:10-12:30	6:10- 9:30	6:10- 9:30
WHAR	AtlanticCity	275.1	1090	6:30- 8:00	6:50- 9:00	6:30-11:00	6:30- 8:00	Silent	6:30-11:00	6:30- 8:00
WHAS	Louisville...	399.8	750	7:30- 9:00	4:30- 5:30	Silent	7:30- 9:30	7:30- 9:00	7:30- 9:00	7:30- 9:00
WHAZ	Troy.......	379.5	790	Silent	Silent	8:00-11:00	Silent	Silent	Silent	Silent
WHB	Kansas City	365.6	820	Silent	7:00- 1:00	7:00- 8:00	7:00- 9:30	7:00-11:30	7:00-10:00	7:00- 8:00
WHK	Cleveland...	272.6	1100	5:00-11:00	4:00- 8:45	6:00-10:00	5:00-10:00	6:00-10:00	5:00- 9:00	5:00-10:30
WHN	New York...	361.2	830	Silent	5:30-11:00	5:30-11:00	7:00-11:00	6:00-11:00	5:30-11:00	5:30-11:00
WHO	Des Moines.	526	570	Silent	5:00-12:00	7:30-12:00	7:30-12:00	6:00-11:30	7:30-12:00	7:30-12:00
WHT	Chicago....	399.8	750	6:00-12:00	11:00- 9:30	Silent	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00
WIBO	Chicago....	226	1330	6:00- 8:00	2:00-12:00	Silent	6:00- 2:00	6:00-12:00	6:00- 2:00	6:00- 1:00
WIP	Philadelphia	508.2	590	6:00-11:05	3:00-10:00	5:45- 7:00	5:00-10:30	5:00- 7:00	5:00-10:30	5:00- 7:00
WJAR	Providence..	485.1	618	Silent	5:00- 8:15	6:45-10:00	6:30- 9:00	6:30-10:00	6:45-10:00	6:45-10:30
WJAX	Jacksonville	336.9	890	7:00- 9:00	7:00- 8:00	6:00-11:00	6:00- 9:00	7:00- 9:00	Silent	6:00- 9:00
WJAZ	Chicago....	329.5	910	6:30- 1:00	5:00- 9:00	Silent	6:30-12:00	6:30-12:00	6:30-12:00	6:30- 2:00
WJJD	Mooseheart.	370.2	810	8:00-11:00	2:00- 5:00	Silent	8:00- 1:00	8:00- 9:00	8:00- 1:00	8:00- 1:00
WJR	Pontiac.....	516.9	580	6:00-11:30	9:00-10:00	6:00- 9:00	6:00- 9:00	6:00-12:00	6:00- 9:00	6:00- 8:00
WJZ	New York...	454.3	660	6:00-11:00	6:00-10:15	6:00-10:30	6:00-10:45	6:00-10:30	6:00-10:30	6:00-11:00
WKAQ	San Juan...	340.7	880	Silent	Silent	6:30- 8:00	Silent	6:00- 8:00	Silent	6:00- 8:00
WKRC	Cincinnati..	422.3	710	9:00-11:00	5:45-12:00	5:15-12:00	9:00-11:30	5:25-12:00	9:00-11:00	Silent
WLIB	Chicago....	302.8	990	7:30- 1:00	5:00- 6:15	Silent	7:00- 1:00	7:00- 1:00	7:00- 1:00	7:00- 1:00
WLIT	Philadelphia	394.5	760	Silent	Silent	7:00-10:30	Silent	6:30-10:00	Silent	6:00-10:00
WLS	Chicago....	344.6	870	5:30-12:00	6:00- 7:55	Silent	5:30- 7:55	5:30-12:00	5:30- 7:55	5:30-11:00
WLW	Cincinnati..	422.3	710	6:45- 9:00	6:30- 8:50	6:00-10:20	6:00- 9:00	6:00-11:00	6:00-12:15	Silent
WLWL	New York...	384.4	780	Silent	Silent	7:00-10:20	8:00-10:45	8:00-10:30	8:00-10:25	Silent
WMAK	Lockport...	265.5	1130	6:00- 8:30	6:45- 7:45	6:15- 9:30	6:15- 9:30	6:15- 9:00	Silent	6:45- 9:00
WMAQ	Chicago...	447.5	670	6:00-10:00	Silent	Silent	6:00- 9:45	6:00-10:00	6:00-10:00	6:00-10:00
WMBB	Chicago....	250	1200	7:00-11:00	3:00-11:00	Silent	7:00-11:00	7:00-11:00	7:00-11:00	7:00-11:00
WMBF	MiamiBea'h	384.4	780	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00
WMC	Memphis...	499.7	600	8:30- 9:30	Silent	8:30- 9:30	8:30-12:00	Silent	8:30- 9:30	8:30-12:00
WMCA	New York...	340.7	880	5:00-11:15	5:00-11:15	5:00-11:15	5:00-11:15	5:00-11:15	5:00-11:15	5:00-11:15
WNAC	Boston.....	431	697	5:00-10:00	3:00- 7:30	5:00-11:30	5:00-10:05	5:00- 9:00	5:00- 9:30	5:00- 9:30
WNYC	New York...	526	570	5:00- 9:35	5:00- 9:35	5:00- 9:35	5:00- 9:35	5:00- 9:35	5:00- 9:35	5:00- 9:35
WOAI	San Antonio	394.5	760	Silent	7:45- 8:45	Silent	8:30-10:30	8:30- 9:30	8:30- 9:30	8:30- 9:30
WOAN	Lawrenceb'g	356.4	841	Silent	9:00-10:00	9:00- 1:30	9:00-10:00	9:00-10:00	9:00-10:00	9:00-10:00
WOW	Omaha......	526	570	6:00-11:00	6:00-10:00	6:00-11:00	6:00-11:00	Silent	6:00-11:00	6:00-11:15
WOC	Davenport..	483.6	620	7:00- 9:00	6:30-11:00	Silent	6:30-10:30	6:30-10:30	6:30-11:00	7:30-10:30
WOI	Ames.......	270.1	1110	Silent	Silent	7:45- 8:45	Silent	Silent	7:30- 8:30	Silent
WOK	Homewood.	217.3	1380	6:00-12:00	6:00-12:00	Silent	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00
WOO	Philadelphia	508.2	590	6:30- 7:30	5:00- 7:30	6:30-10:30	6:30- 7:30	6:30-11:00	6:30- 7:30	6:30-10:30
WOOD	Grand R'pds	242	1240	Silent	Silent	7:35- 2:00	7:50-12:00	7:35-12:00	7:50-12:00	7:35-12:00
WOQ	Kansas City	278	1080	8:00-11:00	7:00- 7:45	Silent	8:00- 9:00	Silent	7:00- 9:00	Silent
WOR	Newark.....	405.2	740	5:15-11:00	Silent	5:15-11:00	5:15-11:00	5:15-11:00	5:15-11:00	5:15-11:00
WORD	Batavia.....	275	1090	7:00-10:00	2:30-10:00	Silent	7:00-12:00	7:00-10:15	7:00-10:00	7:00-10:00
WOS	Jeffer'n City	440.9	680	Silent	7:30- 8:30	7:00-11:00	Silent	7:00- 9:00	Silent	7:00- 9:00
WPG	AtlanticCity	299.8	1000	6:00-11:00	2:15-10:00	6:00-11:00	6:00-11:00	Silent	6:00-11:30	6:00-11:00
WQJ	Chicago....	447.5	670	7:00- 3:00	3:00-10:00	Silent	7:00- 2:00	7:00- 2:00	7:00- 2:00	7:00- 2:00
WRC	Washington	468.5	640	6:00-11:00	3:00-10:15	6:00-11:00	6:00-10:30	6:00-10:00	6:00-10:00	6:00-11:30
WREO	Lansing.....	285.5	1050	9:00-11:00	Silent	Silent	7:15- 9:00	5:00- 6:00	5:00- 8:15	5:00- 6:00
WRR	Dallas......	245.8	1220	6:00- 9:00	7:45-10:30	6:00-10:30	6:00- 9:00	Silent	6:10-10:30	6:00-10:00
WRVA	Richmond..	256	1170	Silent	Silent	7:00-10:00	10:00-12:00	7:00-10:00	7:00-10:00	6:00-10:00
WSAI	Cincinnati..	325.9	920	7:45- 1:00	8:00-10:15	7:30-12:00	7:00- 1:00	6:45-12:00	6:40-12:00	Silent
WSB	Atlanta.....	428.3	700	8:00-12:00	5:00- 9:00	6:00-12:00	8:00- 9:00	10:45-12:00	8:00-12:00	8:00-12:00
WSBC	Chicago....	288.3	1040	6:30- 1:00	5:00- 1:00	6:30- 7:00	6:30- 1:00	6:30- 1:00	6:30- 1:00	6:30- 1:00
WSKC	Bay City....	260.7	1150	10:00- 1:00	Silent	8:00-10:00	Silent	8:00-10:00	Silent	Silent
WSMB	New Orleans	319	940	8:30-10:30	Silent	8:30-10:30	Silent	8:30-10:30	8:30-10:30	Silent
WSOE	Milwaukee..	245.8	1220	8:00- 9:00	7:30- 8:30	6:00- 9:00	6:00-10:00	6:00- 9:00	6:00-10:00	6:00-10:00
WSUI	Iowa City...	483.6	620	9:00-10:00	9:00-12:15	9:00-10:00	Silent	7:30- 8:30	Silent	Silent
WSWS	Chicago....	275.1	1090	6:00- 1:00	6:00- 1:00	7:00- 9:00	6:00- 1:00	6:00- 1:00	6:00- 1:00	6:00- 1:00
WTAG	Worcester...	545.1	550	Silent	2:00- 9:15	6:15- 9:00	6:30- 9:30	6:00- 9:30	7:00-10:00	6:15- 9:30
WTAM	Cleveland...	389.4	770	6:30- 9:00	5:00- 8:00	5:00-11:00	5:00-11:00	5:15-10:00	5:00-11:00	5:30-11:00
WTIC	Hartford....	475.9	630	Silent	Silent	5:00-11:00	6:00-10:00	Silent	5:00-10:00	5:00-12:00
WWJ	Detroit.....	352.7	850	Silent	6:20- 8:45	5:00- 9:00	5:00- 8:00	5:00-10:00	5:00- 8:00	5:00-10:30

STATIONS IN ORDER OF WAVE LENGTHS

Meters	Call	Meters	Call	Meters	Call	Meters	Call	Meters	Call	Meters	Call
217.3	WOK	265.6	WMAK	302.8	KTAB	350	CZE	400	CYJ	467	KFI
226	WBBM	268	KFH	305.9	KOIL	352.7	WWJ	400	PWX	468.5	WRC
226	WIBO	270.1	WGHP	305.9	KOMO	356.4	WOAN	405.2	KHJ	475.9	WBAP
229	KMMJ	270.1	WOI	309.1	KDKA	356.9	CFCA	405.2	KSO	475.9	WTIC
232.4	KFON	272.6	WEBJ	312.6	KWKH	356.9	CKCL	405.2	WOR	475.9	WFAA
232.4	WFBF	272.6	WHK	315.6	KFDM	356.9	CKNC	406	WBAR	480	CYL
236.1	WGBF	275.1	WHAD	315.6	KPSN	361.2	KGO	410.7	CKAC	483.6	WOC
241.8	WOOD	275.1	WHAR	315.6	WABC	361.2	WHN	416.4	WBBR	483.6	WSUI
244	WAMD	275.1	WORD	315.6	WEMC	365.6	WDAF	416.4	WCCO	485.1	WJAR
246	KFSD	275.1	WSWS	315.6	WGBS	365.6	WHB	421	KIAF	491.5	KGW
246	WBAL	278	KWCR	315.6	WGES	367	WEAN	422.3	WLW	491.5	WCFL
246	WSOE	278	WCAU	319	WGR	370.2	WEBH	428.3	WSB	491.5	WEAF
249.0	KFWI	278	WOQ	319	WSMB	370.2	WJJD	428.3	KPO	499.7	WMC
250	WMBB	280.2	KMOX	322.4	KOA	374.8	KTHS	431	WNAC	502.8	KFQB
252	KFWB	280.2	KOAC	325.9	WKRC	374.8	KVOO	434.5	CNRO	508.2	KLX
252	WCOA	285.5	WEMC	325.9	WSAI	379.5	WGY	434.5	CFCN	508.2	WIP
252	WGCP	285.5	WREO	329.5	WJAZ	379.5	WHAZ	434.5	NAA	508.2	WOO
256	WDOD	288.3	KFKX	333.1	WBZ	384.4	CKY	440.9	KLDS	516.9	CJCA
256	WRVA	288.3	WSBC	336.9	KNX	384.4	WLWL	440.9	WOS	516.9	WCX
258	WADC	293.9	WAIU	336.9	WJAX	384.4	KJR	447.5	WMAQ	516.9	WJR
260.7	KFJF	293.9	WEAO	340.7	KFAB	384.4	WMBF	447.5	WQJ	526	WHO
260.7	KSBA	296.9	KPRC	340.7	WKAQ	389.4	WTAM	454.3	KFOA	526	WNYC
260.7	WSKC	299.8	KSL	340.7	WMCA	394.5	WFI	454.3	WJZ	526	WOAW
263	WAAM	299.8	KUOA	344.6	WCBD	394.5	WLIT	455	KTW	535.4	KYW
265.6	WBCN	299.8	WPG	344.6	WLS	394.5	WOAI	461.3	KFNF	545.1	KFUO
265.6	WENR	302.8	WGN	348.6	KWSC	399.8	WHAS	461.3	KMA	545.1	WTAG
265.6	WGHB	302.8	WLIB	348.6	WEEI	399.8	WHT	461.3	WCAE		

Complete Rules for "Whozit"

1. Radio Digest will sponsor a national game to be called the game of Whozit, which will be participated in by the following Radio broadcasting stations: WHT, Chicago; WMCA, New York; WNAC, Boston; KJR, Seattle; WMAK, Buffalo; WHK, Cleveland; WPG, Atlantic City; WLW, Cincinnati; WJR, Detroit; WOOD, Grand Rapids, Mich.; WSOE, Milwaukee; CKY, Winnipeg; WMC, Memphis; WSM, Nashville; KTHS, Hot Springs, Ark.; KMOX, St. Louis, Mo.; WOC, Davenport; WHB, Kansas City; WOW (formerly WOAW), Omaha; KOA, Denver; KFWB, Los Angeles; KPRC, Houston, Tex.; KVOO, Bristow, Okla.; WJAX, Jacksonville, Fla.

2. $26,000 in prizes will be distributed to the successful contestants, as follows: Twenty-four first prizes $500 in gold for each of the twenty-four stations; twenty-four $300 merchandise orders for second prizes, and twenty-four $200 in merchandise orders for third prizes. Grand prizes of $1,000 in gold will be awarded to the individual judged to be the national DX (long distance) "Whozit" champion who has submitted the neatest work, identification and the nearest correct solution of the entire 384 portraits from all stations participating, and $1,000 in gold for the individual who shall be judged to have submitted the neatest work entered in all of the twenty-four participating stations. The twenty-four station prizes will be divided and awarded on the following basis: 1st prize, $500 in gold to the individual whose set of sixteen completed portraits is most nearly correct in the assembly of segments, identification of artists, and of the neatest workmanship; 2nd prize, $300 in merchandise order to the individual whose completed sets are second best in order of correctness, identification and neatness; and 3rd prize, $200 in merchandise order to the individual whose completed sets are third best in order of correctness, identification and neatness.

3. A board of judges at Radio Digest, 510 N Dearborn st., Chicago, Ill., will pass on all the work submitted and award the prizes for all stations and the grand prizes. Its decisions will be final.

4. Everybody will be eligible to compete except employes (and their families) of Radio Digest or of any of the participating stations, included in Rule 1.

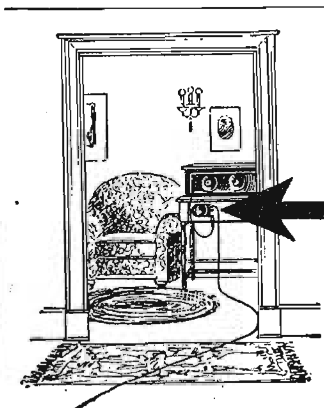
5. The game of Whozit will be free. It will not be necessary to be a subscriber to Radio Digest. Tracings of the pictures may be made at offices of Radio Digest in Chicago or New York or from the files in public libraries, or at the offices of participating broadcasting stations. These with proper identifications may be submitted for the published pictures. All general information helpful to the solution of the game may be obtained from any of the offices of the broadcasting stations participating.

6. Conditions of the game: Beginning with the issue of November 15 and for eight consecutive issues Radio Digest will publish a series of forty-eight composite portraits in each number. These forty-eight portraits will comprise two representations each from the twenty-four broadcasting stations that participate. Each photograph will be intersected with white lines showing the forehead of one artist, the eyes of another, the nose and mouth of a third and the chin and neck of a fourth. Each segment of each composite photograph will bear a number. It will be necessary for each contestant to separate the various segments and reassemble them on a mount so that they are correctly aligned to complete the portrait of one of the original Radio artists of whom it was taken. Only complete sets are to be submitted. Each portrait must be identified in ten or more words; giving at least five facts about the original artist photographed.

7. Artists (or their representatives) whose fragmentary portraits appear on the "Whozit" pages of Radio Digest are to describe themselves by way of broadcasts from their home station when their respective pictures are published in Radio Digest. Such information as they give over the air is to be made available at the station in the event the listening contestant has failed to hear the individual when he broadcast.

8. In case of tie, prizes of identical value with those tied for will be awarded each tying contestant.

9. The contest will end at midnight, March 15, 1927. All sets submitted must be complete and must be mailed post paid to Whozit Contest Editor, Radio Digest, 510 North Dearborn St., Chicago, Ill., and must bear postmark not later than midnight of March 15, 1927.



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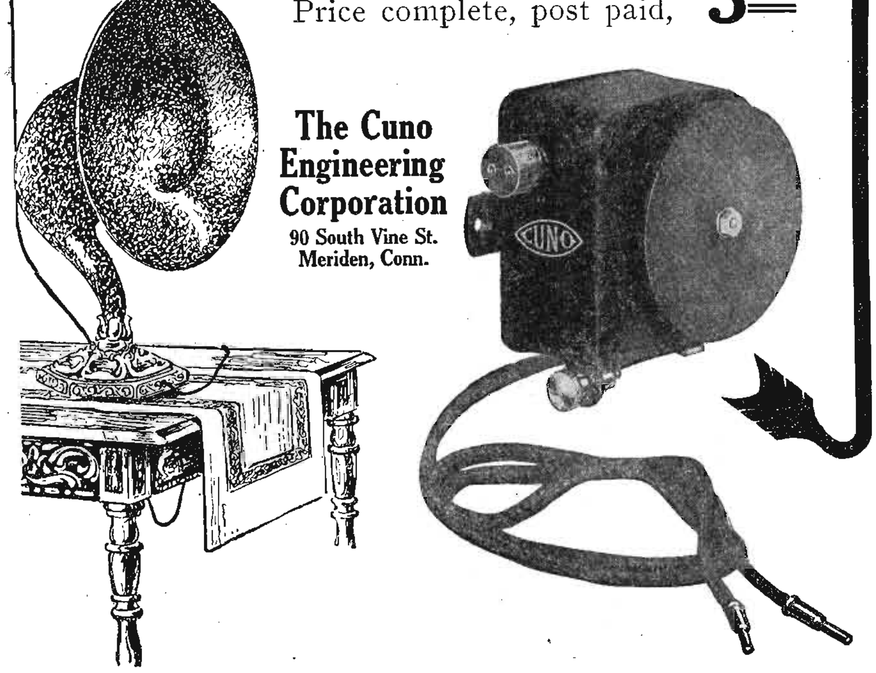

The Cuno Engineering Corporation
90 South Vine St.
Meriden, Conn.

WJZ AND WEAF CHAINS COMBINE TO GI

HIGH LIGHTS OF THE AIR

THE NEW YEAR will be ushered in with a galaxy of fine programs. New Year's morning the famous Pasadena Tournament of Roses floral parade will be described from the microphone of KPSN, Pasadena, so that those in less fortunate sections of the country covered by ice and snow can imagine this lovely spectacle. In the afternoon the tournament football game between Stanford and Alabama will also be broadcast from the Rose Bowl by the same station. Stations KFI, KNX, KOA and probably KPO will also give their listeners a birdseye view of this game.

The oldest German singing society in the country, the Hartford Saengerbund, will be presented from the studios of WTIC, New Year's day at 8:30 p. m., Eastern time. A chorus of seventy male voices will give these old-time German folk songs.

All-American night marks the Balkite hour New Year's night over the WEAF chain. Walter Damrosch and the New York symphony will give a program made up entirely of works by American composers. George Gershwin will be heard at the piano in his own composition, "Rhopsody in Blue."

The climax of the New Year's day programs will be the broadcast by the WJZ chain and the WEAF chain of the Victor Talking Machine company programs. Over this vast link of stations now called the Blue network and the Red network, the cream of New York performers will entertain every section of the country. The two-hour program will be given by the world famous artists, John McCormack, tenor; Rosa Ponselle, soprano; Mischa Elman, violinist, and Alfred Cortot, pianist. With them will be heard the Victor Salon orchestra under the direction of Nathaniel Shilkret. Elman and Cortot will sail for Europe immediately after this program. This will probably be the last opportunity for Americans to hear these two artists this season.

A series of historical, dramatic and musical plays based on the national ballads will be presented every Friday evening from WSBC, Chicago. The educational value of these is so high that principals in the schools in Chicago have recommended to students that they listen to these between 7:15 and 8 o'clock. Everett George Opie and his players, dramatize the events preceding and leading up to the writing of each ballad. January 7 "America" will be given.

"Swing your partner—balance all!" This is the call that will hail all KOA listeners Wednesday night, January 5, when the General Electric station broadcasts an old-fashioned quadrille from a country schoolhouse. This novel program includes selections by the Willow Creek quartet, informal singing of rounds, solos on the harmonica, fiddling and concludes with a barn dance.

WSM of Nashville, Tennessee, whose microphone is presided over by the Solemn Old Judge, will be off the air for the first part of this month. When this southern broadcaster reopens about the middle of January, perhaps sooner, a 5,000-watt transmitter will broadcast the celebration. The new Western Electric equipment is an exact duplicate of that of WPG.

Jack Little will spend the first week of January at WCCO. The second week he expects to be at WOW.

Note to Readers

THE "Regular Features" give a handy timetable for use when referring to any particular station's feature. All the evening hours are given. Many stations list the same dance orchestras, the same harmony teams and the same dinner concerts every week. Instead of giving these similar features to you twice and sometimes three times, we have given them to you but once.

At the head of the "Regular Features" you will find the high spots of the programs listed under "Headliners," for the day you are interested in. The "Educational Features" are listed like the "Regular Features" (just once), because so many of these are university courses and run from week to week. We shall be glad to hear from our readers if these instructions are not clear and shall be glad to have our readers offer suggestions.

SATURDAY, JANUARY 1

Headliners

Eastern Central Mountain Pacific
8:30 a. m. 7:30 6:30 5:30
WLW (422.3m-710kc) Dad Kerschner, Central Parkway Y. M. C. A.
1 p. m. 12 11 10
KPSN (315.6m-950kc) Description of the Tournament of Roses.
2:15 1:15 12:15 11:15
KOA (322.4m-930kc) organ recital.
4 3 2 1
WLW (422.3m-710kc) New Year's program.
5:30 4:30 3:30 2:30
WFAA (475.9m-630kc) Sarah Hopkinson.
6 5 4 3
WEEI (348.6m-860kc) O'Leary's Irish minstrels.
WTIC (475.9m-630kc) Hub quartet.
6:25 5:25 4:25 3:25
WTIC (475.9m-630kc) Sidney Green, pianist.
6:30 5:30 4:30 3:30
WBZ (333.1m-900kc) Dick Newcomb's Society orchestra.
6:45 5:45 4:45 3:45
WEEI (348.6m-860kc) Lido Venice Orchestra.
7 6 5 4
WOC (483.6m-620kc) Jack Little.
7:15 6:15 5:15 4:15
WCCO (416.4m-720kc) Harold Janecky, tenor.
7:30 6:30 5:30 4:30
WFAA (475.9m-630kc) Ruth Muse, contralto.
7:45 6:45 5:45 4:45
WBZ (333.1m-900kc) Knights of Pythias male quartet.
8 7 6 5
WEAF (491.5m-610kc) Balkite hour, New York symphony, Walter Damrosch; George Gerschwin, soloist. WEEI, WGR, WFI, WCAE, WWJ, WSAI, WTAM, WGN KSD, WCCO, WDAF.

George Gerschwin

ALL AMERICAN PROGRAM

(1) American Fantasy, Victor Herbert; (2) Call of the Plains, Rubin Goldmark; (3) Jabberwocky from Looking Glass Suite, Deems Taylor; (4) Cyrano's Letter, Walter Damrosch; (5) White Peacock, Griffith; (6) Rhapsody in Blue, Geo. Gerschwin.

WLW (422.3m-710kc) Sekatary Hawkins club New Years.
WSB (428.3m-700kc) New Years Frolic.
WTIC (475.9m-630kc) Philharmonic brass quartet.
8:10 7:10 6:10 5:10
WBZ (333.1m-900kc) Boston symphony.
Eastern Central Mountain Pacific
8:15 p. m. 7:15 6:15 5:15
WSBC (288.3m-1040kc) Knupfer New Year's program.
8:30 7:30 6:30 5:30
KOIL (305.9m-980kc) Ray-O-Vac twins.
WHAS (399.8m-750kc) Arthur Findlin, baritone.
WPG (299.8m-1000kc) "Little Journeys to the Homes of Great Musicians."
WTIC (475.9m-630kc) Hartford Saengerbund.
9 8 7 6
WBAP (475.9m-630kc) Clyde and Florence Massengale.
WEAF (491.5m-610kc) Victor Talking Machine Company; John McCormack, tenor; Rosa Ponselle, soprano; Mischa Elman, violinist; Alfred Cortot, pianist; WEEI (348.6m-860kc), WJAR (485.1m-610kc), WTAG (545.1m-550kc), WFI (394.5m-760kc), WCAE (461.3m-650kc), WTIC (475.9m-630kc), WGR (319m-940kc), WRC (468.5m-640kc), WGN (302.8m-990kc), KSD (545.1m-550kc), WOC (483.6m-620kc), WCCO (416.4m-720kc), WCSH (256.3m-1170kc), WDAF (365.6m-820kc), WJZ (454.3m-660kc), WBZ (333.1m-900kc), KDKA (309.1m-970kc), KYW (535.4m-560kc).

John McCormack

WRR (245.8m-1220kc) Panther Hawaiian trio.
9:30 8:30 7:30 6:30
KFAB (340.7m-880kc) Little symphony orchestra.
WFAA (475.9m-630kc) North Texas male chorus.
9:45 8:45 7:45 6:45
WHAS (399.8m-750kc) Kosair auditorium.
10 9 8 7
KMA (461.3m-650kc) New Years program.
KPRC (296.9m-1010kc) Sweetheart of the Air.
KTHS (374.8m-800kc) Sybil Seaman, organist.
WEAF (491.5m-610kc) Le Ferroquet De Paris.
WHAD (275.1m-1090kc) special New Year's day program.
WPG (299.8m-1000kc) 1927 Calendar of Music.
10:45 9:45 8:45 7:45
WSB (428.3m-700kc) Hired Help Skylark.
11 10 9 8
WFAA (475.9m-630kc) Jimmy Joy's Baker Hotel orchestra.
11:05 10:05 9:05 8:05
WCCO (416.4m-720kc) Lora Davidson, soprano.
11:15 10:15 9:15 8:15
KGO (361.2m-830kc) Smith organ.
KTHS (374.8m-800kc) New Years frolic.
11:30 10:30 9:30 8:30
WBZ (333.1m-900kc) Canadian Mountain Police messages.
12 11 10 9
WSAI (325.9m-920kc) Hotel Sinton orchestra.
12:15 11:15 10:15 9:15
KGO (361.2m-830kc) Harmony Hic Parker.
12:30 11:30 10:30 9:30
KOA (322.4m-930kc) Scheuerman's Colorado orchestra.

SATURDAY, JANUARY 8

Headliners

Eastern Central Mountain Pacific
7 6 5 4
WLW (422.3m-710kc) favorite classics.
7:15 6:15 5:15 4:15
WCCO (416.4m-720kc) Groth's Saxophone quartet.
7:30 6:30 5:30 4:30
WFAA (475.9m-630kc) Colby Smith, saxophonist.
8 7 6 5
WOC (483.6m-820kc) Agnes Christopher, pianist.
WTIC (475.9m-630kc) Hartford Composers period.
8:15 7:15 6:15 5:15
WLW (422.3m-710kc) string trio.
8:30 7:30 6:30 5:30
WTIC (475.9m-630kc) American Legion band.
9 8 7 6
WEAF (491.5m-610kc) Balkite hour, Walter Damrosch, New York symphony, WEEI, WGR, WFI, WCAE, WWJ, WSAI, WTAM, WGN, KSD, WCCO, WDAF; (1) Overture, "Oberon," Weber; (2) Siegfried's Death, Wagner; (3) Andante from Symphony in D, Mozart; (4) March Slav, Tschaikowsky.
WHAS (399.8m-750kc) Bluegrass Tripple male quartet.

"Stay away from dis here microphone," Farina of Our Gang comedy fame to a you sister who aspires to membership in the noted stock company of child actors in the w "Only us 'sperienced actors kin talk from Radio stations." The deluge of telephone which paralyzed the phone system when the Gang kids with their director recently gav impromptu program over KNX has made director of that station decide to microp another Our Gang meeting soon. The pers ities of these charming little actor folks as vivid over the mike as on the screen

The Radio productions which recently have been so pleasing to the listeners of WAIU have been planned by Don Bernard, tenor and director of this station. He employs the WAIU Little symphony orchestra in these entertainments.

Eastern Central Mountain Pacific
9:30 p. m. 8:30 7:30 6:30
WFAA (475.9m-630kc) Capt. W. H. Dawson and his fiddlers.
WTIC (475.9m-630kc) Mary H. Burns, soprano.
10 9 8 7
CHIC (356.9m-690kc) Orpheus male quartet.
WCCO (416.4m-720kc) Minneapolis symphony string quartet.
WTIC (475.9m-630kc) Club Worthy orchestra.
10:30 9:30 8:30 7:30
WBAP (475.9m-630kc) Sunflower girl.
10:45 9:45 8:45 7:45
WSB (428.3m-700kc) Mrs. Kurt Mueller.
11 10 9 8
KFI (467m-642kc) Chico de Verde, Russian violinist.
12 11 10 9
KPRC (296.9m-1010kc) Horwitz theaters entertainers.

Educational Features

Saturday

Eastern Central Mountain Pacific
7 p. m. 6 5 4
WOW (526m-570kc) Literary period.
8:30 7:30 6:30 5:30
WOW (526m-570kc) Creighton educational period.
9:20 8:20 7:20 6:20
KFI (467m-642kc) Madame Nelson, psychologist.
9:30 8:30 7:30 6:30
WMAQ (447.5m-670kc) Photologues.

Regular Saturday Features

Eastern Time Stations

NOTE: Changes in programs for New Year's day will be found in the Headliners. Please notice that Balkite hour moves up to 8 p. m. Eastern time and the Victor hour goes on the air at 9 p. m. Stations are listed under WEAF chain.

CKAC Montreal, Que., Can. (410.7m-730kc) 7:15 p. m. dinner concert; 10:30, Red Jackets.
KDKA Pittsburgh, Pa. (309.1m-970kc) 6:15 p. m dinner concert, Westinghouse band; 8, concert.
PWX Havana, Cuba (399.8m-750kc) 8:30 p. m. frolic.
WBZ Springfield, Mass. (333.1m-900kc) 6:30 p. m. orchestra; 7:15, orchestra; 7:45, male quartet; 8:10, orchestra; 10:15, dance music.
WCAE, Pittsburgh, Pa. (461.3m-650kc) New Year's program under WEAF; 6 p. m. dance orchestra; 8, program; 9, WEAF; 10, dance music.
WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. dinner program, Goldkette ensemble.
WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, Janssen's Hofbrau orchestra; 7:30, headliner; 7:45, talk; New Year's day Balkite hour at 8 p. m., Victor hour at 9, WEEI, WGR, WFI, WCAE, WWJ, WSAI, WTAM, WGN, KSD, WCCO, WDAF; (regular), 10, WEAF Revue; 10:30, orchestra; 11:30, orchestra.
WEEI Boston, Mass. (348.6m-860kc) 7:55 p. m. Boston Globe; 8, WEAF; 9, WEAF.
WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. Adelphia dance orchestra; 8:15, recital; 9, concert, 9:30, Starlight Players; 10:30, Adelphia French Room orchestra.
WGBS New York, N. Y. (315.6m-950kc) 7 p. m. music.
WGHB Clearwater, Fla. (266m-1130kc) 7 p. m. music; 8:30, studio program; 10:30, dance program.
WGR Buffalo, N. Y. (319m-940kc) 9-10 p. m. WEAF.
WGY Schenectady, N. Y. (379.5m-790kc) 6:30 p. m. dinner program, Onondaga hotel, WFBL, WGY; 7:30, Shea's Buffalo hour, WMAK, WGY; 8:05, WJZ; 10:30, dance program.
WHK, Cleveland, Ohio (272.6m-1100kc) 8 p. m. instrumental hour; 9, orchestra; 10, Happy hours; 11-12, Whozit.
WIP Philadelphia, Pa. (508.2m-590kc) 6:05 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, sports corner, Dr. Francois D'Eliscu; 8:15, recital; 8:45, program 10:30, dance orchestra from WGBS; 11:05, organ recital. Note New Year's program in headliners.
WJAX Jacksonville, Fla. (336.9m-890kc) 8-9 p. m. classical program; 9-10 Casa de Baile dance music.
WJR Detroit, Mich. (516.9m-580kc) 7 p. m. Jean Goldkette's Petite symphony orchestra, soloists; 9, studio program; 11:30, Merry Old Chief and his Jesters.
WJZ New York, N. Y. (454.3m-660kc) 7 p. m. Hotel Commodore dinner orchestra; 7:45, Don Vorhees orchestra; 8:25, orchestra, WBZ, WGY, WRC; 10:30, Jack Denny's Frivolity Club orchestra. WRC will also broadcast.
WKRC Cincinnati, Ohio (325.9m-920kc) 10 p. m. Swiss Garden Loons; 11, popular program; 11:15, dance music.
WLIT Philadelphia, Pa. (394.5m-760kc) 7:30 p. m. concert orchestra.
WLW Cincinnati, Ohio (422.3m-710kc) 7 p. m. organ concert, Johanna Grosse; 8, Seckatary Hawkins Radio club; 9, dance music, Castle Farm.
WMAK Buffalo, N. Y. (265.5m-1130kc) 6:30 p. m. Hotel Onondaga orchestra; 7:30, Shea's Buffalo theater, WGY, WHAM, WFBL; 8:30, musicale.
WMCA New York, N. Y. (340.7m-880kc) 11 p. m. Ernie Golden and his Hotel McAlpin orchestra; 12, McAlpin entertainers.
WNYC New York, N. Y. (526m-570kc) 7 p. m. piano selections.
WOO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. Hotel Sylvania dance orchestra.
WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7:15, Hotel Shelton string ensemble; 11, orchestra.
WPG Atlantic City, N. J. (299.8m-1000kc) 7:15 p. m. organ recital, Arthur Brook; 7:30, Hotel Morton dinner music; 8:05, Hotel Shelburne dinner music; 8:30, "Little Journeys to the Homes of Great Musicians," Alice Sachse, pianist; 9, Hotel Chelsea concert; 9:30, Hotel Traymore concert orchestra; 10, studio program; 10:30, dance music; 11:30, Gateway casino.
WRC Washington, D. C. (468.5m-640kc) New Year's program listed in headliners under WEAF. 7:15 p. m. Hotel Washington orchestra; 8:10, WBZ; 10:30, WJZ; 11, orchestra.
WSAI Cincinnati, Ohio (325.9m-920kc) 7:45 p. m. news; 8, sextet; 9, WEAF; 12, dance music.
WSKC Bay City, Mich. (260.7m-1150kc) 11-2 a. m. studio program.
WTAG Worcester, Mass. (545.1m-550kc) 8:30 p. m. Bancroft hotel orchestra; 9, program; 10, WEAF.
WTAM Cleveland, Ohio (389.4m-770kc) 6:15 p. m. Hotel Cleveland orchestra; 7:15, studio program; 9, WEAF; 10, Ev Jones' Merrymakers.
WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hub Restaurant trio; 8, program.
WWJ Detroit, Mich. (352.7m-820kc) 9 p. m. WEAF.

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 9:30-10:30 p. m. Herbert Sadler, organist.
KFAB Lincoln, Nebr. (340.7m-880kc) 8:30-10:30, variety program.
KFNF Shenandoah, Ia. (461.3m-650kc) 7 p. m. headliner; 11, old time music.
KMA Shenandoah, Ia. (461.3m-650kc) 9-11 p. m. Greenlee Brothers.
KMOX St. Louis, Mo. (280.2m-1070kc) 6:30 p. m. Children's club; 7, Little Red Schoolhouse; 8, orchestra; 9, KMOX Minstrels; 9:30, soloists; 10, program; 12-1, dance music.
KOIL Council Bluffs, Ia. (305.9m-980kc) 6 p. m. McCrory's music period; 6:30, Stewart Warner program; 7:30, program; 11, Pow-WOW.
KPRC Houston, Tex. (299.8m-1000kc) 7:30 p. m. Bible class; 8, concert; 11, frolic.
KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9 p. m. organ; 9:15, dance frolic; 10:15-11, Specialties.
KVOO Bristow, Okla. (374.8m-800kc) 6-7 p. m. S. S. lesson; 7-8, Gleeman; 8-9, orchestra; 12, Southern entertainers.
KYW Chicago, Ill. (535.4m-560kc) New Year's program 8 p. m., WJZ. 6 p. m. bedtime story; 6:30, Joska DeBabary and his orchestra; Johnny Hamp and his orchestra; 7, Family hour; 9-10:30, classical concert; 10:30-12, Congress carnival.
WBAP Fort Worth, Tex. (475.9m-630kc) 8-8:30 p. m. pianist; 9:30-11, orchestra.
WBBM Chicago, Ill. (226m-1330kc) 8 p. m. Coon-Sanders' Night Hawks; 9, orchestra, artists; 10, Jazz-land; 11-12, supper club; 12, Nutty club, Coon-Sanders' Night Hawks.
WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 6:15 p. m. Wesley Barlow's Nicollet hotel orchestra; 8, WEAF; 9, program; 10:05, dance program, Wallie Erickson's orchestra.
WCFL Chicago, Ill. (491.5m-610kc) 7 p. m. Brevoort trio; 8, vaudeville hour; 10, Alamo orchestra; 11-12, entertainers.
WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 8-9, WEAF; 9-10, around the town; 11:45-1, Nighthawk frolic.
WEBH Chicago, Ill. (370.2m-810kc) 7 p. m. Edgewater Beach hotel orchestra; 11-2 a. m., orchestra; Sunset male quartet.
WENR Chicago, Ill. (265.3m-1130kc) 6-7 p. m. Rauland lyric trio; 8-10, All-American Pioneers; 12-2, All-American Pioneers.
WFAA Dallas, Tex. (475.9m-630kc) 6:30-7:30 p. m. Baker hotel orchestra; 8:30-9:30, concert; 11-12, concert.

DANCING

Central Time

Monday
8, Wgcp; 9, W
Wor; 9:15, Wahg;
Kths, Wgcp, Wgr, Wr
Wpg; 10:15, Wor; 10:
Wgcp, Whn; 11, K
Koil, Wgbu, Wgcp, W
Whn, Who, Wjaz; 11:
Wdaf; 12, Knx, Kpo.

Tuesday
10:15, Kths; 10:30, K
Whn; 10:45, Wsb;
Kgw, Koil, Wgbu, W
Wjaz; 11:45, Wdaf;
Kgw, Khj, Knx, K
Wdaf, Wjaz; 1, Wqj.

Wednesday
9:15, Wahg; 9:30, Wh
Who, Wor; 10, K
Wbap, Weaf, Wg
Wgcp, Wjaz, Wqj; 10:
Wcco; 10:30, Wbap, W
11, Kmox, Koil, K
Webh, Wgbu, Wgcp, W
Whn, Wjaz; 11:45, Wd
12, Kfwa, Knx, K
Wjaz, Wjjd.

Thursday
8, Wjr; 9, Webh, W
Whn, Wjr, Wmbb, W
Wtag; 9:05, Wbz, W
9:30, Wgbs, Wgy, W
9:35, Wnyc; 10, K
Wbbm, Weaf, Wg
Whn, Wmca, Wpg, W
10:30, Kths, Whn, We
Wgbu, Whn, Woc; 11:
Wdaf; 12, Kgo, K
Knx, Kpo, Wjjd.

Friday
8, Wwj; 9, Wcx, We
Weei, Wgbu, Wg
Wmbb; 9:15, Wahg; 9:
Wcau, Whn; 10, K
Kths, Wgbu, Wg
Whn, Wgr, Wqj.

Saturday
9, Webh, Wjaz, Wm
Wnyc, Wreo; 9:10, K
Wip; 9:30, Kths, Wg
Wor, Wrc; 10, Km
Kfwa, Koa, Kpo, We
Wgn, Wjaz, Wjr, Wh
Wmca, Wnyc, Wor, W
Wreo, Wtam; 10:
Wcco; 10:30, Wan
10:45, Wlw; 11, Wf
Kfwb, Kpo, Webh, Wf
Who, Wjaz; Woc; 11:
Kfoa; 11:45, Wdaf;
Kgo, Kgw, Knx, Wgl
Wjaz, Wjjd.

GIVE BRILLIANT NEW YEAR'S PROGRAM

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actor folks were
on the screen.

Few people realize that the popular organist of WSMB is a very handsome looking young woman who possesses rare charm. Her name is Ada Rives and she plays the Saenger Liberty theater organ when it is broadcast.

Saturday, silent night for: CFCA, KFDM, KFDY, KFUO, KLX, KOA, KOB, KSWC, KTAB, KUOA, KWWG, WBAL, WCAL, WCAU, WCBD, WCOA, WCX, WEBJ, WEEI, WEMC, WGBF, WGCP, WGHB, WGHP, WGR, WHA, WHAD, WHB, WHN, WHO, WJAR, WLWL, WOAI, WOOD, WOS, WRVA WTAG, WTIC, WWJ.

SUNDAY, JANUARY 2
Church Services

Eastern — Central — Western — Pacific
10:50 a. m. — 9:50 — 8:50 — 7:50
WEEI (348.6m-860kc) Old South Church.
11 — 10 — 9 — 8
WCAU (277.6m-1080kc) First Unitarian church.
WHAS (399.8m-750kc) Fourth Avenue Presbyterian church.
WLW (422.3m-710kc) Seventh Presbyterian church.
11:50 — 10:50 — 9:50 — 8:50
WCCO (416.4m-720kc) Westminster Presbyterian church.
12 n. — 11 — 10 — 9
KOIL (305.9m-980kc) First Congregational church.
KSO (405.2m-740kc) M. E. church.
WBAP (475.9m-630kc) First Methodist Church.
WRR (245.8m-1220kc) First Baptist church.
WSAI (325.9m-920kc) Methodist Episcopal church.
1 p. m — 12 — 11 — 10
KNX (336.9m-890kc) First Presbyterian church.
KOA (322.4m-930kc) First Baptist church.
KGO (361.2m-830kc) First Congregational church.
5 — 4 — 3 — 2
WCCO (416.4m-720kc) House of Hope Presbyterian church.
6 — 5 — 4 — 3
WBAP (475.9m-630kc) vesper, Baptist seminary.
7:15 — 6:15 — 5:15 — 4:15
WIP (508.2m-590kc) Holy Trinity church.
7:30 — 6:30 — 5:30 — 4:30
WOC (483.6m-620kc) First Methodist Episcopal church.
8 — 7 — 6 — 5
WSB (428.3m-700kc) Wesley Memorial Methodist church service.
8:30 — 7:30 — 6:30 — 5:30
KUOA (299.8m-1000kc) Central Presbyterian church.
WFAA (475.9m-630kc) First Baptist church.
WLW (422.3m-710kc) First Presbyterian church.
8:50 — 7:50 — 6:50 — 5:50
KPRC (296.9m-1010kc) First Church of Christ, Scientist.
9:30 — 8:30 — 7:30 — 6:30
KNX (336.9m-890kc) First Unitarian church.
9:45 — 8:45 — 7:45 — 6:45
KOA (322.4m-930kc) First Baptist church.
10 — 9 — 8 — 7
KNX (336.9m-890kc) First Presbyterian church.

SUNDAY, JANUARY 2
Headliners

Eastern — Central — Mountain — Pacific
2 p. m. — 1 — 12 — 11
WEEI (348.6m-860kc) Sager's Hour of Hospitality.
3 — 2 — 1 — 12
WEEI (348.6m-860kc) Henry J. Ryan.
4 — 3 — 2 — 1
WQJ (447.5m-670kc) Holy Family church choir.
4:15 — 3:15 — 2:15 — 1:15
WHAD (275.1m-1090kc) Milwaukee Turnverein.
5 — 4 — 3 — 2
CFIC (356.9m-690kc) vesper choral service.
WGAU (277.6m-1080kc) New Century brass quartet.
WSB (428.3m-700kc) Baptist church choir.
5:30 — 4:30 — 3:30 — 2:30
WHAS (399.8m-750kc) choral evensong, Christ Church cathedral.
6 — 5 — 4 — 3
WEAF (491.5m-610kc) "The Mid-Summer's Night Dream," WEAF players.
WSBC (288.3m-1040kc) Edouard Dufresne, French baritone.
7:30 — 6:30 — 5:30 — 4:30
KNX (336.9m-890kc) cinema chit-chat, Helene Sullivan.
7:45 — 6:45 — 5:45 — 4:45
WCAU (277.6m-1080kc) Cathay concert.
8 — 7 — 6 — 5
KOIL (305.9m-980kc) Princess of the Air.
8:15 — 7:15 — 6:15 — 5:15
WLWL (288.3m-1040kc) Paulist choristers.
8:30 — 7:30 — 6:30 — 5:30
KOA (322.4m-930kc) Oliver W. Gushee, organist.
KOIL (305.9m-980kc) Ray-O-Vac Twins.
9 — 8 — 7 — 6
KOIL (305.9m-980kc) Monday Musical club.
WCBD (344.6m-870kc) mixed quartet, organ.
9:15 — 8:15 — 7:15 — 6:15
WEAF New York, N. Y. (491.5m-610kc), WEEI, WGR, WRC, WWJ, WSAI, WGN, WCCO,

DANCING
Central Time

Monday

, Wgcp; 9, Wjar,
r; 9:15, Wahg; 10,
is, Wgcp, Wgr, Wnyc,
g; 10:15, Wor; 10:30,
cp, Whn; 11, Kgw,
1, Wgbu, Wgcp, Wgr,
n, Who, Wjaz; 11:45,
af; 12, Knx, Kpo.

Tuesday

):15, Kths; 10:30, Kths,
n; 10:45, Wsb; 11,
v, Koil, Wgbu, Whn,
iz; 11:45, Wdaf; 12,
v, Khj, Knx, Kpo,
af, Wjaz; 1, Wqj.

Wednesday

:15, Wahg; 9:30, Whap,
o, Wor; 10, Kfve,
ap, Weaf, Wgbu,
cp, Wjaz, Wqj; 10:05,
o; 10:30, Wbap, Whn;
Kmox, Koil, Kpo,
h, Wgbu, Wgcp, Wgr,
, Wjaz; 11:45, Wdaf;
Kfwa, Knx, Kpo,
z, Wjjd.

Thursday

Wjr; 9, Webh, Weei,
, Wjr, Wmbb, Wsai,
ag; 9:05, Wbz, Wip;
, Wgbs, Wgy, Whn;
, Wnyc; 10, Kths,
om, Weaf, Wgbu,
a, Wmca, Wpg, Wqj;
:0, Kths, Whn, Webh,
ou, Whn, Woc; 11:45,
af; 12, Kgo, Khj,
. Kpo, Wjjd.

Friday

Wwj; 9, Wcx, Webh.
i, Wgbu, Wgcp,
ob; 9:15, Wahg; 9:30,
u, Whn; 10, Kpo,
s, Wgbu, Wgcp,
, Wgr, Wqj.

Saturday

Webh, Wjaz, Wmbb,
c, Wreo; 9:10, Kths,
; 9:30, Kths, Wgbs,
, Wrc; 10, Kmox,
a, Koa, Kpo, Weaf,
, Wjaz, Wjr, Wkrc,
ea, Wnyc, Wor, Wqj,
o, Wtam; 10:05,
o; 10:30, Wamd;
5, Wls; 11, Wfwa,
b, Kpo, Webh, Wfaa,
, Wjaz, Woc; 11:30,
1; 11:45, Wdaf; 12,
, Kgw, Knx, Wgbu,
z, Wjjd.

WGN Chicago, Ill. (302.8m-990kc) 6:35-7 p. m. Drake concert ensemble; 8-9, WEAF; 9:10, Light opera period; 10, Sam 'n' Henry; 10:10, The Music Box; 10:20, song group; 10:40-11, songs.
WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. orchestra and vocal selections, Wisconsin hotel. See headliners for New Year's day.
WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m. studio concert.
WHT Chicago, Ill. (399.8m-750kc) 6 p. m. Al Carney, organist; 7:45 (238m-1260kc), Stuart Dawson; 9:30 (399.8m-750kc), Brown and Craig; 12, Pat and Al.
WIBO Chicago, Ill. (225.4m-1330kc) 6-7 p. m. dinner concert; 7-8, Bradley college hour.
WJAZ Chicago, Ill. (329.5m-910kc) 6:30 p. m. dinner program; 7-8, Shoreland; 8, musical highlights; 9-11, Shoreland; 11-2, frolic.
WJJD Mooseheart, Ill. (370.2m-810kc) 8 p. m. Victorians.
WLIB Chicago, Ill. (302.8m-990kc) 7-8 p. m. dinner concert; 11-12:30, organ, orchestras.
WLS Chicago, Ill. (344.6m-870kc) 6:40 p. m. College Inn orchestra; 7-1, frolic.
WMAQ Chicago, Ill. (447.5m-670kc) Silent New Year's day. 6 p .m. Chicago theater organ; 6:30, Gus Edwards' orchestra; 8, photologue; 8:30, Chicago theater revue; 9:30, songs.
WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m. Trianon ensemble; artists; 8:30-11, Trianon orchestra, ensemble.
WMC Memphis, Tenn. (499.7m-600kc) 7:30 p. m. dance music; 8:30, entertainment.
WOC Davenport, Iowa (483.6m-620kc) 7-8 p. m. musicale; 8-9, WEAF.
WOK Chicago, Ill. (238m-1260kc) 6-7:45 p. m. string ensemble; 8-9 (217.3m-1380kc), program; 9:30-12 (238m-1260kc), syncopators.
WOQ Kansas City, Mo. (278m-1080kc) 6:15 p. m. orchestra; 10, service.
WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. Webster hotel concert program; 9, studio program.
WOW Omaha, Neb. (526m-570kc) 6 p. m. literary hour; 9, program; 10, Tracy-Brown's Oklahomans.
WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo orchestra; 10-3 a. m. Rainbo Gardens frolic.
WRR Dallas, Tex. (245.8m-1220kc) 8-9 p. m. musicale.
WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. Atlanta Atwater Kent hour; 10:45, Ernest Rogers' Red Head club.
WSBC Chicago, Ill. (288.3m-1040kc) 6:30-8 p. m. dinner program; 9, entertainers.
WSMB New Orleans, La. (319m-940kc) 8:30 p. m. popular program.
WSOE Milwaukee, Wis. (245.8m-1220kc) 8 p. m. Whozit, artists.
WSWS Chicago, Ill. (275.8m-1090kc) 6 p. m. dinner program, Terrace Garden orchestra; 8, production, Magic Crystal; Walter Dyckman, bass; 10, orchestra; John Clark, baritone; ballads, John Ude; 12 midnight, Witching hour.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 10:30 p. m. Scheuerman's Colorado orchestra.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. program arranged by Paul Roberts, tenor; 8-9, program, L. A. Soap company; 9-10, Angelus string quartet; 10-11, Packard Radio club; 11-2 a. m., KFI midnight frolic.
KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 8-9, program, Mona Motor Oil Company; 9-10, headliner; 10-11, Warner Brothers frolic.
KGO Oakland, Calif. (361.2m-830kc) 4-5 p. m. Stanislas Bem's Little symphony; 8:15, organ; 9-1, Hotel Whitcomb band; Frank Gibney, soloist.
KGW Portland, Ore. (491.5m-610kc) 6-7 p. m. dinner music; 10-12, dance music.
KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30 p. m. children's hour; 8-10, varied program.
WMTR Hollywood, Calif. (370.2m-810kc) 8-9 p. m. concert orchestra; 9-10, studio program; 10-12, dance music.
KNX Hollywood, Calif. (336.9m-890kc) 7:30 p. m. features; 10, Hotel Ambassador; 11, Saturday night frolic.
KPO San Francisco, Calif. (428.3m-700kc) 6:30 p. m. States Restaurant orchestra; 8-12, dance music.
KPSN Pasadena, Calif. (315.6m-950kc) 8-9 p. m. Star-News instrumental ensemble.

FARMER'S PROGRAM INDEX

Farmer Dinner Concerts

Daily Except Sunday
CENTRAL TIME
KFNF, 12:30 p. m.
KMA, 11:30-12:30
KSO, 12:30-1:30 p m.

Special Farm Features

Monday

Eastern — Central — Mountain — Pacific
10:30 a.m. — 9:30 — 8:30 — 7:30
WFI (394.5m-760kc), Farm feature.
11 — 10 — 9 — 8
WCAE (461.3m-650kc), U. S. farm school.
1 p.m. — 12 — 11 — 10
WCCO (416.4m-720kc), Farm hour.
1:10 — 12:10 — 11:10 — 10:10
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
1:13 — 12:13 — 11:13 — 10:13
WHO (526m-570kc), Radio farm school.
1:15 — 12:15 — 11:15 — 10:15
WTAW (270.1m-1110kc), Jan. 3, spring oats; Jan. 10, Sudan and Angleton grass.
1:30 — 12:30 — 11:30 — 10:30
KFDY (306m-978kc), Poultry course.
KMA (461.3m-650kc), Farm talk, agricultural aid.
WCCO (416.4m-720kc), Farm talk, feed choppers.
WEAO (293.9m-1020kc), Timely economic information for the farmers.
1:35 — 12:35 — 11:35 — 10:35
KSAC (340.7m-880kc), Jan. 3, Breaking in the young horse; Jan. 10, brood sow rations.
1:40 — 12:40 — 11:40 — 10:40
WLW (422.3m-710kc), U. S. Radio Farm school.
1:45 — 12:45 — 11:45 — 10:45
WOI (270.1m-1110kc), Questions and answers on horticulture.
2 — 1 — 12 — 11
WSB (428.3m-700kc), Georgia State College farm course.
4:30 — 3:30 — 2:30 — 1:30
WLW (422.3m-710kc), Weekly letter to Dad.
6:20 — 5:20 — 4:20 — 3:20
WDBO (239.9m-1250kc), Farm flashes.
6:40 — 5:40 — 4:40 — 3:40
WGHP (270m-1110kc), U. S. Farm school.
WLS (344.6m-870kc), U. S. farm school.
7:30 — 6:30 — 5:30 — 4:30
KSAC (340.7m-880kc), Jan. 3, "The Value of Crop Estimates," Hon. J. C. Mohler; milling. Jan. 10, livestock estimates, milling costs.
KSO (405.2m-740kc), U. S. Farm school.
WSM (282.8m-1060kc), Poultry talks.
8 — 7 — 6 — 5
KOIL (305.9m-980kc), U. S. Radio Farm school.
WAMD (243.8m-1230kc), U. S. Radio Farm school.
WOS (440.9m-680kc), U. S. Radio Farm school.
WRVA (256m-1170kc), Farmers' chat, Dibble, Cline.
8:20 — 7:20 — 6:20 — 5:20
KFJF (260.7m-1150kc) ,U. S. Agricultural service.
8:30 — 7:30 — 6:30 — 5:30
KUOA (299.8m-1000kc), Farm filosophy; Jan. 3, seed corn; Rabies, sweet potatoes; "Making Long Winters Profitable." Jan. 10, naming the farm, sane farming plan for 1927.
WCCO (416.4m-720kc), Farm lecture.
WMC (499.7m-600kc), Farm talk.
8:35 — 7:35 — 6:35 — 5:35
WOOD (241.8m-1240kc), U. S. Farm school.
9 — 8 — 7 — 6
KFNF (461.3m-650kc), Poultry talk.
WMC (499.7m-600kc), Farm talk.
9:30 — 8:30 — 7:30 — 6:30
KOB (348.6m-860kc), Farm program.
WFAA (475.9m-630kc), Sears-Roebuck program.

Tuesday

Eastern — Central — Mountain — Pacific
10:30 a.m. — 9:30 — 8:30 — 7:30
WFI (394.5m-760kc), Farm feature.
11 — 10 — 9 — 8
KMMJ (228.9m-1310kc), Poultry talks.
1 p.m. — 12 — 11 — 10
WCCO (416.4m-720kc), Farm hour.
1:10 — 12:10 — 11:10 — 10:10
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
1:13 — 12:13 — 11:13 — 10:13
WHO (526m-570kc), Radio Farm school
1:15 — 12:15 — 11:15 — 10:15
WEAO (293.9m-1020kc), Farm flash, crops and soils.
WTAW (270.1m-1110kc), Important agricultural news; hog business.
1:30 — 12:30 — 11:30 — 10:30
KMA (461.3m-650kc), Agricultural aid.
1:35 — 12:35 — 11:35 — 10:35
KSAC (340.7m-880kc), Jan. 4, Corn varieties, sweet clover; Jan. 11, sweet clover, liming.
1:40 — 12:40 — 11:40 — 10:40
KFJF (260.7m-1150kc), State farm talks.
1:45 — 12:45 — 11:45 — 10:45
WOI (270m-1110kc), "Animal Husbandry."
2 — 1 — 12 — 11
WCCO (416.4m-720kc), Glass cloth.
WSB (428.3m-700kc), Georgia State College farm course.
6:20 — 5:20 — 4:20 — 3:20
WDBO (239.9m-1250kc), Farm talk.
6:40 — 5:40 — 4:40 — 3:40
WGHP (270m-1110kc), U. S. Farm school.
6:45 — 5:45 — 4:45 — 3:45
WGY (379.5m-790kc), Agricultural program.
7:10 — 6:10 — 5:10 — 4:10
WEAO (293.9m-1020kc), Plant diseases.
7:30 — 6:30 — 5:30 — 4:30
KSO (405.2m-740kc), U. S. Farm school.
8 — 7 — 6 — 5
KOIL (305.9m-980kc), U. S. Radio Farm school.
KYW (535.4m-560kc), American Farm Bureau Federation.
WAMD (243.8m-1230kc), U. S. Farm school.
8:30 — 7:30 — 6:30 — 5:30
WTAW (270.1m-1110kc), Jan. 4, Poultry, pruning the orchard; Jan. 11, poultry, orchard insects and diseases.
9:30 — 8:30 — 7:30 — 6:30
KOA (322.4m-930kc), Farm question box.
10:10 — 9:10 — 8:10 — 7:10
WOAW (526m-570kc), Poultry, pig troubles.

Wednesday

Eastern — Central — Mountain — Pacific
10:30 a.m. — 9:30 — 8:30 — 7:30
WFI (394.5m-760kc), Farm feature.
11:50 — 10:50 — 9:50 — 8:50
KFNF (461.3m-650kc), Poultry talk.
1:10 p. m. — 12:10 — 11:10 — 10:10
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
1:13 p. m. — 12:13 — 11:13 — 10:13
WHO (526m-570kc), Radio Farm school.
1:15 — 12:15 — 11:15 — 10:15
WEAO (293.9m-1020kc), Farm flash, poultry.
WTAW (270.1m-1110kc), Farm topics, dairying.
1:30 — 12:30 — 11:30 — 10:30
KMA (461.3m-650kc), Agricultural aid.
WFAA (475.9m-630kc), Sears-Roebuck agricultural program.
1:35 — 12:35 — 11:35 — 10:35
KSAC (340.7m-880kc), Jan. 5, Breeding; Jan. 12, Ideas and Profits on the Farm.
1:40 — 12:40 — 11:40 — 10:40
WLW (422.3m-710kc), U. S. Radio Farm school.
1:45 — 12:45 — 11:45 — 10:45
WOI (270.1m-1110kc), Poultry husbandry.
2 — 1 — 12 — 11
WSB (428.3m-700kc), Georgia State college farm course.
6:40 — 5:40 — 4:40 — 3:40
WGHP (270m-1110kc), U. S. Farm school.
6:45 — 5:45 — 4:45 — 3:45
WGY (379.5m-790kc), WGY Agricultural program.
7:10 — 6:10 — 5:10 — 4:10
WOC (483.6m-620kc), Poultry talk.
7:30 — 6:30 — 5:30 — 4:30
WLW (422.3m-710kc), Farm Bureau Federation talk.
7:35 — 6:35 — 5:35 — 4:35
KSAC (340.7m-880kc), Dec. 15, Long Range Forecasts.
KSO (405.2m-740kc), U. S. Farm school.
8 — 7 — 6 — 5
WAMD (243.8m-1230kc), U. S. Farm school.
WOS (440.9m-680kc), Radio Farm school.
8:27 — 7:27 — 6:27 — 5:27
KOA (322.4m-930kc), Radio Farm council.
8:35 — 7:35 — 6:35 — 5:35
WCCO (416.4m-720kc), Farm talk.
WOOD (241.8m-1240kc), U. S. Farm school.
12 m. — 11 — 10 — 9
KGO (361.2m-830kc), U. S. farm program.

Thursday

Eastern — Central — Mountain — Pacific
10:30 a.m. — 9:30 — 8:30 — 7:30
WFI (394.5m-760kc), Farm feature.
12:30 p. m. — 11:30 — 10:30 — 9:30
KVOO (374.8m-800kc), Oklahoma A. & M. course.
1 — 12 n. — 11 — 10
WCCO (416.4m-720kc), Farm hour.
1:10 — 12:10 — 11:10 — 10:10
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
1:13 — 12:13 — 11:13 — 10:13
WHO (526m-570kc), Radio Farm school.
1:15 — 12:15 — 11:15 — 10:15
WEAO (293.9m-1020kc), Farm talk.
WTAW (270.1m-1110kc), Farm and Home Question box; Jan. 6, watermelons; Jan. 13, cantaloupes.
1:30 — 12:30 — 11:30 — 10:30
KMA (461.3m-650kc), Agricultural aid.
1:35 — 12:35 — 11:35 — 10:35
KSAC (340.7m-880kc), Jan. 6, garden talks; Jan. 13, planting, plant diseases.
1:45 — 12:45 — 11:45 — 10:45
WOI (270m-1110kc), Farm crops.
2 — 1 — 12 — 11
WSB (428.3m-700kc), Georgia State college.
4:30 — 3:30 — 2:30 — 1:30
WLW (422.3m-710kc), Fifty Farm flashes.
6:20 — 5:20 — 4:20 — 3:20
WDBO (239.9m-1250kc), Primer for town farmers.
6:40 — 5:40 — 4:40 — 3:40
WGHP (270m-1110kc), U. S. Farm school.
7:45 — 6:45 — 5:45 — 4:45
KSO (405.2m-740kc) U. S. Farm school.
8 — 7 — 6 — 5
KOIL (305.9m-980kc), U. S. Government crop survey.
WAMD (243.8m-1230kc), U. S. Farm school.
WOC (483.6m-620kc), Jan. 6, poultry talk.
8:30 — 7:30 — 6:30 — 5:30
WCCO (416.4m-720kc), Farm lecture.
WOI (270m-1110kc), Farm crops.
8:33 — 7:33 — 6:30 — 5:33
KYW (535.4m-560kc), American Farm bureau.
WOI (270.1m-1110kc), Franklin County Farm Bureau program.
WOS (440.9m-680kc), Missouri State Board of Agriculture.
9 — 8 — 7 — 6
KUOA (299.8m-1000kc), Jan. 6, Roses.
9:30 — 8:30 — 7:30 — 6:30
KOA (322.4m-930kc), Farm question box.

Friday

Eastern — Central — Mountain — Pacific
10:30 a.m. — 9:30 — 8:30 — 7:30
WFI (394.5m-760kc), Farm feature.
11:50 — 10:50 — 9:50 — 8:50
KFNF (461.3m-650kc), Poultry talk.
1 p.m. — 12 — 11 — 10
WCCO (416.4m-720kc), Farm hour.
WLS (344.6m-870kc), R. F. D. dinnerbell program.
WEAO (293.9m-1020kc), Farm flash, dairying.
1:10 — 12:10 — 11:10 — 10:10
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
1:13 — 12:13 — 11:13 — 10:15
WHO (526m-570kc), Radio Farm school.
1:15 — 12:15 — 11:15 — 10:15
WTAW (270.1m-1110kc), Farm talks; Jan. 7, milo maize; Jan. 14, peanuts.
1:30 — 12:30 — 11:30 — 10:30
KMA (461.3m-650kc), Agricultural aid.
1:35 — 12:35 — 11:35 — 10:35
KSAC (340.7m-880kc), Jan. 7, farm account clubs; Jan. 14, pests, irrigation, "Chap Stops the Leaks."
1:40 — 12:40 — 11:40 — 10:40
WLW (422.3m-710kc), U. S. Radio Farm school.
1:45 — 12:45 — 11:45 — 10:45
WOI (270m-1110kc), Soils.
WTAW (270.1m-1110kc), Farm topics.
2 — 1 — 12 — 11
WSB (428.3m-700kc), Georgia State college farm course.
6:40 — 5:40 — 4:40 — 3:40
WGHP (270m-1110kc), U. S. Farm school.
6:45 — 5:45 — 4:45 — 3:45
WRVA (256m-1170kc), Uncle Sam's farm flashes.
6:20 — 5:20 — 4:20 — 3:20
WDBO (239.9m-1250kc), Agricultural economist.
7 — 6 — 5 — 4
WTIC (475.9m-630kc), Farm course, Agricultural college.
7:45 — 6:45 — 5:45 — 4:45
KSO (405.2m-740kc), U. S. Farm school.
8 — 7 — 6 — 5
KOIL (305.9m-980kc), U. S. Radio Farm school.
WAMD (243.8m-1230kc), U. S. Farm school.
WOS (440.9m-680kc), Radio Farm school.
8:30 — 7:30 — 6:30 — 5:30
WCCO (416.4m-720kc), Farm lecture.
WOC (483.6m-620kc), Question box.
8:35 — 7:35 — 6:35 — 5:35
WOOD (241.8m-1240kc), U. S. Farm school.
9 — 8 — 7 — 6
KOA (322.4m-930kc), Aggie Kickoffs.

KSD, WJAR, WTAG, WCAE, WTAM, WOC, WFI. Atwater Kent radio hour.
Madame Louise Homer, contralto
Louise Homer Stires, soprano
"Quis Est Homo" from Stabat Mater.....Rossini
Louise Homer, Louise Homer Stires, orchestra.
a. Father in Heaven.Haendel
b. In the Time of the Roses... Reinhart
Louise Homer
c. My Heart Ever Faithful.. ..Bach
Louise Homer and orchestra
a. Would God I Were a Tender Apple Blossom..... .....Old Londonderry Air.
b. Dearest....Sidney Homer
c. Swiss Echo Song.C. Eckert
d. Abide With Me-Traditional
Louise Homer Stires
a. What Is Love..... .....Rudolph Ganz
b. The House that Jack Built .....Sidney Homer
c. Luther's Cradle Song.....Traditional
d. Come Down to Kew.....Carl Deis
Louise Homer and accompanist
a. Whispering Hope.....Hawthorne
b. Last Night the Nightingale Woke Me..Kjerulf
c. Banjo Song.....Homer
Louise Homer, Louise Homer Stires and accompanist
Ruth Emerson, accompanist.

9:30 8:30 7:30 6:30
KMA (461.3m-650kc) Rev. J. W. Todd and family.
WFAA (475.9m-630kc) J. H. Bohannon, tenor.
WGBS (315.6m-950kc) Old time minstrels.
9:35 8:35 7:35 6:35
WLW (422.3m-710kc) "Getting Acquainted with Beethoven."
9:50 8:50 7:50 6:50
WLW (422.3m-710kc) string orchestra.
10 9 8 7
WIP (508.2m-590kc) Little symphony orchestra.
10:15 9:15 8:15 7:15
WCCO (416.4m-720kc) Chippewa Indians.
10:30 9:30 8:30 7:30
KPRC (296.9m-1010kc) Canadian Red Jackets.
WBAP (475.9m-630kc) Dick Lucke and his Texas hotel orchestra.
WRR (245.8m-1220kc) R. E. Shepperd, tenor.
12 11 10 9
KOIL (305.9m-980kc) Ray-O-Vac twins.

SUNDAY, JANUARY 9
Church Services

Eastern Central Mountain Pacific
11 a. m. 10 9 8
WHAS (399.8m-750kc) Broadway Baptist church.
12 n. 11 10 9
KTHS (374.8m-800kc) St. Luke's Episcopal church.
WRR (245.8m-1220kc) First Methodist church.
1 p. m. 12 11 10
KNX (336.9m-890kc) First Presbyterian church.
8 7 6 5
WSB (428.3m-700kc) Baptist Tabernacle service.
8:30 7:30 6:30 5:30
KUOA (299.8m-1000kc) First Baptist church.
WFAA (475.9m-630kc) Service City Temple.
9 8 7 6
KPRC (296.9m-1010kc) First Methodist church.
WRR (245.8m-1220kc) First Methodist church.
9:30 8:30 7:30 6:30
KNX (336.9m-890kc) Hollywood Unitarian church.
10 9 8 7
KNX (336.9m-890kc) First Presbyterian church.

SUNDAY, JANUARY 9
Headliners

Eastern Central Mountain Pacific
5 p. m. 4 3 2
WSB (428.3m-700kc) Hamilton Street Methodist church choir.
5:30 4:30 3:30 2:30
WHAS (399.8m-750kc) choral evensong service.
7 6 5 4
KNX (336.9m-890kc) Golden State band.
8:30 7:30 6:30 5:30
KOIL (305.9m-980kc) Dean Nordin and his orchestra.
9:30 8:30 7:30 6:30
WFAA (475.9m-630kc) Willard B. Muse, tenor.
WGBS (315.6m-950kc) music drama.
10 9 8 7
KTHS (374.8m-800kc) Music Lovers hour.
WSBC (288.3m-1040kc) Sea ballads, Ambrose Wyrick.
10:30 9:30 8:30 7:30
WRR (245.8m-1220kc) George N. Crothwaite.
11 10 9 8
KNX (336.9m-890kc) Circle theater concert.

Regular Sunday Features
Eastern Time Stations

CFCA Toronto, Can. (356.9m-840kc) 11 a. m. services; 7 p. m., St. Paul's Anglican church; 8:45, musical program.
CKAC Montreal, Que., Can. (410.7m-730kc) Capitol theater symphony.

SPORTS

Saturday, January 1
5 p. m. 4 3 2
KPSN (315.6m-950kc) Stanford-Alabama, football game; also broadcast by KFI, KNX, KOA, KPO.
9:30 8:30 7:30 6:30
WIP (508.2m-590kc) U. of Penn.-Yale, basketball.

Friday, January 7
8:30 p. m. 7:30 6:30 5:30
KUOA (299.8m-1000kc) Rice Institute-U. of Ark., basketball.

Saturday, January 8
8:30 p. m. 7:30 6:30 5:30
KUOA (299.8m-1000kc) Rice Institute-U. of Ark., basketball.
WTAW (270.1m-1110kc) S. M. U.-A. and M., basketball.

KDKA Pittsburgh, Pa. (309.1m-970kc) 6:30 p. m. KDKA Little symphony orchestra; 7:45, service.
PWX Havana, Cuba (399.8m-750kc) 8:30-11:30 p. m. Cuban songs and music.
WBAL Baltimore, Md. (245.8m-1220kc) 6:30-7:30 p. m. orchestra; 8, program.
WBBR New York, N. Y. (416.4m-720kc) 10 a. m. music, choral singers; 2 p. m., Watchtower string quartet, vocal, Bible lecture; 8, Watchtower violin choir, vocal selections.
WBZ Springfield, Mass. (333.1m-900kc) 10 a. m. services; 6:30 p. m. organ; 7, quartet; 7:30, program; 8, musical; 9, program.
WCAE Pittsburgh, Pa. (461.3m-650kc) 6:30 p. m. orchestra; 7:15, WEAF; 9:15, WEAF; 10:15, play.
WCAU Philadelphia, Pa. (277.6m-1080kc) 11 a. m. services, First Unitarian church; 5, recital; 5.15, Undenominational church services; 5:25, sermon, Rev. John W. Stockwell; 6:45, orchestra; 7:45, Cathay Garden orchestra; 8:30, Bonwit Teller Ensemble; 10, Al Zemsay's orchestra.
WCX Detroit, Mich. (516.9m-580kc) 7:15 p. m. Central Methodist Episcopal church.
WDBO Winter Park, Fla. (239.9m-1250kc) 11 a. m. church; 7:30, service; 9, musicale.
WEAF New York, N. Y. (491.5m-610kc) 6 p. m. program; 7:20, musical program from the Capitol theater, WEEI, KSD, WRC, WWJ, WJAR, WCAE, WTAG; 9:15, Atwater-Kent Radio hour, WEEI, WGR, WRC, WWJ, WSAI, WGN, WCCO, KSD, WJAR, WTAG, WCAE, WTAM, WOC, WFI; 10:15, talk.
WEEI Boston, Mass. (348.6m-860kc) 10:50 a. m. Old South church; 2 p. m., program; 4, WEAF; 7:20, WEAF; 9:15, WEAF; 10:15, B. F. Keith's theater.
WGBS New York, N. Y. (315.6m-950kc) 9:30 p. m. Old Time minstrels; 10:30 symphony.
WGR Buffalo, N. Y. (319m-940kc) 10:45 a. m. service; 7:45, Central Presbyterian church; 9:15-10:15, WEAF.
WGY Schenectady, N. Y. (379.5m-790kc) 11 a. m. service; 3 p. m. musicale; 5, organ; 9, WJZ.
WHK Cleveland, Ohio (272.6m-1100kc) 10 a. m. Bible association; 5 p. m. twilight musicale; 6, dinner program; 7:30, lecture; 8:45, program.
WHN New York, N. Y. (361.2m-830kc) 6:30 p. m. Libby's Hotel orchestra; 11, orchestra; 12, The Playground.
WICC Bridgeport, Conn. (285.5m-1050kc) 10:50 a. m. service; 2 p. m. Sunday afternoon concert.
WIP Philadelphia, Pa (508.2m-590kc) 7:15 p. m. evening service; 10, symphony.
WJAX Jacksonville, Fla. (336.9m-890kc) 11 a. m. service; 8-9, services.
WJR Detroit, Mich. (516.9m-580kc) 10 a. m. First Baptist church; 10 p. m. special song service, First Baptist church.
WJZ New York, N. Y. (454.3m-660kc) 11 a. m. and 7 p. m. Park Avenue Baptist Church Carillon; 7:20, Hotel Ambassador trio; 8, musicale, WBZ; 9, Hotel Commodore concert orchestra, WBZ, WGY; Godfrey Ludlow, violinist.
WKRC Cincinnati, Ohio (325.9m-920kc) 6:45 p. m. Walnut Hills Christian church; 10, classical program; 11:15, Louisville Loons; 12, Marie Turner; 12:15, Louisville Loons.
WLW Cincinnati, Ohio (422.3m-710kc) 11 a. m. Seventh Presbyterian church; 3 p. m. organ; 7:30, Seventh Presbyterian church; 8:30, Beethoven program; 8:50, Crosley concert orchestra.
WLWL New York, N. Y. (288.3m-1040kc) 8:15 p. m. Paulist choristers.
WMAK Buffalo, N. Y. (265.5m-1130kc) 10:25 a. m. service; 3 p. m., WFBL; 7:50, service.
WMCA New York, N. Y. (340.7m-880kc) 6 p. m. Romer's Homers; 7, Ernie Golden and his Hotel McAlpin orchestra; 9, Moment musicale; 10, Monte Carlo orchestra.

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Concert master of the Cincinnati Symphony orchestra and famous violinist, is Emil Heerman, whose Wednesday evening concerts have attracted the attention of music lovers to the ten o'clock hour of WLW. Associated with him are Walter Heerman, cellist; Thomie Prewitt Williams, pianist, and Melville Ray, tenor.

WOO Philadelphia, Pa. (508.2m-590kc) 2:30 p. m. Sunday School musical exercises; 6, organ recital, Clarence K. Bawden, 7:30, service.

WPG Atlantic City, N. J. (299.8m-1000kc) 3:15 p. m. organ recital, Arthur Brook; 4:15, community vocal and instrumental recital; 5:30, concert; 9, news; 9:15, concert orchestra; 10, Sunday evening concert.

WRC Washington, D. C. (468.5m-640kc) 11 a. m. service; 4 p. m. chapel; 6:50, vespers; 7:20, WEAF; 9:15, WEAF.

WSAI Cincinnati, Ohio (325.9m-920kc) 11 a. m. Presbyterian church; 3:45 p. m. chimes; 4-5:30, WEAF; 8, sermonette; 9:15-10:15, WEAF.

WSKC Bay City, Mich. (260.7m-1150kc) 11-12 noon services.

WTAG Worcester, Mass. (545.1m-550kc) 7:20 p. m. WEAF; 9:15, WEAF.

WTAM Cleveland, Ohio (389.4m-770kc) 11 a. m. service; 3 p. m. musicale; 6, Hollenden hotel orchestra; 7, Stillman theater orchestra; 8, services; 9:15, WEAF; 10:15, Austin Wylie's Vocation Recording orchestra.

WWJ Detroit, Mich. (352.7m-820kc) 10 a. m. service; 3:30 p. m. Detroit News orchestra; 7:20, WEAF; 9:15, WEAF.

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 11 a. m. Wesley church; 7-8:30 p. m. First English Lutheran church; 9-10, Royal Alexandre hotel.

KFAB Lincoln, Neb. (340.7m-880kc) 9-10:30 p. m. Sunday evening musicale.

KFNF Shenandoah, Iowa (461.3m-650kc) 10:45 a. m. services; 2:30 p. m. Seed House song service; 3, headliner; 6:30, Golden Rule Circle; 7:30, services.

KLDS Independence, Mo. (440.9m-680kc) 8:30 a. m. Bible study; 11, Stone church; 3 p. m. Radio church; 6:30, vespers; 9:15, studio service.

KMA Shenandoah, Iowa (461.3m-650kc) 4-5 p. m. sacred program.

KMOX St. Louis, Mo. (280.2m-1070kc) 9 p. m. Sunday night club; 10:30-12, ballroom.

KOIL Council Bluffs, Iowa (305.9m-980kc) 11 a. m. First Congregational church; 7, children's hour; 7:30, program; 11, Paramount orchestra.

KPRC Houston, Texas (299.8m-1000kc) 7:30 p. m. church service; 9:30, evening concert; 11, Texan theater pipe organ.

KSO Clarinda, Iowa (405.2m-740kc) 11 a. m. M. E. church.

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 11 a. m.-12:15 p. m., service; 9-9:45, Meyer Davis ensemble, classic hour concert; 9:45-10:30, Lawson Reid, organist; 10:30-11:30, Arkansas Traveler Radio Train.

KVOO Bristow, Okla. (374.8m-800kc) 1-2 p. m. Walter Schoggan, Doris Kintner; 5-6, Gospel hour; 6-7, Sophia Osina, pianist; 7-9, services; 12-1, Melody Boys.

KYW Chicago, Ill. (535.4m-560kc) 11 a. m. Central church service; 4:30 p. m. Edwin Harper; 7-8:30, Sunday evening club; 9:30-11, classical concert.

WBAP Fort Worth, Texas (475.9m-630kc) 11 a. m. First Methodist; 5-6 p. m. vesper services, Baptist seminary; 9:30-11, Sorin-White Texas hotel orchestra.

WBBM Chicago, Ill. (226m-1330kc) 8 p. m. Coon-Sanders Night Hawks; 9-12, frolic; 12, Nutty club; Coon-Sanders orchestra.

WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 10:50 a. m. services; 4:10 p. m. House of Hope Presbyterian church; 6:20, Second Church of Christ, Scientist; 8:15, WEAF; 9:15, musical program, Chippewa Indians; 10, St. Paul Municipal organ recital, Hugo Philler Goodwin.

WCFL Chicago, Ill. (491.5m-610kc) 4 p. m. Lutheran church; 7:45, Belden Avenue Baptist church.

WDAF Kansas City, Mo. (365.6m-820kc) 3-4 p. m. Star's orchestra; 4-4:45, vespers.

WEBH Chicago, Ill. (370.2m-810kc) 10:35 a. m. Seventh Church of Christ Scientist; 5-6 p. m. twilight musicale; 7-9, artists' program.

WEMC Berrien Springs, Mich. (315.6m-950kc) 11 a. m. studio sacred services; 8:15 p. m. chapel.

WENR Chicago, Ill. (265.3m-1130kc) 2-3 p. m. chapel hour of music; 3-4, classical program; 9:30-12, All-American Pioneers.

WFAA Dallas, Texas (475.9m-630kc) 6-7 p. m. Bible class; 7:30-8:30, services; 8:30-9:30, artists; 11-12, orchestra.

WGBF Evansville, Ind. (236.1m-1270kc) 7:30 p. m. services.

WGN Chicago, Ill. (302.8m-990kc) 6:45-7 p. m. Blackstone string quintet, solo artists; 7, The Million Sing; 7:20, Old Fashioned Almanack; 7:30, Drake concert ensemble; Correll and Gosden; 8, Auld Sandy; 8:15, WEAF; 9:15, Our Music Room; 10, Sam 'n' Henry; 10:10, Armand Buisseret, violinist; 10:20, Bible reading; 10:25, piano.

WHAD Milwaukee, Wis. (275.1m-1090kc) 3:15 p. m. Turnverein concert.

WHAS Louisville, Ky. (399.8m-750kc) 10 a. m. services; 4:30-5:30 p. m. choral evensong.

WHB Kansas City, Mo. (365.6m-820kc) 9:40 a. m. Linwood Blvd. Christian church; 11:10-12:30, Independence Blvd. Christian church; 7-7:45, Dr. Burris A. Jenkins; 8-9, Westport Methodist church; 11:15-1, Morrill Moore, organist; Don Anchors, poet.

WHO Des Moines, Iowa (526m-570kc) 11 a. m. service; 5-6 p. m. Bankers Life Little symphony; 7:30-8:15, orchestra; 11-12, musical program.

WHT Chicago, Ill. (399.8m-750kc) 1-12 midnight, Paul Rader.

WJAZ Chicago, Ill. (329.5m-910kc) 4:30-9 p. m. Sunday evening concert.

WJJD Mooseheart, Ill. (370.2m-810kc) 7:45-8:45 a. m. Catholic services; 9:30-10:30, Protestant services; 1-2 p. m. Howard Peterson, organist; 2-2:30, Bible class; 2:30, Sacred song service; 3-4, popular concert; 4-5, Palmer House Sunday symphony orchestra.

WLIB Chicago, Ill. (302.8m-990kc) 5-6:15 p. m. Herbert Johnson, pianist; Leon Lichtenfeld, cellist; Tommy Coates, baritone; Blackstone string quintet.

WLS Chicago, Ill. (344.6m-870kc) 10:45 a. m. University of Chicago service; 12:15, Elsie Mae Look, organist; 1-1:30, trio; 1:30-2:30, chapel service; 6-8, WLS Little Brown church.

WMBB Chicago, Ill. (249.9m-1200kc) 3-6 p. m. Sunday afternoon concert; 7:40, church service; 9-11, Trianon orchestra, artists.

WMC Memphis, Tenn. (499.7m-600kc) 11 a. m. church service.

WOC Davenport, Iowa (483.6m-620kc) 1-2 p. m. old folks' musicale; 6:30-7, church service; 8:15-9:15, WEAF; 10-11, Palmer Little symphony.

WOQ Kansas City, Mo. (278m-1080kc) 11 a. m. Unity service; 7 p. m. evening service; 7:45, Grand Avenue Methodist church.

WORD Chicago, Ill. (275.1m-1090kc) 10 a. m. I. B. S. A. service; 2:30 p. m. Chicago Rapid Transit company program; 3:30, Bible lecture; 7, Webster hotel duo orchestra; 9, I. B. S. A. choral singers.

WOW Omaha, Nebr. (526m-570kc) 9 a. m. Omaha Gospel tabernacle; 1:30 p. m. Father Flanagan's Boys' home period; 6, Bible study; 9, chapel service.

WQJ Chicago, Ill. (447.5m-670kc) 10:45 a. m.-12:45 p. m. People's church; 5-6, musical program; 10-11, popular program; Rainbo Gardens orchestra; Jack Klein, Adelaide Kerkoff, Harry Geise.

WRR Dallas, Tex (245.8m-1220kc) 11 a. m. service; 8 p. m. service; 9:30, program.

WSB Atlanta, Ga. (428.3m-700kc) 5 p. m. sacred concert; 8, services.

WSBC Chicago, Ill. (288.3m-1040kc) 5-7 p. m. Sunday concert; 9-1, concert.

WSM Nashville, Tenn. (282.8m-1060kc) 10:30 a. m. service.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 10:30 a. m. church service; 3 p. m. afternoon musicale; 6:30, organ; 7:45, church service.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. Jack Smith's dance orchestra; 8-9, Aeolian organ recital; 9-10, Bob Bottger's Venetians; 10-11, Packard Six dance orchestra.

KFWB Hollywood, Calif. (252m-1090kc) 9-11 p. m. Warner Brothers Sunday night movie frolic.

KGO Oakland, Calif. (361.2m-830kc) 11 a. m. service; 2:45 p. m. symphony; 6:30-7:30, little symphony; 7:35, service; 9-10, symphony.

KGW Portland, Ore. (491.5m-610kc) 11 a. m. church; 7:30-9 p. m. church; 9-10, symphony orchestra.

KHJ Los Angeles, Calif. (405.2m-740kc) 7-8 p. m. service, First M. E. church; 8-10, Request program by Orpheus Four male quartet and Frederick MacMurray, viola soloist.

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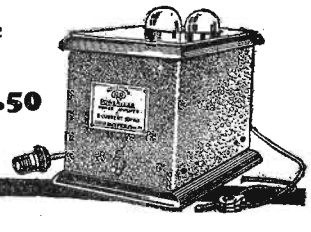
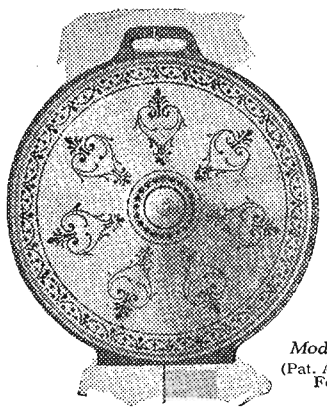


Windsor Wall or Table Type Cone Speaker Amazes Radio World



Model 210 (Pat. Applied For)

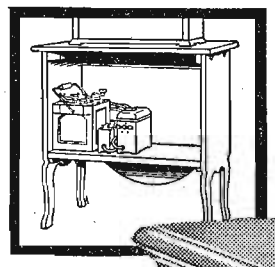
The latest model Windsor Cone Loudspeaker has astonished the world of radio. In convenience, quality of reception, and extremely low price, it far surpasses anything yet offered. The cone is 22 inches in diameter and is supported by an easel back. It can be hung up on the wall, as in the picture above, or stood upon any flat surface as shown in the picture below. It contains the famous Windsor loudspeaker unit noted for its extreme clarity and fidelity of reproduction.

Model 210 22-Inch Cone Loudspeaker with easel back. $15.00 (*West of Rockies, $18*) (Pat. Applied For)

Model 302 (Shown below) With Moulded Composition Horn Loudspeaker and 18-inch Cone Loudspeaker.

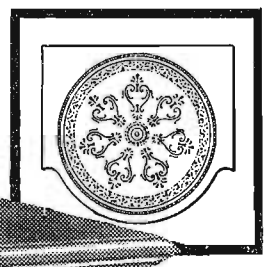
(Pat. Applied For)

In this Windsor Console is combined both the Windsor Moulded Composition Horn Loudspeaker and the 18-inch Windsor Cone Loudspeaker. The top is 30 in. x 17 in. and stands 29 in. high. Plenty of battery and equipment space is provided by large shelf in rear. Price, finished in Mahogany or Walnut $48.00 (*West of Rockies, $55*)



Rear view at left shows large compartment with ample space for batteries, battery charger, or battery eliminator, which are entirely concealed from view. Back is open for ventilation of batteries.

At right is shown the Cone Loudspeaker, with its panel, which is quickly and easily removable, allowing instant access to all batteries, battery charger, battery eliminator or other equipment and wiring.



Model 200

$29

Console with Cone Loudspeaker Ready for Set and Batteries (*West of Rockies, $35*)

(Pat. Applied For)
Model 200
with 22-inch Cone Loudspeaker

This Windsor Cone Loudspeaker Console is equipped with a 22-inch Windsor Cone Loudspeaker. Its top is 30 in. x 17 in. and is 29 in. high. The battery shelf provides ample space for batteries, charger, battery eliminator and other equipment. Beautifully finished in either Mahogany or Walnut.

This Is the Fastest Selling Line of *Loudspeakers and Loudspeaker Consoles* in the Radio World Today

Model 100 with Moulded Composition Horn Loudspeaker or 16-inch Cone Loudspeaker (Pat. Nov. 18, 1924)

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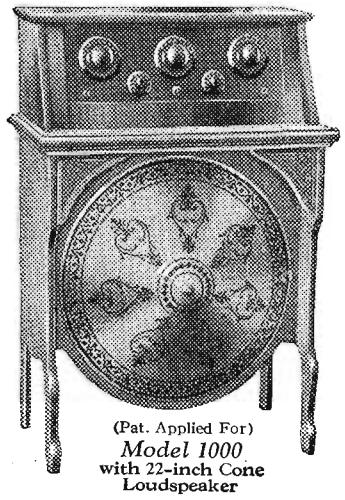
Above is shown a beautiful Windsor Loudspeaker Console, finished in either Walnut or Mahogany, which provides ample space on top for any radio set. The battery shelf beneath will accommodate all necessary equipment. Equipped with either Moulded Composition Horn or 16-inch Cone Loudspeaker. Size: 38 in. x 18 in., and 29 in. high. Price . . . . . $40.00 (*West of Rockies, $42.50*)

To the right is shown the newest Windsor Loudspeaker Console. It is equipped with a 22-inch Cone Loudspeaker and cabinet suitable for 7-in. radio panels up to 26 inches in length. Battery shelf provides ample space for all equipment. Beautifully finished in either Walnut or Mahogany. Price (without receiving set) . . $44.00 (*West of Rockies, $52.00*)

Note to Dealers: Write or wire today for details of the highly profitable Windsor line.



(Pat. Applied For)
Model 1000
with 22-inch Cone Loudspeaker

Electrical Department

WINDSOR FURNITURE COMPANY

1418 Carroll Avenue - CHICAGO, ILLINOIS

Los Angeles Branch—917 Maple Avenue

KMTR Hollywood, Calif. (370.2m-810kc) 6:30-7 p. m. Leila Castberg's half hour; 7-8, Cafe Lafayette string quartet; 8-10, classical program.

KNX Hollywood, Calif. (336.9m-890kc) 6:30 p. m. service; 8, orchestra; 9, feature.

KPO San Francisco, Calif. (428.3m-700kc) 6 p. m. States Restaurant orchestra; 6:35, Palace hotel concert orchestra; 8:35-10, Rudy Seiger's Fairmont hotel concert orchestra; 10-12, Trianon ballroom.

KPSN Pasadena, Calif. (315.6m-950kc) 10:30 a. m. Family Altar service, United Brotherhood.

Sunday, silent night for: CKAC, CKNC, CNRW, KFDY, KFXF, KLX, KMA, KOB, KSWC, KWWG, WAHG, WCFL, WCOA, WDAF, WEBJ, WFI, WGBF, WGHS, WGHP, WHAD, WHAS, WJJD, WJR, WLIT, WLWL, WMAQ, WMC, WNYC, WOI, WOO, WOOD, WOR, WSMB, WRVA, WSWS, WTIC.

MONDAY, JANUARY 3

Eastern	Central	Mountain	Pacific
6 p. m.	5	4	3

WGBS (315.6m-950kc) Sorey trio.

7:15	6:15	5:15	4:15

WTIC (475.9m-630kc) Helen Hudson.

7:30	6:30	5:30	4:30

KSO (405.2m-740kc) J. P. McElroy old time music.
WFAA (475.9m-630kc) Joe Baldwin, Jr., banjo-ukulele.

8	7	6	5

CHIC (356.9m-690kc) Amplion Little symphony.
WCOA (252m-1190kc) U. S. Naval air station band.
WGR (319m-940kc) Fredro singing society.
WTIC (475.9m-630kc) New Departure band.

8:30	7:30	6:30	5:30

WBAP (475.9m-630kc) song shop.

9	8	7	6

WCOA (252m-1190kc) W. V. Fauria, vocalist.
WJAR (485m-618kc) Colonial entertainers.
WLW (422.3m-710kc) Synchronized orchestra.
WRR (245.8m-1220kc) Corrinne Brignardello, soprano.

9:20	8:20	7:20	6:20

WCOA (252m-1190kc) Elizabeth Moreno, pianist.

9:30	8:30	7:30	6:30

KPRC (296.9m-1010kc) Dr. Earle J. Shay, tenor.
WHAD (275.1m-1090kc) Atlas quartet.
WRVA (256m-1170kc) Mary Patteson, artist ensemble.

9:45	8:45	7:45	6:45

KPRC (296.9m-1010kc) Richard Shannon, xylophonist.

9:50	8:50	7:50	6:50

WCOA (252m-1190kc) Dr. C. J. Heinberg, violinist.

10	9	8	7

KOIL (305.9m-980kc) "The Golden Wedding Gift," play.
WCCO (416.4m-720kc) Walter Mallory, tenor.

10:15	9:15	8:15	7:15

KOA (322.4m-930kc) Gems from light opera.
WHAD (275.1m-1090kc) Echoes from distant lands.

10:30	9:30	8:30	7:30

WBAP (475.9m-630kc) Grapevine fiddle band.
WRR (245.8m-1220kc) Radio Post No. 404, American Legion.

11:30	10:30	9:30	8:30

WBAP (475.9m-630kc) Lawrence Smith, pianist.

12	11	10	9

CHIC (356.9m-690kc) George H. Graham, organist.
KFI (467m-642kc) Loren Powell's Little symphony.
KOIL (305.9m-980kc) "Mose and Charley."

MONDAY, JANUARY 10
Headliners

Eastern	Central	Mountain	Pacific
7:30 p. m.	6:30	5:30	4:30

KSO (405.2m-740kc) concertina artist.

8	7	6	5

WCOA (252m-1190kc) 13th Coast Artillery band.

8:30	7:30	6:30	5:30

KPRC (296.9m-1010kc) Houstonians.
WBAP (475.9m-630kc) Northern Texas Traction company.
WGBF (236m-1270kc) Castle of Air program.

Eastern	Central	Mountain	Pacific
8:40 p. m.	7:40	6:40	5:40

WGBF (236m-1270kc) Gospel trio.

9	8	7	6

CHIC (356.9m-690kc) French Organdie orchestra.
WCOA (252m-1190kc) Mrs. George Turner, whistler.
WRR (245.8m-1220kc) Magnolia Dallas band.

9:15	8:15	7:15	6:15

WCOA (252m-1190kc) lilting melodies.

9:30	8:30	7:30	6:30

WHAD (275.1m-1090kc) Moments with old masters.

9:45	8:45	7:45	6:45

WCOA (252m-1190kc) Young Ladies chorus.

10	9	8	7

KTHS (374.8m-800kc) 10 p. m., folk songs of all nations.
WRVA (256m-1170kc) oratorio, Singers club.

10:15	9:15	8:15	7:15

KOA (322.4m-930kc) Greeley Philharmonic orchestra.
WCOA (252m-1190kc) Viscuso international trio.

10:30	9:30	8:30	7:30

KPRC (296.9m-1010kc) Harry Schmidt, violinist.
WBAP (475.9m-630kc) Crowley old time fiddlers.
WRR (245.8m-1220kc) Southern Melody chanters.

11:10	10:10	9:10	8:10

KTHS (374.8m-800kc) Natalie Arnoux, violinist.

11:30	10:30	9:30	8:30

WBAP (475.9m-630kc) Lawrence Smith, pianist.

12:30 a. m.	11:30	10:30	9:30

WCCO (416.4m-720kc) Elsie Thompson, organist.

Educational Features Monday

Eastern	Central	Mountain	Pacific
2:30 p. m.	1:30	12:30	11:30

WIAM (389.4m-770kc) Music appreciation.

5:15	4:15	3:15	2:15

WMAQ (447.5m-670kc) Radiophan's Guide to Music.

6	5	4	3

WGN (302.8m-990kc) "Correct English."

6:30	5:30	4:30	3:30

WNYC (526m-570kc) Elementary German lessons, V. H. Berlitz.

7	6	5	4

WDAF (365.6m-820kc) School of the Air.
WNYC (526m-570kc) Advanced German lessons.

7:15	6:15	5:15	4:15

WEAF (491.5m-610kc) Columbia University.

7:45	6:45	5:45	4:45

KDKA (309.1m-970kc) University of Pittsburgh. Jan. 3, "Hobbies," Dr. John G. Bowman.

7:55	6:55	5:55	4:55

WDBO (239.9m-1250kc) Rollins college.

8:30	7:30	6:30	5:30

WHAZ (379.5m-790kc) Educational address.
WSUI (483.6m-620kc) U. of Iowa courses.

9:30	8:30	7:30	6:30

KOB (348.6m-860kc) N. M. state college.

Regular Monday Features
Eastern Time Stations

CFCA Toronto, Can. (356.9m-840kc) 6:15 p. m. dinner concert; 7:15, organ recital, Clifford McCormick.

KDKA Pittsburgh, Pa. (309.1m-970kc) 8 p. m. feature; 9, light opera.

WABC New York, N. Y. (315.6m-850kc) 7:30-10 p. m. program.

WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m. dinner orchestra; 7:30-8, organ recital, Frederick Weaver; 8-9, musical program; 9:10-10, ensemble; 10-11, concert, Roberta Glanville, soprano; Helene Broemer, cellist; George Bolek, pianist; 11-12, dance orchestra.

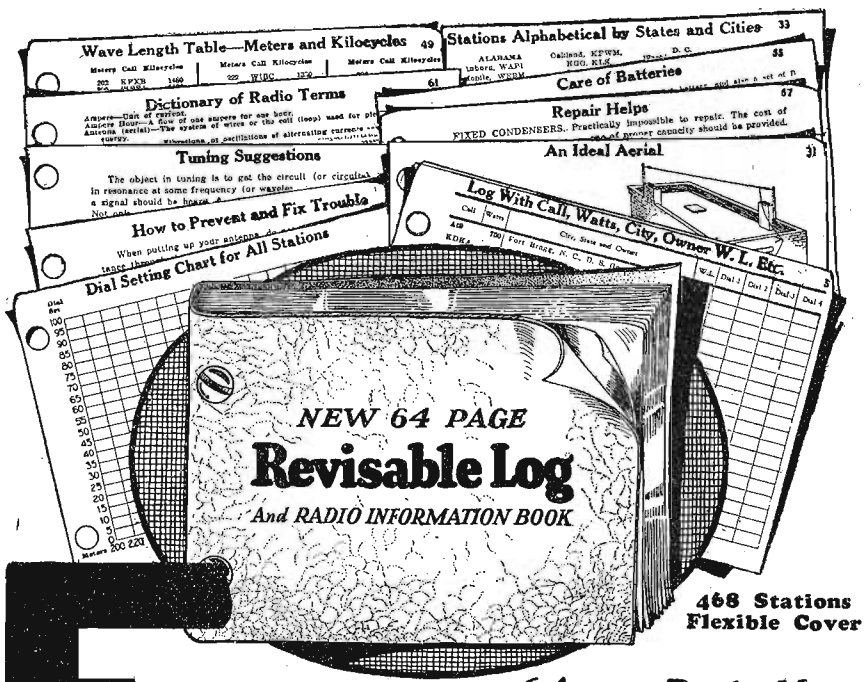
WBZ Springfield, Mass. (333.1m-900kc) 7 p. m. organ; 7:30, talk; 8, orchestra; 8:30, trio; 9, band; 9:30, feature; 10:03, music.

WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. William Penn hotel orchestra; 7:45, talks; 8, dance music; 9-11, WEAF; 11, Zez Confrey's orchestra.

WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg recital; 8, Skiler's Skylarks; 8:25, recital; 8:45, Merry Minstrels; 9:30, trio; music; 10:30, Parodians' dance orchestra.

WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. dinner program, Goldkette ensemble; 8, studio program.

WDBO Winter Park, Fla. (239.9m-1250kc) 8:55 p. m. citrus talk; 9:10, musicale.



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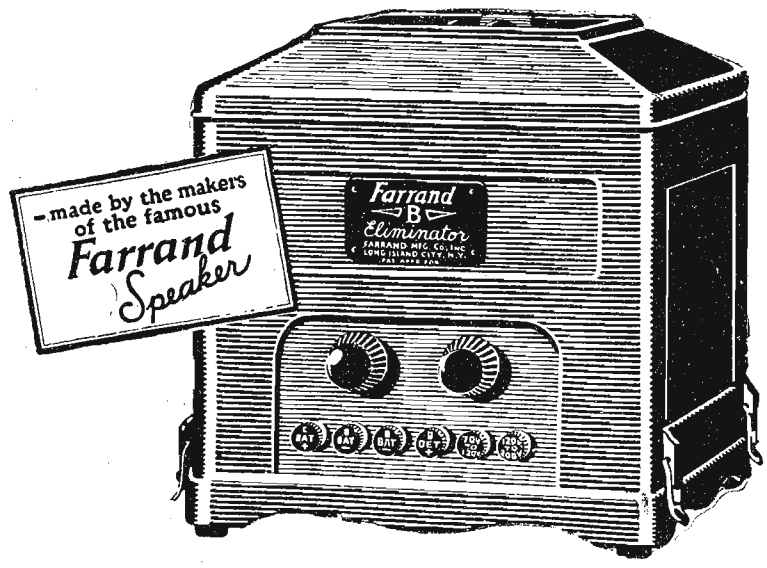

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FARRAND MFG. CO., INC. · LONG ISLAND CITY, N. Y.

Pretty, which is enough for some girls, Auriole Craven, above, sings, dances and plays the violin at the Rainbo Gardens nightly. Her voice may be heard over WQJ.

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music (regular); 7, music; 7:15, Columbia University talk; 7:30, House of Myths; 8:15, talk; 9 A. & P. Gypsies, WEEI, WJAR, WRC, WCSH, WCAE, WTAM, WLIT, WWJ, WDAF, WSAI (regular); 10, WEAF Grand opera company, WJAR, WCCO, WCAE, WCSH, KSD, WDAF, WSAI, WLIT; 11, Rolie's Palais D'Or orchestra.

WEEI Boston, Mass. (348.6m-860kc) 6:45 p. m. Big Brother club; 8, book talk; 9-10, WEAF; 10, music.

WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. Adelphia French Room orchestra.

WGBS New York, N. Y. (315.6m-950kc) 6 p. m. trio.

WGHB Clearwater, Fla. (265.3m-1130kc) 8 p. m. story lady; 8:29, reports; 8:30, studio program; 10:30-12, dance program.

WGHP Detroit, Mich. (270.1m-1110kc) 6-8 p. m. dinner concert, Hotel Tuller; 8-8:30, Little symphony orchestra; 8:30-9:30, famous composer's hour; 9:30-10, Astringosoloists.

WGR Buffalo, N. Y. (319m-940kc) 6:30-7:30 p. m. dinner music; 8:30, musicale; 9-10, dance program, WQJ; 11-1, supper music.

WGY Schenectady, N. Y. (379.5m-790kc) 6:30 p. m. dinner music, Hotel Van Curler.

WHAZ Troy, N. Y. (379.5m-790kc) 8-12 mid., music, talks.

WHK Cleveland, Ohio (272.6m-1100kc) 7-9 p. m. specialty night; 9-10, studio concert; 10-10:30, Whozit; 10:30-11:30, Melody Masters.

WHN New York, N. Y. (361.2m-830kc) 6:30 p. m. WHN Radio Movie club; 7:30, Melody bandbox; 8:30, Roseland dance orchestra; 10:30, orchestra; 11, entertainers; 11:30, Cotton Club orchestra; 12, Silver Slipper orchestra.

WICC Bridgeport, Conn. (232.4m-1290kc) 7 p. m. kiddies' story; 7:30, studio program; 9, theater presentation.

WIP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; dancing lessons.

WJAX Jacksonville, Fla. (336.9m-890kc) 7-7:30 p. m. Hotel Carling dinner music; 8-9, popular program; 9-10, classical music; 11-12, Arcade theater.

WJR Detroit, Mich. (516.9m-580kc) 7 p. m. Jean Goldkette's Petite symphony orchestra, soloists; 7:15, Caspar Lingeman entertainers; 7:45, Good Will Oakland and Chief Pontiac; 9, studio program.

WJZ New York, N. Y. (454.3m-660kc) 7 p. m. Hotel Commodore concert orchestra; 7:55, John B. Kennedy; 8, Markel's dance orchestra; 8:30, Willys Overland; 9:30, Thayer West Point Cavaliers; 10:30, Waldorf-Astoria grill dance orchestra.

WKRC Cincinnati, Ohio (422.3m-710kc) 6:15 p. m. Hotel Alms orchestra; 8, musicale.

WLIT Philadelphia, Pa. (394.5m-760kc) 7:55 p. m. Salicon weatherman; 8, WEAF; 10, WEAF; 11, dance orchestra.

WLW Cincinnati, O. (422.3m-710kc) 7 p. m. Robert Visconti's orchestra; 7:40, Visconti's orchestra; 8, program; 10, musicale; 11, studio program.

WLWL New York, N. Y. (288.3m-1040kc) 8 p. m. musicale; 8:30, McEvoy concert; 9, question box; 10, music.

WMAK Buffalo, N. Y. (265.5m-1130kc) 6:15 p. m. dinner music; 7:30, dance program; 8:30, travelog.

WMCA New York, N. Y. (340.7m-880kc) 7-11 p. m. club.

WNYC New York, N. Y. (526m-570kc) 6 p. m. Piano selections; 6:20, piano selections.

WOO Philadelphia, Pa. (508.2m-590kc) 11 a. m. Organ recital; 12:02 p. m. Tea Room orchestra; 5:15, organ recital; 7:30, Sylvania dance orchestra; 8, organ recital, Mary E. Vogt; 8:30, address, Rev. Forest E. Dager; 9, concert; 10:30, Sam Brown's dance orchestra.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 8:45, N. Y. U.; 9, musicale; 11, Jascha Guerwich's dance orchestra.

WPG Atlantic City, N. J. (299.8m-1000kc) 7:15 p. m. Arthur Brook, organist; 7:30, Hotel Morton dinner music; 8:05, Hotel Shelburne dinner music; 8:30, program; 9, program; 10:30, music; 11, dance orchestra.

WRC Washington, D. C. (468.5m-640kc) 7 p. m. dinner music; 8, Emerson hour; 9, to be announced; 10, WEAF; 11-12, Loew's Palace theater.

WRVA Richmond, Va. (256.3m-1170kc) 8:15, Evening program; 9, "Virginia Folk Lore," Dr. Douglas S. Freeman; 9:10, music; 11, Hotel Richmond Winter Garden orchestra.

WSAI Cincinnati, Ohio (325.9m-920kc) 6:45 p. m. quintet; 7:30-11, WEAF; 11, dance music.

WSKC Bay City, Mich. (260.7m-1150kc) 9-11 p. m. dance music.

WTAG Worcester, Mass. (545.1m-550kc) 7:15 p. m. program to be announced.

WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. Guy Lombardo's Royal Canadians; 7, Allen Theater orchestra; 8, orchestra; 9, WEAF; 10, Willard concert orchestra; 11, Emerson Gill and Bamboo Garden orchestra.

WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Mother Goose; 6:30, Hotel Bond trio; 7, program; 11, Walter Dawley, organist.

WWJ Detroit, Mich. (352.7m-850kc) 6 p. m. Dinner concert; 8, musical program; 9, WEAF.

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 8:30-9 p. m. Studio program; 9-10, Stewart Warner concert; 10-11, Reliable battery hour; 11-12, Capitol theater revue.

KFAB Lincoln, Nebr. (340.7m-880kc) 5:30-6:30 p. m. Hotel Lincoln orchestra; 8:30-10:30, musicale.

KFNF Shenandoah, Iowa (461.3m-650kc) 7 p. m. Seed concert; 11, old time music.

KMA Shenandoah, Iowa (461.3m-650kc) 9-11 p. m. Farnham trio.

KMOX St. Louis, Mo. (280.2m-1070kc) 6 p. m. Organ; 6:30, quartet; 7, quartet; 8, quartet; 9, soloists; 10:15, orchestra; 12-1, orchestra.

KOIL Council Bluffs, Iowa (305.9m-980kc) 7:03 p. m. Hotel Lassen program, Don Hill and his ukulele; 7:30, musicale; 8, program; 9, play; 10, Crosley hour; 11, program.

KPRC Houston, Texas (299.8m-1000kc) 7:30 p. m. Houstonians; 8:30, concert; 9, studio concert.

KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. old-time music.

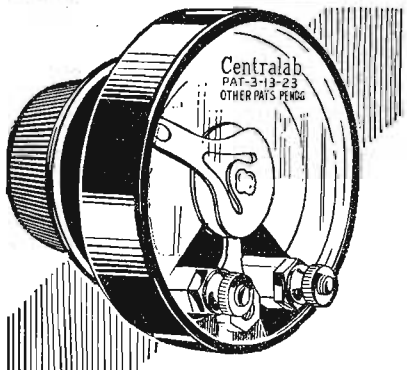
KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-11:20 p. m. musicale.

KVOO Bristow, Okla. (374.8m-800kc) 6-7 p. m. Warner trio; 7-8, quartette; 8-9, Luckey's orchestra; 12, Earl Thurston, organist.

WBAP Fort Worth, Texas (475.9c-630kc) 7:30-8:30 p. m. Classical concert; 9:30-11, old time music; 11-12, midnight musicale.

WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 6:15 p. m. St. Paul hotel orchestra; 8, U. of Minn.; 9, Vagabonds; 10:10, dance program; 11:30, organ, Elsie Thompson.

WCOA Pensacola, Fla. (252m-1190kc) 6:30 p. m. WCOA happiness period.



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It does if your "snap" judgment is good! Because good reception demands lively batteries. And that's what you get when you snap on your Rectigon to do your charging. The time to start bringing in tomorrow's snappy program is tonight—after the last station signs off. You just plug into the light socket and attach the terminals. That keeps your batteries at their peppy best. That saves service station bother. And you'll never be caught with batteries run down, or absent for charging when the week's best program is on the air.

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The Westinghouse Rectigon Battery Charger

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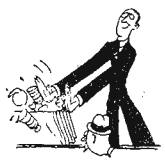
No noise as it charges—not a bit of fuss. Not even a murmur that would disturb the mildest slumber.

No acids, no chemicals—no moving parts—nothing to spill or burn. No muss, no worry. You'll have no spoiled rugs, no ruined clothing.



Saves its cost in short order—Count the dollars spent in a few trips to the service station and you'll hotfoot it for a Rectigon, for the good it does your pocketbook as well as your batteries.

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Perfect safety for your set—If you tune in while you're charging there'll be no harm either to set or batteries. Nor will batteries be discharged if anything happens to the current while your Rectigon's attached.

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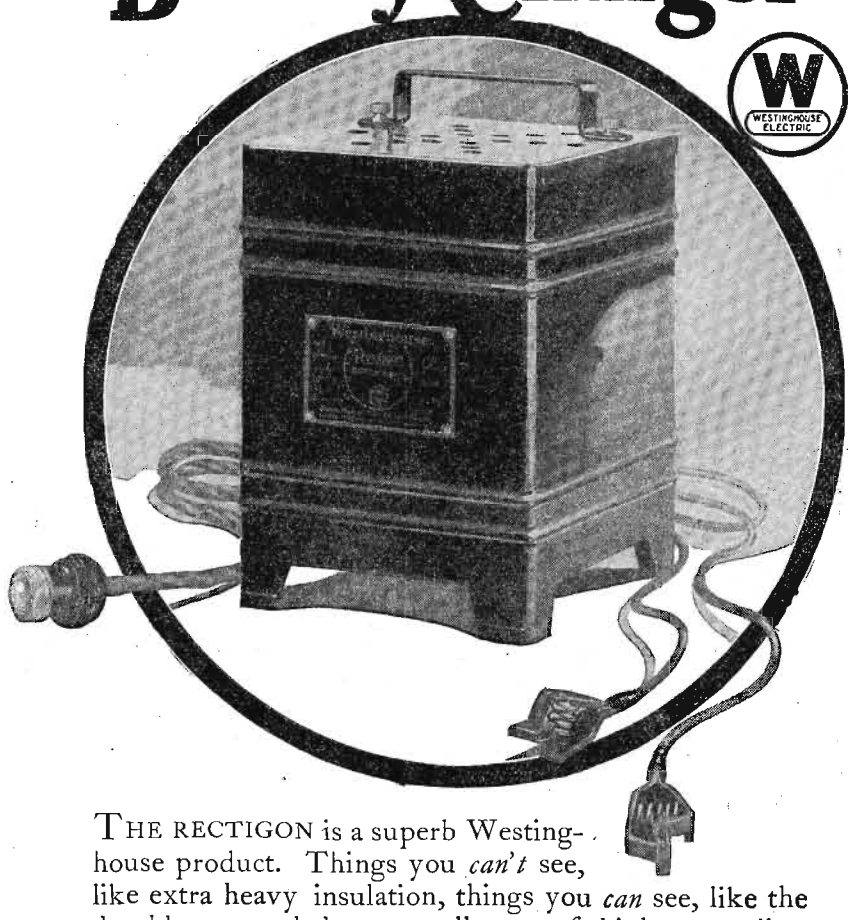

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WESTINGHOUSE ELECTRIC & MANUFACTURING CO.
Tune in on KDKA - KYW - WBZ - KFKX

WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. School of the air; 8-9, WEAF; 9-10, WEAF; 11:45-1 Nighthawk frolic.
WEMC Berrien Springs, Mich. (315.6m-950kc) 8:15 p. m. Lighthouse Music Makers.
WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30 orchestra; 8:30-9:30, Sears-Roebuck Agricultural Foundation program.
WGBF Evansville, Ind. (236m-1270kc) 7 p. m. radiograph; 7:20, children's program; 7:40, Gospel trio; 8, studio program; 9, orchestra.
WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. organ recital; 8:30, headliner; 9:15, old favorite hour, strong trio; 9:45, popular program.
WHB Kansas City, Mo. (365.6m-820kc) 7 p. m. Sweeney Radio orchestra.
WHO Des Moines, Iowa (526m-570kc) 7:30-8 p. m. music; 8-9, dance orchestra; 11-12, dance program.
WLS Chicago, Ill. (344.6m-870kc) 5:40 p. m. Al Melgard, organist; 6, supperbell program; 6:40, Maurie Sherman's College Inn orchestra.
WMC Memphis, Tenn. (499.7m-600kc) 8:30 p. m. Britling Melody Makers.
WOOD Grand Rapids, Mich. (241.8m-1240kc) 9 p. m. popular program; 9:30, band; 9:45, Wood Revelers; 10, Woods, Whozit; 10:10, piano recital; 10:20, specialty; 11, air mail hour; 12, woodpile.
WOQ Kansas City, Mo. (278m-1080kc) 6:15 p. m. Unity Inn orchestra.
WOS Jefferson City, Mo. (440.9m-680kc) 7:30 p. m. Missouri music appreciation contest; 8, program.
WOW Omaha, Nebr. (526m-570kc) 6 p. m. Joe Bauer and his Highway Gardens orchestra; 6:50, classical; 9, Nash-Finch orchestra.
WRR Dallas, Tex. (245.8m-1220kc) 6 p. m. music; 8, band; 9:30, frolic.
WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. Sears Roebuck program; 10:45, program.
WSMB New Orleans, La. (319m-940kc) 8:30 p. m. dance night; 11:30, Radio varieties.
WSOE Milwaukee, Wis. (245.8m-1220kc) 7 p. m. program; 8, Whozit.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 8 p. m. Scheuerman's Colorado orchestra; 8:15, studio program.
KOB State College, N. M. (348.6m-860kc), 7:30 p. m. State College orchestra.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. Owen Fallon's Californians; 8-9, popular program; 9-10, program, Walter M. Murphy Motors Co.; KPO; 10-11, program by Meiklejohn Brothers.
KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 7:50, news; 9-10, program; 10-11, Warner Br. frolic.
KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Bem's Little symphony; 8-9, Gondoliers; 9, "Chats about New Books," Joseph Henry Jackson.
KGW Portland, Ore. (491.5m-610kc) 7:45-8 p. m. talk; 8-9, vaudeville; 10-12, dance music.
KJR Seattle, Wash. (384.4m-780kc) 6:30 p. m. dinner hour; 8-8:30, program; 8:30-10 program.
KLX Oakland, Calif. (508.2m-590kc) 8-9 p. m. Studio program, Piggly Wiggly company; 9-10, Lake Merritt Ducks.
KMTR Hollywood, Calif (370.2m-810kc) 8-10, program; 10-12, Palais de Danse.
KNX Hollywood, Calif. (336.9m-890kc) 7:30 p. m. playlet; 8, program; 9, feature; 10, Alexandria hotel orchestra; 11, frolic.
KPO San Francisco, Calif. (428.3m-700kc) 6:30-7 p. m. States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel concert orchestra; 8-9, music; 9-10, Gypsy and Marta; 10-11, Mandarin cafe orchestra; 11-12, variety hour.
KWSC Pullman, Wash. (348.6m-860kc) 7:30 p. m. Students concert.

Monday, silent night for: CFCA, CKAC, KFDM, KFDY, KGO, KHJ, KLDS, KPSN, KYW, PWX, WBBM, WCBD, WCFL, WEBH, WEBJ, WENR, WFI, WGBF, WGBS, WGES, WGN, WGY, WHAS, WHT, WIBO, WIP, WJAZ, WJJD, WLIB, WLS, WMAQ, WMBB, WOAI, WOC, WOK, WORD, WQJ, WSAI, WSWS.

TUESDAY, JANUARY 4

Headliners

Eastern	Central	Mountain	Pacific	
7 p. m.	6	5	4	
				WEAF (491.5m-610kc) Fox and Tucker, violinist.
				WEBJ (272.6m-1100kc) Elite orchestra.
				WLW (422.3m-710kc) American composer series.
				WRR (245.8m-1220kc) Texas Nite Owls.
7:15	6:15	5:15	4:15	
				WHAD (275.1m-1090kc) Myrtle Kramer, violinist.
7:30	6:30	5:30	4:30	
				WFAA (475.9m-630kc) Johnye Davis, pianist.
7:30	6:30	5:30	4:30	
				WTIC (475.9m-630kc) Fields Blue Boys.
7:45	6:45	5:45	4:45	
				WEBJ (272.6m-1100kc) Tindaro Cicero, tenor.
8	7	6	5	
				WRNY (374m-802kc) Dedicated to the Heroes, Overture to Egmont, Ludwig Von Beethoven; Marche Funebre from Eroica Symphonie, Ludwig Von Beethoven; Entry of the Boyars, Johann Halvorsen; War March of the Priests, Felix Mendelssohn; March Militaire, Franz Schubert; Marche Slave, Peter Tschaikowsky.
				WTIC (475.9m-630kc) McCoy's Music Masters.
8:15	7:15	6:15	5:15	
				WEBJ (272.6m-1100kc) Joseph Zablow, baritone.
8:30	7:30	6:30	5:30	
				KPRC (296.9m-1010kc) Kensington Hall orchestra.
				WBAP (475.9m-630kc) Wagoner Hawaiian trio.
				WEBJ (272.6m-1100kc) Alamo dance orchestra.
				WHAS (399.8m-750kc) Carl Zoeller's Melodists.
				WOC (483.6m-620kc) Silver King orchestra.
9	8	7	6	
				WCBD (344.6m-870kc) Brass quartet.
				WLW (422.3m-710kc) Formica orchestra.
10:30	9:30	8:30	7:30	
				WBAP (475.9m-630kc) CC's concert ensemble.
10:35	9:35	8:35	7:35	
				KPRC (296.9m-1010kc) Earl McMahan's orchestra.

TUESDAY, JANUARY 11

Headliners

Eastern	Central	Mountain	Pacific	
7 p. m.	6	5	4	
				WEAF (491.5m-610kc) William Lawlor, baritone.
				WRR (245.8m-1220kc) Marguerite Fifer and her orchestra.
7:45	6:45	5:45	4:45	
				WEBJ (272.6m-1100kc) Dorothy Eisenstadt, soprano.
8	7	6	5	
				WRNY (374m-802kc) Laugh and the World Laughs, Overture to the Secret of Suzanne, Ermanno Wolf-Ferrari; Melody of Gilbert and Sullivan Gems; Die Fledermaus, Johann Strauss; comic opera artist; carnival of Venice, David Robinson, violinist; Dance of the Clowns, Vladimir Rebikov; Danse Chinoise, Peter Tschaikowsky; Marche Joyeuse, Emanuel Chabrier.
8:15	7:15	6:15	5:15	
				WEBJ (272.6m-1100kc) Carl Corbalis, baritone.
8:30	7:30	6:30	5:30	
				WBAP (475.9m-630kc) Hawaiian trio.
				WEBJ (272.6m-1100kc) Bert McGrath, songs.
9	8	7	6	
				WHAS (399.8m-750kc) Eddie Rosson and his orchestra.
				WRR (245.8m-1220kc) Harry Sory's entertainers.

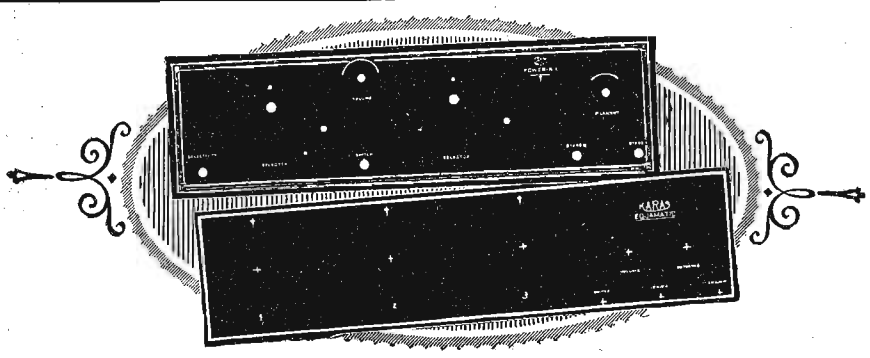
Educational Features Tuesday

Eastern	Central	Mountain	Pacific	
6 p. m.	5	4	3	
				WGN (302.8) Spanish lesson.
6:30	5:30	4:30	3:30	
				WNYC (526m-570kc) Elementary Italian lessons.
7	6	5	4	
				KVOO (374.8m-800kc) University of Tulsa.
				WDAF (365.6m-820kc) School of the Air.
				WNYC (526m-570kc) Advanced Italian lessons.
				WTIC (475.9m-630kc) Trinity college course.
7:10	6:10	5:10	4:10	
				WEAF (491.5m-610kc) Columbia university.
7:30	6:30	5:30	4:30	
				KSAC (340.7m-880kc) College of the Air. Sociology.
				WEEI (348.6m-860kc) Jan. 4, John A. Cousens, Pres. of Tufts; Jan. 11, Ada Comstock, Pres. of Radcliffe college.
7:45	6:45	5:45	4:45	
				KDKA (309.1m-970kc) U. of Pittsburgh, Jan. 4, "Gold," E. G. Hill.
8	7	6	5	
				KSAC (340.7m-880kc) Jan. 4, "The Duckbill, Kangaroo and Opossum," Dr. Nabours; Jan. 11, "Fur Bearing Animals," Earl Herrick.
9:10	8:10	7:10	6:10	
				WMAQ (447.5m-670kc) University of Chicago.
10	9	8	7	
				WMAQ (447.5m-670kc) Glimpses into foreign service.
				WJZ (454.3m-660kc) WGY (379.5c-790kc) Cook's tours.
10:30	9:30	8:30	7:30	
				KFMX (336.9m-890kc) Jan. 4, "The Transmission of Disease;" Jan. 11, "Disinfection."

Regular Tuesday Features

Eastern Time Stations

CKAC Montreal, Que., Can. (410.7m-730kc) 7:15 p. m. dinner concert; 8:15, hop; 9:30, bridge; 10:30, dance program.
KDKA Pittsburgh, Pa. (309.1m-970kc) 8 p. m sacred song concert; 8:45, gems from American literature; 9, musicale; 11:35, Grand theater.
PWX Havana, Cuba (399.8m-750kc) 8:30-11:30 p. m. program.
WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m. dinner orchestra; 7:30-8, quartet; 8-9, trio; 9-9:30, Jubilee singers; 9:30-10, violin and piano recital; Michael Weiner, violinist; LeRoy Evans, pianist; 10-11, Municipal band of Baltimore; 11-12, dance orchestra.



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ADDED to the list of handsomely Veri Chromed Formica kit panels are now the Bremer Tully Power Six, Karas Equamatic front and sub panels, H. F. L. Nine in Line Superheterodyne with sub panel, Victoreen Universal single dial control. There are also Infradyne 7 x 28, and 7 x 30, Aerodyne, St. James 8 Tube, Bremer Tully Counterphase, Browning Drake National, Madison Moore Superheterodyne, Camfield Duoformer. They are sold by leading jobbers and dealers.

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The Layerbilt patented construction revealed. Each layer is an electrical cell, making automatic contact with its neighbors, and filling all available space inside the battery case.

Eveready Layerbilt "B" Battery No. 486, the Heavy-Duty battery that should be specified for all loud-speaker sets.

Practical tests prove this new product to be the most economical of "B" batteries

IN DAILY use in the home, Eveready Layerbilt "B" Battery No. 486 has fulfilled the promises made for it in laboratory tests. More than a year's study of the performance of this battery in the hands of the public has shown that it is the most satisfactory and most economical "B" battery ever developed. All loud-speaker sets require Heavy-Duty batteries — and the Layerbilt has proved itself absolutely the best of them all.

If you are now using the smaller, Light-Duty batteries, the Eveready Layerbilts will give you twice the service, though they do not cost anything like twice as much. If you are already using Heavy-Duties, the Layerbilt, the longest lasting Heavy-Duty ever built, will run your set at least 25% longer, and again you will save money. Unless Eveready Layerbilts are connected to your set, you are spending more on "B" batteries than you should, and you can have no idea how good a "B" battery can be.

Eveready Layerbilt's unequaled service is due to its unique construction. All other dry cell "B" batteries are made of cylindrical cells, with many soldered connections, and a great deal of space is wasted between the cells. The Layerbilt is built up of layers of *flat* current-producing elements, that make connection with each other automatically, and that fill all available space inside the battery case. It is every inch a battery. In it you get more active materials than in any other battery and the Layerbilt construction makes those materials more efficient.

Those are the reasons why the Eveready Layerbilt has proved itself the longest lasting, most economical and reliable "B" battery ever built.

Just remember this about "B" batteries—Heavy-Duty batteries are more economical than the smaller Light-Duty batteries on all loud-speaker sets, and the patented exclusive Eveready Layerbilt No. 486 is the most economical of all.

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WJAR–*Providence*
WEEI–*Boston*
WTAG–*Worcester*
WFI–*Philadelphia*
WGR–*Buffalo*
WCAE–*Pittsburgh*
WSAI–*Cincinnati*
WTAM–*Cleveland*
WWJ–*Detroit*
WGN–*Chicago*
WOC–*Davenport*
WCCO–*Minneapolis, St. Paul*
KSD–*St. Louis*
WRC–*Washington*

WBBR New York, N. Y. (416.4m-720kc) 8 p. m. program.
WBZ Springfield, Mass. (333.1m-900kc) 7 p. m. organ; 7:30, features; 10:20, orchestra.
WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dinner concert; 7:45, talks; 8, WEAF; 8:30, feature; 9, WEAF; 10, bridge; 10:30-1, orchestras.
WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg instrumental trio; 8:15, Gurnse Buttermaker; 8:30, recital; 9, Montbard Follies; 9:30, Robert Fraser, blind gospel singer; 10, Prof. Doolittle; 10:05, Chapman Elgart Syncopators; 10:15, tenor; 10:30, Cathay dance orchestra.
WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. dinner program, Goldkette ensemble; 10, Red Apple club.
WDBO Winter Park, Fla. (239.9m-1250kc) 8, Rollins conservatory trio; 9:20, bridge.
WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, headliner; 7:10, talk, Columbia University; 7:30, Great Moments in History; 8, The Vikings, WEEI, WFI, WCAE, WWJ, WGR, WTAM, WSAI, WJAR, WTAG, WOC, WCCO, WCSH, KSD; 8:30, Jolly Buckeye Bakers, WEAF, WTAG, WFI, WTAM, WWJ, WSAI, KSD, WLIB, WCCO; 9, Eveready hour, WEAF, WEEI, WFI, WTAG, WJAR, WGR, WCAE, WTAM, WWJ, WSAI, WGN, WOC, WCCO, KSD, WRC; 10, auction bridge instruction, WEAF, WEEI, WCSH, WTAG, WJAR, WGR, WCAE, WTAM, WFI, WWJ, WSAI, WGN, WOC, WCCO, KSD; 10:30, orchestra, WFI, WWJ, WCAE, WGR, WTAM, WCSH; 11:30, orchestra.
WEAO Columbus, Ohio (293.9m-1020kc) 7:45 p. m. musicale.
WEEI Boston, Mass. (348.6m-860kc) 7:30 p. m. intercollegiate broadcast; 7:45, musicale; 8-8:30, WEAF; 8:30, musicale; 9-10:30, WEAF.
WFI Philadelphia, Pa. (394.5m-760kc) 6:45, Adelphia dance orchestra; 8, WEAF; 8:30, WEAF; 9, WEAF; 10, Moment Musicale; 10:30, orchestra.
WGBS New York, N. Y. (315.6m-950kc) 7:20 p. m. Arrowhead Inn concert orchestra; 8:10, talk; 8:30, musicale; 10:30, Arrowhead Inn dance orchestra.
WGHB Clearwater, Fla. (265.3m-1130kc) 7 p. m. dinner music; 8:30, Bakers; 10:30-12, dance program.
WGY Schenectady, N. Y. (379.5m-790kc) 6:30 p. m. dinner program, Ten Eyck hotel; 7:45, artist; 8, WJZ; 9, musicale; 10, WJZ; 10:30-11:30, WMAK.
WHK Cleveland, Ohio (272.6m-1100kc) 6-7:30 p. m. Hotel Statler orchestra; 7:30-8, Harmonists; 9-10, orchestra.
WHN New York, N. Y. (361.2m-830kc) 7 p. m. Iceland orchestra; 7:30, music; 8, ensemble; 8:30, entertainers; 9, Prince Piotti; 9:30, orchestra; 11, Frivolity club; 11:30, Playground.
WICC Bridgeport, Conn. (232.4m-1290kc) 7 p. m. program.
WIP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. dinner music; 7, Uncle Wip; 8, dramatic reviews; 8:25, science talk; 8:30-10:05, evening program; 10:05, Emo's weekly broadcast; 10:30, orchestra.
WJAX Jacksonville, Fla. (336.9m-890kc) 7-7:30 p. m. dinner music; 7:30-9, popular program; 10-11, Casa de Baile.
WJR Detroit, Mich. (516.9m-580kc) 7 p. m. Jean Goldkette's Petite symphony orchestra; soloists; 8, Board of Commerce, Mt. Clemens, Mich; 8:30, Manuel Cigar girls.
WJZ New York, N. Y. (454.3m-660kc) 7 p. m. Frank Dole; 7:15, Hotel Commodore concert orchestra; 8, Champion Spark Plug hour, WGY, WRC; 9, E. A. White; 10, Cook's tour; WRC, WGY; 10:45, George Olsen's Pennsylvania Grill orchestra.
WKRC Cincinnati, Ohio (422.3m-710kc) 8 p. m. book review; 8:15, dance music; 9, program; 12, popular program.
WLW Cincinnati, Ohio (422.3m-710kc) 7:30 p. m. music; 8, Castle Farm dance music; 8:30, Gay Nineties; 9, Formica orchestra.
WLWL New York, N. Y. (288.3m-1040kc) 9 p. m. music.
WMAK Buffalo, N. Y. (265.5m-1130kc) 6:15 p. m. dinner music; 7:30 evening program; 10:30, musicale, WGY, WHAM, WFBL; 12, Harold Rumsey, organist.
WMCA New York, N. Y. (340.7m-880kc) 7-11 p. m. club.
WOO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. Sylvania dance orchestra.
WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Bill Wathey in sports; 6:30, Hotel Bretton Hall string quartet; 8:30, organ; 9:15, New Jersey Laundry Owners Association program; 11, Wadsworth's Carlton Terrace orchestra.
WPG Atlantic City, N. J. (299.8m-1000kc) 7:15 p. m. organ recital, Arthur Brook; 7:30, Hotel Morton dinner music; 8:05, Hotel Shelburne dinner music; 8:30, concert; 9, Dual concert trio; 10, bridge; 10:30, studio program; 11, dance orchestra.
WRC Washington, D. C. (468.5m-640kc) 7 p. m. Raleigh hotel orchestra; 8, WJZ; 9, WEAF; 10, WJZ; 10:30-11:30, Meyer Davis' Swanee Syncopators.
WSAI Cincinnati, Ohio (325.9m-920kc) 6 p. m. quintet; 7, quartet; 8, WEAF; 9, Bakers; 9-12, WEAF; 12, dance orchestra.
WSOE Milwaukee, Wis. (245.8m-1220kc) 8 p. m. talk; 8:15, popular program; 9, Whozit.
WTAG Worcester, Mass. (545.1m-550kc) 8-10:30 p. m. WEAF.
WTAM Cleveland, Ohio (389.4m-770kc) 6:15 p. m. vaudeville; 8-11, WEAF; 11, Jade Room orchestra.
WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hotel Heublin trio; 7, evening program; 10, orchestra.
WWJ Detroit, Mich. (352.7m-850kc) 6 p. m. dinner concert; 8, WEAF.

Central Time Stations

KFAB Lincoln, Nebr. (340.7m-880kc) 5:30-6:30 p. m. musicale; 8:05-10:30, University of Nebraska.
KFDM Beaumont, Texas (315.6m-950kc) orchestra.
KFNF Shenandoah, Ia. (461.3m-650kc) 7 p. m. program.
KMA Shenandoah, Ia. (461.3m-650kc) 9-11 p. m. May's Mandolin Musicians.
KMOX St. Louis, Mo. (280.2m-1070kc) 6 p. m. dinner music; 7, program; 8, quartet; 9, soloist; 9:30, soloists; 10:15, orchestra; 12-1, frolic.
KOIL Council Bluffs, Iowa (305.9m-980kc) 6 p. m. Warner Brothers' program; 7, studio program; 7:30, program; 8, program; 11, spark plugs.
KPRC Houston, Tex. (299.8m-1000kc) 7:30 p. m. concert; 9, bridge.
KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-11 p. m. musicale.
KVOO Bristow, Okla. (374.8m-800kc) 7-8 p. m. KVOO orchestra; 8-8:30, mixed quartet; 8:30-9, Dinah; 12, Rough and Ready.
KYW Chicago, Ill. (535.4m-560kc) 6:30 p. m. Joska DeBabary and his orchestra; Johnny Hamp and his orchestra; 7, Family hour; 8, American Farm Bureau federation; 9-10:30, classical concert.
WBAP Fort Worth, Tex. (475.9m-630kc) 7:30-8:30 p. m. musicale; 8-8:30, Fort Worth club orchestra; 9:30-11, musicale.
WBBM Chicago, Ill. (226m-1330kc) 8 p. m. Coon-Sanders Night Hawks; 9-11, staff artists, orchestra; 11, Supper club.
WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 7-9:30 p. m. WEAF; 9:30, musical comedy, Garrott's Chocolate Soldiers; 10:05, Izaak Walton league.
WCFL Chicago, Ill. (491.5m-610kc) 6 p. m. talks; 7, Brevoort trio; 8, Spinning Wheel hour; 10, Alamo orchestra; 11-12, entertainers.
WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 11:45-1, Nighthawk frolic.
WEBH Chicago, Ill. (370.2m-810kc) 7 p. m. classical hour; 9-11, Balaban and Katz Uptown theater musical hits.
WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30 p. m. musicale; 8:30-9:30, bridge game, selections; 11-12, orchestra.
WGBF Evansville, Ind. (236.1m-1270kc) 8 p. m. musical program; 9, classic hour.
WGN Chicago, Ill. (302.8m-990kc) 6:35 p. m. dinner concert, Drake concert ensemble; 8-9, WEAF; 9, Auction Bridge game; 9:30-10, WGN male quartet; 10, Sam 'n' Henry; 10:10, The Music Box; 10:20, musical program; 10:40-11, songs, Correll and Gosden.
WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. dinner hour, orchestra selections; 8:30, theater review.
WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m. concert.
WHB Kansas City, Mo. (365.6m-820kc) 7-7:45 p. m. organ coucert; 8, program.
WHO Des Moines, Ia. (526m-570kc) 7:30-8:30 p. m. 14th Cavalry band; 8:30-9, Paul Stoye, pianist; 11-12, dance program.
WHT Chicago, Ill. (399.8m-750kc) 6 p. m. Al Carney, organist, Bob York, Julie Juliens; 7:45 (238m-1260kc), Stuart Dawson, songs; 9:30 (399.8m-750kc), Bel Canto male quartet; 10, variety program, 12, Al and Pat.
WJAZ Chicago, Ill. (329.5m-910kc) 6:30-8 p. m. Shoreland hotel; 8-8:30, highlights; 8:30-9, Realty program; 9-12, diversified program.
WJJD Mooseheart, Ill. (370.2m-810kc) 8-9 p. m. child artists; 11-1, Palmer House Victorians.
WLIB Chicago, Ill. (302.8m-990kc) 7-7:30 p. m. dinner concert; 7:30-8, WEAF; 11-12:15, Ruth Farley, organist; dance orchestra; songs.
WLS Chicago, Ill. (344.6m-870kc) 6 p. m. Supperbell; 6:40, Maurie Sherman's College Inn orchestra; 6:55, Tony's scrap book; 7, May and June; 10:30-12, organ; Maurie Sherman's College Inn orchestra; Jack Chapman's orchestra.
WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. organ; 6:30, orchestra; 8:10, musicale; 8:45, radiograph; 9, talk; 9:15, musicale.
WMC Memphis, Tenn. (499.7m-600kc) 8:30 p. m. Hotel Gayoso orchestra; 11, midnight frolic.
WOAI San Antonio, Tex. (394.5m-760kc) 8:30-9:30 p. m. Gebhardt Mexican players.
WOC Davenport, Iowa (483.6m-620kc) 7-7:30 p. m. WEAF; 7:30-8, musicale; 8-9, WEAF; 9-9:30, WEAF; 9:30-10:30, lecture; 11-12, dance music.
WOOD Grand Rapids, Mich. (241.8m-1240kc) 8 p. m. studio program.
WOQ Kansas City, Mo. (278m-1080kc) 8-9:30 p. m. devotional music.
WOW Omaha, Nebr. (526m-570kc) 6 p. m. Henry Thornton, organist; 6:30, Lillian Madsen, popular entertainer; 6:50, Auction bridge; 9, popular and old time music; 10, orchestra.
WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; vocal selections; 10-2 a. m. Rainbo Gardens orchestra; frolic.
WRR Dallas, Tex. (245.8m-1220kc) 6 p. m. orchestra; 8, entertainers.
WSAI Cincinnati, Ohio (325.9m-920kc) 6 p. m. quintet; 7, quartet; 8, WEAF; 9-10:30, WEAF; 10:30, program; 11, dance orchestra.
WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. headliner; 10:45, concert.
WSBC Chicago, Ill. (288.3m-1040kc) 6:30 p. m. dinner program; 7:15, travelog; 9-1, entertainers.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 9 p. m. bridge.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. Howard's Quality serenaders; 8-9, grand opera program; 9-10, varied hour; 10-11, Azure Music club.
KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 8-9, news and studio program; 9-10 p. m. musicale; 10-11 p. m. Warner Brothers frolic.
KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Bem's Little symphony; 8-9, Pilgrims; 9, surprise broadcast.
KJR Seattle, Wash. (384.4m-780kc) 8 p. m. studio program; 8:30-10, program.
KNX Hollywood, Calif. (336.9m-890kc) 8 p. m. program; 9, musicale; 10, frolic.
KPO Los Angeles, Calif. (428.3m-700kc) 7-7:30 p. m. orchestra; 8-9, organ; 9-10, program; 10-11, orchestra; 11-12, Cabirians.

Tuesday, silent night for: CFCA, KFH, KFKX, KFUO, KLX, KOB, KSWC, KTAB, KWWG, WAHG, WAMD, WBBR, WCOA, WEMC, WGCP, WOS, WRVA, WSMB, WSUI, WTAM, WTIC.

WEDNESDAY, JANUARY 5
Headliners

Eastern	Central	Mountain	Pacific
6:45 p. m.	5:45	4:45	3:45
WSAI (325.9m-920kc) Lola Bruce Smith, pianist.			
7:30	6:30	5:30	4:30
KSO (405.2m-740kc) Eva Garrison, vocal numbers.			
WSAI (325.9m-920kc) Erich Sorantin, violinist.			
8	7	6	5
KSO (405.2m-740kc) Alexander male quartet.			
WEBJ (272.6m-1100kc) Raymond orchestra.			
8:15	7:15	6:15	5:15
WRVA (256m-1170kc) Old hymns, melodian.			
8:30	7:30	6:30	5:30
WHAS (399.8m-750kc) Virginia Vetter's entertainers.			
8:45	7:45	6:45	5:45
WEBJ (272.6m-1100kc) Al Bert, ukulele.			
9	8	7	6
WDAF (365.6m-820kc) K. C. Little symphony.			
WEBJ (272.6m-1100kc) Philip Krumholtz.			
WLW (422.3m-710kc) Special feature.			
9:10	8:10	7:10	6:10
WRVA (256m-1170kc) "Snow-Bound."			
9:15	8:15	7:15	6:15
WEBJ (272.6m-1100kc) Harmonica Fred.			
9:30	8:30	7:30	6:30
WCCO (416.4m-720kc) Levin Craftsmen.			
WEBJ (272.6m-1100kc) Billy Day.			
10	9	8	7
KPRC (296.9m-1010kc) Max E. Shippee, crooning tenor.			
10:15	9:15	8:15	7:15
KOA (322.4m-930kc) Rustic follies.			
Eastern	Central	Mountain	Pacific
10:30 p. m.	9:30	8:30	7:30
WSAI (325.9m-920kc) Charles H. Partington, accordion soloist.			
11	10	9	8
KFI (467m-642kc) Virginia Flohri, soprano.			
11:30	10:30	9:30	8:30
WCCO (416.4m-720kc) Little Jack Little.			
12	11	10	9
KGW (491.5m-610kc) Seventh U. S. Infantry.			

WEDNESDAY, JANUARY 12
Headliners

Eastern	Central	Mountain	Pacific
8 p. m.	7	6	5
KSO (405.2m-740kc) Shamburg band.			
WCOA (252m-1190kc) First Presbyterian church quartet.			
WGR (319m-940kc) Lucille Pascal.			
8:30	7:30	6:30	5:30
WSUI (483.6m-620kc) Cornell College band.			
9	8	7	6
WEBJ (272.6m-1100ke) Henry Tobias.			
9:15	8:15	7:15	6:15
WEBJ (272.6m-1100kc) Bruce Severeide, guitarist.			
9:30	8:30	7:30	6:30
WCCO (416.4m-720kc) Levin Craftsmen.			
WCOA (252m-1190kc) Mrs. J. W. Lamar, violinist.			
WRVA (256m-1170kc) "Memories," opera company.			
10	9	8	7
WCOA (252m-1190kc) Anita O. Villar, vocalist.			
WRVA (256m-1170kc) Robert C. Hyde, organist.			
10:15	9:15	8:15	7:15
KOA (322.4m-930kc) Little symphony orchestra.			

Educational Features Wednesday

Eastern	Central	Mountain	Pacific
4 p. m.	3	2	1
KFAB (340.7m-880kc) Sociology lecture.			
6:30	5:30	4:30	3:30
WNYC (526.6m-570kc) Elementary Spanish lessons.			
7	6	5	4
KVOO (374.8m-800kc) Law lecture, U. of T.			
WDAF (365.6m-820kc) School of the Air.			
WNYC (526m-570kc) Advanced Spanish lessons.			
7:30	6:30	5:30	4:30
KSAC (340.7m-880kc) Sociology.			
7:45	6:45	5:45	4:45
KDKA (309.1m-970kc) University of Pittsburgh. "Story of Our Courts," Gustav L. Schramm.			
7:55	6:55	5:55	4:55
WDBO (239.9m-1250kc) Rollins college.			
8	7	6	5
KSAC (340.7m-880kc) Jan. 5, Construction problems, road improvement; Jan. 12, wind resistance of automobile; types of roads.			
8:10	7:10	6:10	5:10
WEAO (293.9m-1020kc) Dec. 15, "Is History Study Worth While?" H. C. Hockett.			
8:05	7:05	6:05	5:05
WOR (405.2m-740kc) N. Y. U., Child training. Dr. Nason.			

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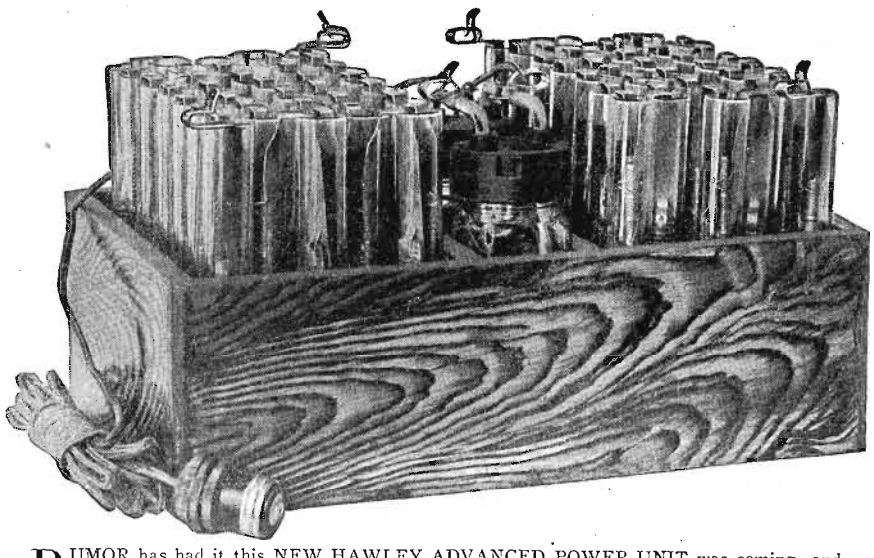

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Eastern	Central	Mountain	Pacific
8:30 p. m.	7:30	6:30	5:30

WSUI (483.6m-620kc) U. of Iowa courses.

9	8	7	6

KFRU (499.7m-600kc) "Amending the Constitution of the United States."

9:10	8:10	7:10	6:10

WMAQ (447.5m-670kc) Lecture, U. of C., Prof. Fay-Cooper Cole.

10:30	9:30	8:30	7:30

KOAC (280.2m-1070kc) "Basketball Practice and Theory," home study course.

11	10	9	8

KLX (508.2m-590kc) Educational program.

11:45	10:45	9:45	8:45

KOAC 280.2m-1070kc) Story course.

Regular Wednesday Features

Eastern Time Stations

CFCA Toronto, Can. (356.9m-840kc) 7-8 p. m. Canada Dry Ginger Ale orchestra; 10:45, dance orchestra.

KDKA Pittsburgh, Pa. (309.1m-970kc) 6:15 p. m. dinner music; 8, concert; 9, WJZ; 9, R. V. B. trio.

PWX Havana, Cuba (399.8m-750kc) 8-10 p. m. Band concert; 10-12, orchestra.

WABC New York, N. Y. (315.6m-950kc) 7:30-10 p. m. program.

WBZ Springfield, Mass. (333.1m-900kc) 7:30 p. m. nature league; 8, musicale; 9, WJZ; 9:30, musicale.

WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. orchestra; 8, recital; 8:30-9:30, WEAF; 9:30, orchestra; 10, WEAF; 10:30, opera; 11:30, dance music.

WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg recital; 8, popular program; 10, Cheer-up club.

WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. Dinner program, Goldkette ensemble; 8-9 studio program.

WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m. Chamber of Commerce.

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, Synagogue Services by the United Synagogue of America; 7:30, United States Army band; WTAG, WJAR, WTAM, WRC; 8, Salon concert, WJAR; 8:30, Davis Saxophone Octet, WJAR, WRC, WCAE, WEEI, WLIT, WCSH, WGR, WSAI; 9, Ipana Troubadours, WEEI, WGR, WRC, WCAE, WWJ, KSD, WCCO, WLIB, WSAI; 9:30, Moment musicale, WEEI, WGR, WCSH, KSD, WWJ; 10, Smith Bros., WTAG, WGR, WRC, WCAE, WWJ, KSD, WOC, WSAI, WCCO, WDAF; 10:30, WEAF Light Opera company, WCAE; 10:30, orchestra; 11:30, Ben Bernie orchestra from the Hotel Roosevelt.

WEAO Columbus, Ohio (293.9m-1020kc) 8:45 p. m. musicale.

WEEI Boston, Mass. (348.6m-860kc) 8 p. m. musicale; 8:30-10, WEAF; 10, Joe Rines and his Palais Royal orchestra.

WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. Adelphia dance orchestra.

WGHB Clearwater, Fla. (265.3m-1130kc) 7 p. m. dinner music; 8:30, program; 10:30-12, dance music.

WGHP Detroit, Mich. (270.1m-1110kc) 6 p. m. dinner concert, Hotel Tuller; 8-10, concert.

WGR Buffalo, N Y (319m-940kc) 8:30-10:30 WEAF.

WGY Schenectady, N. Y. (379.5m-790kc) 7:30 p. m. Eastman theater; 8:15, musicale, WHAM; 10, WFBL program.

WHK Cleveland, Ohio (272.6m-1100kc) 7 p. m. orchestra; 8, studio concert; 9, quartet; 10, Whozit; 10:15, music.

WHN New York, N. Y. (361.2m-830kc) 7:30 p. m. Loew's Lexington Theater organ recital; 9:30, Loew's 7th Ave. Theater concert; 10, songs; 10:30, Roseland dance orchestra; 11, orchestra; 11:30, Silver Slipper orchestra; 12, Cotton club orchestra.

WICC Bridgeport, Conn. (232.4m-1290kc) 8 p. m. Melody Boys; 8:30, musicale club; 9:30, music.

WIP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.

WJAX Jacksonville, Fla. (336.9m-890kc) 8-8:30 p. m. Popular program; 8:30-9:30 classical program; 9:30-10, studio program.

WJR Detroit, Mich. (516.9m-580kc) 7 p. m. Jean Goldkette's Petite symphony orchestra; soloists; 7:45, Good Will Oakland and Chief Pontiac; 9, studio program; 11, Murphy Brothers, organist, tenor, baritone; 12, Merry Old Chief and his Jesters.

WJZ New York, N. Y. (454.3m-660kc) 7 p. m. Hotel Commodore dinner orchestra; 8, Imperial Imps; 8:30, Dueber Hampden Watchmakers; 9, Maxwell hour; KOKA, WBZ; 10:30, Hotel Astor dance orchestra.

WKRC Cincinnati, Ohio (422.3m-710kc) 8:15 p. m. Hotel Alms orchestra; 9, Everfresh program; 12, dance music.

WLIT Philadelphia, Pa. (394.5m-760kc) 8 p. m. Concert orchestra; 8:30, WEAF; 9, Stanley theater hour; 10, dance orchestra.

WLW Cincinnati, Ohio (422.3m-710kc) 7 p. m. Robert Visconti's orchestra; 7:40, Robert Visconti's orchestra; 10, Heerman trio; 10:40, Pink of Programs; 11, organ recital; Johanna Grosse.

WLWL New York, N. Y. (288.3m-1040kc) 9 p. m. musicale.

WMAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. m. Eastman theater, WGY; 8:15, WHAM program; 9, musicale; 10, WFBL.

WMCA New York, N. Y. (340.7m-880kc) 6:30 p. m. orchestra; 7:15, orchestra; 7:30, Finkenberg's Radio Franks; 9, Altshul's quartet; 12, McAlpin entertainers.

WNYC New York, N. Y. (526m-570kc) 6:10 p. m. Piano selections.

WOO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. orchestra; 8:10, lecture, Temple university; 8:30, concert; 10, Fox theater orchestra; 11, dance orchestra.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, orchestra; 9, Studio Guild hour; 11, dance orchestra.

WRC Washington, D. C. (468.5m-640kc) 7 p. m. Lee House trio; 7:30, U. S. Army band; 8:30-9, WEAF; 9, WEAF; 9:30, staff program; 10, WEAF.

WRVA Richmond, Va. (256.3m-1170kc) 8 p. m. Headliners.

WSAI Cincinnati, Ohio (325.9m-920kc) 6:45 p. m. piano; 7:15, chimes; 7:30, Bosworth artist series; 10, WEAF; 10:30, studio; 11, dance orchestra.

WSKC Bay City, Mich. (260.7m-1150kc) 9-11 p. m. musicale.

WSMB New Orleans, La. (319m-940kc) 8:30 p. m. classics.

WTAG Worcester, Mass. (545.1m-550kc) 7 p. m. Powers Coal Miners; 7:30, program; 8, Bancroft hotel orchestra; 8:30, WEAF; 9, program; 10, WEAF.

WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. Collegian serenaders; 7:15, talks; 7:30, WEAF; 8, Public Auditorium program; 11, Royal Canadians.

WWJ Detroit, Mich. (352.7m-820kc) 6 p. m. Dinner concert; 8, Detroit News orchestra; 9, WEAF; 10, WEAF.

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 9-10 p. m. Prof. Gregori Gorbovitsky, violinist.

KFAB Lincoln, Nebr. (340.7m-880kc) 5:30-6:30 p. m. Hotel Lincoln orchestra; 8:30-10:30, request program.

KFNF Shenandoah, Iowa (461.3m-650kc) 7 p. m. Concert, Henry Field Seed company.

KMA Shenandoah, Iowa (461.3m-650kc) 9-11 p. m. Two piano concert, Peregrin Brothers.

KMOX St. Louis, Mo. (280.2m-1070kc) 6 p. m. dinner organ recital; 6:30, quartet; 7:30, quartet; 8, quartet; 9, soloists; 10:15, orchestra; 12-1, dance music.

KPRC Houston, Texas (299.8m-1000kc) 7:30 p. m. Jack Willrich's orchestra; 8, evening concert; 9-11, Frank Tilton.

KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. songs.

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-9:45 p. m. music; 9:45-11:05, frolic.

KVOO Bristow, Okla. (374.8m-800kc) 7-8 p. m. program; 8-9, Dorothy Heywood Reedy, artists; 12, dance orchestra.

KYW Chicago, Ill. (535.4m-560kc) 6:30 p. m. Joska DeBabary and his orchestra; 7, Family hour; 9-10:30, Edison classical concert; 10:30-12, Congress carnival.

WBBM Chicago, Ill. (226m-1330kc) 8, Coon-Sanders; 9-12, artists, orchestras; 12, Nutty club.

WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 6:45 p. m. Radio Pioneers' hour; 8, WEAF; 8:30, musicale; 9, WEAF; 10:30, Marigold Ball Room orchestra; 11:30, organ recital, Eddie Dunstedter.

WCFL Chicago, Ill. (491.5m-610kc) 6 p. m. talks; 7, Brevoort trio; 8, variety hour; 10, Alamo orchestra; 12, entertainers.

WCOA Pensacola, Fla. (252m-1190kc) 6:30 p. m. Evening program.

WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. School of the air; 8-9, musicale; 9-9:30, WEAF; 11:45-1, Nighthawk frolic.

WEBH Chicago, Ill. (370.2m-810kc) 7 p. m. Edgewater Beach hotel orchestra; 9-11, orchestra, artists; 12-12:30, revue.

WEMC Berrien Springs, Mich. (315.6m-950kc) 8:15 p. m. recital.

WENR Chicago, Ill. (265.3m-1130kc) 6-7 p. m. Rauland trio; 8-10, All-American Pioneers; 12-2, frolic.

WGN Chicago, Ill. (302.8m-990kc) 6:10 p. m. music; 6:15, Punch and Judy; 6:35, Drake concert ensemble; 6:50-7, Old Fashioned almanack; 7:15, Paul Ash; 8:30, Adventures of Oney Fred Sweet; 8:40, songs; 8:45-10, Arabian Nights' entertainment; 10, Sam 'n' Henry; 10:10, Music Box; 10:20, songs, Tommy Coates; 10:30-12, The Pepper Party.

WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. organ; 10:30, dance program.

WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m. Artists.

WHB Kansas City, Mo. (365.6m-820kc) 7-8 p. m. program; 10:30-11:30, midweek musicale.

WHO Des Moines, Iowa (526m-570kc) 6-7 p. m. Little symphony; 7-9:30, program; 9:30-11:30, dance music.

WHT Chicago, Ill. (399.8m-750kc) 6 p. m. Al Carney; 7:45 (238m-1260ke), orchestra, Stuart Dawson; 9:30 (399.8m-750kc), Ray Lawson, tenor; Daddies Kids; John Powell; 10, variety program; 12, Al and Pat.

WIBO Chicago, Ill. (225.4m-1330kc) 6-8 p. m. dinner concert; 10-12, dance music.

WJAZ Chicago, Ill. (329.5m-910kc) 6:30 p. m. Shoreland hotel; 8, highlights; 9, diversified program.

WJJD Mooseheart, Ill. (370.2m-810kc) 8-9 p. m. child artists; 11-12, Palmer House Victorians.

WLIB Chicago, Ill. (302.8m-990kc) 8-8:30 p. m. WEAF; 12-12:45, opera club orchestra.

WLS Chicago, Ill. (344.6m-870kc) 6 p. m. Supperbell; 6:40, Maurie Sherman's College Inn orchestra; 6:55, Tony's scrap book; 7, May and June; 7:15, duo, Old Town Coffee room; 8, program; 8:30, musicale; 9:30-12, dance night.

WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. Chicago theater organ; 8, Gus Edwards orchestra; 9 music; 9:30, musicale.

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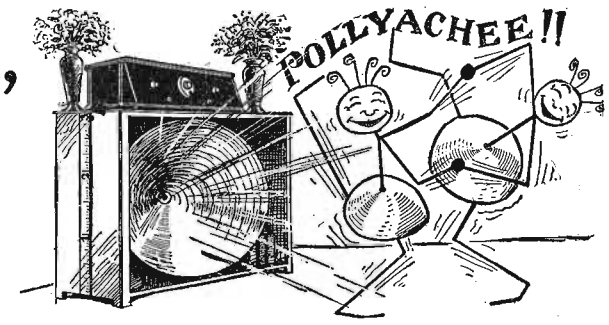

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WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m. Trianon duo; Bessie Beelman, contralto; Monte Blunn, tenor; 8:30-11, orchestra; artists.
WOAI San Antonio, Texas (394.5m-760kc) 8:30-9:30 p. m. Delaware Punch program.
WOC, Davenport, Iowa (483.6m-620kc) 6:30-7:30 p. m. musicale; 9-9:30, WEAF; 9:30-10:30, musicale.
WOK Chicago, Ill. (238m-1260kc) 6-7:45 p. m. string ensemble; 8-9 (217.3m-1380kc), theater program; 9:30-12 (238m-1260kc), syncopators.
WOOD Grand Rapids, Mich. (241.8m-1240kc) 8 p. m. program; 9, frolic; 10, Woods, Whozit; 10:10, Nightingale.
WOQ Kansas City, Mo. (278m-1080kc) 6:15 p. m. orchestra.
WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. North Shore line; 7:45, ten minutes of good reading; 9, I. B. C. A. choral singers; 9:15, Bible lecture.
WOS Jefferson City, Mo. (440.9m-680kc) 7:30 p. m. address; 8:05, talk; 8:20, musicale.
WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; concert; 10-2 a. m. Rainbo frolic.
WSB Atlanta, Ga. (428.3m-700kc) 10:45 p. m. Peerless entertainers.
WSBC Chicago, Ill. (288.3m-1040kc) 6:30-8 p. m. dinner program; 9-1, entertainers.
WSOE Milwaukee, Wis. (245.8m-1220kc) 6:10 p. m. children's program; 7, popular program; 8, Whozit.
WSWS Chicago, Ill. (275.8m-1090kc) 6 p. m. Dinner hour program; Terrace Garden orchestra; 8, Terrace Garden orchestra; 10, popular program; 12 midnight, Witching hour.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 8 p. m. Scheuerman's Colorado orchestra; 8:15, studio program.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7 p. m. Virginia ballroom orchestra; 7:30, Nick Harris; 8-9, program, California Petroleum corp.; 9-10, semi-classical hour; 10-11, Sunset instrumental quartet.
KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 7:50, news; 9-10, Bill Hatch and his orchestra; 10-11, Warner Brothers frolic.
KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Bem's Little symphony; 8, farm program; 9, trio.
KGW Portland, Ore. (491.5m-610kc) 8-9 p. m. concert; 9-10, entertainment.
KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30 p. m. children's hour; 8-10, features; 10-11, Jerry Grant and his dance orchestra.
KJR Seattle, Wash. (384.4m-780kc) 10 p. m. dance music.
KLX Oakland, Calif. (508.2m-590kc) 6:30-7 p. m. Athens Athletic club orchestra; 9-10, program.
KMTR Hollywood, Calif. (370.2m-810kc) 7-7:50 p. m. musical program; 7:50-8, feature; 8-9, ballad ensemble; 10-11, dance; 11-12, frolic, Palais de Danse.
KNX Hollywood, Calif. (336.9m-890kc) 7 p. m. musicale; 8, musicale; 9, program; 10, Edgewater club orchestra; 11, Hotel Ambassador.
KPO San Francisco, Calif. (428.3m-700kc) 6:30-7 p. m. States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel concert orchestra; 8-9, Atwater Kent artists; 9-10, music; 10-11, States Restaurant orchestra; 11-12, Trianon ballroom.
KWSC Pullman, Wash. (348.6m-860kc) 7:30 p. m. Concert, talks.

Wednesday, silent night for: CKAC, KFDM, KFDY, KLDS, KMMJ, KOB, KOIL, KPSN, KTAB, KUOA, KWWG, WABQ, WBAL, WBAP, WBBR, WCBD, WFAA, WFI, WGBF, WGBS, WGCP, WHAR, WIP, WJAZ, WMC, WOAI, WOW, WPG, WSUI, WTIC.

THURSDAY, JANUARY 6
Headliners

Eastern	Central	Mountain	Pacific
6:25 p. m.	5:25	4:25	3:25

WTIC (475.9m-630kc) Cliftonian concert.

7:30	6:30	5:30	4:30

WSAI (325.9m-920kc) Audrey Gillespie, soprano.

8	7	6	5

KSO (405.2m-740kc) Hawleyville trio.
WHAD (275.1m-1090kc) "Our Neighbor, Canada."

8:15	7:15	6:15	5:15

WCCO (416.4m-720kc) "Where Is the Golden Age?"
WRVA (256m-1170kc) Negro spirituals.

8:30	7:30	6:30	5:30

WBAP (475.9m-630kc) Saxophone octet.
WHAS (399.8m-750kc) Methodist Temple male quartet.
WMCA (340.7m-880kc) Altschul's surprise.
WTIC (475.9m-630kc) Vaudeville.

9	8	7	6

WCBD (344.6m-870kc) Treble-Cleft chorus.
WRR (245.8m-1220kc) Hella Temple Shrine quartet.

9:15	8:15	7:15	6:15

WHAS (399.8m-750kc) Kentucky Hotel Cardinals.

9:30	8:30	7:30	6:30

WFAA (475.9m-630kc) Renard club.
WHAD (275.1m-1090kc) Sally West and her crew.
WHAS (399.8m-750kc) Honolulu serenaders.
WOAI (394.5m-760kc) American song program.

10	9	8	7

KPRC (296.9m-1010kc) Southern Pacific Lines Glee club.
WLW (422.3m-710kc) Light opera company.
WRR (245.8m-1220kc) Radio Bible class, Church of Christ.
WRVA (256m-1170kc) "A Trip Through Virginia."

11	10	9	8

KGO (361.2m-830kc) "Iolanthe."
WOC (483.6m-820kc) Davenport Industrial commission.

Eastern	Central	Mountain	Pacific
12 m.	11	10	9

WBAP (475.9m-630kc) John Josey, organist.

12:15	11:15	10:15	9:15

WLW (422.3m-710kc) Night howls.

1 a. m.	12	11	10

KGW (491.5m-610kc) KGW Salon orchestra.

THURSDAY, JANUARY 13
Headliners

Eastern	Central	Mountain	Pacific
8 p. m.	7	6	5

WTAM (389.4m-770kc) Cleveland symphony.

8:30	7:30	6:30	5:30

WHAS (399.8m-750kc) Jacob J. Schilling and his orchestra.
WRVA (256m-1170kc) Edgeworth band wagon.

9	8	7	6

KPRC (296.9m-1010kc) Gregor Jassel's Russian concert ensemble.
WRR (245.8m-1220kc) Laundrymen's banquet.

9:30	8:30	7:30	6:30

WOAI (394.5m-760kc) "Cavalleria Rusticana."

11	10	9	8

KHJ (405.2m-740kc) Zoellner string quartet.

12	11	10	9

WBAP (475.9m-630kc) John Josey, organist.

Educational Features
Thursday

Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4

KVOO (374.8m-800kc) U. of Tulsa.
WDAF (365.6m-820kc) School of the Air.

8:15	7:15	6:15	5:15

WDBO (239.9m-1250kc) Literary Appreciation series.

8:30	7:30	6:30	5:30

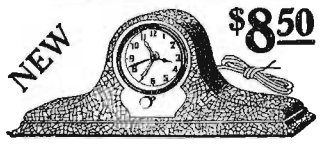
WEAO (293.9m-1020kc) Parents and Teachers Co-Operation.
WIP (508.2m-590kc) Course in chamber music, Dr. H. T. Fleck.
WOI (270.1m-1110kc) Iowa state radio courses.
WOR (405.2m-740kc) Advertising, William C. Freeman.

9	8	7	6

KUOA (299.8m-1000kc) Jan. 6, School administration; Jan. 13, American flag, Reviewer's bookshelf, Physics, Primary education.

Regular Thursday Features
Eastern Time Stations

CFCA Toronto, Can. (356.9m-840kc) 8:15 p. m. musical program, Luigi Romanelli and his orchestra.
KDKA Pittsburgh, Pa. (309.1m-970kc) 6:15 p. m. KDKA Little symphony orchestra; 8, program; 9, symphony; 11, dance.
PWX Havana, Cuba (399.8m-750kc) 8:30 p. m. Cuban program.
WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m. dinner orchestra; 7:30-8, organ recital; 8-9, musical program, instrumental and vocal selections; 9-10, ensemble; 10-11, staff concert; 11-12, dance orchestra.
WBBR New York, N. Y. (416.4m-720kc) 8 p. m. headliner.
WBZ Springfield, Mass. (333.1m-900kc) 6:15 p. m. organ; 6:30, orchestra; 8, musicale; 9, WJZ; 10, program; 10:30, orchestra.
WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. orchestra; 7:45, talks; 8:20, musicale; 9-11, WEAF; 11, dance music.
WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg recital; 8, Saddler's Serenaders; 8:30, Getz Go-Getters; 9:30, Musical Chefs; 10, frolic; 10:30, Parodians' dance orchestra; 11, Club Cadix revue.
WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. dinner program, Goldkette ensemble; 8-9, studio program.
WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m. City of Sanford.
WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, mid-week hymn sing, auspices of the Greater New York Federation of churches; 7:30,



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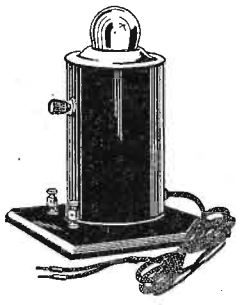

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Please send me one Prexto Powerfier, for which I enclose $8.75 plus 15c postage.
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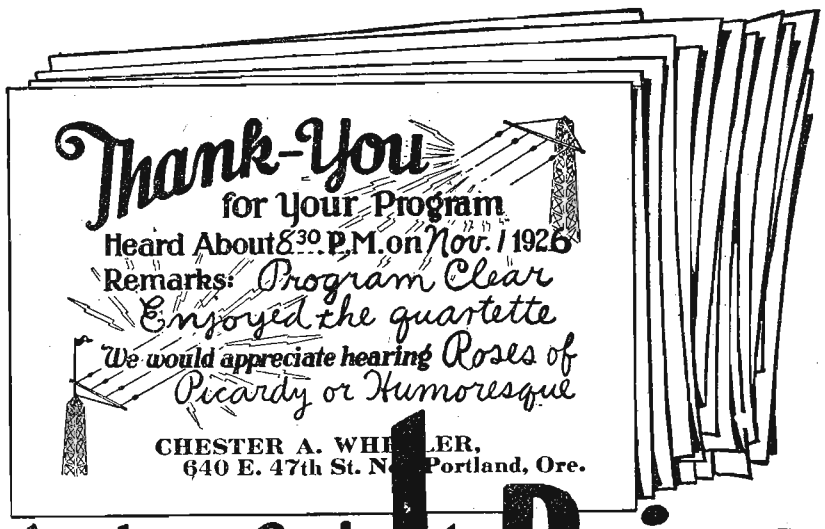

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Your Name & Address on each Card FREE
½ Price and FREE LOG Extra

TO INTRODUCE these **individual** applause cards we cut our regular price right in two on first order **for limited time only.** Postcard backs. Quality cards and printing. Special radio design. Stations gladly put on numbers you request. Our special individual cards get immediate ATTENTION. Applaud your favorites. Artists and stations request and appreciate applause cards. You and your children will enjoy them. **All The Rage.**
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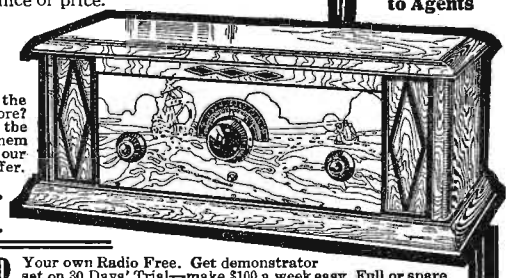

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famous characters in literature, WOC; 8, Coward Comfort hour; 9, Cliquot Club Eskimos, WEEI, WJAR, WTAG, WFI, WCAE, WSAI, WTAM, WGR, WWJ, WOC, WCCO, KSD, WGN; 10, Goodrich Zippers WEEI, WFI, WCAE, WWJ, WGR, WOC, WCCO, WTAG, KSD, WSAI, WJAR, WGN, WCSH, WTAM; 11, Vincent Lopez and his orchestra from Casa Lopez.

WEAO Columbus, Ohio (293.9m-1020kc) 8:15 p. m. headliners.

WEEI Boston, Mass. (348.6m-860kc) 6:10 p. m. Palais Royal orchestra; 6:40, Boston Globe broadcast; 7:30, musicale; 8:30-11, WEAF.

WFI Philadelphia, Pa. (394.5m-760kc) 8 p. m. The Serenaders; 8:30, recital; 9, WEAF; 10, WEAF.

WGBS New York, N. Y. (315.6m-950kc) 6 p. m. program.

WGHB Clearwater, Fla. (265.3m-1130kc) 7 p. m. dinner music; 8:30, Euphemia Kavassa; 10:30-12, dance music.

WGHP Detroit, Mich. (270.1m-1110kc) 6 p. m. dinner concert, Hotel Tuller; 10-11, WGHP Frolickers; 11-12, Skylarkers.

WGR Buffalo, N. Y. (319m-940kc) 6:30-7:30 p. m. Vincent Lopez Hotel Statler orchestra; 8-11, WEAF.

WGY Schenectady, N. Y. (379.5m-790kc) 6:30 p. m. Ten Eyck hotel; 7:45, musicale; 9, WJZ; 10-11:30, program; 11:30, organ.

WHK Cleveland, Ohio (272.6m-1100kc) 8-9 p. m. orchestra; 9-10, sacred hour.

WHN New York, N. Y. (361.2m-830kc) 7 p. m. Iceland dance orchestra; 8, Will Oakland's Chateau; 8:30, Charlie Coleman; 9:15, "Cookie"; 9:30, Loew's theater; 10:30, Billy Day, songs and piano; 11, vaudeville; 11:30, entertainment; 12, The Playground.

WICC Bridgeport, Conn. (232.4m-1290kc) 8 p. m. studio program.

WIP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, evening program; 10:05, dance orchestra; 10:30, orchestra.

WJR Detroit, Mich. (516.9m-580kc) 7 p. m. Jean Goldkette's Petite symphony orchestra; soloists; 7:30, Ide and Meginnity, entertainers; 9, studio program.

WJZ New York, N. Y. (454.3m-660kc) 7 p. m. Hotel Pennsylvania dinner orchestra; 8, First National presentation, WRC; 9, Royal hour of music, WRC, WGY, WBZ will also broadcast; 10, program; 10:30, Jack Denny's Frivolity club orchestra, WBZ.

WKRC Cincinnati, Ohio (422.3m-710kc) 10 p. m. Louisville Loons; 10:30, baritone; 11, piano; 11:15, dance music.

WLIT Philadelphia, Pa. (394.5m-760kc) 7:30 p. m. concert orchestra.

WLW Cincinnati, O. (422.3m-710kc) 7 p. m. Robert Visconti's orchestra; 7:40, Visconti's orchestra; 10, light opera; 11, Melody Boys; 12:15 a. m. Night Howls.

WLWL New York, N. Y. (288.3m-1040kc) 9 p. m. Question box; 9:30, trio.

WMAK Buffalo, N. Y. (265.5m-1130kc) 6:15 p. m. Hotel Lafayette trio; 7:30, Syracuse university; 9, musicale; 11:30, WGY.

WMCA New York, N. Y. (340.7m-880kc) 7 p. m. orchestra; 7:30, Grel-Meister's Hungarian orchestra; 9, Solow soloists; 11, Ernie Golden and his Hotel McAlpin orchestra; 12, Broadway nite.

WNYC New York, N. Y. (526m-570kc) 6:40 p. m. piano selections; 7:20, piano selections.

WOO Philadelphia, Pa. (508.2m-590kc) 11 a. m. organ recital; 12:02 p. m. Tea Room orchestra; 4:45, organ recital; 7:30, dance orchestra.

WOOD Grand Rapids, Mich. (241.8m-1240kc) 8 p. m. Van Campen hour of music; 9, studio program; 10, Woods, Whozit.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 8:30, soloist; 11:05, orchestra.

WPG Atlantic City, N. J. (299.8m-1000kc) 7:15 p. m. organ recital, Arthur Brook; 7:30, Hotel Morton dinner music; 8, world wonder excursions; 8:15, studio concert; 9:30, President hotel; 10, movie broadcast; 10:20, organ recital; 11:20, Silver Slipper Supper club dance orchestra.

WRC Washington, D. C. (468.5m-640kc) 7 p. m. dinner music; 8, WJZ; 8:30, bridge; 9, WJZ; 10-11, Le Paradis band.

WRVA Richmond, Va. (256.3m-1170kc) 8:20 p. m. evening program; 11, Carry me back to Old Virginny.

WSAI Cincinnati, Ohio (325.9m-920kc) 6:40 p. m. talk; 6:45, chimes; 7, musicale; 7:30, request program; 10, WEAF; 11, music.

WTAG Worcester, Mass. (545.1m-550kc) 8 p. m. program; 8:30, Standardyne trio; 9, WEAF; 10, WEAF.

WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. Hollenden hotel orchestra; 7:30, studio program; 9, WEAF; 10, studio program; 11, Collegian serenaders.

WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hotel Heublein trio; 7, midweek religious sing; 7:30, staff artists; 8, Outlet Owlets; 8:30, Capitol theater presentation.

WWJ Detroit, Mich. (352.7m-820kc) 6 p. m. dinner concert; 8, WEAF.

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 8:30-9 p. m. studio program; 9-10, J. A. Banfield company's concert.

KFNF Shenandoah, Iowa (461.3m-650kc) 7 p. m. headliner.

KLDS Independence, Mo. (440.9m-680kc) 8 p. m. studio program.

KOIL Council Bluffs, Ia. (305.9m-980kc) 6 p. m. program; 7, program; 7:30, oil burner; 8, music hour; 11, orchestra.

KPRC Houston, Texas (299.8m-1000kc) 8 p. m. evening program.

KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. concert.

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-10:15 p. m. headliners; 10:15, Specialties.

KVOO Bristow, Okla. (374.8m-800kc) 7-7:30 p. m. Hawaiian music; 7:30-8, Irene Buchner; 8-9, music lovers hour; 12, American Legion frolic.

KYW Chicago, Ill. (535.4m-560kc) 6:30 p. m. Joska DeBabary and his orchestra; 7, family hour; 8, "Twenty Minutes of Good Reading," Rev. C. J. Perrin; 9-10:30, classical concert; 10:30-12, Congress carnival.

WBAP Fort Worth, Tex. (475.9m-630kc) 7:30-8:30 p. m. musicale; 9:30-11, Davis Baking Powder saxophone octet; 11-12, frolic.

WBBM Chicago, Ill. (226m-1330kc) 8 p. m. Coon-Sanders Night Hawks; 9-11, orchestra, piano; 11, Coon-Sanders Night Hawks.

WCBD Zion, Ill. (344.6m-870kc) 8 p. m. musicale.

WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 8 p. m. WEAF; 10:05, talk.

WCFL Chicago, Ill. (491.5m-610kc) 6 p. m. talks; 7, Brevoort trio; 8, classical hour; 10, Alamo orchestra; 11-12, Alamo entertainers.

WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 11:45-1, Nighthawk frolic.

WEBH Chicago, Ill. (370.2m-810kc) 7-8 p. m. Uptown theater; 9:30-11, musicale.

WENR Chicago, Ill. (265.3m-1130kc) 6-7 p. m. Rauland trio; 8-10, All-American Pioneers, Vin Lindhe.

WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30 p. m. Baker hotel orchestra; 8:30-9:30, concert.

WGN Chicago, Ill. (302.8m-990kc) 6:35 p. m. Drake concert ensemble; Blackstone string quartet; 8-10, WEAF; 10, Sam 'n' Henry; 10:10, The Music Box; 10:20, Mark Love, bass; Bobby Meeker's Drake hotel orchestra; 10:30-11, songs, Correll and Gosden.

WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. orchestra and vocal selections, Wisconsin hotel orchestra; 7, talk; 8:30, classical studio program.

WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m. concert.

WHB Kansas City, Mo. (365.6m-820kc) 7-7:45 p. m. organ concert; 9-10, Ukulele songsters.

WHO Des Moines, Ia. (526m-570kc) 7:30-8 p. m. Philbreck's Younker tea-room orchestra; 8-9, music; 11-12, dance program.

WHT Chicago, Ill. (399.8m-750kc) 6 p. m. Al Carney, organist, violin; 7:45 (238m-1260kc), orchestra, songs; 9:30 (399.8m-750kc), Billy A. Huff, songs; 10, quartet; 12, Al and Pat.

WIBO Chicago, Ill. (225.4m-1330kc) 6-8 p. m. dinner concert; 12-2, Aragon minstrels.

WJAZ Chicago, Ill. (329.5m-910kc) 7 p. m. diversified program; 9, Shoreland.

WJJD Mooseheart, Ill. (370.2m-810kc) 8-9 p. m. child artists; 11-1 a. m. Palmer House Victorians.

WLIB Chicago, Ill. (302.8m-990kc) 7-8 p. m. dinner concert; 11-12:30, organ, orchestras.

WLS Chicago, Ill. (344.6m-870kc) 6:30 p. m. sports; 6:40-7:55, artists; 10:30, organist; 10:45-12, orchestras.

WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. Chicago theater organ; 6:30, Gus Edwards' orchestra; 7, orchestra; 8, program; 9, players.

WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m. Trianon ensemble; 8:30-11, orchestra; Arthur Truesdale.

WMC Memphis, Tenn. (499.7m-600kc) 8 p. m. talk on Memphis commerce; 8:30, program.

WOAI San Antonio, Tex. (394.5m-760kc) 8:30-9:30 p. m. Radiola Super-Heterodyne hour.

WOC Davenport, Iowa (483.6m-620kc) 7:30-8 p. m. Moline Plowboys; 8-9, WEAF; 9-10, WEAF; 10-11, musicale.

WOK Chicago, Ill. (238m-1260kc) 6-7:45 p. m. string ensemble; 8-9 (217.3m-1380kc), theater program; 9:30-12 (238m-1260kc), syncopators.

WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. Webster Hotel duo orchestra; 9, musicale.

WOW Omaha, Nebr. (526m-570kc) 6 p. m. Vagabonds; 9, classical program; 10, Roseland Gardens.

WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; specialty; 10-2 a. m. Rainbo frolic.

WRR Dallas Tex. (245.8m-1220kc) 6 p. m. music; 8, band; 9, Bible class.

WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. concert; 10:45, Charles A. Sheldon Jr., organist.

WSBC Chicago, Ill. (288.3m-1040kc) 6-7 p. m. dinner program; 9-1 entertainers.

WSMB New Orleans, La. (319m-940kc) 8:30 p. m. dance program.

Fred W. Stein.

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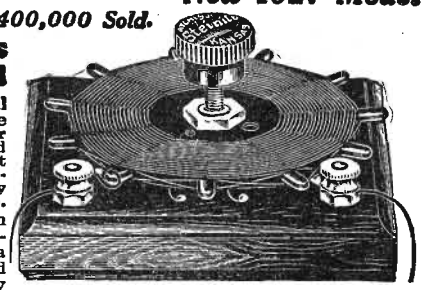

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Gets Distance Clearly. Here you are, "Distance" fans! Install this new type underground "pick up system." Get distant stations loud and clear like local. SUBANTENNA banishes STATIC and all other air noises. Lets the broadcast come through clean.

Uses Filtered Ground Waves. Power line leaks, arc-light crackles, STATIC and all air noises are filtered out from the broadcast and grounded by SUBANTENNA before the broadcast reaches the set. The greater distance and clarity of your set will amaze you.

Nothing Else Like It. Not just a wire. Consists of special composition wire differently insulated and sheathed in a lead jacket and containing a series of three "building up" coils. Nothing else will do what SUBANTENNA does. Nothing else in the world like it.

FREE TRIAL OFFER! We want you to test SUBANTENNA. We want you to enjoy the thrill of loud, clear DX reception when your old aerial will give you nothing but STATIC and crackles. Write at once for FREE TRIAL OFFER and scientific explanation of SUBANTENNA. Write NOW!

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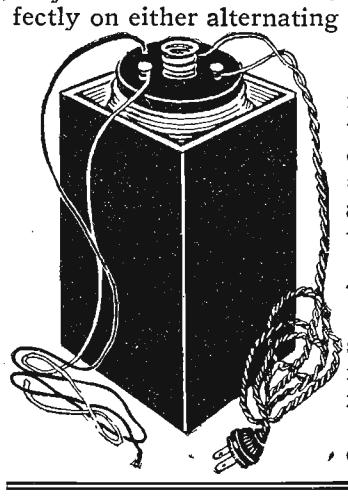
THIS wonderful charger—the sensation of the entire radio industry—charges any type of storage A or B battery, using only a few cents worth of ordinary house current. Works perfectly on either alternating or direct current.



Cannot possibly injure your battery, and will last for years. Many radio fans find it a tremendous success as a trickle charger. Complete and simple directions enclosed with every charger, so that anyone can operate it. There are absolutely no expensive "extras" to buy.

Why pay $10.00 to $15.00 for a charger when you can get this splendid GUARANTEED R. B. Charger by simply signing the coupon below and mailing it to us with two dollars (bills, money order, check or stamps) plus 10c in stamps or coin to pay mailing costs. The charger will be sent postpaid. If, for any reason, you should not be perfectly satisfied, return the charger within five days and we will refund your money.

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Turn 1 Dial—get stations everywhere:—30 Days Free!

Beautiful Hand-rubbed Solid Walnut Cabinet 28 in. Long

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NOTE: This offer is made to prospective buyers by famous big Radio Corporation, one of America's oldest reliable manufacturers of fine sets—seventh successful year. Many satisfied users in every state. Postal or coupon brings testimony of nearby users and proof Miraco's outperform sets costing up to 4 times as much. Very easy to operate

BEAUTIFUL-BIG-POWERFUL Ultra Selective MIRACO Unitune 5

Users report Miraco Radios get programs Coast to Coast, also Canada, Cuba and Mexico, loud and clear on speaker; outperform $100 to $200 sets. Some have heard Europe, S. America. Don't confuse Miraco with small cheap sets. Unless trial proves it MOST SELECTIVE, CLEAREST TONED and MOST POWERFUL DISTANCE-GETTER among beautiful big 5-tube sets, don't buy it. Every Miraco comes completely assembled, rigidly tested and fully guaranteed.

Our Factory Prices Save You Up to ½!

SEND NO MONEY! Save or make much money on sets, speakers, tubes, batteries—write for AMAZING OFFER. Ultra-5 (not illus.) is marvelous value in a big Guaranteed 5-tube, 3-dial set: Ultra-5 $49.75 Retail List

Built to look like $300 perform like a $200 set. Users report: MIRACO RADIO GETS 'EM COAST TO COAST Send for Proof!

ONE DIAL CONTROL Only One Dial to turn for all programs. Sent on 30 Days Free Trial. Enormous demand for Miraco 5's makes possible hosts of costly new refinements and improvements at lower prices than ever: Genuine Bakelite sloping panels, dials beautifully finished in walnut to match cabinets; Connect E-Z Battery Cables; features (too numerous to mention) of high-priced sets. Send for Amazing Low "Unitune" Price

SPECIAL WHOLESALE PRICES to user-agents who show the set to friends. Yes! DEALERS WRITE!

COAST TO COAST RECEPTION verified by Miraco users

Reports from users everywhere leave little for us to add. These are only a few of the many in our files and which we receive daily. Send coupon for plenty of additional proof, testimony of nearby users and SPECIAL OFFER

"UNITUNE" SEPARATES CHICAGO LOCALS. Chicago. With 4 stations broadcasting less than a mile away, one after another I can tune and keep separated as high as 15 Chicago stations on your "Unitune-5". Even during the summer I frequently get stations clear and loud on speaker as far away as Colo., New Jersey, New Orleans and many others. With the single dial I switch from one to another station in an instant. The selectivity is amazing, the set is a beauty and the tone is perfect. W. H. Schaeffer.

COAST TO COAST THROUGH LOCALS Omaha, Nebraska. Miraco is a wonder for distance, volume, tone. We have 5 local broadcasting stations here and she goes right thru and brings them from coast to coast. No trouble at all. H. N. Eller.

BEATS OTHERS FOR SELECTIVITY. Cleveland, O. Have been up against some pretty good radio men with other sets and this receiver has them guessing. In selectivity, volume and range it has outdone several. We were able to cut out WTAM (powerful local station) in 3 points, to bring in other stations. W. C. Pike.

HONOLULU TO LONDON FROM IOWA. Anthon, Iowa. Here are some of the stations we picked up on the Miraco 5 Sunday Jan. 24 between 10 and 11 P. M.: 2LO London, KYO Honolulu, Hiawaii; WKAQ San Juan, P. R. and a station in Ireland; could not get call letter. John Kuba.

NEW YORK LOGS 163 STATIONS Buffalo, N. Y. I received 2LO London, 11:05 on Monday night but there was so much interference it was not very plain. I also logged 163 stations in U. S. and Canada. Satisfied user of Miraco. Norman W. Ives.

NEBRASKA HEARS PORTO RICO ON SPEAKER. Spencer, Nebraska. Using the Miraco 5 we have often heard Mexico City, Porto Rico, Miami, Florida, Ottawa, Canada and Vancouver, B. C., Canada and all along the Pacific Coast. All the above stations on the speaker. Have also heard Lima, Peru, South America. H. J. Schmidt.

TONE, VOLUME, DISTANCE. Elbing, Kans. We like our Miraco fine especially because of its volume, tone and its freedom from howling. Although I do not try much for distance we received programs from Oakland, Cal.; Los Angeles, New York, Miami and Havana. In my opinion it's the best ever. Mrs. E. A. Regier.

MIRACO EQUALS $240 SET. Omaha, S. D. Miraco works fine. Selective and plenty of volume. Stations logged include Winnipeg, Canada; PWX, Havana, Cuba; and CYL, Mexico City, Mexico. Have heard quite a few sets, one costing as much as $240, but can't see where it is any better. Clarence Rusch.

NO HOWLS... SUPERIOR TO COSTLY SETS. Modoc, Ind. We certainly enjoy our Miraco-5. Results equal to any radio I ever heard and far superior to most radios costing a great deal more. All stations come in loud and clear on the loud speaker. James Tullis.

OUTPERFORMS 6 AND 8 TUBE SETS. Duncanville, Pa. I don't think there is a better receiving set made than a Miraco-5. Stations received—all on the loud speaker—include KFI, Los Angeles, California—distance, 2,250 miles. I got this on loud-speaker plain, when others couldn't get it with 6 and 8 tube sets. Also have heard Can., Colo., Fla., Cuba, Neb. and many other states. S. D. Fowkes.

CALIFORNIA HEARS PENNA. ON THE SPEAKER. San Rafael, Calif. I have purchased three of your sets and will give you an idea of what the Miraco-5 does out here. I have logged 86 stations, which I can get nearly any time I try. Mexico City on the South to CFCN, Calgary, Canada, on the North, with Honolulu to the West and E. Pitts., Pa., to the East. All on loud speaker, clear and plain. Roy I. Sharer.

MIDWEST RADIO CORPORATION, Pioneer Builders of Sets
437-P Miraco Bldg., Cincinnati, Ohio
Send WITHOUT OBLIGATION, send free literature, AMAZING SPECIAL OFFER, testimony of users, etc.

NAME:

ADDRESS:

WSOE Milwaukee, Wis. (245.8m-1220kc) 6 p. m. children's hour; 7, popular music; 9, bridge; 9:30, community band.
WSWS Chicago, Ill. (275.8m-1090kc) 6 p. m. dinner hour program; Terrace Garden orchestra; 8, production, the Magic Crystal; 10, popular airs; 12, Witching hour program.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. program by students of U. S. C.; 8-9, KFI drama hour; 9-10, varied hour; 10-11, Johnston and Farrell's music box revue.
KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 7:30, news; 9-10, program; 10-11, Warner Brothers frolic.
KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Bem's Little symphony; 8, program; 9-12, orchestra.
KGW Portland, Ore. (491.5m-610kc) 6-7 p. m. dinner concert; 7:45-8, lecture; 8-10, vaudeville.
KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30 p. m. children's hour; 8-10, features; 10-11, dance music.
KMTR Hollywood, Calif. (370.2m-810kc) 8-9 p. m. program; 9-10, semi-classical hour; 10-11, dance music; 11-12, Palais de Danse.
KNX Hollywood, Calif. (336.9m-890kc) 7 p. m. organ; 8, feature; 9, courtesy program; 11, Hotel Ambassador.
KPO San Francisco, Calif. (428.3m-700kc) 6:30-7 p. m. States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel concert orchestra; 8-9, program; 9-10, music; 10-11, music.
KPSN Pasadena, Calif. (315.6m-950kc) 8-9 p. m. musical program.

Thursday, silent night for: CFCA, KFAB, KFDM, KFH, KFOA, KFUO, KLX, KMA, KMOX, KOA, KOB, KSWC, PWX, WAHG, WAMD, WCOA, WEAO, WEBJ, WEMC, WGBF, WHAD, WJAX, WMAK, WOS, WSM, WSUI, WTAM.

FRIDAY, JANUARY 7
Headliners

Eastern	Central	Mountain	Pacific
6:30 p. m.	5:30	4:30	3:30

WJAR (485m-618kc) "Musik Tawkalog," Mabel Woolsey.

7	6	5	4

WEAF (491.5m-610kc) One-act drama.
WGR (319m-940kc) Girls' glee club.
WJAR (485m-618kc) Temple Beth-El Synagogue services.

7:30	6:30	5:30	4:30

WFAA (475.9m-630kc) Texas Ramblers.
WTIC (475.9m-630kc) Esther A. Nelson, organist.

7:45	6:45	5:45	4:45

WEBJ (272.6m-1100kc) Carie Cohen, pianist.

8	7	6	5

WEBJ (272.6m-1100kc) Eugene DeBona, tenor.

8:05	7:05	6:05	5:05

WJAR (485m-618kc) Eddie Casey and his harmonica and Tipple orchestra.

8:15	7:15	6:15	5:15

WEBJ (272.6m-1100kc) Freddie Bell, ukulele.

8:30	7:30	6:30	5:30

WHAS (399.8m-750kc) Southern Baptist Theological seminary concert.

8:45	7:45	6:45	5:45

WCCO (416.4m-720kc) Latterell sisters.

9	8	7	6

KOIL (305.9m-980kc) Billie and Helen "Go On a Diet."
WCOA (252m-1190kc) Mt. Olive Jubilee singers.
WTIC (475.9m-630kc) Paraphrasers.

9:30	8:30	7:30	6:30

WCOA (252-m-1190kc) Wm. J. Chamberlain, tenor.
WFAA (475.9m-630kc) Service Temple Emanu-El.
WHAD (275.1m-1090kc) Classical program, Marquette university.
WRVA (256m-1170kc) Edgeworth Party night.

10	9	8	7

KOA (322.4m-930kc) Sterling municipal band.
WCOA (252m-1190kc) Mrs. J. P. Sandusky, vocalist.

Eastern	Central	Mountain	Pacific
10:30 p. m.	9:30	8:30	7:30

WCCO (416.4m-720kc) Lillian Nippert Zelle, violinist.

11	10	9	8

WBAP (475.9m-630kc) Concert, Texas Christian university.

11:05	10:05	9:05	8:05

WCCO (416.4m-720kc) Little Jack Little.

12	11	10	9

KOIL (305.9m-980kc) Lubricators of the air.

FRIDAY, JANUARY 14
Headliners

Eastern	Central	Mountain	Pacific
7:45 p. m.	6:45	5:45	4:45

WEBJ (272.6m-1100kc) Michele Boutempo, baritone.

8	7	6	5

WEBJ (272.6m-1100kc) Sara V. Turits, soprano.

8:05	7:05	6:05	5:05

WRVA (256m-1170kc) Masonic Home Boys' band.

8:15	7:15	6:15	5:15

WEBJ (272.6m-1100kc) Joe Davis, Melody man.

8:30	7:30	6:30	5:30

WHAS (399.8m-750kc) U. of Louisville.

9	8	7	6

KOIL (305.9m-980kc) "Renting an Apartment," Billie and Helen.
WCOA (252m-1190kc) A. Morley Darby, baritone.
WTIC (475.9m-630kc) Bernhard Levitow and company.

9:30	8:30	7:30	6:30

WRVA (256m-1170kc) Stutz Silver Tone Banjo quartet.

10	9	8	7

WGBF (236m-1270kc) Royal Castilians.
WRVA (256m-1170kc) American Legion review.

Educational Features
Friday

Eastern	Central	Mountain	Pacific
6:30	5:30	4:30	3:30

WNYC (526m-570kc) Elementary French lesson.

7	6	5	4

WDAF (365.6m-820kc) School of the Air.
WNYC (526m-570kc) Advanced French lessons.
WOW (526m-570kc) "Musical Appreciation," Hester Bronson Copper.
KVOO (374.8m-800kc) Law, U. of Tulsa.

7:30	6:30	5:30	4:30

KSAC (340.7m-880kc) Sociology.

7:45	6:45	5:45	4:45

KDKA (309.1m-970kc) Jan. 7, "Is Latin Literature Readable?"

7:55	6:55	5:55	4:55

WDBO (239.9m-1250kc) Rollins college.

8	7	6	5

KSAC (340.7m-880kc) Jan. 14, "Old Land Residents of Kansas;" Jan. 7, "The Future of the Amateur Play;" Jan. 14, "Oral Reading as a Practical Art."

8:05	7:05	6:05	5:05

WOR (405.2m-740kc) N. Y. U.

8:15	7:15	6:15	5:15

KSAC (340.7m-880kc) Jan. 7, English language; Jan. 14, history of some of our common words.

11	10	9	8

KOAC (280.2m-1070kc) Oregon Agricultural college.

Regular Friday Features
Eastern Time Stations

KDKA Pittsburgh, Pa. (309.1m-970kc) 6:15 p. m. string ensemble; 8, concert; 9, Teaberry time.
WABC New York, N. Y. (315.6m-950kc) 7:30-10 p. m. program.
WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m. dinner orchestra; 7:30-8, quartet; 8-9, trio; John Wilbourn, tenor; 9-9:30, Fitz Sisters, musical sketch; 9:30-10, string quartet; 10-11, novelty program; 11-12, Dance orchestra.
WBZ Springfield, Mass. (333.1m-900kc) 6:15 p. m. ensemble; 6:30, orchestra; 7:03, concert; 8, program; 8:30, program; 10, musicale.
WBBR New York, N. Y. (416.4m-720kc) 8 p. m. Watchtower concert trio; 8:20, Fred Twaroschk, tenor.
WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dinner music; 8, Sunday school lesson; 8:30, Burt McMurtrie's hour; 9:30-10:30, WEAF; 10:30, dance music.
WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg recital; 8, Barry O'Moore, Irish tenor; 8:30, Cohen's Jewels; 8:45, Curlox Girls; 9, Melody Makers; 9:30, Murmuring Baritone; 10, recital; 10:30, Myers' Musical Architects.
WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. dinner concert, Goldkette ensemble; 8-9, studio program.
WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m. popular program.
WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, orchestra; 7:30, headliners; 7:45, talk; 8, Happiness Candy Boys; 8:30, Hohner hour, WGR, WLIT, WRC, WLIB, WWJ, WTAM, WCAE; 9, South Sea Islanders, WLIT, WWJ, KSD, WTAG; 9:30, La France orchestra, WEEI, WGR, WDAF, WLIT, WCAE, WTAM, WWJ, KSD, WOC; 10, Whitrall Anglo-Persians, WRC, WJAR, WTAM, KSD, WWJ, WCCO, WDAF, WGR, WGN, WEEI, WTAG, WCAE, WOC, WLIT; 11:30 (headliner), orchestra.
WEEI Boston, Mass. (348.6m-860kc) 7:30 p. m. Whiting Milk company; 8, musicale; 9:30-10:30, WEAF.
WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. Adelphia dance orchestra.
WGES New York, N. Y. (315.6m-950kc) 6:30 p. m. orchestra; 7:15, music.
WGHB Clearwater, Fla. (265.3m-1130kc) 7 p. m. dinner music; 8:30, pipe organ, program; 10:30, dance program.
WGHP, Detroit, Mich. (270.1m-1110kc) 6-8 p. m. dinner concert, Hotel Tuller; 10-11, WGHP entertainers; 11-12, Melodymakers.
WGR Buffalo, N. Y. (319m-940kc) 7:15 p. m. evening program; 9:30-10:30, WEAF; 11-1, supper music.
WGY Schenectady, N. Y. (379.5m-790kc) 7 p. m. Hotel Van Curler dinner music; 7:35, staff program; 8, musicale; 9, WGY players; 10, WJZ; 11, WJZ.
WHK Cleveland, Ohio (272.6m-1100kc) 6 p. m. orchestra; 7:30, Whozit; 7:40, novelties; 8, vocal hour; 9:10, popular; 10-11, orchestra.
WHN New York, N. Y. (361.2m-830kc) 7:30 p. m. Sachs Quality entertainers; 8, Treasureland Home Owners ensemble; 10, vaudeville; 10:30, orchestra; 12, Silver Slipper orchestra.
WICC Bridgeport, Conn. (232.4m-1290kc) 7 p. m. orchestra; 7:30, hour of music; 8:30, sextet; 10, orchestra.
WIP Philadelphia, Pa. (506.2m-590km) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.
WJAX Jacksonville, Fla. (336.9m-890kc) 7-7:30 p. m. Carling hotel dinner music; 8-9, studio popular program; 9-10, Casa de Baile.
WJR Detroit, Mich. (516.9m-580kc) 7 p. m. symphony; 8, Arctic flavors; 8:30, studio program.
WJZ New York City, N. Y. (454.3m-660kc) 7 p. m. Santa Clause; 7:30, Hotel Commodore dinner orchestra; 8, Sundial Shoe Serendares & Bonnie Laddies; 9, Breyer Ice Cream hour, WRC will also broadcast; 10, Baldwin piano hour, WGY; 11, Paul Specht's Twin Oaks orchestra.
WLIT Philadelphia, Pa. (394.5m-760kc) 8 p. m. concert orchestra; 8:30 Salou orchestra; 9, WEAF; 10, WEAF; 10:30, Arcadia cafe dance orchestra.
WMAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. m. weather; 7:30, WGY; 7:35, WGY.
WMCA New York, N. Y. (340.7m-880kc) 6:30 p. m. Ernie Golden and his Hotel McAlpin orchestra; 12, McAlpin entertainers.
WNYC New York, N. Y. (526m-570kc) 6 p. m. piano selections.
WOO Philadelphia, Pa. (508.2m-590kc) 11 a. m. organ recital; 12:02 p. m. Tea Room orchestra; 4:45, organ recital; 7:30, Hotel Sylvania dance orchestra; 8:10, hygiene talk; 8:20, WOO tourists, WOO orchestra; 9:30, Fox theater orchestra; 10, vaudeville; 10:30, Sylvania dance orchestra.
WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Bill Wathey in sports; 6:30, Hotel Bretton Hall string quartet; 7:30, orchestra; 8:30, organ.
WPG Atlantic City, N. J. (299.8m-1000kc) 7:15 p. m. organ recital, Arthur Brook; 7:30, Hotel Shelburne dinner music; 8, orchestra; 9, Hotel Chelsea evening concert; 9:30, Hotel Ambassador concert orchestra; 10, Garden Pier dance orchestra; Silver Slipper.
WRC Washington, D. C. (468.5m-640kc) 7 p. m. Meyer Goldman's Hotel Hamilton orchestra; 8, musicale; 8:30, WEAF; 9, WJZ; 10, WEAF.
WRVA Richmond, Va. (256.3m-1170kc) 7 p. m. evening program.
WTAG Worcester, Mass. (545.1m-550kc) 8:30 p. m. program; 9:30 Belco entertainers; 10, WEAF.
WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. Emerson Gill's orchestra; 7, talk, Arthur Haas; 7:30, studio program; 9:30, WEAF; 10, WEAF; 10:30, studio program; 11, Jade Room orchestra.

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Uses only *the* RAYTHEON TUBE
"For reliable reception"

Delivers 50 milliamperes at 180 volts

Operates without hum or noise—
Better than dry batteries

The Valley Type TBC Charger, the twin-bulb charger.

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The Valley B Power Unit takes the place of B batteries by providing plate voltage from the house lighting circuit for any radio receiving set of 12 tubes or less. It will supply the plate voltage necessary for a power unit or power tube.

We use the Raytheon Tube in the Valley B Power Unit because only the Raytheon Tube gives full wave rectification and has no filament to burn out. Also, it is the only rectifying tube for this service which will deliver full current and voltage continuously over a long period of time.

Mounted in handsome black grained metal case. Comes complete with Raytheon Tube, cord and plug.

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EVERYBODY, including experienced radio engineers, said—it cannot be done. But we did it—produced a high grade, long distance single dial control radio to operate a loud speaker to retail for—$25.00 and yet allow liberal discount to agents.

This marvelous instrument is the result of five years' hard work by an organization of trained radio engineers. It is no experiment—thousands are in use—the results speak for themselves.

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Thousands have been waiting for just such a radio—a real long distance, powerful instrument—but at a price they can afford.

It is here, and live, wide-awake salesmen will recognize their opportunity immediately — they won't lose a single minute writing for full information.

Just as there are 100 Fords to one high-priced car, just so will there be 100 Vikings to every $75.00 and $100.00 radio—think what this means to men who get in on the ground floor right now.

A $25 Radio Which Will Equal a $75 Radio

Put a Model 599 Viking, which retails for $25.00, alongside any radio retailing for $75.00 and even more. Compare them for ease of tuning—only one dial to tune on the Viking—distance received, volume and tone. The results will make any man say, "I'll save that $50.00."

Radio is today the biggest and quickest selling line—thousands are being sold—salesmen have made unheard-of profits. But here is a far greater, a far more interesting radio proposition than anyone ever dreamed of.

Agents Wanted Make $100.00 a Week

You Should Make $100.00 a Week Easily

You can't help it—many will make more. Some will control a county—others will control many counties. We have the liveliest radio selling plan of today—instruments of all prices—a radio price to fit every pocket book.

Any man who will follow our teaching cannot help but add big money to his present income and start to do it immediately. If you want more money here is your chance, but you'll have to act quick—others will jump at this chance.

Sell Radio in Your Spare Time—Evenings

You don't even have to give up your present position. The only time radio can be sold is in the evening—by demonstration. So here is a chance to add to your present income. During the past five years we have trained 4,364 men in this very profitable business.

You'll be the first one with a real low priced long distance radio—your price will startle everybody—the results will be even far more startling. Once you demonstrate you're sure of a sale. No one can think of investing $75.00 to $100.00 in a radio when this instrument will equal the results and your retail price is only $25.00. Just think of the advantage you have. Sell a radio for only $25.00, and yet make a handsome commission.

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State .....

WTIC Hartford, Conn. (475.9m-630kc) 6:30 p. m. Hotel Bond trio; 7:15, Laura C. Gaudet, organist; 10:05, Emil Heimberger's Hotel Bond orchestra.
WWJ Detroit, Mich. (352.7m-820kc) 6 p. m. dinner concert; 9, WEAF; 9:30, WEAF; 10, WEAF.

Central Time Stations

KFAB Lincoln, Nebr. (340.7m-880kc) 8:30-10:30 p. m. entertainment.
KFDM Beaumont, Texas (315.6m-950kc) band.
KMA Shenandoah, Iowa (461.3m-650kc) 9-11 p. m. Dreamers.
KMOX St. Louis, Mo. (280.2m-1070kc) 6:30 p. m. dinner program; 8, program; 12-1, dance music.
KOIL Council Bluffs, Iowa (305.9m-980kc) 7:30 p. m. program; 8, artists; 8:30, Dresher Brothers, Inc.; 11, frolic.
KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. popular program.
KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9:10-10:45 p. m. features.
KVOO Bristow, Okla. (374.8m-800kc) 7-7:30 p. m. Walter Schoggen, tenor; 7:30-8:30, Marie Gardner Swift; 8:30-9, Chickasaw Nightingale; 11-12, Knights of the Empty Skull; 12-1, Earl Thurston, organist.
KYW Chicago, Ill. (535.4m-560kc) 6:30 p. m. Joska DeBabary and his orchestra; 7, family hour; 9-10:30, classical concert; 10:30-12, Congress carnival.
WBAP Fort Worth, Texas (475.9m-630kc) 7:30-8:30 p. m. concert; 9:30-12, evening program.
WBBM Chicago, Ill. (226m-1330kc) 8, p. m. Coon-Sanders Night Hawks; 9-10, popular music.
WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 6:30 p. m. St. Paul Association; 8, popular orchestra program, Nash-Finch orchestra; 9, WEAF; 9:30, program; 10:05, dance program, Nankin Cafe orchestra.
WCFL Chicago, Ill. (491.5m-610kc) 7 p. m. Breovort concert trio; 8, popular; 10, Alamo orchestra; 11-12, entertainers.
WCOA Pensacola, Fla. (252m-1190kc) 6:30 p. m. musicale.
WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 8-8:30, varied musicale; 8:30-9, WEAF; 9-9:30, WEAF; 11:45-1, Nighthawk frolic.
WEBH Chicago, Ill. (370.2m-810kc) 7 p. m. Edgewater Beach hotel orchestra; 9-10, Edgewater Beach hotel orchestra; 10-11, Edgewater Beach hotel orchestra, specialties.
WEMC Berrien Springs, Mich. (315.6m-950kc) 9 p. m. musicale.
WENR Chicago, Ill. (265.3m-1130kc) 6-7 p. m. Rauland lyric trio; 8-10, All-American Pioneers; 12-2, midnight frolic.
WFAA Dallas, Tex. (475.9m-630kc) 6:30-7:30 p. m. orchestra; 8:30, program.
WGBF Evansville, Ind. (236.1m-1270kc) 7 p. m. Exide entertainers; 8, orchestra.
WGN Chicago, Ill. (302.8m-990kc) 6:10 p. m. musicale; 6:15, Punch and Judy; 6:35, ensemble; 6:50, old fashioned almanack; 8, musical program; 9, WEAF; 9:30, The Phantom violin; 10, Sam 'n Henry; 10:10, The Music Box; 10:20, Bible readings; 10:30, Leon Lichtenfeld, cellist; Herbert Johnson, pianist; 10:30, music.
WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. organist; 8:30, Marquette university.
WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m. concert.
WHB Kansas City, Mo. (365.6m-820kc) 7-8 p. m. Sweeney orchestra; Songsters.
WHO Des Moines, Ia. (526m-570kc) 7:30-8 p. m. program; 8-9, Headliner; 11-12, dance program.
WHT Chicago, Ill. (399.8m-750kc) 6 p. m. Al Carney; Eleanor Gilmore; Helen Rauh; 7:45 (238m-1260kc), Stuart Dawson; 9:30 (399.8m-750kc), Kenneth Clark and his Hawaiians; 12, Al and Pat.
WIBO Chicago, Ill. (225.4m-1330kc) 6-8 p. m. evening musicale; 10-1, dance program.
WJAZ Chicago, Ill. (329.5m-910kc) 7 p. m. popular program; 8, highlights; 9, Shoreland; 10:30, Club Chez Pierre.
WJJD Mooseheart, Ill. (370.2m-810kc) 8-9 p. m. child artists; 11-1 a. m. Palmer House Victorians; Jack Nelson.
WLIB Chicago, Ill. (302.8m-990kc) 7-7:30 p. m. dinner concert; 7:30-8, WEAF; 11-12:30, organ, orchestras.
WLS Chicago, Ill. (344.6m-870kc) 7 p. m. May and June; 7:15, trio; 9, orchestra; 9:15, trio; 10-12, Show Boat.
WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. chimes; 6:30, Wide Awake club; 8, musicale; 9:30, musicale.
WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m. Trianon duo; Norman Harte, baritone; Veronica Krebs, contralto; John Stamford; 8:30-11, frolic.
WMC Memphis, Tenn. (499.7m-600kc) 8 p. m. Mississippi Valley facts; 8:30, Cooper Cord entertainers; 11, frolic.
WOAI San Antonio, Tex. (394.5m-760kc) 8:30-9:30 p. m. musical program.
WOC Davenport, Iowa (483.6m-620kc) 7:30-8:30 p. m. Moorman Melody Mixers; 8:30-9, WEAF; 9-9:30, WEAF; 9:30-10:30, lecture.
WOK Chicago, Ill. (238m-1260kc) 6-7:45 p. m. string ensemble; 8-9 (217.3m-1380kc), theater program; 9:30-12 (238m-1260kc), syncopators.
WOOD Grand Rapids, Mich. (241.8m-1240kc) 8 p. m. program; 9, Van Wyck instrumental quartet.
WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. North Shore line; 7:45, World News digest; 9, station program.
WOS Jefferson City, Mo. (440.9m-680kc) 7:15 p. m. Radio Bible class, talks; 8:20, musicale.
WOW Omaha, Nebr. (526m-570kc) 6 p. m. Hugo Heyn, marimba soloist; Emil Hofmann, pianist; 6:50, orchestra; 9, classical.
WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; 10-2 a. m. Rainbo frolic.
WRR Dallas, Tex. (245.8m-1220kc) 6 p. m. program; 8, artists.
WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. concert; 10:45, concert.
WSBC Chicago, Ill. (288.3m-1040kc) 6:30-7 p. m. dinner program; 9-1, entertainers
WSOE Milwaukee, Wis. (245.8m-1220kc) 7 p. m. popular program; 8, Library review; 8:15, Whozit.
WSWS Chicago, Ill. (275.8m-1090kc) 6 p. m. dinner hour program; Terrace Garden orchestra; 8, recital; 10, Mildred Colucio, blues singer; Terrace Garden orchestra; 12, Witching hour program; Terrace Garden orchestra.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 8 p. m. KOA orchestra; 8:15, studio program.
KOB State College, N. M. (348.6m-860kc) orchestra.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. popular program; 8-9, Aeolian organ recital; 9-10, semi-classical hour; 10-11, Packard ballad hour.
KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 7:50, news; 9-10, Bill Hatch and his orchestra; 10-11, Warner Brothers frolic.
KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Bem's Little symphony; 8-9, program.
KGW Portland, Ore. (491.5m-610kc) 6-7 p. m. dinner concert; 8-8:30, KGW movie club; 8:30-10:30, dance music; 10:30-12, frolic, Hoot Owls.
KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30 p. m. children's hour; 8-10, feature program; 10-11, Marigold Gardens dance orchestra.
KLX Oakland, Calif. (508.2m-590kc) 8-9:30 p. m. special program; 9:30-10:30, Athens Athletic club orchestra.
KMTR Hollywood, Calif. (370.2m-810kc) 8-9 p. m. ensemble; 9-10, dance music; 10-12, dance music.
KNX Hollywood, Calif. (336.9m-890kc) 7 p. m. feature; 8, 9, 10, features; 11, Hotel Ambassador.
KPO San Francisco, Calif. (428.3m-700kc) 6:30 p. m. State Restaurant orchestra; 8-9, orchestra; 9-10, Palace Hotel Rose Room dance orchestra; 10-11, orchestra; 11-12, dance orchestra.
KWSC Pullman, Wash. (348.6m-860kc) 7:30 p. m. concert, talks.

Friday, silent night for: CFCA, CKAC, CKNC, KFDY, KFNF, KLDS, KPRC, KPSN, KUOA, KWWG, WBBR, WCAD, WCBD, WFI, WGBS, WIP, WJAZ, WKRC, WLIT, WLW, WLWL, WREO, WSAI, WSMB, WSUI, WTAM.

PROVES SETS FAULTY

(Continued from page 3)

series with the grounded or minus filament side of the loop. Try it.

"Almost any set on the market today, if installed strictly in accordance with the manufacturer's instructions, will have no difficulty in separating local stations forty, yes twenty, kilocycles apart in frequency.

"In the other one case out of ten, we have located faulty tubes, loose connections, improperly connected batteries, etc., discharged batteries and the like. We have yet to meet our Waterloo in making a given set installation separate WGN and WGES, or any other broadcasters."

12 Cells 24 Volts

Lasts Indefinitely—Pays for Itself

Dependable. Quiet "B" power, clear without "hum." Economy you have never before thought possible. Convenience. Outstanding performance. Recharged for almost nothing. Solid rubber case insures against leakage or acid. Extra heavy glass jars. Heavy rugged plates. Approved and listed as standard by Pop. Radio Laboratories, Pop. Sci. Inst. Standards, Radio News Lab., Lefax, Inc., and other Radio authorities.

Extra Offer: 4 Batteries in series (96 Volts) $10.50.

SEND NO MONEY! Just state number of batteries wanted and we will ship same day order is received. Pay expressman after examining batteries. 5 per cent discount for cash with order. Send your order today—NOW!

WORLD BATTERY COMPANY
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Makers of the Famous World Radio "A" Storage Battery
Prices: 6-volt, 100 Amp. $10.50; 120 Amp. $12.50; 140 Amp. $13.25. All equipped with Solid Rubber Case.

World STORAGE BATTERIES

Set your Radio Dials for the new 1000-watt World Storage Battery Station, WSBC, Chicago. Always something interesting.

KDKA - WEAF - WGN - WJS - KHJ - KGO - KFAF - WJY - KOI

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Build the Best—

Socket Power Devices
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Power Amplifiers
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And are best—

For Filter Uses
Rectifiers
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Blocking D. C.

American made of best of materials to full capacity. All sizes and types.

POTTER MFG. CO.
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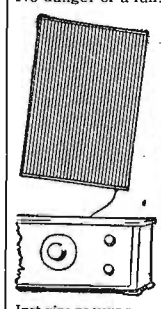
Why risk life and limb erecting an outside aerial? Play safe by using Effarsee Antennae. Hang one indoors in 30 seconds, following directions we furnish, and get strong, clear reception. No danger of a fall. No lightning risks.



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In attic, spare-room or closet—under carpets, behind pictures, drapes or furniture. Effarsee Antennae come in two handy sizes and work without interference from metal structural work, phone or light wires. *Catch both sides of the radio wave* and give you greater selectivity and a better tone practically free of static. Special parchment covering keeps wires properly spaced and insulated from moisture and electrical losses. Fixed condensers at each end provide the sharp tuning of a short aerial and the range and volume of a long one.

FREE TRIAL

Effarsee antennae save you trouble and danger and improve results from your set. Try one on your set for ten days. You will be surprised and delighted. Send no money. Just give us your name and address and we will send you your antennae C. O. D. for $4.00. Nothing else to buy. If you are not delighted we will refund your money. You take no risk. Send order now.

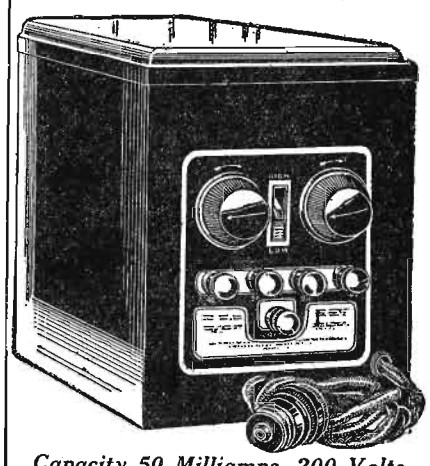
FISHWICK RADIO CO., Dept. S9
133 West Central Parkway, Cincinnati, Ohio

Genuine RAYTHEON "B" Battery Eliminator

$50 Value—Our Price Only

$22.95

West of the Rockies Add 10%



Capacity 50 Milliamps, 200 Volts
Adequate for 1 to 15 Tubes

Positively the Greatest Value in "B" Eliminators

While the regular market price of Raytheon is around $50.00, our factory-to-you price is only $22.95. At this price, everyone can afford to own a Raytheon and forever discard his B batteries. A "B" eliminator enables you to draw your B current from the light socket. There is more uniform and constant power, no more battery replacements, more volume, improved tone quality, positive regulation of voltage, and absolutely NO HUM. By stopping battery replacement, Raytheon pays for itself.

CANNOT DETERIORATE WITH USE—NOTHING TO WEAR OUT!

Contains no materials or parts which are subject to wear. Always delivers the same, unvarying output of current. Employs the use of the famous Raytheon tube to rectify the current. There is no filament to burn out, sag, or wear, therefore lasts forever. Has full wave rectifications, exceptionally efficient. Uses but a few cents worth of current a week. No liquids or chemicals. This is a genuine high capacity eliminator and a quality product throughout.

Delivers Smooth, Steady "B" Current—No Hum

The materials used in making the Raytheon are the finest unit parts, laboratory matched; the case with its rich, genuine Brewster Green Duco finish; the metal fittings of polished nickel; the genuine RAYTHEON tube. Comes completely wired and ready to use from 60-cycle, 110-volt alternating current. The filtering system with its extra capacity, 1000-volt test condensers, and massive, oversize 40-Henry chokes smooth out every ripple and hum from the alternating current. There is nothing to deteriorate, wear out, or replace; Raytheon is good for a lifetime of service, and fully guaranteed. Capacity, 50 milliamps up to 200 volts for 15-tube sets or less.

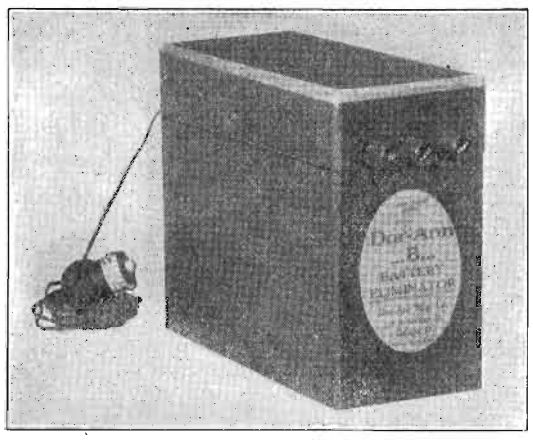
Send money order for **$22.95**, west of the Rockies add 10%, direct to factory NOW, and shipment will be made at once, or order C. O. D., if you wish, and pay charges on delivery. Write today—NOW—while this offer is in force.

Belmont Scientific Laboratories
1303 Wilson Ave., Dept. RD, Chicago, Ill.

Belmont Scientific Laboratories,
1303 Wilson Ave., Dept. RD.
Chicago, Ill.

☐ Ship at once, post paid, $22.95 (check enclosed). West of the Rockies add 10%.
☐ Ship at once, C. O. D., for $22.95, plus slight express charges.

Name.....
Address.....
City.....State.....



Laugh This One Off—

For $8.95 Complete

A Dor-Ann "B" Battery Eliminator with an output of 100 milliamperes and a condensing capacity of 180 microfarads. Will operate any radio set, from 1 to 20 tubes on A.C. or D.C. current.

Neat, sealed and ready for use. It weighs 6 lbs. Measure, 3½x8½ by 7 inches. Beautifully designed in maroon and gold container. Approved and passed by rigid laboratory tests. Equal to any "B" eliminator, regardless of price.

MONEY BACK GUARANTEE

You are fully protected. To prove our claims for the Dor-Ann "B" Eliminator we will allow you to make a full months test. If at the end of the month you are not satisfied we will refund you your money.

Shipment made direct on receipt of $8.95 or C. O. D. if preferred. Use coupon at right.

DOR-ANN MFG. CO., 208 N. Sheldon St. Chicago, Ill.

Dor-Ann Manufacturing Co.
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[ ] Send at once, payment enclosed.
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Name .....
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17/3/26

"GOODY GOODY GIRL"

(Continued from Page 8)

there preaching to me, have drunk of the liquor that I've run into this town."

"I have, but I shan't again. In every glass I'd see a picture of men dead beside a road, bullets in their bodies; other men trying to staunch their wounds——"

"I see," said Jermin gently. "Then, it's no use——"

"NONE. This must be goodbye. I've had a fling at the sort of life that you and Mr. Becker and Mrs. Gayton and all your crowd lead. It isn't my kind. You've heard me speak of the goldfish that drove me from home. That's what it seems to me all of you are—goldfish. Swimming around and around in a glass bowl of your own and content never to get anywhere—but I mustn't preach again. Goodbye, Mr. Jermin. You needn't think of me again or be afraid that I'll talk; about last night, I mean. That is water over the dam."

Victor Jermin held out his hand. "The ten dollars I owe you," he said. "Goodbye, Miss Sylvester." He bowed and held open the door for her to pass through.

Further and harder renunciation awaited her at Mrs. Trickett's rooming house. Before it stood Mildred Gayton's limousine; in the shabby little parlor, Mrs. Gayton herself.

"My dear, my dear," she cried. "When I went to your room . . . to go on my knees to you . . . beg forgiveness . . . oh, I've had a terrible night . . . Suzette took pity on me at last . . . told me where you were——"

"I'm sorry," said Lois. "Not that Suzette told you, but that you have been distressed, and I'm glad that our parting last night was not final—that we have this chance to say goodbye, that I can thank you for——"

"My dear! You're not putting me out of your life?"

"Absolutely! It's not you but what you stand for, Mrs. Gayton——"

"Mrs. Becker, if you please."

"Mrs. Becker?"

"NEIL married me this morning, just as soon as a license could be obtained. Oh, Lois! I'm married, respectable, no longer a—a—kept woman. I'm so happy. He's promised so often we would be, then evaded. What happened last night—I'm so sorry you had to go through it—gave me the club I needed. Neil was repentant, remorseful. He real-really loves me, I think. It really was no trick at all—oh, you've repaid me a thousandfold——"

Lois bent suddenly and kissed her. "I'm glad. I wish you all the happiness in the world, Mildred."

"So we can go on being friends, continue with our plans," Mrs. Becker said. "I know you won't come back with me, but I've brought your clothes and Neil sent a check for that sixteen hundred——"

She broke off and her eyes widened as Lois resolutely shook her head. "Don't tempt me, Mildred. It can't be. When you leave here we're through with each other. I'm on my own. I've got to fight my battles alone. I want to. Don't try to weaken me. I must be strong——"

"But, my dear, what are you going to do? You're only a little country girl. The city is harsh, cruel. Do you recall what I said that first day you reached Chicago—that it had another side which I hoped you never would see. Let me help you escape that."

"No. If I must see it, I must. I can face it. I can beat it, too. There's success of some kind, somewhere, ahead of me."

THE other woman sighed. "I have an idea you'd never change your mind," she said resignedly. "I won't try to change it. Do you know, in a way I'm glad. You're proving I was right in my estimate of you and while my heart is sad that you won't let me help you and because I dread for you what lies ahead—anyhow, I'll be pulling for you. Pulling and, now that I'm—clean—again myself, I think I can even do a little praying, too. If ever the tide gets too strong, you feel yourself weakening—come to me."

"Thanks," said Lois; but knew that even if she felt herself sinking she never would do it.

"Well, here's your check."

Lois took the slip of paper, hesitated only the barest fraction of a minute, then slowly tore it to pieces.

Mrs. Becker stared at her aghast. "Why on earth—" she began. "That's yours . . . you won it——"

"No," said Lois, "I didn't win it. I was watching Mr. Becker when he went to put it up. He didn't bet my ten dollars. He didn't go near the cashiers' windows. He thought that I was sure to lose. The sixteen hundred is out of his own pocket. Yesterday I would have taken it on the grounds that he ought to lose for not putting up my bet. Today—I'm seeing things in a different light. I'll take the original ten if you want to give it to me, but the rest——"

"Well, you **are** a little goody-goody girl," said Mrs. Becker.

And at this critical period Raymond Lancaster seeks out the little Goody Goody girl—what can she do? What will she do? Which is the right path to choose? How can she live and be herself? It is a thrilling climax and you are promised a real surprise in the next issue of Radio Digest.

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Show wave length you are tuned to. Tell where to set dials for every station. Identify programs received without announcement.

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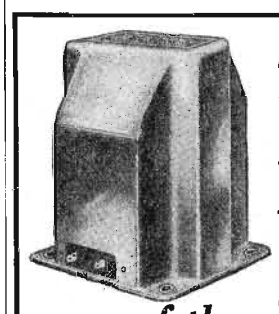
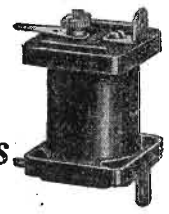
International Resistance Company
Philadelphia, Pa.

DURHAM METALLIZED RESISTORS



Success with Bruno Regenatrol demands use of the specified Samson Transformers and Chokes



The pleasure you get from your set largely results from its tone quality. This depends principally on two things—keeping all radio frequency currents in their own circuits, a job only Samson R.F. Chokes can perform because of their patented helical winding, and amplifying impartially all notes. Only the Patented Helical Winding of Samson Audio Frequency Transformers equally amplifies all notes through nullification of distributed capacitance effects.

Price, Choke No. 85, $1.50
Transformers, all ratios, $5.00

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The House of All Popular Kits

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Regenatrol Receiver

As Described in This Issue by Joseph Calcaterra

Complete Kit of Parts Ready to Wire With Instructions..... **$60.00**

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and others, speakers, eliminators, batteries, etc.	

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Always in Stock

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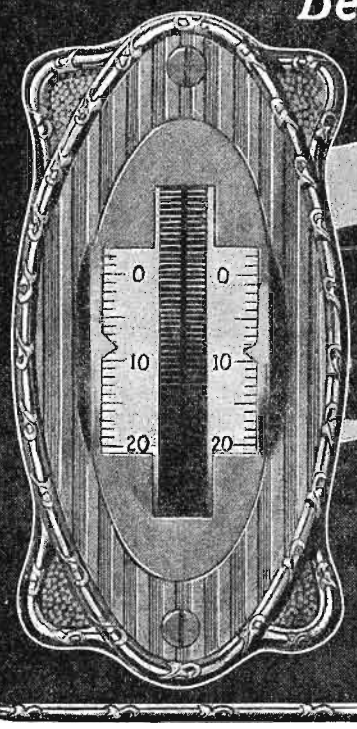
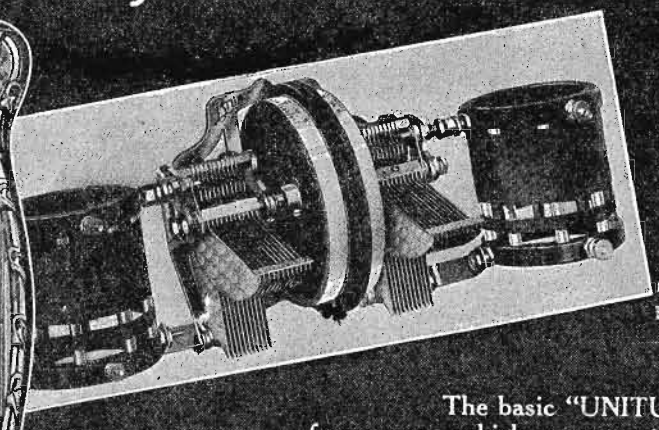
THE *Simplicity* of tuning
THE *Efficiency* of the Bakelite Shaft Condensers and Quatzite Coils
and the *Beauty* of the Bronze Front Plate

"Bruno" UNITUNE THE HEART OF THE CIRCUIT





Makes the "UNITUNE" the most desirable tuning device ever designed.

ALL BRUNO "UNITUNES" may be mounted on a panel with only two screws.

The basic "UNITUNE" consists of a frame upon which are mounted two condensers operated independently by two bakelite drums projecting thru a beautiful bronze plate. It may be obtained in all standard capacities. Completely assembled it lists at $11.00.

Other "UNITUNES" assembled with one or more Quartzite Coils for all popular circuits range from $12.00 to $21.00.

Booklet of Instruction and Blue Prints—25c

BRUNO RADIO CORP., LONG ISLAND CITY, N. Y.

FIX SET FOR RESULTS

(Continued from page 9)

B batteries should be tested while in service or immediately after disconnecting from the receiver. The reason for this is that a B battery possesses a certain amount of recuperative power when idle, but the moment it is again placed in service it will drop back to its true value.

The "cut-off value" or voltmeter reading at which a B battery has served its useful life is approximately 75% of when brand new. Thus a B battery which when new indicated a voltage approximating 45 volts would be considered as having served its useful life when it had dropped in voltage close to 33 volts. B batteries require no servicing other than that they be kept clean and placed not close to radiators. This precaution should be taken because a dry B battery is in reality a "wet" battery inside but sealed. If placed close to any device radiating heat it is but natural to assume the moisture would soon be evaporated and the life shortened.

The function of a C battery has been shown as that of establishing "grid biasing." In design and construction it does not differ from that of a B battery, but is only supplied in voltages of 4½ or 7½ as maximum. Their life when connected in a Radio circuit cannot easily be determined. In such service they supply no current, hence their life represents the "shelf" life of the battery, which may be anywhere from one to two years or longer.

Eliminators; Vacuum Tubes

The present market affords several makes of both A and B battery substitutes or eliminators which, if offered by reputable manufacturers, may be depended upon to render very satisfactory service. To describe each of these substitutes in turn would hardly be of interest to my readers in an article of this general type.

Vacuum tubes for Radio usage have now reached a stage wherein no one can afford to experiment with those which are offered at bargain prices. Buy your tube requirements from a responsible dealer, the best will ever prove a wise investment. And don't "rejuvenate" them every week.

(To be Continued)

The Reader's View

Bouquet for Shenandoah

The one station we lost, WJZ, we do not miss as the two that interfere, KMA and KFNF, come in good generally, and we feel that they are more suited to our district and our needs. With KOIL it is somewhat different, for while they are a good station, they interfere badly at times with WGN and KDKA.

I don't see why one station should be given unlimited power to reach across the continent and drown out some local station that has the needs and desires of the community at heart. We lost some distant stations but gained some more suited to our needs.—O. E. S., Monticello, Minn.

Agreeing with P. B. G.

I heartily agree with P. B. G. Iowa is the worst for wave jumpers. KOIL puts on fair programs but cannot compare with KDKA, WGN and KPRC. Here is a complete list of stations interfered with by the jumpers:

KOIL interferes with WGN, WLIB, KTAB, KDKA, KFDM, KPSN, WGR, WSMB.

WAAW interferes with CKY, WMBF, WTAM.

KSO and KMMJ interfere with WHT, WLIT, WFI, WOAI, WHAS and PWX.

KFNF and KMA interfere with WJZ, WQJ, KFI, WRC, WCAE, WAPI.

The Shenandoah stations are the worst of all—and usually selling something.

I know how to operate my receiver, and it is a good one. I have had international reception (Cardiff, Wales, and Lima, Peru), prior to the wave jumping orgy, but it's all over now. There is no use in having a receiver unless you can get WJZ, KDKA and WGN. Such stations are truly worth while.—Mrs. C. V. N., Omaha, Nebr.

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Beautiful registered bull pups, $15. Bulldogs, 501 Rockwood, Dallas, Texas.

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Earn $25 weekly, spare time, writing for newspapers, magazines. Experience unnecessary. Details FREE. Press Syndicate, 1269, St. Louis, Mo.

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NEW RADIO WITHOUT BATTERIES. Why waste several hundred dollars when you can get all the radio you want on a Lambert costing only $2.95 postpaid. Big stations 600 miles away come in loud. Needs no tubes or batteries. 250,000 homes already have them. Order direct from this adv. Crystal Radio Company, Wichita, Kan.

Would like to communicate with anyone desiring to exchange Radio Stamps. Write B. Reuter, 1086 E. 31st St., Brooklyn, N. Y.

Super-sensitive one-tube receiver. 1,500 miles guaranteed. Price, $18, tube included. Write James Marek, Oconto, Wis.

Prove your reception by the most practical and convenient method: Proof of Reception Cards. Contains spaces for complete reception record, dial settings and signature of announcer. Handy size, 3x5 inches. Send 25 cents for sample package. Radio, 2617 Hollywood Ave., Chicago.

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FULL SIZE ANTENNA-130 FT. STRANDED COPPER WIRE

NOT AFFECTED BY WIND, RAIN; SNOW OR LIGHTNING

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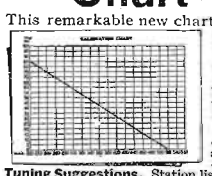

This remarkable new chart shows where to set dials for different stations. Find stations immediately. Tune in more clearly. It is included absolutely **FREE** with our **new 64 page revisable Log and Radio Information Book**—our DeLuxe $2 flexible cover (gold letters) edition at special introductory ½ price of only $1. Loose leaf. We publish corrected sheets as changes in calls, wave lengths, owners, addresses, etc., occur, and as new data comes out. 468 stations, 4 dial settings, remarks, etc. **Tuning Suggestions.** Station lists alphabetical by wave lengths—by states, cities, etc. Trouble aids. Dictionary radio terms. Repair hints. Diagram for ideal aerial. Care of batteries, etc. Other valuable information necessary to enjoy radio. Doubles radio pleasure.

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enables you to definitely locate each station on your dials and to reduce the squeals and howls of "hit-or-miss" tuning. It is

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Two-page, two-color broadcasting station map gives distance, direction and time divisions.
Two-page "Radio Doctor" tells how you can determine and remedy the common troubles of radio sets, batteries, tubes, etc.
Complete information regarding each station including new licenses and latest changes listed and cross-indexed three ways.
If not sold by your radio or news dealer, copies mailed post-paid for 25c each, stamps or coin.

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1438 Walnut St., Kansas City, Mo.

Yale GROUND HOG "The Perfect Ground" **DOUBLES POWER AND DISTANCE**

Marvelous newly-invented ground gives 100% improved reception. Doubles power and distance. Stops leakage. Reduces static. Stops jangling even in midsummer. Results never before equalled, users say. Satisfaction guaranteed.
Proven absolutely essential to clear, powerful distance reception. Draws and holds moisture indefinitely. Highly sensitive to radio energy.
SEND NO MONEY—To introduce, we offer to those who act at once, regular $5.00 size for only $2.00. Send name today and pay $2.00 plus 17c postage on delivery. Or send only $2.00 with order and save postage.
FREE—Full description of Ground Hog and amazing special low priced battery offer on request—write today.
Yale Specialty Supply Co.
123 W. 5th St., Kansas City, Mo.

NEW INFRADYNE KIT

ALL GENUINE PARTS IN STOCK NOW!

FREE WHOLESALE CATALOG Listing thousands of new radio parts, kits, furniture, accessories and complete radio sets, at prices that save you money. Write for your copy now, it's free. Dept. 6.

THE HARCO CO., 1255 S. Wabash Ave., Chicago, Ill.

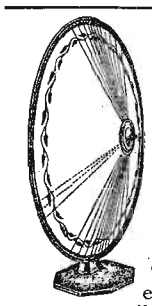
American RADIO — Now— **50% DISCOUNT ON RADIO!**

AMERICAN AUTO & RADIO MFG. CO.

BIG NEW 1927 CATALOG-FREE

Dealers, Agents, Set Builders—get our big 1927 Catalog—225 nationally advertised lines. Lowest prices in America! Largest, most complete stock. Radio's latest developments. It's FREE—send for your copy now.

AMERICAN AUTO & RADIO MFG. CO., Inc.
1444-A McGee Street, Kansas City, Mo.



Wheelan Super-Cone Only $10 Guaranteed

equal in tone and volume to cones selling at double the price *or money back.* Hear it at your dealer's. Insist on seeing guarantee tag.

Wheelan Mfg. Co., 254 W. 34th St., New York

SEE JAY POWER UNIT

Here to Stay

A combination alkaline element battery and trickle charger all in one. Price, shipped dry with solution, $16.00. Tube extra, $1.00. 100-volt with chemical charger, $12.00. 140-volt, $17.00.

Write for our illustrated 32-page booklet and Send No Money. Pay Expressman.

SEE JAY BATTERY COMPANY
919 Brook Avenue New York City

Famous MARWOOD Now Sold on

Easy Terms

1 Dial 6 Tube $43.85

Get Agents Prices-Save 50%

Great news! Now own a famous Marwood at the world's lowest price for real quality—and pay on easy terms. The only Radio sold direct on easy terms—proof that the Marwood MUST be a wonder. A year ahead with 4 big exclusive improvements — Super-Selectivity, Power-Tube Volume, New Easy-Tuning Principle, New Tone Quality. Save half—and get a Radio that can't be beat at ANY price. Panel etched in gold.

Both Models Shipped **Complete With All Accessories** *On 30 Days Free Trial*

30 Days Free Trial

We trust you. Prove the Marwood the best buy in America. Don't buy a Radio till you get our Easy Terms, 30 Days' Free Trial, Agent's Confidential Low Prices, Free Radio plan, new Catalog. Agents—Write quick for territory.

6 Tube 3 Dial $36.85

MARWOOD RADIO CORPORATION
1747—48 Morse Ave., Chicago, Ill.

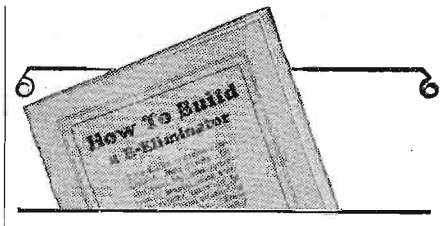
New Device Locates Any Radio Station

Amazing Results Secured By Simple Invention of Kansas City Expert

An amazingly simple device that will enable you to determine instantly the proper dial setting to reach any broadcasting station has been perfected by a Kansas City radio expert. With it all you need is the wave length, given in all broadcasting programs, to tune in exactly on any station that you select.

This new device eliminates all logging, keeping bothersome charts or tables, and shows you how to locate many stations you have never found.

Simply send your name and address with one dollar to the Radio Specialty Co., 540 Dwight Bldg., Kansas City, Missouri, and this device will be sent you postpaid. If after using it for five days you are not convinced it is the greatest value ever offered, return it and your money will be refunded.



SEND FOR THIS RADIO FOLDER

Contains seven hookups for B-Eliminators published in a prominent radio magazine.

When You Build a B-Eliminator

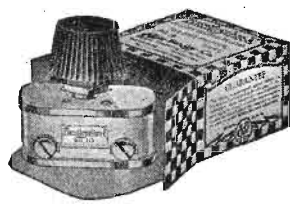
Use Bradleyohm-E for Variable Resistors and Bradleyunit-A for Fixed Resistors

Always insist that Bradleyohm-E and Bradleyunit-A are included with your B-Eliminator kit, if you want to be assured of perfect voltage control. The leading manufacturers of B-Eliminators have long since adopted these Allen-Bradley variable and fixed resistors as standard equipment for their B-Eliminators.

Ask your dealer for Allen-Bradley Perfect Radio Devices, today.

Bradleyohm-E

PERFECT VARIABLE RESISTOR



For B-Eliminator service requiring wide voltage control, Bradleyohm-E is essential. It is an oversize Bradleyohm with sufficient capacity to handle all normal B-eliminator requirements. Be sure to ask for Bradleyohm-E in the checkered carton. Your dealer can get them for you.

Bradleyunit-A

PERFECT FIXED RESISTOR

This solid, molded, fixed resistor has no glass or hermetic sealing in its construction. It is a solid unit with silver-plated end caps and is not affected by temperature, moisture and age. By all means, use Bradleyunit-A when you need a fixed resistor.

MAIL THE COUPON TODAY

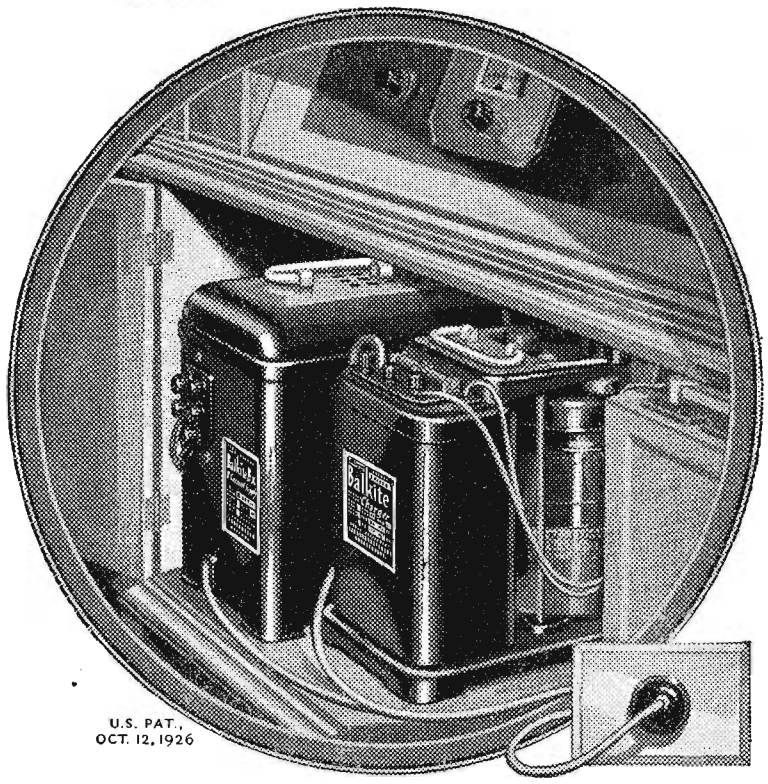
Allen-Bradley Company
290 Greenfield Avenue
Milwaukee, Wisconsin

Please send me, FREE, your radio folder with seven B-Eliminator hook-ups.

Name.....

Address.....

.....

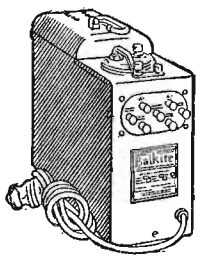


Make *your* radio set *a light socket receiver now*

with Balkite "B" *and the new* Balkite *Trickle and High-Rate Charger*

Balkite Trickle Charger $10

With 6-volt "A" batteries can be left on continuous or trickle charge thus automatically keeping the battery at full power. With 4-volt batteries can be used as an intermittent charger. Or as a trickle charger if a resistance is added. Charging rate about .5 ampere. Over 300,000 in use. Price $10. (West of Rockies $10.50. In Canada $15.)



Balkite Combination

Once connected to your "A" battery, supplies automatic power to both "A" and "B" circuits. Controlled by the filament switch on your set. Entirely automatic in operation. Serves any set now using either 4 or 6-volt "A" batteries and requiring not more than 30 milliamperes at 135 volts of "B" current—practically all sets of up to 8 tubes. Price $59.50.

All Balkite Radio Power Units operate from 110-120 volts AC current with models for both 60 and 50 cycles. The new Balkite Charger is also made in a special model for 25-40 cycles.

To enjoy the convenience of operating your radio set from the light socket add the new Balkite "B" and the new Balkite Charger.

Balkite "B"—the proved "B" power supply—eliminates "B" batteries entirely and supplies "B" current from the light socket. The new Balkite "B"-W serves any set of 5 tubes or less requiring 67 to 90 volts; Balkite "B"-X sets of up to 135 volts and 8 tubes [illustrated]; Balkite "B"-Y any standard set. Most owners of even small sets will buy Balkite "B"-X which will take care of nearly any set you buy in the future.

The new Balkite Charger, with both high and low charging rates, is easily the greatest charger value in radio. It combines the advantages of both trickle and rapid charging. At the low rate, on trickle charge, it automatically keeps your "A" battery fully charged, and in effect converts it into a light socket "A" power supply. Its high rate provides an ample reserve of power for the largest sets.

Both Balkite "B" and the Balkite Charger are entirely noiseless in operation. *Both are permanent pieces of equipment, with no bulbs and nothing to wear out or replace.* Other than a slight consumption of household current, their first cost is the last. Both are built to conform with the standards of the Underwriters' Laboratories.

The greater portion of the radio season, including the months in which reception is best, is still before you. Add these two Balkite Units to your receiver now. Then you too will know, not only for this year, but for years to come, the pleasure of owning a radio set always ready to operate at peak power. Ask your dealer. *Fansteel Products Company, Inc., North Chicago, Illinois.*

WALTER DAMROSCH
and the
NEW YORK SYMPHONY
on the air

Every other Saturday night a symphony concert. On alternate Saturdays one of Mr. Damrosch's famous piano recitals on the great Wagner Music Dramas. Over stations: WEAF, WEEI, WGR, WFI, WCAE, WSAI, WTAM, WWJ, WGN, WCCO, KSD, WDAF, WOC.

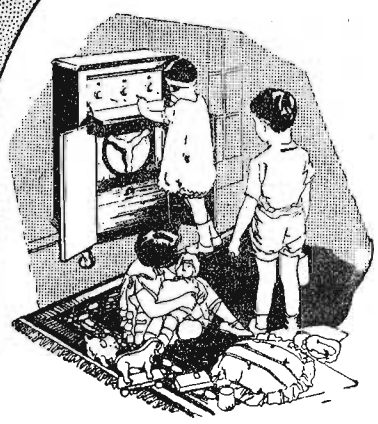
Balkite Hour
SATURDAY EVENINGS
9 P.M. *Eastern* (8 P.M. *Central*) *Standard Time*

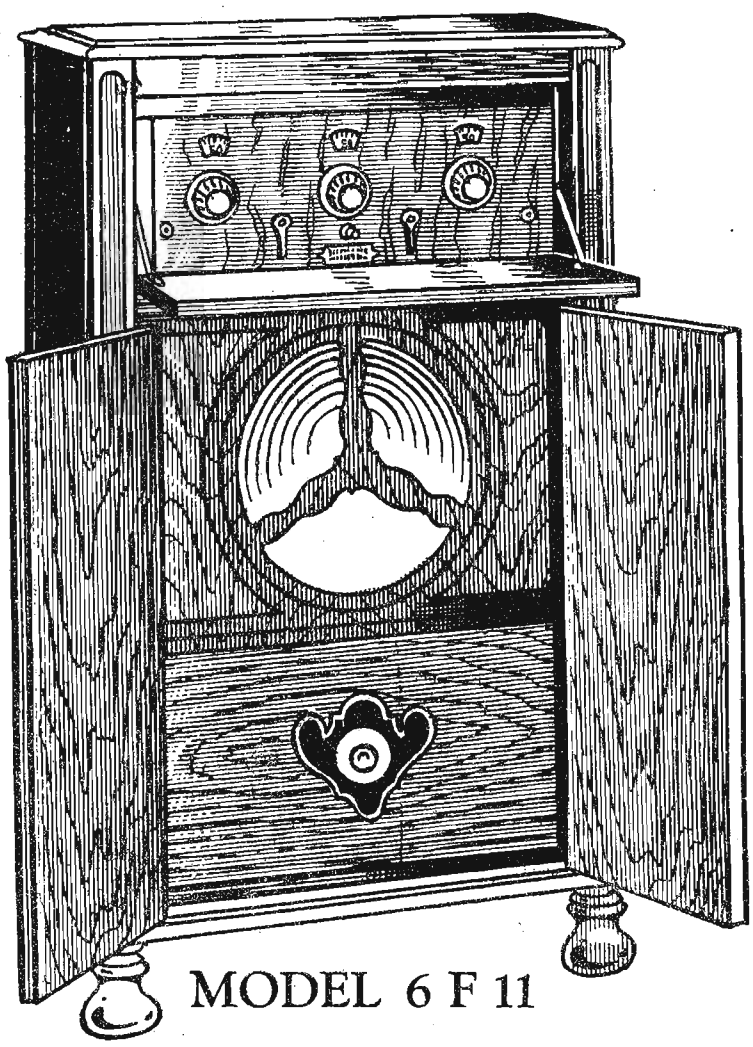
Balkite Charger $19.50. (West of Rockies $20. In Canada $27.50.)
Balkite "B-W" $27.50, "B"-X $42, "B"-Y $69. (*In Canada* "B"-W $39, "B"-X $59.50, "B"-Y $96.)

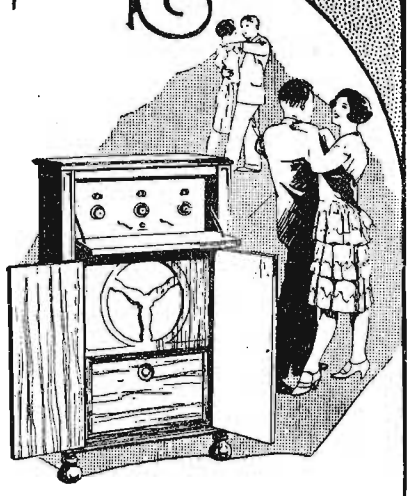
FAN STEEL
Balkite
Radio Power Units

THE BALKITE LINE OF ELECTROLYTIC DEVICES IS PROTECTED BY RMA EDGAR W. ENGLE U.S. REISSUE PATENT NO. 16,438, DATED OCT. 12, 1926

New and Improved FRESHMAN MASTERPIECE

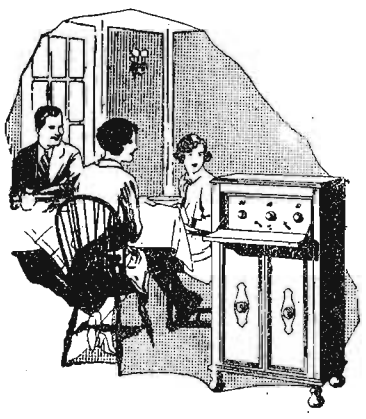


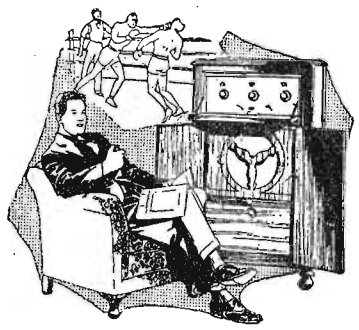




Uses C-Battery and Power Tube

Shielded all metal Front and Sub-panel





MODEL 6 F 11

Operates by Electricty if you prefer

This new QUALITY set is so designed to operate from your light socket by installing the new Freshman "ABC" Power Supply.

$119.50

Genuine R.C.A Radiotrons

are recommended for use with Freshman Masterpiece Receivers.
A special package containing—1 UX 112 power tube, 1 UX200A detector tube and 3 UX 201A amplifying tubes—matched and tested for the set in which they are shipped, is sold by Authorized Freshman Dealers.

Makes Life More Pleasant

—it is massive—it is beautiful—an article of furniture you will be proud to own. This "masterpiece of masterpieces" surpasses all expectations—the most perfect radio ever designed.

—takes you on mysterious journeys; miles and miles—North, South, East and West; comfort and rest in your easy chair.

—the world's finest entertainment yours—opera, dance music, concerts, lectures, sports; just take your pick.

—easy to tune with its three distinct controls;—brings in the stations wanted day after day at the same dial points—eliminates overlapping of wave lengths which assures distinct separation of one broadcasting station from all others.

—its tone quality makes it wonderful—the large cone-speaker has been designed to exactly match the new Freshman Receiver. This special cone-speaker easily handles the full power that the new set delivers.

—make life more pleasant—with a Freshman Masterpiece Radio.

Sold on Convenient Terms by Authorized Freshman Dealers

CHAS. FRESHMAN CO., Inc., FRESHMAN BLDG., NEW YORK
2626 W. WASHINGTON BLVD., CHICAGO

The World's Greatest Radio