

Voice of Alleghenies; Jazz at O. S. U.

Radio Digest

TWICE
A MONTH

I

ed

FIFTEEN
CENTS

SECOND AUGUST NUMBER

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

Vol. XVIII No. 3



Beginning "Pretense," a Romance of the Chicago Supper Club, by Maurice R. Coons; Don't Guess—Measure Voltage; Conclusion of "The Fall Guy"; Gold Cup Standings

No. 13 OFFICIAL BALLOT

Announcers' Contest

RADIO DIGEST THIRD ANNUAL GOLD CUP AWARD

GOLD CUP AWARD Editor, Radio Digest,
510 North Dearborn Street, Chicago, Ill.

Please credit this ballot to:

.....of Station.....
 (Announcer's Name) (Call Letters)
 Signed
 Address
 City State.....

8-15-26

LEADERS SPEED UP IN DIGEST CLASSIC

WESTERN ENTRIES HARD PUSHED BY N. Y., MASS.

Gold Cup Derby to Be Hot Finish With Dark Horses Forging to the Front

There they go! There they go! Keep your eyes on the winners. The Radio Digest Gold Cup derby for the world's most popular announcer is heading for the last lap around.

Anything is likely to happen from now on. Arkansas and Iowa still hold the lead, with Massachusetts and New York close behind.

Gaylord of WTAG, Worcester, nosed out his fellow Easterner, Brokenshire of WJZ, New York, on the last lap, for third place.

Arnoux of Hot Springs made a remarkable spurt on the backstretch and comes around past the grandstand leading by a gain of 35 per cent over his previous standing. But he had to do it. May of KMA, Shenandoah, was crowding him. May jumped more than 12,000 votes over the lead Arnoux had on the last time around. Arnoux snapped ahead with a gain of 16,086 votes. May picked up 10,900 new ones.

Gaylord added 7,258 new votes while his leading competitor, Brokenshire, only gathered 3,633 extras. It's going to be a hot race from now on between these four with the ever constant possibility that any one of the twenty-one other entries may spring a surprise by a grist of bonus votes forcing them ahead of the pacemakers.

Gaylord Dark Horse

Gaylord has been the dark horse from the start. Trotting along in sixteenth place he made a sudden spurt in the tenth lap, passing a whole string of others, so that he swept past the grandstand in sixth place. He then steadied into the leaders' pace but worked gradually ahead to fourth place on the eleventh lap, and now he is into third. Is that his best? The next time around will show Eyes of the East are betting on him strong and are holding Brokenshire in reserve.

Pat Barnes of WHT, Chicago, is considered another mystery candidate and although he seems to have been satisfied with trailing the four horsemen in the lead, some of the fan letters state that they are counting on him for a whirlwind dash at the last quarter-post. He gained 10,030 votes the last time around, which was almost as much as Gaylord and Brokenshire together.

There are very few changes among the trailers. Old King Cole at WHO, discovering that he was at the tail end the last time around, took a fresh breath and scampered up ahead of Sen Kaney and Eugene Konecky. Kaney kept right up close, leaving Konecky to take the dust of the whole field.

How They Stand

Here is the order as the judges called them off on the last lap, with figures in parenthesis indicating the position the previous time around:

1. G. C. Arnoux, KTHS (1).....63,247
2. Earl E. May, KMA (2).....46,865
3. C. Gaylord, WTAG (4).....35,294
4. N. Brokenshire, WJZ (3).....33,091
5. Pat H. Barnes, WHT (5).....28,522
6. A. S. Kyne, KMMJ (6).....14,563
7. Henry Field, KFNF (7).....13,065
8. The Hired Hand, WBAP (8).....12,756
9. Phillips Carlin, WFAF (9)..... 8,084
10. Peter MacArthur, WOC (10) 6,789
11. C. R. Randall, WSMB (11) 5,561
12. Louis J. Johnen, WLW (12) 5,223
13. R. W. Griffin, WHO (14)..... 4,472
14. Gayle V. Grubb, KFAB (13) 4,091
15. Lester Palmer, WOAW (15) 3,825
16. Lambdin Kay, WSB (16)..... 3,146

ZIEGFELD GIRL IS ON THIS FRONT COVER

ABOUT as big as a minute but gifted with a voice that has charmed the elite of both visible and invisible audiences the little song bird on the Radio Digest cover this issue found her wings "on the air." She is Miss Olga Steck of New York. She knocked in vain at the doors of the booking offices on Broadway and then found her way into the ears of the theatrical barons by singing over WJZ. Radio fans went wild over her. The magnates sought her out. First she was featured in the "Springtime of Youth," then straight to the Ziegfeld Follies, later starring in "Little Jessie James," then "China Rose," and "The Matinee Girl." But she's still a Radio girl although next season she is to be in grand opera. She walks under a five foot level without stooping and weighs one hundred and nothing.

WQJ Feature Attraction

CHICAGO.—The First National violin quartet are the feature attraction each Tuesday and Wednesday evening on the 10 o'clock program at WQJ, the Calumet Baking Powder and Rainbo Gardens.

- 17. W. G. (Bill) Hay, WGN (17) 2,417
 - 18. Edw. B. Husing, WRC (18) 2,346
 - 19. J. T. Schilling, WHB (20) 2,215
- (Continued on page 13)

SHORT WAVES

By Marcella
Per O. M. G.

Thunder and tarnation! Goldie Locks has packed up her vanity case and gone fishing, leaving a bulging folder all tied up with pink ribbon for a Mere Man with a low bass voice and black, curly whiskers to play Mrs. Grundy.

Just for that I'll start in on Marcella. I like the kid with her big, baby blue eyes, her fluffy, bronze hair—and, Oh Boy! She wears 'em rolled! Well, girls and boys, she's gone fishin' and all I gotta say is—pity the poor fish. We all kinda miss her with her giggling and good natured jesting and it's so quiet around the office now.

"Brown Eyes," Norwalk, Ia. Lo and behold no sooner had your letter been opened, inquiring about Bobbie Griffin, announcer at WHO, Des Moines, Ia., than in walks the answer in person! He's foot-loose and fancy-free, too, Brown Eyes. Never been booked by Hymen, has no anticipations, he says. Has a steady, blue-gray eye and blushes furiously if you merely mention girls. He's a real war hero, signed up with his dad who is a doctor. Both served in the ambulance corps. The Heinies nicked him, too. He doesn't care much about dancing but likes to fish when the girls aren't around to rock the boat. No, I didn't tell him your real name.

E. L. Tyson, announcer for WWJ, The Detroit News, has inspired a number of fair letter writers. Miss Polly writes: "I have a wager on him. Is he married and if so, how long? Age, eyes and hair—large or small? Be good and tell us, I am betting on him strong." And "A Good Listener" writes: "Is he married or single and, if married, does he live with his family? What college did he graduate from and did he serve in the war?" These questions were all put to Mr. Tyson and he replied: "Was supposed to be educated at Penn-State College a number of years ago, saw service with the Pennsylvania National Guards (103d Trench Mortar Battery) in France and Belgium. Living happily with wife and the greatest twenty-month old loud speaker in the country." Sorry, girls, but it's best to be perfectly frank. You gotta be square with the missus even if you are a popular announcer or have to sit several hours a day looking at Marcella or some other good looking girl in the office.

"C. C." writes to get a line on Frank Dahm of WGN. "Is he married?" she asks, and goes on: "That seems to be the usual question to ask about one's hero, how old is he, color of his hair, favorite pastimes, how tall and all the rest of the description that goes to make up an 'ether crush.' Does he, or would he correspond with any of his admirers?" Not hard-hearted Frank, "C. C." He just never does write to the girls. He said so himself and he's all wrapped up in Radio; talks to it, on it, of it and in it and nothing else but, so it seems. He lacks an inch and a half of six feet, has brown hair, blue eyes and when I asked him if he was married he positively barked, "NO!" He's the publicity director for that Drake Hotel attic broadcaster. You ask some other questions: Don Bestor and his orchestra are not on the air at present. Jack Chapman's at WMAQ and I couldn't find out about Maurie Blumenthal.

Here is another from Penn-State, Mr. Louis L. Kaufman, announcer at KDKA, Pittsburgh. He specialized in philosophy and they gave him a degree of bachelor of arts. He still is a bachelor, you know what I mean. And that will interest Adoree of Warrington, Fla., and Lucille of Weyer's Cave, Va., who have besought the details from Marcella. "And a perfect gentleman he is," quoth Mr. W. W. Rodgers, station publicity director. "He has a very gracious manner, big soulful brown eyes, brown hair, is of slight build and recently acquired a Chevrolet coupe." And Oh girls, he's 22 and not married! Mr. Rodgers says, "He does not love the great out-of-doors and he does not get lost in a big city. I believe he likes animals but don't know the particulars. He is good to his folks, plays golf, is a student of law, is not a professional alumnus of his alma mater and has the aplomb to be at ease in any company." It seems as though fair-listeners quite dote on Louis. It began with his first appearance in the studio. A woman member of the KDKA staff saw him and heard his voice as he consulted one of her conferees about a matter that had nothing whatever to do with Radio. "That boy has a wonderful Radio voice!" she exclaimed when he had passed out the door. The opinion soon brought Louis back again. He came, he spoke, he conquered.

Winifred T. Barr, pianist, is back at WFAF. I understand she was her husband's (Mr. Howard Hunter) "accompanist" on a recent business trip to the Pacific Coast and Movieland—Oh! You wives! From all accounts there was as much pleasure as business. They climbed mountains, sailed in glass bottom boats, called on Major Mott at Catalina and strayed all the way to San Francisco.

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Looking Ahead

Romantic America Will Have All Eyes on Atlantic City During the Early Part of September when the annual beauty contest there will determine the fairest of the fair and place the crown "Miss America" on some queenly brow. Station WPG will be a favorite haunt of these exquisite damsels and you will read about it in the next Radio Digest.

New York Recently Celebrated the Second Anniversary of Its Municipal Broadcaster, WNYC, and a story of the remarkable success of this important Radio enterprise will be told in the issue of Radio Digest out August 31.

California Claims to Have the Oldest General Entertainment Broadcasting Station in the world at San Jose. A history and pictures of this interesting pioneer is being prepared for early publication in Radio Digest.

"GOODY GOODY GIRL" Is the Title of a Smart New Serial Written Especially for Radio Digest by Merlin Moore Taylor. It's a romance founded on the experiences of a charming little country girl who was whirled into a dizzy vortex of night life in a big city and it begins in the September 1 issue of Radio Digest.

All the Sham and Bluff Are Torn Away in the Final Chapter of "PRETENSE" by Maurice Coons in the September 1 issue of Radio Digest. The Prince and the Lady and the Million Dollar Hoodlum meet face to face for the final showdown. Get the beginning of the story in this issue.

Watch for Radio Digest Announcement of Its Next "WHO'S WHO IN RADIO."

Wonder What the New Sets Are Like? A review will appear in an early number showing and describing the new and better features embodied by the leading manufacturers in their 1927 model receivers. Every one will want to see this.

Helps for the Beginner—How to Operate Your Set—are topics which the "non-technical branch" of the technical department is preparing to pave the way for your better success in reception. One next issue, out August 31.

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 included. All manuscripts are sent at owner's risk.

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RADIO IS FILLING ALL CHURCHES

RADIO WORLD'S FAIR STARTS BIG SEASON

ELABORATE AIR TREAT PREPARED FOR FANS

Industry's Chiefs Work Hard to Give Listeners Many Surprises—
Listen Sept. 15

By Eric Palmer

NEW YORK.—Radio may annihilate space and nightly assumes a place as a miracle of science, but it takes months of preparation, sometimes, to provide those features which are sent out on the ether for the delight of millions. The human equation figures first of all.

This statement regarding lengthy preliminary activity applies in certain instances to the elaborate programs such as those sponsored by national advertisers.

It pertains more largely, however, to the very important matter of arranging for the feast of the fans that will mark the two biggest Radio weeks of the immediate future—in New York, September 13 to 18, 1926, and in the official Radio Week early next year, when transcontinental tests, if not international experiments, will be tied up with de luxe entertainment from a hundred stations in the United States and Canada.

Already leaders of Radio are busy outlining the plans for the treat in store for the invisible audience.

Plan Biggest Radio Week Ever

At the recent conventions of the Radio Manufacturers' association in Atlantic City and the Radio Apparatus Section of the Associated Manufacturers of Electrical Supplies at Hot Springs, much attention was given to the idea of conducting the biggest Radio Week ever held, although sentiment was divided as to the advisability of again holding transoceanic broadcasting tests.

A special committee has been designated to work out an agenda to be discussed at a meeting of the Radio Week committee soon to be called. Briefly stated, it all means that the fans may await in confident expectancy thrills galore during the period in question.

The most enjoyable of all Radio events last year was the broadcasting of the annual Radio Industries banquet. Within the period of a little over an hour a vast audience—probably 10,000,000 people—were reached with a program that brought the best-known Radio stars before the microphone at one time. There will be another banquet, and a bigger entertainment! Put down September 15 on your calendar and break all other engagements already made if your social activities are planned so far ahead.

Radio World's Fair Plans

Plans are progressing rapidly for live broadcast features to be given from the Radio World's Fair in New Madison Square Garden, where the Radio industry is combining all its exhibits and features. Now that the exposition originally set for the Grand Central Palace has been withdrawn. These features will have a national and even international touch, and they will continue for six afternoons and evenings.

Probably rebroadcasting of a European station will be one of these special events. So get ready to dance to a waltz from London or a fox trot from Paris.

A gold medal from England, in addition to the Radio World's Fair medal and other awards, will go to the winner of the international amateur set contest, to be held at the Radio World's Fair.

Sets of exceedingly novel construction and those of proven extraordinary efficiency will be judged in New York. The winning sets in all classes will be given places of honor, too, at the Fifth Annual Radio Show in Chicago.

WGR Gives Original Speech Used to Dedicate DX Phone

BUFFALO.—WGR, Federal Radio corporation here, had the recent honor of broadcasting the original oration, by the original speaker, which was used in the first test of the long distance telephone fifty-two years ago.

F. W. Stuart, now eighty-four years of age, delivered the oration written by Dr. Talmage, entitled "The Carousal in the Palace," which the former personally delivered in the year 1874 during the first test of the telephone line between Brantford and Tutela Heights, Ontario, Canada, a distance of four miles.

Mr. Stuart, a poet and author, was a personal friend of Alexander Graham Bell, inventor of the telephone, and was invited to repeat his oration for a test a few weeks later between Brantford and Paris, Ontario, a distance of seven miles.

FEATHERED ARTISTS INNOCENTLY ON AIR

DENVER.—Feathered virtuosos were given another turn before KOA's microphones here recently when staff members were successful in broadcasting the music of meadow larks during intermissions in Clarence Reynolds' noonday organ concerts. The songsters were perched about the station on nearby telephone poles, unaware of Radio eavesdroppers. By placing a microphone in an open window of one of the studios, the bird signals were picked up without difficulty and flashed widespread to listeners.

HEIRLOOM VIOLIN IS HEARD BY WHN FANS

NEW YORK.—Those who listen to Station WHN have heard the strains of a 200-year-old Seidel violin played by Joseph Richter. Mr. Richter is a native of Bohemia but has lived here for twenty years. He studied under Krakan and Zolynsky in Poland, and for years was concert master in the Austrian army. His violin was passed down to him from ancestors who played it before many members of European royal families. He reveres the instrument as the living soul of his ancestors and plays it so.

PLAYS "HARP DE LOS ANGELES"



"Harp de Los Angeles," is owned and played by the young lady whose picture appears above. She may own and operate the harp of the angels, but she is very much alive and her name is Miss Louise Klos of KFI, Los Angeles.

If Lois Had Only Known—

STORY tellers from the beginning have touched the hearts of men by tales of unsophisticated maidenhood lured into paths of danger by the leopards of society. It's a little different today than the time of "Way Down East" but the characters much the same underneath. Lois Sylvester rebelled against the stern authority of a foster parent, boarded a train and met adventure before she was out of sight of her home town. But she fought through one snare after another until—but let's not tell the story here. Read it in Radio Digest. It's thoroughly modern by an author who has something to say and knows how to say it. GOODY GOODY GIRL by Merlin Moore Taylor starts here September 1. Don't miss a word of it.

FIGURES SHOW BROADCASTING HELPS GOSPEL

Develops New Interest

One Church Dusts 20 Years' Accumulation Off Gallery Pews Result of Being on Air

CHICAGO.—Radio religious programs are filling the churches rather than emptying them. This is the trend indicated by a survey of sacred broadcasting just made by Sears-Roebuck Agricultural Foundation.

Returns show that the church which broadcasts is on its mettle when it knows the world is listening in and puts an added zest into the music and service that brings people into the church instead of encouraging them to take their religion in comfortable doses at home.

One church in New Jersey states that since its services have begun to be sent out on the air, the gallery pews have been opened up and dusted off for the first time in twenty years.

The church that does not broadcast, on the other hand, feels the competition and makes every effort to bring its services and sermon up to the standard of the Radio churches and this, too, is filling up the empty pews.

Survey Reveals Interesting Figures

One hundred and seventy-eight Radio stations from every part of the United States and in Canada, from Saskatchewan to Montreal, participated in this survey. One hundred and three of these stations, or sixty per cent, are giving some sort of religious service or sacred music as a part of their regular programs. Four per cent are considering adding this feature and six per cent have religious observance only on such occasions as Christmas, Easter and Holy Week.

Fourteen of these 103 stations are owned or operated by some church or religious body. The rest simply include these features along with secular programs, because they feel their audiences want and appreciate them.

Sunday is the day that 86 of these stations send out their sacred programs, while 22 are on week-days. The week-day programs consist of sacred music or instructional address. A number have a brief service every morning somewhere between 7 and 8 o'clock. Actual church services are broadcast in 86 instances, while in 22 cases the religious program is prepared especially for the Radio and is sent out direct from the studio.

Ministers Co-Operate

Forty stations report definite cooperation from the ministers, none report antagonism, while the rest did not mention this angle of the situation. One or two replies told of resentment and jealousy on the part of local clergymen who were not broadcasting because their congregations were apt to stay at home to tune in on the big city churches, but these were notable exceptions.

Only two replies said that a decrease in church attendance could be traced to broadcasting, while 27 stated positively an increase. One clergyman wrote, "Since we have been broadcasting our service our church attendance has grown so rapidly that it is a problem to know how to take care of the crowds." Another pastor wrote that forty persons had recently joined his church, a direct result, he believes, from broadcasting.

A Catholic station writes that it has no effect on attendance in Catholic churches, as its members are obliged to attend every Sunday, but that the Radio furnished a means of instruction to their people that could not be given in any better way.

Great Aid to Ill and Shut-Ins

Stations from Texas and Colorado mentioned that the large number of health seekers in these states made Radio religious services a great boon, as hundreds of them could get them in no other way. Listeners are in general composed of the ill, the crippled, the very old and those isolated in rural districts. Besides these are a few whom no amount of persuasion would get into a church-going habit, but who will listen to at least part of a religious broadcast. For the rest there are a large number who both listen in and go to church for worship and for social contact. No one felt that the Radio supplants church attendance, but is an

(Continued on page 30)

WFBG "Voice of Alleghenies"

ALTOONA RADIO Station May Be Small But Is Heard from Coast to Coast—a "Wren" Among the Greater Broadcasters. Special Service Fol- lowing Sporting Events by Remote Control



WERE you ever wakened in the morning by the warbling of a wren outside your bedroom window? And did you ever hear a big, black crow broadcast his dismal caw from the naked tip of a cottonwood in a cornfield.

There are Radio stations like the wren and the crow, little stations with sunshine and cheer in their voices and big stations with monotonous wails generated from limitless lung power.

One little station that might be compared to the wren is WFBG, located at Altoona, Pa. Theoretically it could be little more than a peep in the big broadcast world. It only has 100 watts to carry its voice, but that voice is packed full of good cheer, variety and it is said to carry practically as far as most of the 1,000-watt stations.

Altoona is perched up 1,200 feet above sea level in the Allegheny mountains. WFBG, with its 100 watts, literally is the "voice of the mountains." It sweeps down the East coast of the continent from Labrador to Cuba and wings westward to California and the Pacific.

"The world's champion big little broadcaster," writes Roy F. Thompson, director and announcer, and generally known to listeners as "R. T." Mr. Thompson stepped into the vacancy caused by the

sudden death of Walter S. Greevy, who was a director of the National Association of Broadcasters. There are three of the Thompsons, consisting of father, mother and daughter, Miss Alice Mary Thompson, pianist and soloist. They are known as the Thompson Trio.

"I really believe WFBG has been heard a greater distance than any other 100-watt

station in the world," continues Mr. Thompson, "for we have received verified proof of reception from Chulia Vista, California listeners, as well as points in southern Florida and at sea, off the Florida coast, aboard the steamship President Polk."

Almost every program brings a surprise of some sort to the listeners of this mountain Radio bird. It seems to waft the breeze and atmosphere of the Allegheny peaks. Perhaps the town is best known to the nation for the big speedway classics. Two great 250-mile motor races each year bring tens of thousands of visitors from all sections of the United States. This important event is graphically broadcast from various points of interest about the course.

"We began our career with the big Labor Day race," said Mr. Thompson, "in 1924, and the announcer was enabled to give an eye-witness account of the tragic finish in which Joe Boyer, apparently the winner, lost his life. We sent out details of the race on a scale that those who listened in understood more of what was going on all the way around the track throughout the progress of the race than those who were actually present and looking on. Since then we have been broadcasting semi-monthly programs by the Speedway orchestra in our Crystal studio.

"Our listeners are always interested in sporting events. We follow the World's Series games and sometimes the most important preliminary games. We also follow the local sporting news. The great championship contests by Pennsylvania railroad employes' field games were broadcast for their fans who were listening in all along the system. We had the microphone placed where we could watch every entrant, name him and announce the winner. We were on the air for eight hours straight on this occasion."

One of the unique musical treats was a band concert from Lakemont park, six miles from the station. The "mike" was placed on a float in the center of the lake, near the island bandstand. Listeners reported that the transmission was the best they had ever heard.

Station WFBG is owned and operated by the William F. Gable company and the Times-Tribune company, publishers of the Altoona Tribune. Robert B. Gable, the principal owner, is given credit by the community for bringing the station to Al- (Continued on page 30)

One of the proudest and most enthusiastic announcers in the country is Roy F. Thompson (top), who directs destinies of WFBG at Altoona. He is ably assisted by his wife and young daughter, Alice Mary (left). The Thompson Trio, en banc, are seen at the right. Both Daddy and Mammy Thompson sing and Alice Mary plays piano accompaniments.



Dignity and Jazz at Ohio "U"

WEAO Diversifies Varsity Lectures With Campus Frivolities at Columbus. Oldest Educational Radio Station Expands Usefulness—Complimented as Foremost of Kind by Secretary Hoover

By M. M. CAROTHERS

IT TAKES courage for a broadcasting station to feature educational material consistently and persistently, when, as everyone knows, nine-tenths or more of the listening public wants entertainment and little else. But this is exactly what WEAO, "The Voice of Ohio State University," at Columbus, has been doing for four years.

If educational talks and lectures were all there is to judge by, Ohio listeners probably would vote "thumbs down" on WEAO. However, they have found beyond peradventure that the station adequately represents all the university, taking in its attractive sports schedule, its music and its major campus activities. Nevertheless, the educational features are uppermost.

"We're supported by the state of Ohio, whose tax-payers primarily pay us for helping them, their sons and daughters get an education," reasons Prof. C. A. Wright, head of the



Allen McManigal (left) doubles as member of faculty staff and "Uncle Al" on the Radio. "Midge" helps him entertain little listeners.

electrical engineering department, native of Mississippi and director of WEAO. "Besides, practically all the other 530 stations in this broad land are devoted almost solely to entertainment.

"Our status," he continues, "doesn't permit us to hire entertainers. On the other hand, since we serve the public, we cannot reasonably turn down those who offer their entertainment services and are deemed worthy."

SO IT happens that occasionally a snappy jazz band is heard from WEAO, or a group of campus harmonizers singing "That's My Infant," or a merry ensemble staging a piece of campus foolishness. All of which demonstrates that the University spirit is not to be kept quiescent.

The WEAO staff is not a large one, and the devotion to a common ideal has worked wonders. The station began operation in the spring of 1922, and spring of this year it initiated a brand-new transmitter, with 140-foot masts rearing their heads above the campus. Tax-payers and the Ohio legislature have never permitted the station to indulge in luxuries, such as privately-owned stations enjoy, and only through the untiring work of the staff was the new transmitter possible.

The first transmitter was designed and constructed on the university campus. So was the newest. R. C. Higgy, Ohio State alumnus and former editor of the operators' magazine, "Q. S. T.," who has been chief Radio engineer and operator the past two years, designed and built the new outfit with the assistance of M. F. McDowell, his assistant, who is one of the real veteran amateur operators of the United States, and others of the staff.

Secretary of Commerce Herbert Hoover recognized the educational work of WEAO last fall at the fourth Radio conference, when he acknowledged it as foremost in this line of activity on a basis of hours devoted to it and the variety of subjects handled. It is that this record has been maintained during the past winter and spring.

Sports broadcasting first was taken up on a



considerable scale in the fall of 1924. At that time it was decided to send out a play-by-play report of the football games played in Ohio's magnificent stadium, seating 75,000 persons. A. Lee Henderson, a young instructor in the department of psychology, was pressed into service for announcing. Extra microphones were placed where they could pick up cheers, music and yells.

The first event of this kind was a huge success. Since that date it has been duplicated many times, both from gridiron and basket-ball floor. Henderson's popularity as announcer still increases. A vote taken at the end of the 1924-25 season showed him the most popular sports announcer of the Western Conference schools.

Allen McManigal is another character of note at WEAO. He's an instructor in one of

(Continued on page 30)



Robert Derringer (circle) famous tenor, attains first Radio popularity by singing over WEAO. A. Lee Henderson (right) Ohio State sports announcer. Robert J. Coleman (extreme right) is the regular studio announcer, formerly musical director at one of student centers.



Prof. C. A. Wright of the Ohio State faculty (top) is director of WEAO. Grace Hamilton Morrey, concert pianist, one of the most popular staff artists.



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"If you have fields and will not plow them, your barns will be empty."

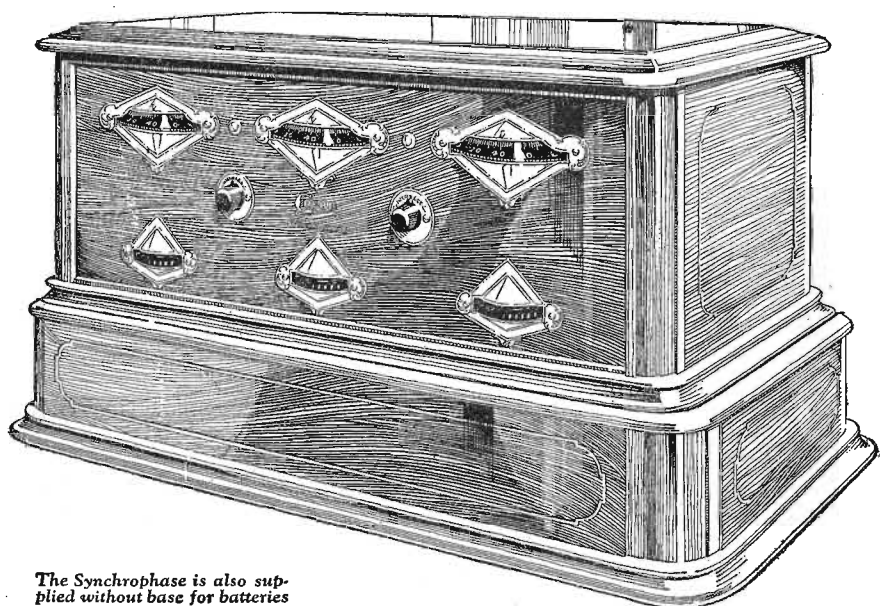
If you want the best in radio and fail to buy the Synchronphase, you must blame only yourself.

Doctor Ma



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All Grebe apparatus is covered by patents granted and pending.



The Synchronphase is also supplied without base for batteries

PRETENSE



by MAURICE
R. COONS



MANY of those who entered the Club Royale bowed to the tall, distinguished gentleman lounging near the inner doorway. And those who didn't wished they might. Even in these days of rampant democracy Prince Boris Masillof was a sought after personage.

Young enough, handsome, with the unlimited background for interesting conversation which only education and travel can provide, well versed in half a dozen languages—including that of love, a cousin of the ill-fated Czar; he had stormed the American social heights without a struggle or an apparent effort. The Chicago hostesses blessed the fate that had brought him unscathed past the New York lion-hunters and made the most of his presence.

Slender, with an erect, graceful military carriage that was a delight to the eye, a faultless dancer, women went out of their way to gain his regard. Other men openly discounted him but secretly feared him. Yet, even they admitted he was handsome. No one could deny that. His high, wide forehead rose above black eyes that seemed to dare, separated by a thin, straight nose of patrician perfection. A small, carefully clipped black mustache shaded a wide, full-lipped mouth that was cynical or humorous according to his mood. His hands were those of an artist, long, slender, white, graceful, quick, deft, expressive.

An ardent and experienced devotee of those diversions which flourish from midnight till dawn, his preference for the Club Royale, as evidenced by his nightly presence there, had established its position as "the" supper club of the city. Prince Boris seldom missed a dance and he was most democratic in his selection of partners. Women insisted on coming to the Club Royale merely for the possibility of dancing with him.

He stood now close to the inner en-

MR. COONS Lifts the Cover from a Spicy Romance in a Fashionable Chicago Supper Club and Discovers Beneath a Frothy Surface True Love and Sacrifice

Illustrations by W. H. WISNER

trance with nonchalant ease, his left hand in his trousers pocket, lifting one side of his dinner jacket in a graceful fold, a long Russian cigarette drooping carelessly over his lower lip, the grayish smoke curling upward about his face like incense about the impassive countenance of an idol in an Oriental temple; while his eyes wandered over the room. But the doorway was the predominant object of his attention.

HE advanced suddenly and bowed as a girl entered alone, fashionably late. His eyes absorbed her flaxen blonde beauty hungrily. Then he smiled, satisfied.

"I was afraid you weren't coming." She laughed a trifle nervously. "Yes, I know I'm late. Somebody wanted to come with me and I had a time getting away."

Prince Boris smiled wisely and one eyebrow lifted quizzically. "Andy?"

She nodded shortly. "He insisted on going with me. Made quite a scene about me running around alone at night. But I told him I was perfectly able to take care of myself." Prince Boris nodded approvingly. "Quite right. That's one of the rea-

sons American girls interest me. After the petted, helpless women of Europe, their absolute independence is refreshing. It's justified, too. They're wonderfully capable."

He steered the girl gently toward the choice table which was always reserved for him at the edge of the dance floor. Many eyes surveyed them and little conversations, animated but secretive, sprang up here and there. The expressions on the faces of the speakers indicated the tenor of their talk. Some admired. Others were sneeringly cynical. Still others appeared frankly envious. Somehow no amount of money could give one such an unassailable social position as a crest and assassinated relatives.

The girl ordered sparingly but expensively. Prince Boris contented himself with a drink. Then their glances wandered about the crowded supper club. The hysterical round of gayety which would last until dawn was just beginning. People of evident wealth and position swept in through the velvet draped doorway singly and in groups. Elaborately obsequious waiters scurried about with trays of food and accepted whispered orders with impassive faces, returning with suspicious parcels wrapped in napkins.

"I am taking Miss Brent home," he announced. "Of course you are, Ricardo," assented Evelyn with a scornful glance at Frascita. "Let's go."

FROM a dais at one end of the dance floor a dozen negroes in bizarre uniforms blared forth nerve-shattering jazz, amplifying it with unbelievable contortions suggesting overwhelming syncopation. Between courses the patrons danced; some who already had drunk too much approaching dangerously near the border line of decency. Lights. Noise. Frantic movement. Confusion.

The girl suddenly surveyed Prince Boris with frank curiosity. She noted the dark circles under his eyes; the deepening lines about his mouth.

"You look tired," she judged finally. "I am," he admitted with a bored sigh. "Somehow I'm getting tired of everything."

"I think you need a wife who'll make you stay home nights," she retorted in mock severity.

"Never." His quick certainty made her wince as though he had slapped her. "I couldn't stand the eternal monotony. It would drive me crazy."

They danced. And more than one spectator remarked how well they danced together. Those who knew them both admitted, some enviously, that it appeared to be an ideal match. Vague rumors said the girl was Evelyn Brent of San Francisco, wealthy and socially prominent in her home city. She was obviously beautiful and charming. And Boris' own good looks and courteous charm were the talk of the town. They should go well together as a permanent arrangement. But, of course, one never could tell. Married life seemed to bring out the very worst in a person, abominable qualities and habits that there was no hint of before.

(Continued on page 10)



The Crosley Musicone, announced little more than a year ago, introduced a revolutionary speaker principle and took the radio loud speaker market by storm.

Its overwhelming popularity, which has involved the replacement of hundreds of thousands

of old type loud speakers, establishes beyond challenge the Musicone's superiority.

And now Powel Crosley, Jr., announces . . . the Crosley SUPER Musicone!

This larger 16-inch cone utilizes the same

Crosley patented actuating unit as the smaller Musicone . . . and this, NOT the cone shape, is the secret of Musicone excellence.

It offers, by virtue of its larger proportions, still more superb volume. It produces, especially in the bass, still richer resonance!

The 12-inch Musicone has been reduced to \$12.50. Also at \$32 in the form of a beautiful Console, in which both receiver and batteries may be placed

The Crosley Radio Corporation, Cincinnati, Ohio

Powel Crosley, Jr., President

CROSLY ^{Super} MUSICONE

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Write Dept. 49 for illustrated booklet

All prices slightly higher West of the Rockies

THE FALL GUY

by JOSE B.
& HARRY
VAN DEMARK

JASON TELLYHEW Judged the Fall Guy by the Shape of His Nose and the Cut of His Jaw. But Alice Proved the Heart the Best Indicator.

IT was the crisis. Jason Tellyhew gravely closed the door after he had admitted young Standish to his den. He did not lock it. He could not find the key. His daughter Alice had anticipated a necessity for its removal. And when the latch had closed her pretty, blue eye blinked at the keyhole.

At first she heard little of what was being said, but presently their voices became more distinct. The emerald parlor from a lamp seemed to cast a ghastly light over Dick's high cheek bones and polished hair as he stood erect at the end of the long, flat desk. At moments her father's face came into view as he paced back and forth, toward and away from Dick.

"It is no use. You are impossible." Her heart pounded as she caught these words from her parent and dimly saw Dick's eyebrows beetling angrily.

"Because I am not worth a million dollars, or haven't a traction line or two to bargain with, I suppose," he answered sullenly.

"It's not that. You never will have anything. You can't. You aren't built that way. You were doomed at birth to a mediocre existence. Nothing can change that and it would be folly for you to indulge in any false hopes. I know your type. Character simply isn't there. I feel that I must be frank—"

"Obviously, even to my mediocre intelligence. I can't feel convinced, however, that you actually believe all that analysis bosh—"

"It is not bosh. You, yourself, are the living example of the truth of it. What have you to show for this whole year of effort since you finished your law school? Your clothes, look at them, look at yourself—"

"That'll be all, thanks, Mr. Tellyhew. You have gone out of your way to make me the example that you seem to think I am. But one of these days you'll wake up with this nose and this jaw on the other side of counsel's table in a court of justice—then, look out. I'm through with you for the present. Good night."

The eye at the keyhole escaped the hastily opened door just in time.

"Good for you, Dick. You stood up to him fine." Alice pressed his hand understandingly and they parted.

THE Fates do not always work with threads. Sometimes they use grindstones. Dick felt himself being ground on the stone of adversity. No-

body seemed to want to employ his legal advice. Lunchless noons and meager dinners caused him to take up three holes in his belt. Then the Fate that was bearing down must have shifted to another foot. An automobile came tearing down the street just as Alderman McGuire stumbled over a curb in his effort to escape and fell directly in the path. Standish was able to jerk him instantly to safety.

That was the first good thing that had happened to him for months.

"Quick thinking and an alert mind are important essentials to a young lawyer. I think you'll hear from me again," said the alderman as he tucked Dick's card away in a pocket case.

Then came a mysterious parcel in the mail. It contained bonds. "You can borrow on these and I'll call on you in a few days to discuss the matter," said the unsigned letter that accompanied them.

Scarcely had Dick conveyed the good news to Alice than he received a call from Alderman McGuire. Jason Tellyhew's traction system had failed to build a line to Rosehurst according to the provisions of a franchise granted a year ago. Would Mr. Standish start a suit for \$50,000? Would he? And did Mr. McGuire know anything about the mysterious bonds? He did not.

It was late in the morning when Dick sat back waiting a call from Mr. Tellyhew in response to his notification of the impending suit. Alice was there when Mr. Tellyhew entered with a burly stranger. Pointing a shaking finger at Dick, he said:

"There's your man, officer. Arrest him at once!"

CHAPTER V

The Bombshell

"WHAT does this mean?" Dick demanded. He wasn't sure whether Tellyhew was in earnest or not.

But he was not left long in doubt. Tellyhew's companion approached him and threw back his coat, displaying a badge pinned to his vest.

"I'm Detective Bryan from headquarters. Will you come quietly?"

"I will if I go at all. First, I want to know what this is all about?"

"A young man of your evident talent in certain directions should have no trouble in making a shrewd guess at this," Tellyhew observed with a sneer.

"I haven't the slightest notion, but I suppose it's some plan of yours for revenge."

"Young man, I never resort to crude methods of revenge. This is a matter of protection—a matter of catching a thief."

"Catching a thief? Do you mean that I—"

"I mean that I have ordered your arrest for the theft of Amalgamated Steel bonds, serial numbers 842 to 858, which are missing from my private vault and which have been traced to the Guarantee Bank & Trust Company."

"What do you think I know of your Amalgamated Steel bonds and your private vault?"

"You must know a great deal since you took the bonds and put them up at the bank as security for a loan."

"I—did—what?" gasped Dick.

UNTIL this moment he had not connected the actions of his mysterious client with Tellyhew's visit. But now—

Tellyhew repeated his statement. "There's no chance for an argument; and no excuses are wanted—unless you wish to confess."

"I have nothing to confess," said Dick proudly. "I haven't yet stooped to thievery. Those bonds that I gave the bank as security came to me in the natural course of events."

"Oh, come, Standish, if you're going to lie, tell a good one!"

"What I say I can prove!" flashed Dick. He dug into a pile of papers on his desk and brought forth the letter that had accompanied the bonds. "Read that."

Tellyhew calmly scanned the note, then smiled as he handed it back. "You're not as clever as I thought," he said. "It seems to me that in concocting such a plan as this you would at least have had the letter written in a strange handwriting, inasmuch as it isn't signed. But to sit down to your typewriter and—"

"Just a moment, Mr. Tellyhew!" Dick's eyes flashed as he confronted the chairman of the Suburban board. "I did not write that letter; I don't know who did; but when the time comes my client will reveal himself, then everything will be explained."

"And in the meantime, I suppose the bonds will remain with the bank and you will live on my money?" returned the traction magnate with biting sarcasm.

"I DON'T like your insinuations, Mr. Tellyhew, and some day I'm going to make you eat them!"

"Well, in the meantime, we'll see what a few days in jail will do for you."

"You mean that you are going to persist in arresting me?"

"I mean just that."

"Oh, now, see here, Mr. Tellyhew—"

"I don't care to argue, I tell you. You have my missing bonds. I don't know how you got them, but my private detective, making the rounds of the banks, found them at the Guarantee, and I have President Stevens' word that you put them up as security for a loan. I'm sorry, Standish; I was beginning to believe that you had something in you after all."

"You know I've got something in me, Mr. Tellyhew," Dick said pointedly. "And you know in your heart that I did not steal your bonds. As a matter of

(Continued on page 10)



Dick submitted to the officer's pressure upon his arm. "Come quietly, young fellow, and I'll not use the bracelets." "You won't need the bracelets," Dick assured him. They were . . . startled by a cry from Alice. "Stop!" The girl evaded her father's outstretched arms. "Just a moment; Mr. Standish is entirely innocent in this matter."

"THE FALL GUY"

(Continued from page 9)

fact, I believe that you mailed me those bonds yourself—and I believe you wrote this letter!"

Tellyhew went red and white by turns, but after a pause regained his composure as he inquired:

"What reason have you for making a statement like that?"

"Because you realize what you're up against in this traction fight with the city—and you want to get me out of the way!"

A far-fetched statement, yes; but Dick was desperate. If he could arouse Tellyhew's sporting blood and induce him to leave the bond matter in abeyance a few days until some logical explanation could be found, it would serve his purpose well. Otherwise, even though he were able to make bond, there would be a certain stigma attached to the affair, and it was doubtful if, under such circumstances, the city would care to let him go on with the traction case.

"THE traction matter hasn't entered into this," returned Tellyhew with a slight show of temper, "and I don't propose that it shall. It's up to you to clear yourself of this charge if you can. You're such a smart lawyer," he added, "there should be little difficulty in that." He nodded to Detective Bryan. "Take your man."

"Can't this matter be arranged here, Mr. Tellyhew?" pleaded Dick. "I am absolutely innocent in this matter. That letter I showed you is genuine. And the bonds were enclosed with it just as I've explained."

"And of course I sent them both in a spirit of revenge," sneered Tellyhew.

"Too thin, Standish," said Detective Bryan.

Tellyhew nodded grimly. "Lock him up," he said.

"You promised to come quietly," the detective reminded Dick.

Dick nodded as he picked up his hat. Then he turned an appealing glance toward Alice, who had withdrawn to one side of the office. There was a suspicious moisture in her eyes as she turned her gaze upon him.

"Don't worry," said Dick; "I'll get out of this all right."

Alice made an instinctive movement toward Dick, but Tellyhew got between them. "None of that, Alice! You probably realize by now that I know what is best for you."

"But, daddy, surely you're not going to lock Dick up!"

"Why not? Isn't he a thief?"

"No!"

"Oh, you're prejudiced! You— Well, we'll attend to your case later." Then to Bryan: "Go on; I'll follow shortly with my daughter."

DICK submitted to the officer's pressure upon his arm.

"Come quietly, young fellow, and I'll not use the bracelets."

"You won't need the bracelets," Dick assured him.

They were in the doorway leading into the corridor when they were startled by a cry from Alice.

"Stop!" The girl evaded her father's outstretched arms and hurried to Dick's side. "Just a moment," she pleaded with Detective Bryan. "Mr. Standish is entirely innocent in this matter." Then, turning defiantly to her father, she exploded the bomb: "I stole those bonds!"

"What!" gasped Jason Tellyhew. "You don't realize what you're saying, Alice!"

"Yes, I realize it. I should have said I borrowed them; and I wrote the letter to Dick on your office typewriter. You and Mr. Kane were out; the vault was open—and I knew Dick needed the money! I—I intended to put them back as soon as Dick got on his feet. That's why I suggested that he borrow on them at his bank. Oh, but I'm glad I didn't tell him to sell them!"

"Alice!" cried Dick, and the girl, with a little sob, sprang into his arms.

"Well, I'll be—" Jason Tellyhew, out of respect for his daughter's presence, did not finish the sentence. Instead, he chewed savagely at the end of his cigar. "Ain't it funny," grinned Detective Bryan. "You never can tell what a woman will do!"

CHAPTER VI

To Fight or Not to Fight

THE following morning the telephone rang sharply in Dick's office. He picked up the receiver.

"Mr. Tellyhew's office," came brusquely from the other end of the wire. "Kane speaking. Will it be convenient for you to call on Mr. Tellyhew at ten o'clock?"

"I'll make it convenient," Dick returned in a similar tone.

The receiver was snapped up on the other end and Dick sat meditating for the space of several minutes. The voice of Kane, if it was in any sense a reflec-

tion of Tellyhew's mood this morning, seemed to indicate that Dick was in for an uncomfortable half hour.

That Tellyhew meant to fight he had no doubt. For the chairman of the Suburban board was not given to submission except by force. And the fact that Dick was behind the city's guns in the Rosehurst matter would serve like the proverbial red flag before a bull.

Well, so be it!

At five minutes to ten Dick entered the offices of the traction company, nodded briefly to Kane, and sat down.

Promptly at ten the door of the inner

(Continued on page 29)

"PRETENSE"

(Continued from page 7)

THE evening waned. Entertainers offered skits, songs and dances—such skits, songs and dances! The patrons grew hilarious. Laughter became hysterical; voices strident and high-pitched. Men who thought it indecent to appear publicly without a freshly pressed suit

each morning wore silly paper hats and sillier grins and made incoherent love to other men's wives. Women flirted outrageously with other women's husbands and shrieked shrilly with merriment over nothing.

"Silly crowd, isn't it?" said Evelyn Brent.

Prince Boris nodded emphatic assent. "And heartless. If any of those people should lose their money and consequently their social position according to the American scheme of things, they would find that not even the 'friends' who have been their expensive guests here would speak to them. They should find themselves total strangers, shunned like a dreaded disease. People would be afraid to recognize them for fear they might presume on the past and ask favors."

Poor fools! Look at them! Purchasing what they think is pleasure at the terrible price of money, health, self-respect. They think they're happy. In reality, they're miserable. I've often wondered why they come here."

"Why do you come here, Boris?" Masillof started and his eyes searched

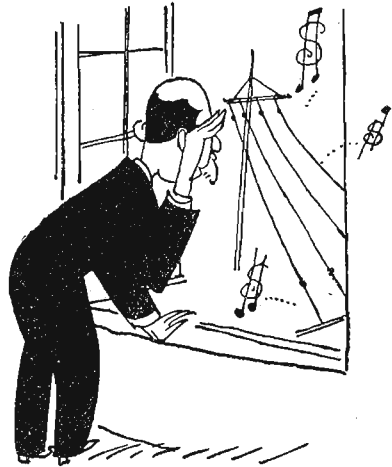
the girl's face with nervous anxiety. But her gaze was level, frank, honestly curious. He looked away and hesitated what seemed a long time, his brow furrowed with thought. His eyes held an inexpressible anguish, like those of a trapped animal. Once he started to speak, then evidently changed his mind, his hands clenching until the knuckles stood out in rigid prominence. At last he smiled, cynically and with obvious effort.

"For the same reason you do, I guess. To escape from myself—from the awful, endless monotony of life." He gazed at her with sudden interest. "Why do you come here?"

"Your reason goes for me, too." But her averted eyes, the soft flush in her cheeks, belied her words. Prince Boris smiled wistfully and reached across the table for her hand.

"YOU'RE a wonderful girl, Evelyn," he said irrelevantly. "You'll make a marvelous wife for some man." "I don't know." Her voice was choked, as though a sob were trying to escape

(Continued on page 14)



There's a golden tinkle in the air—

Does it reach your ears? All you need is a Rectigon to make music sound like money. And to keep your batteries charged up to their ears with pep. Thus you attain best possible reception at lowest possible cost. Your Rectigon pays dividends quickly in money saved from the service station. And you always have a marvelous power reserve to bring in the best your set can get.

and it comes from charging at home with

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, chemicals—no moving parts—nothing to spill or burn. No muss, nor worry. You'll have no spoiled rugs, ruined clothing.



Snaps on in an instant—just plug into the light socket, snap on the terminals. Saves service station bother. Spares interruptions caused by absent batteries.



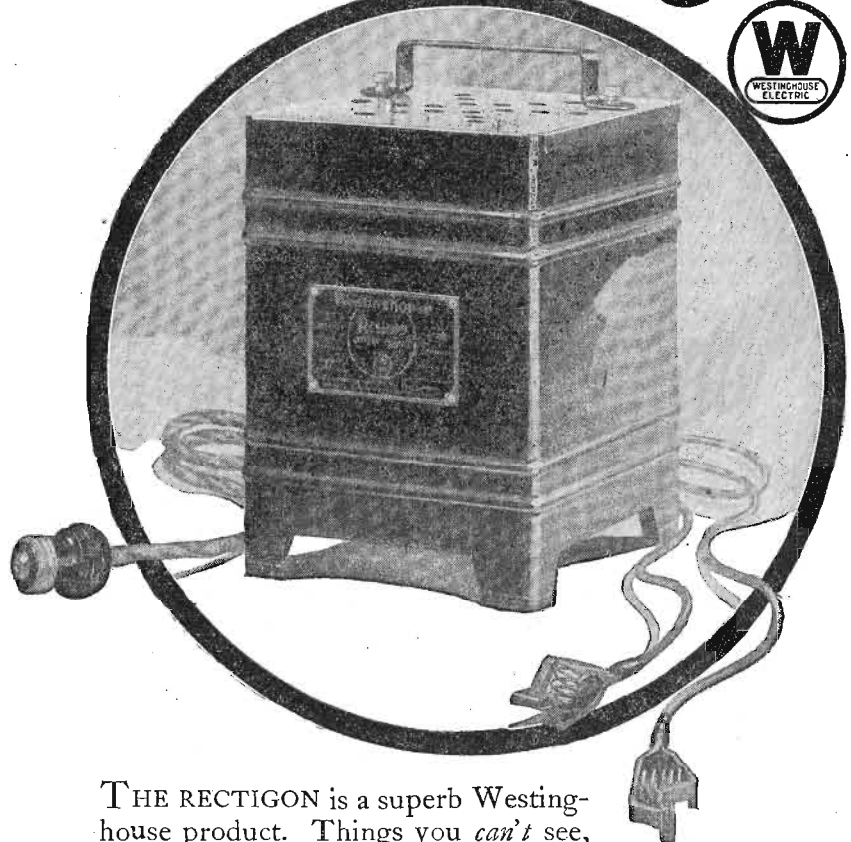
Charges both "A" and "B" batteries—Keeps both packed with power. Bulb is used for "B" battery charging and it is enclosed, like all other parts, in metal, safe from accident. (Rectigon charges automobile batteries, too.)



Safety for batteries and set—You'll not wake to find your battery discharged—that can't happen with a Rectigon attached. Should you tune in without detaching the Rectigon from battery, your set won't be harmed.



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THE RECTIGON is a superb Westinghouse product. Things you *can't* see, like extra heavy insulation, things you *can* see, like the durably enameled case—all are of highest quality. Westinghouse manufactures also a complete line of radio instruments, and Micarta panels and tubes.

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Tune in on KDKA - KYW - WBZ - KFKX

Don't Guess; Measure Voltage

“SAVE Your Tubes and Batteries and Save All,” Says Technical Editor in Advocating Voltmeters to Conserve Accessories.

By The TECHNICAL EDITOR

THREE vain is he who copies, not knowing the reason thereof!”

Which leads one to believe that the only reason why those who “roll their own” always place voltmeters as well as milliammeters on their pet super-heterodynes, because, “all of the pictures of supers show such instruments, so why not mine.”

And, with like regularity, each of these items are among those not present upon the remaining mighty good circuits, which the vast majority build.

The answer to such inconsistency appears to be chargeable to the fact that few constructors understand the circuit connections required as applied to single or multiple tube receivers, or have gained the impression that with the exception of the super-heterodyne, a voltmeter only can be catalogued as excess expense.

While a milliammeter is desirable for all Radio circuits using six or more tubes in order that one may avoid excessive plate battery drains, their use upon sets up to six tubes is hardly warranted as it is unlikely that any arrangement of circuits in such receivers will create a battery drain sufficient to warrant correction.

Should Know Voltage

Everyone should, however, be deeply concerned regarding the filament voltage

with sufficient movement of the blades, so that adjacent active contacts will not be short-circuited, should be selected.

If the contact buttons are too close together connections should only be

ment very carefully and thus avoid an expensive error.

In figure 2 is shown the connections and method employed by a prominent manufacturer using a double range volt-

to plus A. The contact between the main prongs is connected to the plus terminal of the low range of the voltmeter, the two upper contacts being connected in the high voltage or B circuit with the multiplier resistance between plus and the plus of the low range of the voltmeter.

In operation, when the metal plug is inserted in the jack, the filaments immediately light, provided the rheostats are turned on, and the voltmeter indicates the voltage which is being applied to the filaments. When this metal plug is pressed in a bit further it automatically breaks a circuit between the voltmeter and the plus of the filament through lifting one of the jack springs, which, in turn, returns the pointer to zero of the scale. Pressing the plug a bit further, closes the upper spring contacts and indicates the B battery potential.

Returns to Filament

Releasing the plug pressure causes it to return to the filament reading thus avoiding the danger of exhausting the B battery.

An added ideal arrangement for multi-tube receivers is shown in figure 3 this scheme giving every combination of voltmeter readings which one might desire.

Still another arrangement which may be made up from standard parts is shown in figure 4, the Frost potentiometer switch No. 620 being nicely adapted for this purpose. In this switch the rotating part is a double blade with its two fingers bridging adjacent contacts. This double blade is connected to one side of a double scale, double range voltmeter. The other side of the voltmeter is connected to the ground to which is also connected the plus side of the A battery, the plus of the filaments, and minus of the B (except as previously noted.)

This switch has four possible positions, and five buttons, three of which are active and two dummies. When this switch is in the “Off” position, one of the fingers is in an inactive state, while the other finger is on a button contact leading to the negative side of the filaments.

Bridges Negative Contact

In the next, or “On” position, the fingers bridge the negative or minus button, which connects to the negative side of the filaments through their rheostat to the negative or minus of the A battery. This turns on the filament cur-

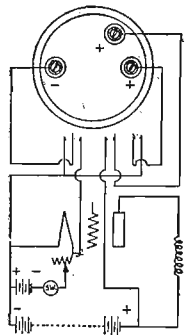


Fig. 6

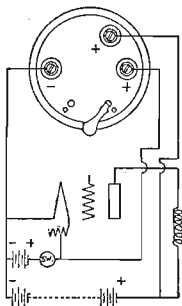


Fig. 7

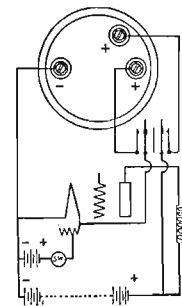


Fig. 8

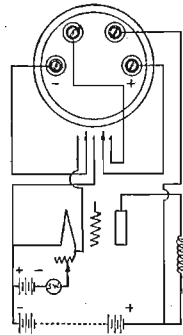


Fig. 9

made to every other contact. It will then be apparent that a five position switch may be used to show the voltage of three separate groups of filaments or of one

meter in combination with a Radio jack and metal plug. With this arrangement control is offered covering the “On” and “Off” position for the total receiver as

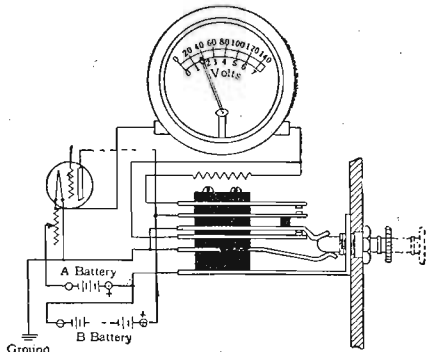


Figure 2

at which the tubes are operating. Filament voltage, irrespective of the number of tubes which your receiver uses, may be considered as the most important measurement, since over voltage upon filaments quickly ruins the thoriated filament tubes. If one would operate his tubes with the end in view of securing the utmost efficiency and longest life, it is then of prime importance that they be operated at a maximum not to exceed that voltage recommended by the manufacturer. Obviously this nicety of adjustment can only be accomplished when an indicating voltmeter is used.

In purchasing instruments of this character those of the cheaper variety should be studiously avoided. A voltmeter at less than five dollars is a bad buy, it being more likely that the correct price in order to insure a dependable instrument will run considerably higher and is well worth the added investment. Several dependable manufacturers, and particularly those of many years experience in the manufacture of electrical measuring instruments, are offering devices of this character which satisfactorily meet the requirements of quality and dependability.

Variety of Voltmeters

Each of these manufacturers offers several ranges of combination voltmeters. They may be had for the reading of the filament voltage only, or in combination for both the filament voltage and that supplied to the plates of the tubes. One of the most recent devices on the market permits, not only a reading of both filament and plate constants, but the C battery as well. The instrument pictured in figure 1 is that known as “triple range” and is operated in combination with a six spring jack and metal plug for the securing of the individual reading desired.

Switching devices are of course essential in order that one may obtain reading from single or collective groups of both A and B batteries. There are a number of inexpensive dial switches on the market suitable for this purpose. In choosing a switch for this use one

filament, plate and C battery values while a seven contact switch would make possible the taking of four readings in separate groups.

Watch Connections Closely

It is of great importance that, irrespective of the make of voltmeter used, the minus of the voltmeter must be connected to the minus of the A battery feed to the filaments; and likewise, with practically all makes of voltmeters, the minus B battery should be connected to the minus A battery. In your receiver the minus B may be connected to plus A—watch this point and change it to that mentioned above when hooking up the voltmeter to your receiver. It should be understood that this rule does not apply to each manufacturer's product, but does mean that one should read the instructions accompanying the instru-

well as means for taking both the A and B battery potential readings.

For Separate Rheostat

In this instance if one of your tubes is controlled with a separate rheostat, it is obvious that such rheostat and filament should be in series with each other

across the positive and negative bus bars of the main filaments. In this manner the voltage of the individually controlled filament will never be greater than that applied to the main lot, as shown by the voltmeter. It will be noted in this drawing that the frame of the jack is connected to plus A and minus B. The two prongs which usually receive the plug are connected together and to the plus A of all filaments.

The common of the voltmeter is connected to the minus bus bar or minus A, while the ground may be connected

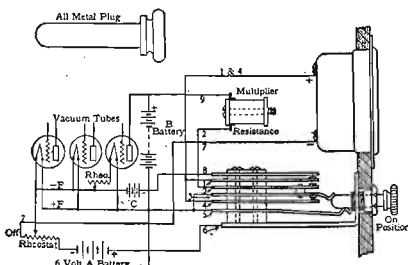


Figure 3

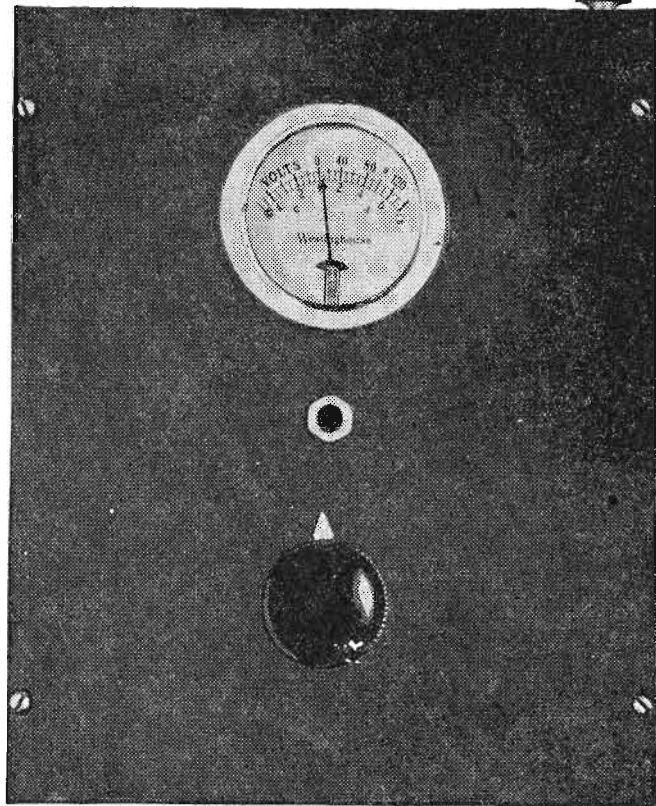


Figure 1

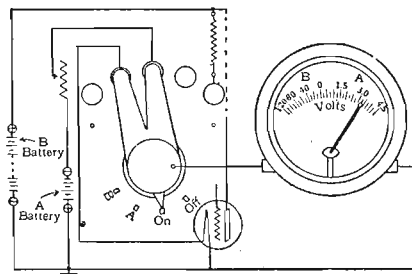


Figure 4

rent and causes the voltmeter to indicate the filament potential.

Potential Alone Shown

Following to the next position, the double blade is active only through the rheostat to the A battery, the filament being cut off. Thus at this position the A battery supply potential alone is shown. The drop in the rheostat is of no consequence, while this reading is important toward showing the condition of the A battery as regards the necessity of recharging.

Passing along to the next position of the switch, the blade touches a contact leading through the voltmeter resistor multiplier to the plus of the B battery, causing the pointer to deflect usually in the opposite direction and indicating the B battery potential. One is cautioned not to leave the switch in this position longer than to take the reading, as B batteries are most temperamental when short circuited with even a high resistance. Only the knob and pointer need to be visible upon the face of the panel while the scheme, if provided with suitable markings upon the face of the panel, obviates errors and at the same

(Continued on page 29)

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August 15, 1926

No. 3

Public Opinion Is Radio Law

THIS year, as the 150th anniversary of the signing of the Declaration of Independence is being commemorated, the United States senate and house of representatives have seen fit to differ over a matter which deeply concerns the freedom of speech, a constitutional liberty expressed at the time when this country was founded shortly after the signing of the Declaration of Independence.

The matter referred to is the control of Radio and the restrictions which may be placed upon it. It seems to a non-partisan, unbiased medium such as ourselves, that the injection of politics into the control of Radio is to be deplored. The issue at stake is the freedom of speech of the broadcasting stations of the United States.

Instead of drawing a suitable Radio law, free from political loopholes, devoid of possible log-rolling and the conversion of the microphone to a mouth-piece of the party in power—instead we find congressmen and senators squabbling selfishly over an issue which only should consider the public good, and the principles laid down by our forefathers in that time-honored document, the constitution of the United States of America.

The house passed the White Radio control bill, meant to encourage Radio, but placing it under the direct control of the secretary of commerce, an appointed and therefore usually partisan friend of the party in power. Station licenses of five years' duration would be allowed.

The senate, almost disagreeing entirely with the White bill, drew up the Dill Radio control bill and passed it. The Dill bill, in an evident effort to curb rather than encourage Radio, bristles abundantly with disagreeable hobbling and objectionable clauses. No property rights are allowed stations, and licenses are allowed only for two-year periods. The last named feature of the bill, the two-year license clause, would make broadcasting licenses the footballs of senatorial campaigns, which oddly enough, also occur at two-year intervals. A new license might require special political favor during campaigns. There is no assurance of relicensing of broadcasters on pure merit. The power would be vested in a commission of five members, selected by congress and therefore not essentially non-partisan or unbiased in their decisions.

Radio must not be regulated and shackled to a standstill before it has ever had an opportunity to develop. Why strangle a baby? The Dill bill is almost unadulterated political murder. We cannot say a great deal more for the White bill, although its hobbles are less tight than those in the senate bill, an instrument which in many respects, we believe, can be torn to pieces as unconstitutional.

Further complicating the situation, Herbert Hoover has recently obtained an opinion on the 1912 Radio law from the attorney general of the United States. The decision trims the Radio control power of the secretary of commerce to practically nothing, and means that he must issue licenses to every one applying, that these licensees can use any wave length they choose except those from 600 to 1,600 meters, that any power may be used as long as "malicious" interference is not caused, and finally, that any or all hours can be used for transmission except the first fifteen minutes of certain hours in certain prescribed areas wherein are located naval or military Radio communication stations.

Thinking over that list of 600 waiting applicants for broadcasting licenses, and the above cited opinion of the attorney general, we fearfully hold our breath and wonder what will happen next. Will there be chaos? No, we believe not.

The only restriction on broadcasters at this moment is that historical one which has made so many statesmen, corporations, armies and nations bow to its will—and that is public opinion. The public interest will be served, for broadcasting stations depend upon public good will for their support.

How far a broadcaster can go without becoming intoxicated by imbibing too freely from the wine of freedom, depends alone on the broadcaster and the reaction of his audience.

RADIO INDI-GEST

To a Second-Hand Radio

Old Radio, you're on the bum;
You give me nothing but a hum,
A buzz, a click, a bang and roar,
And that's not what I bought you for.

I paid real coin to be amused,
And by good music be enthused;
But you, old box of tubes and wire,
Do nothing but excite my ire.

I bought you at a bargain sale;
That dealer ought to be in jail.
Tomorrow you go in the trash
And I'll buy one that's worth the cash.

GEORGE

To Which We Take Great Pleasure in Adding the "proven facts" or glossary of terms which the roaming bard, George, lists, evidently after some experience with sets, both new and second-hand. "Vacuum Tubes"—Accessories that cost you two dollars per when you happen to "short" them. "Amplifier"—An attachment to make all unpleasant noises more so. "Static"—A noise like water spilt on a red hot stove. "Battery"—A fitting, which, like many people, receives little attention while alive, but is greatly fussed over when dead.

To the Third Trombone Player (Other Curious Persons May Read)

Dear Sir: Please accept my most sincere thanks for your kind words of appreciation of my few lines of poetical endeavor in reference to the feminine members of the Digest staff. Please permit us to say that you are both a Gentleman and a Scholar.

You said a mouthful Old Timer in those few words "Whither are we drifting," but you should have seen those few lines of mine before our good friend Indi trimmed it down—to make it more presentable I guess. However, we will not fuss with him about that as we give him credit for knowing his beans, and if he is kind enough to let this get into print we will—as the announcer who wears the necktie, shoes and passionate socks would say—dedicate these few lines to The Third Trombone Player.

Oh who is this party of the Marcel Wave
Who writes the dope for those who rave
Of Announcers young and Announcers Old,
Of Artists timid and Artists bold?

Oh is it a "She" that's young and fair
Who rouges her cheeks and bobs her hair,
Uses a lipstick and powders her nose,
Wears high-heeled shoes and rolls her hose?

Or is it a "He" that's short and fat,
Wears neckties, tan shoes and derby hat,
Chews "Brown's Mule" and smokes a hod,
And writes those lines to hold his job?

Whoever it is means little to us,
You and I, Old Timer, we don't give a cuss.
No doubt they are doing the best that they can,
But it's darn poor stuff for a Radio fan.

OLD KING TUTT (HIMSELF)

Intermission Idiosyncrasies

A. C. S. Announcing

"At 8:45 we will broadcast a short talk on Bone Setting by Dr. Alonzo Crapp, a noted bone setter of San Francisco. Dr. Crapp will give us a short outline on such subjects as, Numerical Propinquity, or in other words, the repeating habitudes of a seven, and an eleven. We understand the doctor recently did some nine hundred dollars worth of bone-setting in a Chicago hotel in one short evening and we hope he has some good news for us."

ARTHUR C. STOWELL

Food for Thought

Edator Indi-gest: The funniest thing about humens is that they sure like a grate variety. I was down to Chicago won time and in a big hotel they gave me for dinner—

Been Soop.
French Fride potatos.
Pork Shanks and Whipped Cream.
Fride Cat Fish with Cottaige Cheese.
Pumkin pye with Pymtonoa dressing.
Buttermilk to drink.
Nuts.

They are doing the saim thing with Radio proagramms. Compare one with the above meanyu and see the alikeness—

Melody in F.
Yes Sir thets my baby.
Reeding "The Murderer" by E. Poe.
Piano dooit. The charge of the lite brigaid.
Oh, so low Meyoo.
Buffalo girl, and other old tyme airs.
Speech, "Our National Banks."
Then, More nuts.

Boath of these meanyoos disagree with the appetight.
KITLLE DRUMMER

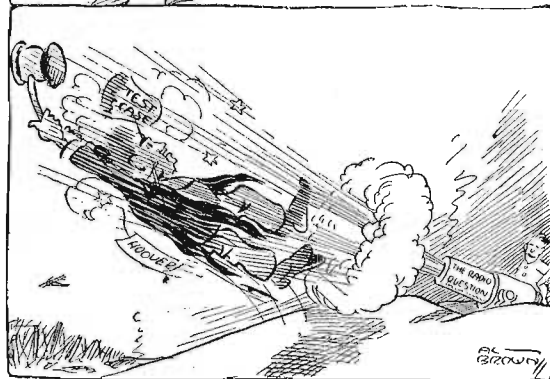
An Eastern Watchmaker, at a convention, predicts the passing of the old hand-cranked watch and the coming of a new type that will be kept absolutely accurate from minute to minute by Radio impulses, sent out by the naval observatory. Of course, when we are late at the office we might still say that we were awfully sorry but that the interference from the set of the Jones kid just made our watch run all agog.

FRANQUE'S FILOSOFEE

A DX story a day keeps the neighbors away.

INDI

Current Events



Condensed

BY DIELECTRIC

Speaking of vacations, as we were in the first August issue, it looked for a while as though the dream would come true. If a few more of the stations scattered along the wave bands had climbed up or down, your reviewer would have contributed paralographical "blahs." As it is, programs were heard in unaccustomed places and might easily have been credited to the wrong broadcaster. Other features came through the ether carrying bits of foreign programs with them and had to be untangled. What joy a reviewer experiences these summer months with Old Man Static rattling eardrums to the breaking point. Yet they sit and listen and—compliment.

Just to prove that last assertion above I call attention to a band concert, one of the most enjoyable heard from a broadcasting station winter or summer. Station WADC, Akron, put this concert over well, so that it is my fault entirely that the name of the band cannot be recorded. The music came through clearly for the most part but the name of the group of players was not distinct, though I listened until the completion of the feature. Every selection played was characteristically band music. Ofttimes bands get into purely orchestral compositions, thereby spoiling much of beautiful effect of the music. Furthermore, they played as a unit.

Variety programs are undoubtedly appealing to Radio audiences in the sweltering midsummer season, at least when they include such highly entertaining features as theatrical reviews afford. Such reviews as are presented from Station KDKA, Pittsburgh, originating in the million dollar grand theater should prove satisfying to the majority. In case they don't, please blame the weather rather than the station, the artists or this enthusiast.

Then there was an especially good piano recital which stood out among other features presented through Station WJAZ, Chicago, and despite the seeming commonplace of such a recital this one was above the average. The artist evidently chose to picture those listening as a cosmopolitan group and suited the numbers to the conclusion. Although some of the selections were of a lighter vein, never once was there evidence of forsaking the high ideals of the performer set forth in the more serious works. On the whole it was something one recalls with a distinct sense of completeness; good music, good taste and musicianship.

Station WLW, Cincinnati, one of the least censureable stations on the air, should have a complete paragraph all to itself with "well merited" recurring in every line. Instead, there can be but a sad confession of missing an evening's enjoyment and noting of features, due to the interference of another station. Someone was playing piano numbers just before they signed off to give listeners an opportunity to get the call of the intruder, but how she played only those in the studio are competent to judge. Has anyone stepped in the way of WJZ? Hardly.

Ordinarily it is anything but thrilling to sit by the hour to listen to a political speech. The thing isn't done, that's all. Yet, my fellow listeners, when CNRO, Ottawa, came through with no other station tagging along, it was so comforting I listened to the very end of an impassioned diatribe directed against one of Canada's prominent political leaders. And they do discover a lot to tell in the dominion with sundry variations. No jazz band could have bought half the time. Incidentally, Canadian politics are less enigmatic. Try the recipe.

WOR TAKES UNUSED TIME HELD BY WJY

HALF WAVE BAND SILENT; BAMBERGER WILL FILL

Newark Station Gives Reasons for Commandeering Periods Left Vacant by R. C. A. Broadcaster

NEWARK, N. J.—The following statement was issued by Alfred J. McCosker, of L. Bamberger & Company's station, WOR, concerning the extension recently of that station's schedule to include late afternoon and evening programs on the 405-meter wave length, formerly occupied by Station WJY, on Tuesday, Thursday, Friday and Sunday of each week, which schedule is in addition to its regular Monday, Wednesday and Saturday afternoon and evening schedule:

"A desire to better serve public interest is responsible for the decision reached by L. Bamberger & Company to extend the broadcasting schedule of Station WOR to provide programs of educational and entertainment value on the 405-meter wave length daily and Sunday instead of adhering to the former schedule of Monday, Wednesday and Saturday afternoon and evening broadcasts. The loss to Radio listeners occasioned by failure of the sponsors of Station WJY to regularly provide programs on the 405-meter wave length for the past five months was pointed out to us by many listeners.

WJY Silent; WOR Goes Ahead

"During April, 1926, we applied to the management of WJY for the time on the 405-meter wave length used by them up to February 6 of the present year and the reply received indicated an early resumption of broadcasting by that station. However, in the weeks that have since elapsed, Station WJY has remained totally silent and it was decided that the best interests of listeners demanded a continuous program on the above wave band.

"WOR is rated a pioneer broadcaster, having supplied programs of highly cultural and better class entertainment to an ever-increasing audience since February 21, 1921, and the present extension of its activities to include a daily and Sunday program will offer additional opportunity to present a practically uninterrupted broadcast."

Accordion Symphony to Be Heard Over WSOE

Fifteen Piano Accordions on Air Monday, August 16

MILWAUKEE.—A rare as well as an attractive concert is to be broadcast from the School of Engineering station here, WSOE, on August 16, 1926 beginning at 9:00 p. m. Central time. This concert will be presented by Prof. Foca Di Leo and his Accordion Symphony orchestra which, as far as can be ascertained, is the only organization of its kind in the world today.

During the last two years Professor Di Leo organized and perfected this unique orchestra, using fifteen piano accordion instruments. It represents the first successful attempt to draw from such a combination of instruments musical effects heretofore attributed only to the standard symphony.

The repertoire of the orchestra ranges from such classical gems as the "Barber of Seville," "Poet and Peasant," "Light Cavalry" and "Carmen" down to the popular melodies of the present day. In addition there are two young sopranos who appear in solos and duets accompanied in both instances by the orchestra.

Birthday Greetings Flood KPO

SAN FRANCISCO.—KPO has just been swept by its annual flood of birthday greeting cards from the Radio audience. These are addressed to Big Brother (L. R. Tucker) who has been a regular feature of the San Francisco station for more than two years and whose birthday it was. Several thousand cards were received this year, the majority coming from the members of the Big Brother club, which is composed of more than seven thousand juveniles throughout the west.

WOK Fans Guess Weather

CHICAGO.—Believing that the official weather prophet is a much maligned individual, members of Radio Station WOK's staff recently inaugurated a weather guessing contest in which fans tuning that station were invited to join. The purpose of the contest was to ascertain if the public could outguess the government forecaster.

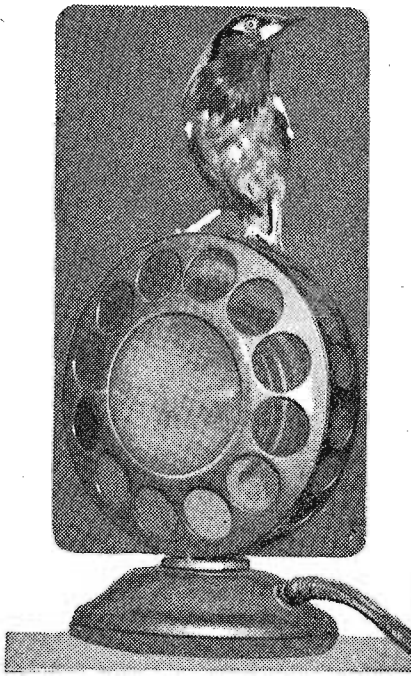
May, of KMA, Heads Nurserymen

LOUISVILLE, Ky.—Earl E. May of Shenandoah, Iowa, owner and operator of Station KMA, was recently elected president of the American Association of Nurserymen here.

BIRDS WARBLE IN MICROPHONES



It would seem but natural for birds to "go on the air" and so we have Bee Bee of WCCO, Minneapolis, (above) and the Troupial songster of the Amazon perched on the WMCA microphone, New York. Bee Bee sings to the harmonica accompaniment of his master, George B. Ashton, preferring operatic selections exclusively while the Troupial thrush warbles plaintive Spanish airs by himself.



CAN YOU GUESS AGE OF MARY BARBARA?

CINCINNATI.—One of the most mysterious attractions of the Crosley Radio programs is Mary Barbara. She has been entertaining the WLW Radio listeners for many months and her child-like voice has been the means of attracting many inquiries as to her age. When she gives her interesting talks, usually with the aid of one of the announcers, the curtains in the solo studio are drawn so as to hide her from the view of the guests in the auditorium. No one knows her real age and the studio staff is not at liberty to disclose it.

P. A. GREENE TOURING SOUTHLAND STATIONS

Arranges Fall Bridge Series Over Extended Network

CINCINNATI.—Paul A. Greene's native Southland has called and he is on a tour which includes Atlanta, Jacksonville, New Orleans, Houston, Dallas, Memphis, and also Kansas City, Chicago, Des Moines, Omaha, St. Louis and Denver.

Mr. Greene, who has been director of Station WSAI since he installed the United States Playing Card company's station more than three years ago, is combining station business with the pleasure of a well-earned vacation on his tour, for he hasn't had a vacation in two years. He is to renew contracts for the auction bridge series, which was broadcast by a network of twenty-six stations last season.

The new series, which will begin early in the fall, will probably be handled by thirty stations throughout the country, and it is believed Jacksonville, New Orleans, Des Moines, and Omaha will add this popular program schedule. The method of broadcasting the plays will be practically the same as before.

C. N. R. TESTS SIGNAL STRENGTH IN TUNNEL

FINDS LONG WAVES CARRY FARTHER THAN SHORT

Three and One-Half Mile Tunnel Under Mount Royal 600 Feet Deep Used in Tests

MONTREAL, Canada.—Interesting experiments on the transmission of Radio signals through masses of rock have been carried out under Mount Royal here in the tunnel of the Canadian National railways. Generally speaking, it was found that there was a decrease in the strength of signals as the center of the tunnel was approached. The observations, however, were not confined merely to noting whether the signals appeared to get weaker, but definite measurements were made with an audibility meter.

Messages and music were transmitted from Montreal on a wave length of 411 meters. At the center of the tunnel the strength of signal decreased to one-half of one per cent of what it was at the tunnel entrance.

Signals Decrease Going Into Tunnel

Signals were also received from Ottawa. These were transmitted on 1,400-meter wave length. The signal strength decreased to five per cent at the center of the tunnel. Further signals were received from an American army short wave station, WIZ, whose signals were remarkably constant and clear. The messages were heard at the entrance to the tunnel, but were quickly lost on entering the tunnel. On repeatedly tracing the signals, step by step into the tunnel, it was found that the 40-meter signals were reduced to zero on passing only a few hundred yards into the tunnel, so that there were but a few feet (thirty or forty) of material above the car aerial—box type—which was employed in the test.

The tunnel is three and one-half miles in length, and at its center the mountain is between 500 and 600 feet high, composed mainly of essexite and in other places of limestone with volcanic dykes.

Little Rock Stops Short Waves

It is believed that definite measurements of this kind have not previously been undertaken, and the following points may, therefore, be noted. It is practically certain that the signals were not coming along the metal rails of the double-line track, nor along the overhead direct current cable used for power and light in the tunnel.

It is chiefly noteworthy, moreover, that the 40-meter signals were easily reduced or attenuated by a comparatively thin layer of rock. This lends weight to the view that short wave signals pass to the upper atmosphere and are then reflected or bent by the heaviside layer, arriving at their destination by that lofty path and not by waves which follow the surface of the earth, for these, as these experiments have shown, are quickly eliminated.

FARM RADIO YIELDS BIG MONEY RETURN

AG RADIO CHIEF TELLS OF OBSERVATIONS HE MADE

Farmer's Main Objection Is to Loss of Sleep—Pickard Visualizes Great Future

EAST LANSING, Mich.—Radio on the farm is yielding more dollars and cents return on the investment, developing a more prosperous American agriculture and bringing about a better contented, understanding class of farmers than any other single scientific contribution of the age, Sam Pickard, chief of Radio, United States department of agriculture, told the convention of agricultural college editors which recently met here at East Lansing, Michigan.

After visiting the principal stations and approximately 600 farmers on a farm Radio survey tour through twenty agricultural states, Mr. Pickard stated that both college and commercial broadcasters are making an intelligent effort to anticipate the farmer's problems with interesting, helpful programs, and are winning large and faithful audiences of the most enterprising class of farmers.

Lack of Sleep Is Curse

Concrete examples of how practical application of information gained through Radio is helping the farmer's bank balance were cited. In districts sixty miles from a railroad he discovered farmers who had changed their farming to more profitable lines suggested by authoritative Radio talks.

"The farm fan," he said, "has two chief criticisms of Radio. The one most often voiced is the curse of not getting enough sleep. Most of them admit they sit up with their sets late into the night. Many others say that while they like to be neighborly they tire of the entire community dropping in every winter evening and then forgetting to go home."

A plea for the college to dramatize informational programs, injecting into them greater interest and more humor, was made.

Great Field to Develop

"I know of no field into which educational agencies have entered that offers keener competition than that of Radio. The day has passed when the mediocre speaker can hold a Radio audience. The lecture of long difficult words and sentences must give way to the more friendly, natural dialogue presented by effective Radio voices.

"Until educational institutions value the effectiveness of Radio instruction highly enough to finance adequately a competent staff, trained in the technique of broadcasting, they can not expect to utilize successfully this new invention, probably the greatest boon to education since the printing press was invented.

The department of agriculture's new policy of providing a staff of feature writers to weave timely information into dialogue material to be broadcast by trained announcers was commended to the college editors.

GOLD CUP AWARD NEWS

(Continued from page 2)

- 20. E. L. Tyson, WWJ (19)..... 2,068
- 21. Jerrv Sullivan, WQJ (21)..... 1,930
- 22. Paul Johnson, WCCO (22)..... 1,862
- 23. N. Dean Cole, WHO (25)..... 1,684
- 24. Sen Kaney, KYW (24)..... 1,669
- 25. E. Konecky, WOAW (23)..... 1,618

Canadian Silver Cup Standing

- 1. Lillian Shaw, CKY (1)..... 4,681
- 2. Bert Hooper, CKCK (2)..... 1,515
- 3. H. C. Fricker, CKCL (3)..... 691
- 4. Robt. W. Combs, CKNC (4)..... 560
- 5. Geo. A. Wright, CNRV (5)..... 396
- 6. Jacques Cartier, CKAC (6)..... 307
- 7. C. W. Darling, CFCF (7)..... 104

Help your favorite announcer win this coveted prize. Remember that with four consecutive ballots turned in at one time you get an extra bonus of four votes. Don't fail your candidate now. Bring him down the home stretch with colors flying.

Vote Bonus Ballots

As a reward for saving consecutively numbered ballots and casting them at one time for the same candidate, a bonus vote, with size depending on the number in consecutive order, is credited to that candidate.

Each of these ballots will count for one vote when sent in separately. You can hold these ballots until you have four that are consecutively numbered and when they are sent in, a bonus of eight votes or total of twelve will be granted.

The larger number of consecutive ballots submitted, the greater is the bonus allowed. Eight consecutive ballots receive a bonus of twenty votes. Twelve consecutive ballots receive a bonus of thirty votes, or a total of forty-two votes. For a complete series of ballots, including one from each issue from March 27 to September 1, a bonus of fifty votes will be allowed.

AN EVENING AT HOME WITH THE LISTENER IN IN EASTERN (OR CENTRAL DAYLIGHT) TIME

Table listing radio stations by call letters, location, and broadcast times for Saturday through Friday. Includes stations like AT9, CFCA, CFCN, etc.

STATIONS IN ORDER OF WAVE LENGTHS

Table listing radio stations in order of wave lengths, with columns for Meters and Call letters. Includes stations like 217.3 WOK, 226 KFVI, etc.

"PRETENSE"

(Continued from page 10)

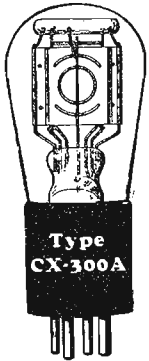
with the words. "Most really eligible men these days seem to feel about marriage as you do. They want roses without thorns. A great many are successful in their quest, too."

"You—of all people—to talk about sacrifice and endurance!" exclaimed the girl. "Why, you don't know what the words mean?"



—is yours

when you slip this new radio tube, CX-300 A, in the detector socket of your receiver and hear with your own ears the remarkable improvement in clarity and volume on local and distant reception.



Cunningham Super-Sensitive Detector

All Types C & CX— In the Orange and Blue Carton

NEW YORK CHICAGO SAN FRANCISCO

VISIT ATLANTIC CITY BOARD WALK W

HIGH LIGHTS OF THE AIR

THAT delightful pair of song-birds, Beulah Lockwood Durfee and J. Otto Jellison of WCCO, are announced for a song cycle, Tuesday, August 17. This soprano and tenor combination come on the air like a high moment from the opera.

Steinmetz, the little giant whose brain unraveled many of the mysteries of modern electricity, is the subject of an interesting series of talks on the Tuesday 6:30 programs at WGY. The story as authoritatively told by John W. Hammond is more than the study of a man, it is a story of American opportunity and achievement.

Providence, R. I., is announced as the sojourn for a day of the Travelers Jongleurs, Wednesday, August 18. The "Unknown Troubadour" of this troupe made his reputation as a star in a barn-storming opera company, singing as a boy soprano and fooling the stage door Johnnies.

Temple Bells and the ethereal presence of Oriental song and mysticism will afford an entertaining feature from CNRM, Thursday, August 19, by the Himalayan string quartet.

If you have never visited the famous "Boardwalk of Atlantic City," you may close your eyes Thursday, August 19, and dial for KDKA. Richard Kountz and the Symphony players will bring to your imagination the sound picture of this well known place. Amid the swell of the waves you will hear the music of the orchestras.

The Gondoliers, those popular musicians of WOS, return to this station Wednesday, August 25, bringing their marimbas with them. They have planned a gay program and anyone enjoying this unusual instrumental music should tune in.

Mr. and Mrs. W. J. Whiteman, Paul Whiteman's parents, and Ferne Whiteman Smith, his sister, will appear at KOA, Wednesday, August 25, when the Ohio society of Denver entertains. Nor will Mr. Whiteman's family appear in jazz selections. They will give a variety of semi-classical music.

Although WCAP, Washington, D. C., will cease to go out over the air all the programs originally given over this station will continue to be broadcast over WRC.

- 10 WFAE (491.5m-610kc), WJAR (305.9m-980kc), WCCO (416.4m-720kc), WCAE (461.5m-650kc), WGSB (256.3m-1770kc), KSD (545.1m-550kc), WDAF (365.6m-820kc), WOO (508.2m-590kc), WTIC (475.9m-630kc), WRC (468.5m-640kc), WSAI (325.9m-920kc), "Martha", WOS (440.9m-680kc), Fiddling champion.
- 10:30 9:30 8:30 7:30 6:30
- KFAB (340.7m-880kc), Old-time tune night.
- 11 10 9 8 7
- WCCO (416.4m-720kc), Scandinavian ensemble.
- WSAI (325.9m-920kc), Harmony Four.
- 11:30 10:30 9:30 8:30
- WBAP (475.9m-630kc), Grapevine Fiddle band.
- 2 1 12 11 10
- WAMD (244m-1230kc), Our hour, Mac, Sac.

Monday, silent night for: CKAC, CNRA, CNRC, CNRE, CNRM, CNRO, CNRR, CNRT, CNRV, CNRW, KHJ, KLDS, KFSN, KWSC, KYW, WBBM, WCBBD, WEBH, WEBJ, WENR, WGBF, WGBS, WGES, WGN, WGY, WHAS, WHT, WIBO, WIP, WJAZ, WJJD, WLBB, WLS, WMAQ, WMBB, WOC, WOK, WORD, WQJ, WRC, WSAI.



THE Jolly Tars above of the Sylvan Beach director of which Earl McP feature is a weekly enter KPRC during the summer. is Nicolai Berezowski, cond Atwater Kent orchestra every Sunday evening at Atlantic time through WE WRC, WWJ, WSAI, W and KSD. Mr. Berezowski only a young director, has self a skilled one. Among girls appearing before the of WQJ is Vesta Lou Balcl she is a soprano. However intelligent one and never o voice offended the ear of a incessantly with requests



Sunday, August 15

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
7:20	6:20	5:20	4:20	3:20
WFAE (491.5m-610kc)	WEEI (348.6m-560kc)	WRC (468.5m-640kc)	WWJ (352.7m-850kc)	KSD (545.1m-550kc)
WCAE (461.5m-650kc)	Capitol family.			
9	8	7	6	5
WCX (516.9m-580kc)	Detroit symphony orchestra.			
9:15	8:15	7:15	6:15	5:15
WIP (508.2m-590kc)	Paul Althouse, tenor.			
11:15	10:15	9:15	8:15	7:15
KOA (322.4m-930kc)	Open-air concert.			

Sunday, silent night for: CKAC, CKNC, CNRA, CNRC, CNRE, CNRM, CNRO, CNRR, CNRT, CNRV, CNRW, KFAB, KFKX, KFOA, KFXF, KMA, KWWG, WAHC, WDAF, WEBJ, WFI, WGBF, WGHF, WGHF, WHAS, WJJD, WJR, WLIT, WLWL, WMAQ, WMC, WNYC, WOA, WOI, WOOD, WRC, WRO, WRVA, WSB, WSM, WTAM, WTIC.

Atlantic or Eastern Daylight Saving Time Stations

- CFOA, Toronto, Can. (356.9m-840kc), 11 a. m., St. Paul's Anglican church; 7 p. m., Timothy Eaton Memorial church; 9:30, CFOA's concert orchestra.
- WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Hotel Pennsylvania orchestra; 7:30, Cathay tea garden orchestra.
- WFAE, New York, N. Y. (491.5m-610kc), 3 p. m., Greater New York Federation of Churches; 4, sacred music; 4:30, Federation mixed quartet; 5:30, Edward Steels, pianist; 6, Frances Sebel, soprano; 7:30, Capitol family, WEEI, WCAP, KSD, WWJ, WJAR, WCAE; 9:15, Atwater Kent, WEEI, WGR, WCAP, WWJ, WSAI, WGN, WCCO, KSD; 4:45-10:15, Goldman band concert, WEEI, WJAR, WTAG, WGSB, WSAI.
- WFI, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., services, Arch st. Presbyterian church, Rev. Clarence E. MacCartney.
- WIP, Philadelphia, Pa. (508.2m-590kc), 4:15 p. m., community vocal and instrumental trio; 7:15, services, Holy Trinity church; 9:15, concert, Marine studio; 10:30, organ recital from Atlantic City High School.
- WJZ, New York, N. Y. (454.3m-660kc), 6 p. m., Isadore Greenberg, violinist; 7:05 p. m., Park Avenue Baptist Church Carillon, WGY; 7:25, Hotel Pennsylvania concert orchestra, WGY; 8, Betty Poulus, contralto, WGY; Ed. Morris, accompanist; 8:15, Hotel Ambassador trio, WGY; 9, Minerva Male quartet, WGY; 9:30, Godfrey Ludlow, violinist, Lolla Cabrera, Gainsboro, pianist, WGY.
- WMAK, Buffalo, N. Y. (265.3m-1130kc), 7 p. m., Churchill tabernacle.
- WMCB, New York, N. Y. (340.7m-880kc), 7 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo By-The-Sea orchestra.

Eastern Standard or Central Daylight Saving Time Stations

- KDKA, Pittsburgh, Pa. (309.1m-970kc), 7 p. m., municipal concert.
- KYW, Chicago, Ill. (535.4m-560kc), 10 a. m., Second Presbyterian church; 3:30 p. m., studio concert; 8:30-10, classical concert.
- WBAL, Baltimore, Md. (245.8m-1220kc), 7:30-8:30 p. m., WBAL concert orchestra.
- WBBM, Chicago, Ill. (225.4m-1330kc), 12:30-2 p. m., Sacred classical concert, Eddie Hanson at the Barton organ, staff artists; 4-6, Musical matinee, Lee Sims; Charlie Lenzen, tenor; 8-10, Melody hour, staff artists; 12, The Nutty club.
- WBZ, Springfield, Mass. (333.1m-900kc), 7 p. m., Conley Plaza concert; 8, Golden Rule hour; 9, Knight of Pythias.
- WCBZ, Zion, Ill. (344.6m-870kc), 9 p. m., male chorus, vocal trio; duets, Ralph Bull, E. B. Paxton; Carey Sisters; Edith Carey, contralto; L. J. Hire, viola soloist; Gerald Mason, cornetist; Mrs. Blanche Kessler, reader; John McHaffey, pianist.
- WCX, Detroit, Mich. (516.9m-580kc), 2:30 p. m., Scherman's band; 8, Detroit symphony orchestra.
- WGHF, Detroit, Mich. (270m-1110kc), 11 a. m., Grosse Pointe Memorial church.
- WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, musicale; 7-7:30, Million sing; 7:20-7:30, Old Fashioned Almanack; 7:30-8, musicale; 8-8:15, Drake concert ensemble, Blackstone string quintet; 8-15, Amateur Kent musicale; 8:45, musicale; 9-10, Our Music Room; 10, feature program; 10:10, WGN studio ensemble.
- WGY, Schenectady, N. Y. (379.5m-790kc), 9:45 a. m., First Church of Christ, Scientist; 6:05 p. m., Park Avenue Baptist church carillon; 6:20, Hotel Pennsylvania orchestra, WJZ; 7, WJZ; 7:30, WJZ; 8:30, WJZ.
- WHT, Chicago, Ill. (399.8m-750kc), 3 p. m., Paul Rader.
- WJR, Pontiac, Mich. (516.9m-580kc), 10 a. m., First Baptist church; 8, Detroit symphony orchestra; 10, song service.
- WKRC, Cincinnati, Ohio. (422.3m-710kc), 10 p. m., classical program; 11:15, Swiss Garden frolic; 12, Marie Turner, blues and ballads; 12:15, Ace Brigade's Fourteen Virginians.
- WLIB, Chicago, Ill. (302.8m-990kc), 5 p. m., Liberty studio ensemble; 5:45, Edward Benedict.

Central Standard Time Stations

- WLW, Cincinnati, Ohio. (422.3m-710kc), 9:30 a. m., Sunday school, 11, church service; 3 p. m., municipal band, Eden park; 7:30, Grace Chapman, organist; 8:30, Crosley Salon orchestra; Nadyne Roberts Winters, soprano.
- WQJ, Chicago, Ill. (447.5m-670kc), 3-4 p. m., Sylvian Four; Jacob Hanneman, pianist; 8-10, Rainbow Gardens orchestra; Clara Gorski Geis, soprano; J. Edwin Peterson, bass; Eliott Oakes, violinist; Dorothy Cutler, pianist; Lauralice duo; Dr. Carl Bertschinger, pianist.
- WSAI, Cincinnati, Ohio. (325.9m-920kc), 7:45 p. m., chimes; 8:15, WFAE; 8:45, WFAE.
- WTAM, Cleveland, Ohio. (389.4m-770kc), 6 p. m., Hollenden Hotel orchestra; 7, Park Theater orchestra; 8, Twilight musicale.
- WWJ, Detroit, Mich. (352.7m-850kc), 11 a. m., First Presbyterian church; 2 p. m., Detroit News orchestra; 6:20, WFAE; 8:15, WFAE.

Central Standard Time Stations

- CKY, Winnipeg, Can. (384.4m-780kc), 7 p. m., St. Andrews United.
- KFAB, Lincoln, Nebr. (340.7m-880kc), 9-10 p. m., Sunday evening musicale.
- KFNF, Shenandoah, Ia. (461.3m-650kc), 10:45 a. m., First M. E. church; 2:30 p. m., Seed House song service; 3, Men's Gospel Team service; 6:30, Golden Rule circle; 8, Christian church service.
- KMA, Shenandoah, Ia. (461.3m-650kc), 4-5 p. m., Lutheran church choir; 5, talk, Rev. L. A. Lippitt.
- KMMJ, Clay Center, Nebr. (228.9m-1310kc), 9:15 p. m., services.
- KOIL, Council Bluffs, Iowa. (305.9m-980kc), 11 p. m., program.
- KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11 a. m., First Presbyterian church; 9-10-10, Meyer Davis ensemble.
- WBAP, Fort Worth, Tex. (475.9m-630kc), 11 a. m., First Methodist church; 9:30-11, Sorin-White Top o Texas orchestra.
- WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 10:50 a. m., classical chapel service, M. E. church; 4:10 p. m., House of Hope Presbyterian church; 7:15, WFAE; 9:30, Hugo Philier Goodwin, organist.
- WDAF, Kansas City, Mo. (365.6m-820kc), 3-3:30 p. m., classical music program; 3:30-4, Newman theater stage specialties; 4-4:45, Sabbath vesper.
- WFAA, Dallas, Tex. (475.9m-630kc), 6-7 p. m., Radio Bible class; 7:15-8, American Legion program; 8-9, First Methodist Episcopal church; 11-12, Harry F. Hassall and his symphonic orchestra.
- WHA, Milwaukee, Wis. (275.1m-1090kc), 3:15 p. m., Milwaukee Park band concert.
- WHAS, Louisville, Ky. (399.8m-750kc), 9:57 a. m., organ; 10, Broadway Christian church.
- WHO, Des Moines, Ia. (526m-570kc), 5-6 p. m., Bankers' Life Little Symphony orchestra; 7:30-8:30, Paul Chantanson's Hotel Fort Des Moines orchestra.
- WMC, Memphis, Tenn. (499.7m-600kc), 11 a. m., Second Presbyterian church.
- WOAW, Omaha, Nebr. (526m-570kc), 2:30 p. m., classical period; 4, chapel service.
- WOC, Davenport, Ia. (483.6m-620kc), 1-2 p. m., old folks' musicale; Paul J. Vipperman, tenor; 8-8:30, Pliny L. Allen of Lombard college; 9:30-10:30, Palmer Little symphony.
- WSB, Atlanta, Ga. (428.3m-700kc), 7:30 p. m., North Avenue Presbyterian church.
- WSM, Nashville, Tenn. (282.8m-1060kc), 7:30 p. m., First Presbyterian church.
- WST, Milwaukee, Wis. (245.8m-1220kc), 10 a. m., church service; 3:30, Bible hour; 8, services.

Mountain Standard Time Stations

- KOA, Denver, Colo. (322.4m-930kc), 11 a. m., Montview Presbyterian church; 5:30 p. m., Mrs. Blanche Townsend, organist; 8, open-air concert, Denver municipal band.

Pacific Standard Time Stations

- KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Jim, Jack and Jean trio; 8-9, Aeolian organ; 9-10, Bob Botter's Venetians; 10-11, Packard Six orchestra.
- KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m., Warner Brothers' Sunday night movie frolic, featuring Bill Hatch and his orchestra.
- KGO, Oakland, Cal. (361.2m-830kc), 11 a. m., First Baptist church; 4 p. m., vespers, Grace Cathedral; 6:30-7:30, Bem's Little symphony orchestra; 7:35, First Baptist church; 9-10, Bem's Little symphony.
- KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m., evening service, First M. E. church; 8:10 p. m., Orpheus Four male quartet.
- KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Circle theater organ and orchestra; 8-9, service, First Presbyterian church of Hollywood; 9-10:30, program, Beverly Hills Nurseries.
- KPO, San Francisco, Calif. (428.3m-700kc), 5-6 p. m., Marshall W. Giselman, organist; 6-6:30, States Restaurant orchestra; 6:35-8:35, Palace Hotel concert orchestra; 8:35-10, Rudy Seiger's Fairmont hotel orchestra.

Monday, August 16

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8	7	6	5	
WEEI (348.6m-600kc)	Tales of the Sea.			

Atlantic or Eastern Daylight Saving Time Stations

- CKNC, Toronto, Can. (356.9m-840kc), 9 p. m., Eveready Salon orchestra; Mrs. Harry Hodgetts, soprano; E. Clare Forster, bass.
- WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Shellenburg and company; 8, Carolyn Thomas, soprano; 8:30, The Two Rascais; 8:45, The Merry Minstrels; 9:30, Italian comedians, Tony and Joe; 9:45, Chalfont sisters, songs; 10, Raymond Vetter, violinist; 10:40, recital.
- WFAE, New York, N. Y. (491.5m-610kc), 6 p. m., dinner music; Myrtle Stitt, Mason, contralto; 7:15, Florence Wilkanowski, pianist; 7:30, Claude Reese, tenor; 8, Meyer Davis and his orchestra; 8:30, Goldman band concert, WWJ, WTIC; 10, grand opera, "Martha", WJAR, WCCO, WCAE, WGSB, KSD, WDAF, WOO, WTIC, WCAP, WSAI; 11-12, Jack Albin and his orchestra.
- WEEI, Boston, Mass. (348.6m-860kc), 8 p. m., Earl Nelson and his uke; 8:15, Varsity tire entertainers; 9, Steamship Dorothy Bradford orchestra; 9:30, Nautical dance orchestra.
- WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden orchestra.
- WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hazel Madison dinner orchestra; 7:55, John B Kennedy; 8:10, Troubadour Tavern orchestra; 9, Maxwell House Coffee ensemble; 10:30, Harold Leonard's Waldorf-Astoria roof orchestra.
- WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Short Agro Waves, Chas. E. Shofner; 8:15, Arcadia Cafe concert orchestra; 9, Grand opera hour of music; 10:30, Hotel Shelburne orchestra; 10:30, Ray's vaudeville features; 10:45, El Patio orchestra.
- WMAK, Buffalo, N. Y. (265.3m-1130kc), 6:15-7:15, Philco Battery serenaders; 7:30-8:15, Buffalo Athletic club; 8:15-9, agriculture program.
- WMCB, New York, N. Y. (340.7m-880kc), 6:30 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo-by-the-Sea; 9:15, Hardman Hour of Music; 10:30, Hotel Shelburne orchestra; 11, Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12m, McAlpin entertainers.
- WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7:30, Brooklyn Daily Eagle program; 8, Newark Philharmonic band; 9, Klein's Serenading Shoemakers; 10, Monterey Society orchestra; 10:30, Monterey concert quintet; 11:15, Ben Bernie's Berkeley-Carteret orchestra.
- WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania orchestra; 8, organ recital; 8:30, Sesquicentennial program; 10:30, Sam Brown's orchestra.

Eastern Standard or Central Daylight Saving Time Stations

- KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., Etzi Covato and his orchestra; 8, Marie Vieheller, pianist; Blanchard Wiester, tenor; 8:30, concert, Willows, Oakmont.
- WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 7:30-8, WBAL male quartet; 8-9, WBAL trio; 9-10, dance orchestra.
- WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Lenox ensemble; 6:35, Hotel Kimball trio; 8, Capitol theater orchestra; 8:30, Rene Dagevais, organist; 9, Priscilla Beach half hour; 9:30, Edson A. Parks and his orchestra.
- WCX, Detroit, Mich. (516.9m-580kc), 6 p. m., Goldkette ensemble; 8-10, Detroit symphony orchestra.
- WGHF, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Caroline Lee, Max Hartlett, pianist.
- WGHF, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 8:30-9, studio program; 9-10, WGHF ensemble and soloists.
- WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:15, Caspar

DANCING

- 9, Mebb, Wjaz, Wmbi Wayne, Wreo; 9:10, Kth Wip; 9:30, Kths, Wgb Wgr, Wrc; 10, Kmo Kfwa, Koa, Kpo, Wga Wgn, Wjwz, Wjr, Wkr Wwca, Wwy, Wwr, Ww Wwo, Wwtam; 10-0 Wcco; 10:30, Mami 10:45, Wls; 11, Kfw Kfwb, Kpo, Wgh, Wfa Wgco, Wwh, Wwj, Ww 11:30, Kfoa; 11:4 Wdaf; 12, Kgo, Kgy Knx, Wgbu, Wjaz, Wjj
- Monday
- 8, Wgcp; 9, Wgb Wjar, Wor; 9:15, Wab 10, Kths, Wgco, Wgc Wgr, Wnye, Wpg; 10:1 Wor; 10:30, Wgcp, Wh 11, Kgw, Koll, Wfb Wgcp, Wgr, Whn, Wh Wjwz; 11:45, Wdaf; 1 Knx, Kpo.
- Tuesday
- 10:15, Kths; 10:30, Kth Whn; 10:45, Wsb; 11 Kgw, Koll, Wgbu, Wh Wjaz; 11:45, Wdaf; 1 Kgw, Kth, Knx, Kp Wdaf, Wjaz; 1, Wjd.
- Wednesday
- 9:15, Wab; 9:30, Wba Wbo, Wor; 9:30, Kfy Wbap, Wwaf, Wwb Wwcp, Wjaz, Wqj; 10:0 Wcco; 10:30, Wbap, Wh 11, Kmox, Koll, Kp Wbbh, Wgbu, Wgcp, W Whn, Wjaz; 11:45, Wda 12, Kfwa, Knx, Kp Wjaz, Wjjd.
- Thursday
- 8, Wjr; 9, Wbbh, Wee Wgbu, Whn, Wjr, Wmbi Wsai, Wtag; 9:05, Wb Wip; 9:30, Wgbs, Wg Whn; 9:35, Wnye; 1 Kths, Wb'sm, Wga Wgbu, Whn, Wmca, W Wqj; 10:30, Kths, Wh Webb, Wgbu, Whn, W 11:45, Wdaf; 12, Kg Khj, Knx, Kpo, Wjjd.
- Friday
- 8, Wwj; 9, Wex, Wwb Weel, Wwgr, Wgc Wmbb; 9:15, Wab; 9:3 Wcau, Whn; 10, Kp Kths, Wgbu, Wgc Whn, Wgr, Wqj.

WITH SYMPHONY PLAYERS OF KDKA



Tars above are members of the Beach dance orchestra. Earl McMahon is the Houston Post Dispatch weekly entertainment at the summer. To the left is the conductor, Mr. Berezowski, although director, has shown himself before the microphone. To the right, and ane and never once has her the ear of a listener. In sings the telephone rings with requests for more.



Atlantic or Eastern Daylight Saving Time Stations

Atlantic or Eastern Daylight Saving Time Stations
CNRA, Moncton, Can. (322.4m-930kc), 9 p. m., barn-raising frolic, band, two town cut-ups; 11, CNRA, dance orchestra.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg and company; 8, Roy Tracy, tenor; 8:10, The Three Brothers; 8:25, Peter Ricci, baritone; 8:45, Charles Higgins, popular songs; 9, Kuehne's Artists; 9:30, recital; 9:45, Eddie Malle's entertainers; 10, Billy Hay's Cathay dance orchestra.
WEAF, New York, N. Y. (491.5m-610kc), 6 p. m., dinner music; 7, Walter H. Preston, baritone; 7:10, Columbia University French lecture, Dr. Thatcher Clark; 7:30, William Wilson and his orchestra; 8, Salon concert, WEEL, WFL, WCAE, WWJ, WGR, WTAM; 8:30, Gold Dust Twins, WEEL, WFL, WCAE, WGR, WWJ, WOC, WCCO, WCSH, WJAR, WLBI, WTAM, KSD; 9, Eveready hour, WEEL.

FARMERS' PROGRAM INDEX

Farmer Dinner Concerts

Daily Except Sunday

CENTRAL TIME

KFNF, 12:15-1:35 p. m.
KMA, 11:30-12:30
KSO, 12:30-1:30 p. m.

Sunday

Atlantic Eastern Central Mountain Pacific
4:30 p. m. 3:30 2:30 1:30 12:30
WFAA (475.9m-630kc), Sunday hour for farmers.

Monday

Atlantic Eastern Central Mountain Pacific
12 m. 11 10 9 8
KMMJ (228.9m-1310kc), Poultry talks.
2:30 p. 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Farm talk, Agricultural aid.
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:45 1:45 12:45 11:45 10:45
WOI (270.1m-1110kc), Questions and answers on Horticulture.
8:45 7:45 6:45 5:45 4:45
WSM (282.8m-1060kc), Poultry talks.
9 8 7 6 5
WOS (440.9m-680kc), Livestock questions and answers.
9:30 8:30 7:30 6:30 5:30
WMC (499.7m-600kc), Farm talk.
10 9 8 7 6
KFNF (461.3m-650kc), Poultry talk.
10:30 9:30 8:30 7:30 6:30
WFAA (475.9m-630kc), Sears-Roebuck program.
12:05 a.m. 11:05 10:05 9:05 8:05
KGO (361.2m-830kc), Agricultural Outlook.

Tuesday

Atlantic Eastern Central Mountain Pacific
12 m. 11 10 9 8
KMMJ (228.9m-1310kc), Poultry talks.
2:15 1:15 12:15 11:15 10:15
WCCO (416.4m-720kc), Farm program.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:45 1:45 12:45 11:45 10:45
WOI (270.1m-1110kc), "Animal Husbandry."
7:45 6:45 5:45 4:45 3:45
WGY (379.5m-790kc), Agricultural program.
9:33 8:33 7:33 6:33 5:33
KYW (535.4m-560kc), American Farm Bureau Federation.
10:30 9:30 8:30 7:30 6:30
KOA (322.4m-930kc), Farm question box.

Wednesday

Atlantic Eastern Central Mountain Pacific
1:45 p. m. 12:45 11:45 10:45 9:45
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
WFAA (475.9m-630kc), Sears-Roebuck Agricultural program.
2:45 1:45 12:45 11:45 10:45
WOI (270.1m-1110kc), Poultry husbandry.
9 8 7 6 5
WOS (440.9m-680kc), Evening market hour, poultry questions and answers.

Thursday

Atlantic Eastern Central Mountain Pacific
2:15 p. m. 1:15 12:15 11:15 10:15
WOI (270.1m-1110kc), Farm crops.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
9:30 8:30 7:30 6:30 5:30
WOI (270.1m-1110kc), Talk.
9:33 8:33 7:33 6:33 5:33
KYW (535.4m-560kc), American Farm Bureau.
10:30 9:30 8:30 7:30 6:30
KOA (322.4m-930kc), Farm question box.

Friday

Atlantic Eastern Central Mountain Pacific
2:15 p. m. 1:15 12:15 11:15 a.m. 10:15
WCCO (416.4m-720kc), Farmers' program.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:45 1:45 12:45 11:45 10:45
WOI (270.1m-1110kc), Agricultural Economics.
9 8 7 6 5
WOS (440.9m-680kc), Evening Market hour, Dairy questions and answers.
9:30 8:30 7:30 6:30 5:30
WOC (483.6m-620kc), Question box.

Saturday

Atlantic Eastern Central Mountain Pacific
2 p. m. 1 12 n. 11 10
KPRC (296.9m-1010kc), Farmers' educational and musical program.
2:15 1:15 12:15 11:15 10:15
KSO (241.8m-1240kc), Farm talk.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
2:45 1:45 12:45 11:45 10:45
WOI (270.1m-1110kc), Soils, questions and answers.
9 8 7 6 5
KDKA (309.1m-970kc), Farm program.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., "The Wander Story of Stejneger"; 6:45, WJZ; 7:30, WJZ; 8, WJZ; 9:30, "Australia."
WHT, Chicago, Ill. (399.8m-750kc), 7:30 p. m., Al Carney, organist; Riverview Melody Masters; 8:45-10:15 (238m-1260kc), organ opening; Riverview orchestra; 10:30-11 (399.8m-750kc), Al Carney, organist; bel Canto male quartet; Ann Slack, cellist; Riverview orchestra; your hour league.
WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert; 12, midnight jamboree.
WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; The Quips That Pass in the Night; Helen Jackson, pianist; Frank Mason, violinist; Joan Miller, contralto.
WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Glover Watson old-time dance orchestra; 8, Detroit symphony orchestra.
WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m., Eugene Perazzo, organist; 11, Al Kirschner, pianist; 11:15, Chubby Bieber, Patty-Cake Man; 11:30, dance program.
WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Million sing; Old Fashioned Almanack; 7:15, dinner music; 7:30, "The Wander Story of Stejneger"; 8:15, Correll and Gosden; 11:20, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.
WLS, Chicago, Ill. (344.6m-870kc), 6:45 p. m., Maurie Sherman's College Inn orchestra; 7:20, Prof. E. Frazer, reader; 7:30, Ralph Emerson, organist; 8:10, College Inn orchestra; 8:20, Howard Melaney, tenor; 8:30, popular music.
WJMN, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Johanna Grosso, organist; 7:30, Castle Farm dinner music; 8:15, Crosley Burnt Corkers; 9, Formica symphony orchestra.
WMAQ, Chicago, Ill. (447.5m-670kc), 6:30 p. m., orchestra; 6:45, swimming lesson; 8, book review, Keith Preston; 8:20, Architect's Small House service bureau; 8:40, Whitney trio; 9, Mae Dowling Schmidt, pianist; 9:30, Jack Chapman's orchestra; 9:45, Burpan Homes.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Ye Olde Tyme Song Feste, Roy Clark, Sally Simpkins, Jim Forshey, Claude Lee, Beth Garrison, Van Wye's instrumental quartet; 9:45, Melissa Dvorak.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., dinner concert; 10-2 a. m., violin quartet; T. N. Coffee, tenor; Frank Blasco, boy tenor; Muriel Olsen, blues singer; Ray Hibelber, tenor; Romo Vincent, boy baritone; Sophia Kasir.
WREO, Lansing, Mich. (225.5m-1050kc), 6-7 p. m., Johnnie Grosso, organist; Special Wagon serenaders; Gold Standard ensemble; 8:15-9:45, band concert natural amphitheater.
WSAL, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WJZ; 7:30, Charles H. Partington, accordionist; Ray Lombardi, baritone; 8, Eveready hour; 9, Maids of Melody; Lola Bruce, pianist.
WWSW, Chicago, Ill. (275.1m-1090kc), 8-9 p. m., Truman Agland, pianist; Deiores Diazavado, Spanish songs; Georgis Gray, Terrace Garden orchestra, Henri Therrien, Walter Dyckman, Jean St. Anne, baritone; Ilona Kinz, songs; 10-11, Hugh Aspinwall, Georgis Gray, Mathews sisters, harmony; Zola Haynes, pianist; Terrace Garden orchestra; 12-1, Watching hour.
WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., State theater vaudeville and music; 7, Salon concert from WEAF; 7:30, Gold Dust Twins from WEAF; 8, Eveready entertainers from WEAF; 9, Moment musical; 10, studio program; 11, Frank R. Wilson's Euclid Beach park orchestra.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

cycle, Beulah Lockwood Durfee, soprano; J. Otto Benson, tenor.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., address, Mrs. Henry Cohen; 11:45-1, Charlie Straight's Brunswick recording orchestra; Earl Coleman's orchestra; Harry Frank, organist.
WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Honey Boys orchestra; 8:30-9:30, Fred J. Wilcox, pianist; Mrs. H. Stanley Staveley, singer; 11-12, Jimmy Joy's orchestra.
WGE, Evansville, Ind. (236m-1270kc), 7 p. m., Journal musical program; 8, musical novelties.
WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., dinner hour program, orchestral selections; 8:30, Wisconsin theater review.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-8:30 p. m., Music Box extension studio; 8:30-9, Louis Wegert, zither soloist.
WHO, Des Moines, Iowa (526m-570kc), 7:30-9 p. m., Fourteenth Cavalry band.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., musical program; 11, Britling's Cafeteria orchestra.
WQAL, San Antonio, Texas (394.5m-760kc), 8:30 p. m., Gebhardt Mexican players.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, program; George H. Lee company; 10:15, WOAW Radio Movie club.
WOC, Davenport, Iowa (483.6m-620kc), 6:30-7 p. m., WEAF; 7-8, WEAF; 8-9, Fourth band concert; 9:30, Tom Thumb and the Merry Old Chef.
WSM, Nashville, Tenn. (282.8m-1060kc), 8 p. m., studio program.
WSOE, Milwaukee, Wis. (245.8m-1220kc), 8 p. m., Building and Loan ideas; 9, Knights of Pythias concert.

Mountain Standard Time Stations
CNRR, Regina, Can. (312.3m-960kc), 8 p. m., McQuarrie's concert orchestra; Pragnall trio.
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra.
Pacific Standard Time Stations
CNRV, Vancouver, Can. (291m-1030kc), 9 p. m., Mr. and Mrs. James Peter Ferguson, Ann Lochard, soprano; Walter Wright, bass; one-act play, "The Monkey's Paw"; 10:30, Cabaret Belmont orchestra.
KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Virginia barroom orchestra; Parks sisters in vocal duets; 8-9, screen artists' string quartet; 9-10, studio program; 10-11, Packard Radio club.
KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program, Morris and company; 8:10 p. m., studio feature program; 10-11, Warner brothers frolic.
KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Bern's Little Symphony orchestra; 8-9, Eveready program, California male quartet; 9-10, Pilgrims.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-10, "Crater Lake National Park"; R. W. Price; 10-12, Herman Kennis's dance orchestra; Curt Kramer, pianist.
KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., weekly visit, Queen Titania and the Sandman; 8-10, varied musical program; 10-11, L. A. Ry. dance orchestra.
KNX, Hollywood, Calif. (336.9m-890kc), 7-7:45 p. m., program, John A. Vaughn corp.; 7:45, health talk; 8-9, Budder's Finance ass'n program; 9-10, Western Auto Supply company program; 10-11, Edgewater club; 11-1 a. m., Ambassador hotel dance orchestra.
KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel orchestra; 8-9, studio program; 9-10, Gypsy and Maria; 10-11, orchestra.
KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Star-News concert hour, Adolf Tandler ensemble, George Frenger, tenor.

Mountain Standard Time Stations

Pacific Standard Time Stations

DANCING

Central Time
Saturday
Mebh, Wjaz, Wmbb, c, Wreo; 9:10, Kths, 9:30, Kths, Wgbs, Wrc; 10, Knox, Koa, Kpo, Weaf, Wjaz, Wjr, Wkrc, s, Wnye, Wor, Wqj, w, Wtam; 10:05, 10:30, Mamd; 11, Wls; 11, Kfwa, Kpo, Webh, Wtae, u, Who, Wjaz, Woc, v, Kfoa; 11:45, 12, Kgo, Kgw, Wgbu, Wjaz, Wjjd.
Monday
Wgcp; 9, Wgbu, w, Wor; 9:15, Wahg; Kths, Wgbu, Wgcp, Wnye, Wpg; 10:15, 10:30, Wgcp, Whn; Kgw, Koil, Wgbu, w, Wgr, Whn, Who, v, 11:15, Wdaf; 12, Kpo.
Tuesday
Kths; 10:30, Kths, 10:45, Wsb; 11, Koil, Wgbu, Whn, v, 11:45, Wdaf; 12, Khj, Knx, Kpo, v, Wjaz; 1, Wqj.
Wednesday
Wahg; 9:30, Whap, Wor; 10, Kive, v, Weaf, Wgbu, v, Wjaz, Wqj; 10:05, 10:30, Wbap, Whn; Knox, Koil, Kpo, v, Wgbu, Wgcp, Wgr, Wjaz; 11:45, Wdaf; Kfwa, Knx, Kpo, v, Wjjd.
Thursday
Wjr; 9, Webh, Weel, v, Whn, Wjr, Wmbb, v, Wtag; 9:05, Wbz, 9:30, Wgbs, Wgy, v, 9:35, Wnye; 10, W'n, Weaf, v, Whn, Wmea, Wpg, v, 10:30, Kths, Whn, v, Wgbu, Whn, Woc, v, Wdaf; 12, Kgo, Knx, Kpo, Wjjd.
Friday
Wwj; 9, Wex, Webh, v, Wgbu, Wgcp, v, 9:15, Wahg; 9:30, Whn; 10, Kpo, Wgbu, Wgcp, v, Wgr, Wqj.

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
CNRA (322.4m-930kc), Barn-raising frolic.
9:20 8:20 7:20 6:20 5:20
WMAQ (447.5m-670kc), Architects' Small House service bureau.
11 10 9 8 7
WBAL (245.8m-1220kc), City Park orchestra.
11 10 9 8 7
WCCO (416.4m-720kc), "Sayonara," song cycle.
WOJ (447.5m-670kc), First National violin quartet.
11:15 10:15 9:15 8:15 7:15
WKRC (422.3m-710kc), Patty-Cake Man.
11:45 10:45 9:45 8:45 7:45
KTHS (374m-800kc), Dialect stories.
12 11 10 9 8
KGO (361.2m-830kc), Orpheus orchestra.

Tuesday, August 17

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (322.4m-930kc), Barn-raising frolic.
9:20 8:20 7:20 6:20 5:20
WMAQ (447.5m-670kc), Architects' Small House service bureau.
11 10 9 8 7
WBAL (245.8m-1220kc), City Park orchestra.
11 10 9 8 7
WCCO (416.4m-720kc), "Sayonara," song cycle.
WOJ (447.5m-670kc), First National violin quartet.
11:15 10:15 9:15 8:15 7:15
WKRC (422.3m-710kc), Patty-Cake Man.
11:45 10:45 9:45 8:45 7:45
KTHS (374m-800kc), Dialect stories.
12 11 10 9 8
KGO (361.2m-830kc), Orpheus orchestra.

Wednesday, August 18

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra.
9 8 7 6 5
KDKA (309.1m-970kc), Allegro Mandolin sextet.
9:30 8:30 7:30 6:30 5:30
WLS (344.6m-870kc), U. of Chicago choir.
10 9 8 7 6
WEAF (491.5m-610kc), WRC (468.5m-640kc), WTAR (305.9m-980kc), WEEL (348.6m-560kc), WCAE (461.3m-650kc), WCSH (256.3m-1170kc), KSD (545.1m-550kc), "The Grand Duchess."

Thursday

Friday

Saturday

Sunday

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra.
9 8 7 6 5
KDKA (309.1m-970kc), Allegro Mandolin sextet.
9:30 8:30 7:30 6:30 5:30
WLS (344.6m-870kc), U. of Chicago choir.
10 9 8 7 6
WEAF (491.5m-610kc), WRC (468.5m-640kc), WTAR (305.9m-980kc), WEEL (348.6m-560kc), WCAE (461.3m-650kc), WCSH (256.3m-1170kc), KSD (545.1m-550kc), "The Grand Duchess."

Friday

Saturday

Sunday

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra.
9 8 7 6 5
KDKA (309.1m-970kc), Allegro Mandolin sextet.
9:30 8:30 7:30 6:30 5:30
WLS (344.6m-870kc), U. of Chicago choir.
10 9 8 7 6
WEAF (491.5m-610kc), WRC (468.5m-640kc), WTAR (305.9m-980kc), WEEL (348.6m-560kc), WCAE (461.3m-650kc), WCSH (256.3m-1170kc), KSD (545.1m-550kc), "The Grand Duchess."

Sunday

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra.
9 8 7 6 5
KDKA (309.1m-970kc), Allegro Mandolin sextet.
9:30 8:30 7:30 6:30 5:30
WLS (344.6m-870kc), U. of Chicago choir.
10 9 8 7 6
WEAF (491.5m-610kc), WRC (468.5m-640kc), WTAR (305.9m-980kc), WEEL (348.6m-560kc), WCAE (461.3m-650kc), WCSH (256.3m-1170kc), KSD (545.1m-550kc), "The Grand Duchess."

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra.
9 8 7 6 5
KDKA (309.1m-970kc), Allegro Mandolin sextet.
9:30 8:30 7:30 6:30 5:30
WLS (344.6m-870kc), U. of Chicago choir.
10 9 8 7 6
WEAF (491.5m-610kc), WRC (468.5m-640kc), WTAR (305.9m-980kc), WEEL (348.6m-560kc), WCAE (461.3m-650kc), WCSH (256.3m-1170kc), KSD (545.1m-550kc), "The Grand Duchess."

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra.
9 8 7 6 5
KDKA (309.1m-970kc), Allegro Mandolin sextet.
9:30 8:30 7:30 6:30 5:30
WLS (344.6m-870kc), U. of Chicago choir.
10 9 8 7 6
WEAF (491.5m-610kc), WRC (468.5m-640kc), WTAR (305.9m-980kc), WEEL (348.6m-560kc), WCAE (461.3m-650kc), WCSH (256.3m-1170kc), KSD (545.1m-550kc), "The Grand Duchess."

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra.
9 8 7 6 5
KDKA (309.1m-970kc), Allegro Mandolin sextet.
9:30 8:30 7:30 6:30 5:30
WLS (344.6m-870kc), U. of Chicago choir.
10 9 8 7 6
WEAF (491.5m-610kc), WRC (468.5m-640kc), WTAR (305.9m-980kc), WEEL (348.6m-560kc), WCAE (461.3m-650kc), WCSH (256.3m-1170kc), KSD (545.1m-550kc), "The Grand Duchess."

Tuesday

Wednesday

Thursday

Friday

Saturday

Sunday

Headliners Today

Atlantic Eastern Central Mountain Pacific
8:30 7:30 6:30 5:30 4:30
WJZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra.
9 8 7 6 5
KDKA (309.1m-970kc), Allegro Mandolin sextet.
9:30 8:30 7:30 6:30 5:

ROMANTIC MUSIC OF INDIA AT CNRM

Friday, August 20

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
7:45	8:45	5:45	4:45	3:45
WTIC (475.9m-630kc), "Little Johnnie Sees the Judge."				
8:30	7:30	6:30	5:30	4:30
WBAI (245.8m-1220kc), WBAL jubilee singers.				
9:30	8:30	7:30	6:30	5:30
WMAQ (447.5m-670kc), Whitney trio.				
10:30	9:30	8:30	7:30	6:30
WCCO (416.4m-720kc), Cumberland Boys' hand.				
WLS (344.6m-870kc), Silvertone artists series.				

Friday, silent night for: CFAC, CKAC, CKNC, CKNS, CNCR, CNRM, CNRO, CNRR, CNRW, KFKF, KLDL, KPRC, KPSN, KWVG, WBBR, WCAD, WCBD, WGBS, WIP, WJAZ, WKRC, WLIT, WLW, WLWL, WOR, WRJ, WRO, WRVA, WSAL, WSMB, WSUL, WTAM.

Atlantic or Eastern Daylight Saving Time Stations

CNRA, Moncton, Can. (322.4m-930kc), 9 p. m., Nova Scotia Provincial exhibition concert troop; 11, orchestra.

WCAI, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg and co.; 8, Barry O'Moore, Irish tenor; 8:30, The Singing Groundhog; 8:45, Miss Bambina, piano accordionist; 9, Regina Crooners; 9:15, Nasco Jolly Four; 9:45, Willie Pierce, songs; 10, Jack Myers Musical Architects.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 mid-night, May Singli Breen, pianist; Peter De Rose, pianist; Wandering Musicians; Mabelanna Corby program; La France orchestra; Whittall Anglo-Persians; Pelham Heath lun orchestra.

WEBJ, New York, N. Y. (272.6m-1100kc), 7 p. m., Al Becker, banjoist; 7:15, Sigmund Brunislaw, tenor; 7:30, Knickerbocker Gail orchestra; 8 p. m., Jack Gail, pianist; 8:15, Kathryn Connolly, soprano; 8:30, Luna's Marine band.

WEEI, Boston, Mass. (345.6m-860kc), 7:30 p. m., Whiting's four merry milkmen; 8, Patrick Gaffney, fiddler, Susan Peters, accompanist; 8:15, musicale; 8:30, Neapolitan girls quintette; 9, La France orchestra; New York; 9:30, musicale; 10, Whittall Anglo-Persians; New York; 10:30, Ed Andrews' Nautical dance orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Geo. Olsen's Hotel Pennsylvania orchestra; 8, West Point Thayer Hotel program; 8:30, May Singli Breen, Peter de Rose, Four Jack Roses; 9, Sundial Shoe Serenaders, Bonnie Laddies; 10, Maurice Leest string trio; 10:30, Hotel Belleclaire Tower orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Dream Daddy's bedtime stories; 8, A recadia cafe concert orchestra; 8:15, Patterin' Banjo boys; 9, Schicklering artists; 10, Morning Glory club concert; 10:30, Rufus and Rastus; 11, Freshman Masterpiece Radio hour.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-8:15 p. m., WGY orchestra; 8:15-10:30, WGY players.

WMAA, New York, N. Y. (340.7m-880kc), 6:30 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo by-the-Sea orchestra; 8, Midland beach orchestra; 9, Paul Whiteman's Picadilly Players; 9:30, Klein's Serenading Shoemakers; 10, Colonial Inn orchestra; 11, Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12 m., McAlpin entertainers.

WOR, Newark, N. J. (405.2m-740kc), 6:20 p. m., Bill Wathey, sports; 6:35, Hotel Bretteon Hall string quartet; 7:30, Crystal Palace orchestra; 8:30, Donald H. Baker, organ recital; 10:15, Ritz-Carlton dance orchestra.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra; 9, WEAF; 10:30, Sam Brown's orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8 p. m., West-inghouse band; Grace Elcote, soprano; Marie Beals Vance, contralto.

KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., dinner music; 6, Chicago Evening American; 7, Federal Master artists; 9:30-11, Congress carnival.

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 7:30-8, WBAL Jubilee singers; 8-9, musical program; 9-10, Municipal band of Baltimore.

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., Eddie Hanson, organist; 9-10, Harmony Time and staff artists.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Lenox ensemble; 6:35, Hotel Kimball trio; 8, Helen Bressen ukulele program; 8:15, Irene Simpson Rommel, pianist; 8:30, Wanderers; 9, Julia Cullinane, saxophonist; George Seaberg; banjo-mandolin; Anne Cullinane, accompanist; 9:30, Hotel Brunswick orchestra.

WCX, Detroit, Mich. (516.9m-580kc), 6 p. m., Gold-kette ensemble; 8, Detroit symphony orchestra; 10, dance music.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Frederick Hubbard, organist; Mrs. Ethel Morand Weber, soprano; Mrs. Maude Sheridan, contralto.

WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 10-11, WGHP entertainers; 11-12, Skylark dance band and soloists.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble, Blackstone string quintet; 7, Million sing; 7:05, Old Fashioned Almanack; 7:15, Paul Ash; 8-9, music; 9, WEAF; 9:30, Phantom Violin; 10, Sam 'n' Henry; 10:10, Music Box; 10:22, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m., Hotel Van Curler; 6:35, Stanley Lansing, pianist; 6:45, Remington Typewriter band; 7:45, Stanley Lansing, pianist; 8, Pittsfield Mass. artists; 9:30, Midnight Son's orchestra.

WHT, Chicago, Ill. (399.1m-750kc), 7:30-8 p. m., Al Carney, organist; Pat Barnes; 8:45-10:15 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10-11 (399.8m-750kc), Al Carney, organist; Rita McFann, soprano; Oscar Heather, tenor; Rita McFann, soprano; Al and Pat.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Early evening musical; 10-12, Popular program.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid-n. Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; The Quips that Pass in the Night; Walter Lewis, baritone; Eulaide Kober, pianist.

WJR, Detroit, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:30, Gren-nan Protectors; 8, Detroit symphony orchestra.

WLIB, Chicago, Ill. (302.8m-990kc), 11 p. m., songs, Correll and Gosden; 11:20-1, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; Otto Moore, baritone; Henrietta Nolan, violinist; Marjory Worthington, soprano; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 9, Silvertone artists series, Glenn Drake, tenor; Charles Lurvey, pianist; 10:30, Medicine show; 11, Ralph Emerson, organist.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 8, George Simons, tenor; 8:30, Whit-ney trio; 9, Emerson Abernethy, baritone; 9:30, Olga Sander, pianist.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Van Wyck's instrumental quartet; 10:10, Ramona Radio revelry; orchestra.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Otto Moore, baritone; Henrietta Nolan, violinist; Marjory Worthington, soprano; 10-2, Dr. H. Lucille Long; Flo and Ray; Romeo Vincent; Muriel Olsen; Clarence Clausen, tenor; Frank Blasco, tenor; Lauretta Giles, soprano; Harry Brooker, baritone.

WREO, Lansing Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music; Gold standard ensemble Speed-wagon serenaders.

WRVA, Richmond, Va. (256.3m-1170kc), 7 p. m., Golden Gate syncopators; 8:15, vocal and piano recital; 8:45, chimes; 9, Double male quartet; 10, Golden Gate syncopators.

WSWS, Chicago, Ill. (275.8m-1090kc), 8-9 p. m., Henri Therrien, Hugh Aspinwall, readings; Georgia Gray, violinist; Terrace Garden orchestra, Matthews sisters, harmony; Carol Schaus, pianist; 10-11, Hugh Aspinwall, Georgia Gray, Sid Pierson, popular songs; Terrace Garden orchestra; Ruth Boutay, blues; Zola Haynes, pianist; 12-1, Witching hour.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:30 p. m., Emerson Gill and his Bamboo Garden orchestra; 8, Frank R. Wilson's Euclid beach park orchestra; 9, Whittall's Anglo-Persians from WEAF; 9:30, studio program; 11, Jack Horwitz Collegian serenaders from Far East restaurant.

WTIC, Hartford, Conn. (475.9m-630kc), 7 p. m., Laura C. Gaudet, pianist; 7:15, Fiddle and Bee; 7:30, Norm Cloutier's orchestra; 9, Valconian orchestra; 9:30, WTIC's Mail bag; 9:45, Debutantes.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, Detroit News orchestra; 9, WEAF.

KFAB, Lincoln, Neb. (340.7m-880kc), 8:30-10:30 p. m., Out-of-town program.

Central Standard Time Stations

KFNF, Shenandoah, Ia. (461.3m-650kc), 7:30 p. m., Widney Sisters.

KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., mixed musical program.

Saturday, August 21

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9:30	8:30	7:30	6:30	5:30
PWX (399.8m-750kc), Cuban concert.				
WMC (499.7m-600kc), Memphis Plectrum orches-tra.				
10:30	9:30	8:30	7:30	6:30
WFAA (475.9m-630kc), Mozart choral club.				
11:30	10:30	9:30	8:30	7:30
WBAP (475.9m-630kc), Hired Hand's Little Sym-phony.				
1:45	12:45	11:45	10:45	9:45
WDAF (365.6m-820kc), Nighthawk frolic.				

Saturday, silent night for: CNRA, CNRC, CNRE, CNRM, CNRR, CNRT, CNRV, CNRW, KFKX, KFOU, KFKF, KMA, KTAB, KWVG, WBAL, WCAU, WCAU, WCBD, WCX, WEBJ, WEEL, WFI, WGBF, WGPC, WGHF, WHA, WHAD, WHN, WHO, WJAR, WLIT, WLWL, WOO, WOS, WRVA, WTAG, WTIC, WWJ.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 9 p. m., CFCA's summer concert.



The Chicago Concert company frequently visits the studio of WHAD, Milwaukee. They are shown here entertaining. To the right is Ethel Waring Backsu, a soprano well known and liked at WMC.

KOIL, Council Bluffs, Iowa. (305.9m-980kc), 7:30 p. m., Dorothy Steinbaug's program; 8:30, Jack and Jill.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:30 p. m., Lon Chassy, violinist; 9:30-9:45, Mrs. Charles Caldwell, contralto; 9:45-10:15, Ray Mullins orchestra.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Velma Dean, blues singer; Allene Hoffman, pianist; 9:40-11, Artie Collins dance orchestra.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., Great Northern Railway band; 8, WEAF; 8:30, Cumberland Boys' band; 10:05, Nankin Cafe orchestra; Beatrice DeVold, contralto; Hertel Sand-ven, saxophonist.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Star's string trio; 6-7, Harry Frank, organist; 8:30, WEAF; 8:30-9:30, varied program; 11:45-1 a. m., Brunswick recording orchestra; Ted Meyn, organist; Earl Coleman's orchestra.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Haulaule School of Hawaiian Music; 8:30-9:30, C. C. Roessler, zitherist.

WGBF, Evansville, Ind. (236m-1270kc), 7 p. m., A. L. Maxwell Company featuring "Lincoln Ford orchestra"; 8:15, musical program.

WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., organ recital.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Liberty Insurance bank.

WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbrick and his Younker tea-room orchestra; 8-9, G. Anderson, violinist; Dessa Wolf, pianist; Amelia Renke, soprano.

WMMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Hotel Gayoso orchestra; 11, Harry O. Nichols, organist.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., San Antonio College of Music program.

WOAW, Omaha, Neb. (526m-570kc), 6 p. m., music review, Hester Bronner Cooper; 6:50, orchestra; 9, Red Feather company.

WOC, Davenport, Ia. (483.6m-620kc), 8-8:30 p. m., WEAF; 8:30-9:30, Fifth band concert.

WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., Missouri roads, O. I. Steele; 8:05, address, B. H. Pieper; 8:20, Big Four string band.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, studio program; 10, Mrs. M. H. Goldschein, soprano; 10:30, F. Arthur Henkel, organist.

WSOE, Milwaukee, Wis. (245.8m-1220kc), 9 p. m., Candygram review.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, open-air concert, Denver municipal band.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7 p. m., Luis Mercier, bass; 7:30, Felipe Delgado's media hora Espanola; 8-9, Aeolian organ; 9-10, Varied program; 10-11, Packard ballad hour.

KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program, Bert Farrar, Inc.; 8-9, program, John Wright, The Right Tailor; 9-10, Bill Hatch and his orchestra; 10-11, Warner Brothers frolic.

KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Ben's Little Symphony orchestra.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., children's hour with Uncle John; 8-10, De Luxe program, Karl Brandenburg, tenor; L. A. Ry, Hawaiian quintet.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., program, Loftus Land company; 8-9, program, Frank Meline company; 9-10, Order of Optimistic Donuts; 10-11, program, Dickenson and Gillespie Donuts; 11-12, Ambassador hotel dance orchestra.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 9-10, Palace Hotel Rose Room dance orchestra; 9:10-9:20, book review, Harry A. Small; 10-11, States Restaurant orchestra.

CNRO, Ottawa, Can. (434.5m-680kc), 8 p. m., Chateau Laurier concert orchestra; 9, Chateau Laurier dance orchestra.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 mid-night, Elmer Grosse and his orchestra; Ben Bernie's orchestra; Kelle's Palais D'Or orchestra.

WGBS, New York, N. Y. (315.6m-950kc), 6 p. m., Uncle Geebee; 7:45, George Hall and his Royal Arcadians; 10:30, Arrowhead Inn dance orchestra.

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'Eliseu; 8:15, recital, Marine Studio; 8:30, Hotel Shelburne orchestra; 9:30, Emmet Welch's min-istrals; 10:15, George Olson's orchestra; 10:45, Ted Weems' novelty dance orchestra; 11:15, Wheeler Wadsworth dance orchestra.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Waldorf Astoria roof orchestra; 8:25, Stadium Phil-harmonic concert, WRC, WGY; 10:30, Hotel Astor roof orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 7-7:15 p. m., Hotel Onondaga orchestra, WGY; 7:30-8:30, Shea's Buffalo theater.

WYCA, New York, N. Y. (340.7m-880kc), 7 p. m., Tappan's orchestra; 7:30, Monte Carlo-by-the-Sea orchestra; 11, Ernie Golden and his Hotel McAlpin orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey, sports; 7, Jacques Jacobs' Hotel Shelton group; 8:20, Chateau Baltusrol orchestra; 8, Hotel Bretteon Hall string quartet; 8:30, Arthur Pryor's band; 9:15, Casino orchestra; 9:45, Berke-ley-Carteret concert orchestra; 10:15, special fea-ture; 10:30, Monterey society orchestra; 11:15, Ben Bernie's Berkeley-Carteret orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8 p. m., Laughlin Steel Works glee club.

PWX, Havana, Cuba (399.8m-750kc), 8:30-11 p. m., Cuban concert.

KYW, Chicago, Ill. (535.4m-560kc), 6 p. m., Chicago Evening American; 7, musicale; 8, Commonwealth Edison company program; 9:30-11, Congress car-nival.

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., Eddie Hanson, organist; 8-9:30, Harmony time and staff artists; 9:30-10, Moss covered melodies; 10-11:30, Variety hour, staff artists; 11:30-12:30, Sup-per club; 12:30-2 a. m., Pacific Coast Special.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Capitol theater orchestra; 8, Philip Buntlon, bar-itone; Dorothy Higgins, pianist; 8:30, Hotel West-minster orchestra; 9, musicale.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:35-7, Drake concert ensemble, Blackstone string quintet; 7, Million sing; 7:05, Old Fashioned Almanack; 7:15, Paul Ash; 8-9, music; 9, WEAF; 9:30, Phantom Violin; 10, Sam 'n' Henry; 10:10, Music Box; 10:22, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m., Hotel Onondaga orchestra; 6:30, Shea's Buffalo hour; 7:25, New York Philharmonic symphony con-cert; 9:30, Syracuse hotel.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Eleanor Gilmour, soprano; 8:45-10:15 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-11, (399.8m-750kc), Pat Barnes, Al Carney; John Norton, harmonica solo-ist; Al and Pat.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-1 a. m., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; Avery McIntyre, pianist; Elmer Winthrop, bar-itone; Anita Carol, violinist; Chez Pierre Hawaiian quartet.

WJR, Detroit, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:30, La-goona Gondoliers; 8, Detroit symphony orchestra; 11:30, Merry Old Chief, Jewett Radio Jesters.

WKRC, Cincinnati, Ohio (223.3m-710kc), 10 p. m., Swiss Grand frolic; 11, Sam Jones Columbia Rec-ord artist; 11:15, Ace Brigode's Virginians.

WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Million sing; 7:05-7:15, old-fashioned Almanack; 7:15, din-ner music; 7:30-8, Drake concert ensemble; Pattison Coates, baritone; 11-11:20, Correll and Gosden; 11:20, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; 1, National burnt dance.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Jo-hann Grosse, organist; 8, Sekatory Hawkins Radio club; 8:30, Lawson McClain-Hawaiian quartet; 9, Castle Farmers.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Jack Chapman's orchestra; 8:15, Daw and Pratt; 9, Chicago theater weekly Radio review.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Elizabeth Barker Van Campen hour of music; 10:05, Bob and Hazel McOsker, Freddie Gleason, Thelma Dykman, Louis Cunningham, Dodo and Mom, Van Wyck's instrumental quartet; orchestra.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Joe Rudolph's Rainbo Gardens orchestra; St. Ita's Church choir; 10-3 a. m., Rainbo Gardens orchestra, Harry Geise, Mildred and Hazel Lamb, Gail Band-dell, Joe Warner, Rosemary Hughes, Rita McFawn.

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Speed-wagon serenaders, Gold Standard ensemble; 10-12, Speed-wagon serenaders, popular review.

WSAL, Cincinnati, Ohio (325.9m-920kc), 8 p. m., chimes; 8:15, news; 8:30, Bicycle playing card sextet; 9:30, Lelia Le Mar.

WSWS, Chicago, Ill. (275.8m-1090kc), 8-9 p. m., Henri Therrien, tenor; Zola Haynes, pianist; Georgia Gray, violinist; Terrace Garden orchestra; Walter Dykman, bass; 10-11, Georgia Gray, vio-linist; Ned Becker, humorist; Clarence Clausen, tenor; Terrace Garden Orchestra; Zola Haynes, pianist; 12-1, Witching hour.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:15 p. m., Hotel Cleveland orchestra; 7:30, studio program; 8, Hollenden Hotel orchestra; 9, vaudeville program from studio; Ev Jones' Nervymakers and assisting entertainers.

WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., Colt Park municipal dance orchestra.

WWJ, Detroit, Mich. (352.7m-850kc), 7:30 p. m., Goldman band concert.

Central Standard Time Stations

KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., mixed program; 11, old time music.

KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., Ye Old Tyme gang.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-10:45 p. m., Mever Davis orchestra; 9:45-10, Lawson Reid, organist.

WBAP, Fort Worth, Tex. (475.9m-630kc), 8-8:30 p. m., Mr. and Mrs. C. C. Wagoner; 9:30-11, Hired Hand's Little symphony.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., Wesley Barlow's Nicolet hotel orches-tra; Didrikka Stub, soprano; 8:15, Teier and John-son, entertainers; Sidney Williams, pianist; 9, Ken-neth Runkel, Pianist; Schaetgen string trio; Helen Anderson, soprano; 10:05, Wallie Erickson's Coli-seum orchestra; Jean Eathing, entertainer; Agnes Iverson, Frances Ackerman, whistlers.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Charlie Strain's recording orchestra; 8-10, around the town; 11:45-1, Charlie Strain's Recording or-chestra; Earl Coleman's orchestra; popular song-sters.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joy's Baker hotel orchestra; 8:30-9:30, Mozart choral club; 11-12, Jack Gardner's Adolphus hotel orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., studio concert, H. D. Conrad.

WMC, Memphis, Tenn. (499.7m-600kc), Memphis Plectrum orchestra.

WOAW, Omaha, Neb. (526m-570kc), 6:50 p. m., or-chestra; 7, Chamber of Commerce; 7:30, educational period; 9, classical; 10, organ jubilee.

WOC, Davenport, Ia. (483.6m-620kc), 9-10 p. m., Sixth hand concert.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, barn dance.

WSOE, Milwaukee, Wis. (245.8m-1220kc), 7:30 p. m., dinner concert, Elks club studio; 8:30, Sunday school lesson; 9:30, dance program.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Billy Cox and his orchestra, Paul Roberts, soloist; 8-9, Angelus quartet; 9-10, classic hour; 10-11, Packard Radio club; 11-2 a. m., KFI midnight frolic.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., Studio program; 9-11, Warner Brothers frolic.

KGO, Oakland, Calif. (361.2m-830kc), 8:10-9 p. m., Salon Five; 9-9:30, Philharmonic society; 9:30-10, Helen Hart, Lloyd Cathart; 10-11, Wilt Gunzen-berger, Hotel Whitcomb band.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children, 8-10, De Luxe program of vocal and instrumental numbers.

KNX, Hollywood, Calif. (336.9m-890kc), 7:30-8 p. m., Program, Dearden's Furniture company; 8-9, pro-gram, Luna Park; 9-10, Rondith corporation special program; 10-11, Ambassador hotel dance or-chestra; 11-2 a. m., Hollywood nite frolic from the Edgewater club.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7:20 p. m., States Restaurant orchestra; 8-10, Cabrira Cafe orchestra; Maurice Gunsky, tenor; 10-12, Cliff hotel dance orchestra.

Sunday, August 22

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
7:30	6:30	5:30	4:30	3:30
WLIBA (340.7m-880kc), Monte Carlo by-the-Sea orchestra.				
9:15	8:15	7:15	6:15	5:15
WEAF (491.5m-610kc), WEEL (348.6m-860kc), WSAI (325.9m-920kc), WGR (319m-940kc), WWJ (352.7m-850kc), WGN (302.8m-990kc), WCCO (416.4m-720kc), KSD (545.1m-550kc), Allen McQuahae.				
9:45	8:45	7:45	6:45	5:45
WEEL (348.6m-860kc), Keith's Radio review.				
1	12	11	10	9
WFAA (475.9m-630kc), Amphion male quartet.				

For stations silent tonight refer to first Sunday's list.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 11 a. m., Tim-othy Eaton Memorial church; 7 p. m., St. Simou's church; 9:30, musicale.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Hotel Pennsylvania orchestra; 7:30, Cathy Te'a Garden orchestra.

WEAF, New York, N. Y. (491.5m-610kc), 3-4 p. m., International church service; 4-4:30, sacred music; 4:30-5:30, Federation mixed quartet; 5:30-6, mu-sicale; 6-7, Capitol theater; 9:15-10:15, Allen Mc-Quahae and orchestra.

WEEL, Boston, Mass. (348.6m-860kc), 9:15 p. m., Atwater Kent Radio hour; 9:45, Keith's Radio review.

WIP, Philadelphia, Pa. (508.2m-590kc), 10:30 a. m., services, Holy Trinity church; 8:15, concert Steel Pier; 10:30, recital, Atlantic City high school.

WJZ, New York, N. Y. (454.3m-660kc), 6:30 p. m., Turner male quartet; 7:05, Park Ave. Baptist Church Carillon, WGY; 8, music; 8:15, Hotel Am

Sunday, August 22

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 10 a. m., Second Presbyterian church; 3:30 p. m., studio concert; 8:30-10, classical concert.
WBAL, Baltimore, Md. (245.8m-1220kc), 7:30-8:30 p. m., WBAL concert orchestra.
WBBM, Chicago, Ill. (225.4m-1330kc), 12:30-2 p. m., Sacred classical concert, Eddie Hanson at the Barton organ, staff artists; 4-6, musical matinee, Lee Sins; Charlie Lenzen, tenor; 8-10, Melody hour, staff artists; 12, The Nutty club.
WGHP, Detroit, Mich. (270m-1110kc), 11 a. m., Grosse Pointe Memorial church.
WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, musicale; 7-7:20, Million sing; 7:20-7:30, Old Fashioned Almanack; 7:30-8, musicale; 8-8:15, Drake concert ensemble, Blackstone string quintet; 8:15, Atwater Kent musicale; 8:45, musicale; 9-10, Our Music Room; 10, feature program; 10:10, WGN studio ensemble.
WGY, Schenectady, N. Y. (379.5m-790kc), 6:05 p. m., Carillon; 6:20, WJZ.
WHT, Chicago, Ill. (399.8m-750kc), 3 p. m., Paul Rader.
WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Sunday evening concert; 10-12, Popular program.
WJAZ, Chicago, Ill. (329.5m-910kc), 7-9 p. m., Club Chez Pierre Gurvin trio, Jack Baus, violinist, Ann Slack, cellist.
WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m., classical program; 11-15, Swiss Garden frolic; 12, Marie Turner, blues singer; 12:15, Ace Brigade's Virginians.
WLIB, Chicago, Ill. (302.8m-990kc), 5 p. m., Liberty studio ensemble; 5:45, Edward Benedict.
WLS, Chicago, Ill. (344.6m-870kc), 10:45 a. m., U. of Chicago church service; 12:30, Elsie Mae Look, organist; 7, WLS Little Brown church.
WLW, Cincinnati, Ohio (422.3m-710kc), 9:30 a. m., Sunday school; 11, service; 3 p. m., Cincinnati Park Board concert; 7:30, J. Walter DeVaux, organist; 8:30, Crosley Salon orchestra.
WORD, Chicago, Ill. (275m-1090kc), 11 a. m., Morning I. B. S. A. service; 2 p. m., Bible lecture; 9:30, musical program and address; 10:45, Bible lecture.
WQJ, Chicago, Ill. (447.5m-670kc), 8-10 p. m., Rainbo Gardens orchestra; Helen Ginsberg, soprano; Phyllis Finegold, violin and Audrey Perlstein, piano.
WSWS, Chicago, Ill. (275.8m-1090kc), 7-9:30 p. m., Evening song service, Rev. Philpott.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden Hotel orchestra; 7, Park Theater orchestra; 8, Twilight musicale.
WWJ, Detroit, Mich. (352.7m-850kc), 2 p. m., Detroit News orchestra; 6:20, WEAJ; 8:15, WEAJ.

Central Standard Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 7 p. m., Young United.
KFDM, Beaumont, Tex. (315.6m-950kc), 11-12 n., First Presbyterian church; 8-10 p. m., services.
KFNF, Shenandoah, Ia. (461.3m-650kc), 10:45 a. m., First M. E. church; 2:30 p. m., Seed house song service; 3, Christian church orchestra; 6:30, Golden Rule circle; 8, Christian church services.
KMA, Shenandoah, Ia. (461.3m-650kc), 4-5 p. m., sacred program; 5, talk, Rev. L. A. Lippitt.
KOIL, Council Bluffs, Ia. (305.9m-980kc), 7:30 p. m., Charlestownians.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11 a. m., Central Methodist church; 9:10-10 p. m., classic hour, Meyer Davis orchestra.
KWCR, Cedar Rapids, Ia. (278m-1080kc), 11 a. m., Services, St. Paul's Methodist Episcopal church; 5 p. m., vesper services; 9:20, Sunshine Mission.
WBAF, Fort Worth, Tex. (475.9m-630kc), 11 a. m., First Methodist church; 9:30-11, Sorin-White Top O'Texas orchestra.
WFAA, Dallas, Tex. (475.9m-630kc), 6-7 p. m., Radio Bible class; 8-9, First Church of Christ Scientist; 9-9:30, Willard B. Muse, tenor; Ruth Muse, contralto; 11-12, Ligon Smith's orchestra.
WHO, Des Moines, Ia. (526m-570kc), 5-6 p. m., Bankers Life Little symphony orchestra; 7:30-8:30, Fort Des Moines hotel orchestra.
WOAI, San Antonio, Tex. (394.5m-760kc), 11 a. m., First Presbyterian church; 7:45 p. m., Central Christian church.
WOAW, Omaha, Nebr. (526m-570kc), 2:30 p. m., classical; 9, chapel service.
WSOE, Milwaukee, Wis. (245.8m-1220kc), 10 a. m., church service; 3:30, Bible hour; 8, services.
WSUI, Iowa City, Ia. (483.6m-620kc), 9 p. m., familiar hymns.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 11 a. m., Montview Presbyterian church; 5:30 p. m., Mrs. Blanche Townsend Chase organist; 8, open-air concert, Denver municipal band.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-842kc), 7-8 p. m., Jim, Jack and Jean trio; 8:9, Aeolian organ; 9-10, Bob Botter's Venetians; 10-11, Packard Six dance orchestra.
KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m., Sunday night movie frolic, Radio and screen stars.
KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m., service, First M. E. church; 8-10, Orpheus Four male quartet in request numbers, and others.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Carthy Circle theater organ and orchestra; 8-9, Service, First Presbyterian church of Hollywood; 9-10:30, program, Beverly Hills Nurseries.

Monday, August 23

Headliners Today

Table with 5 columns: Atlantic, Eastern, Central, Mountain, Pacific. Lists radio stations and their headliners for Monday, August 23.

For stations silent tonight refer to first Monday's list.

Atlantic or Eastern Daylight Saving Time Stations

CKNC, Toronto, Can. (356.9m-840kc), 9 p. m., Eveready Salon orchestra; Edgar Smith, bass; Daisy LaRush McAdam, soprano.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg recital; 8, Carolyn Thomas, soprano; 8:30, The Two Rascals; 8:45, The Merry Minstrels; 9:30, Tony and Joe, Italian comedians; 9:45, Chalfont Sisters, harmony songs; 10, recital; 10:45, concert.
WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Palais D'Or orchestra; Meyer Davis' Park Lane orchestra; "Ballo in Maschera," WEAF Grand opera company, Rolfe's Palais D'Or orchestra.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison dinner concert; 7:55, John B. Kennedy; 9, Maxwell House Coffee ensemble; 10:30, Harold Leonard's Waldorf Astoria roof orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 8:15 p. m., Arcadia cafe concert orchestra; 9, Stanley Hour of Music; 10, Arcadia cafe dance orchestra; 10:30, Fay's vaudeville features; 10:45, El Patio dance orchestra.
WMAK, Buffalo, N. Y. (265.3m-1130kc), 6:15-7:15 p. m., Philco Battery serenaders; 7:30-8:15, Buffalo Athletic club; 8:15-9, WGY.
WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m., Ernie Golden and his Hotel McAlpin orchestra;

7:30, Monte Carlo by-the-Sea orchestra; 9:15, Hardman Hour of Music; 10:30, Hotel Shelburne orchestra; 11, Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12 m., McAlpin entertainers.

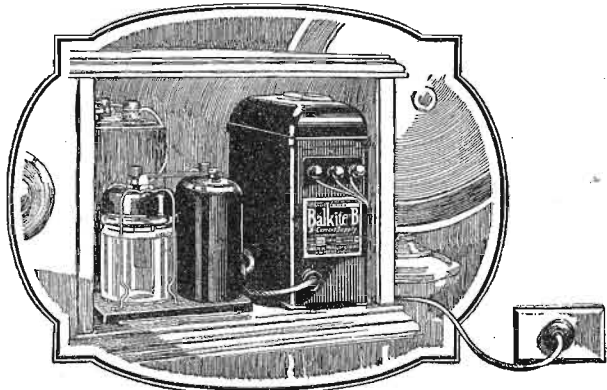
WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections; 6:20, piano selections; 7:35, songs; 8, piano recital; 8:25, violin recital; 9, songs; 9:30, instrumental program; 10, songs.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey, sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, Brooklyn Daily Eagle program; 8, Newark Philharmonic band; 9, Klein's Serenading Shoemakers; 10, Monterey society orchestra; 10:30, Monterey concert quintet; 11:15, Ben Bernie's Berkeley-Carteret orchestra.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania orchestra; 8, organ recital; Mary E. Vogt; 8:30, Sesqui Centennial concert; 10:30, Sam Brown's dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 7:30-8, mixed quartet; 8-9, WBAL trio; 9-10, WBAL dance orchestra.
WBBM, Chicago, Ill. (225.4m-1330kc), 6-7 p. m., instrumental program featuring Lester D. Mather.
WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Caroline Lee; Max Hartley, pianist.
WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 8:30-9, studio program; 9-10, WGHP ensemble and soloists.
WGY, Schenectady, N. Y. (379.5m-790kc), 5:30 p. m., Hotel Van Curler orchestra.
WKRC, Cincinnati, Ohio (422.3m-710kc), 6:15 p. m., Alvin Roehr and his Hotel Alms orchestra; 8, Eugene Schmitt, baritone; 8:15, dance program; 8:45, Eugene Perazzo, pianist; 9, American Legion; 12, popular program.



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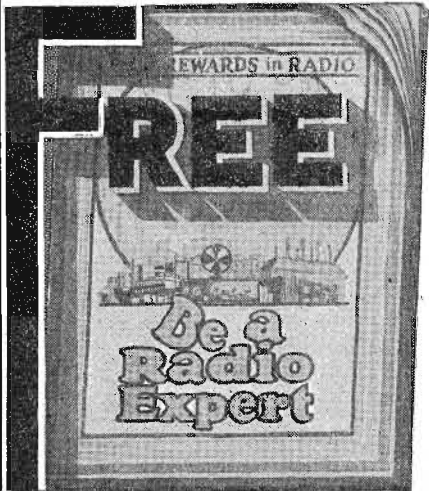
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Monday, August 23

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Hotel Gibson Oriental room orchestra; 8, Pat Patrick and his orchestra; 9, Calumet Baking Powder and Rainbo Garden hour; George Conyer, tenor.

Central Standard Time Stations
CKY, Winnipeg, Can. (384.4m-780kc), 10 p. m., Reliable and Maximize Battery hour of music; 11, Capitol theater revue.

Mountain Standard Time Stations
CNRC, Calgary, Can. (435.8m-688kc), 9:30 p. m., National Railways' Little Symphony orchestra.

Tuesday, August 24

Headliners Today

Table with 5 columns: Atlantic, Eastern, Central, Mountain, Pacific. Lists radio stations and their broadcast times.

For stations silent tonight refer to first Tuesday's list.

Atlantic or Eastern Daylight Saving Time Stations

CNRA, Moncton, Can. (322.4m-930kc), 9 p. m., Mrs. H. M. Wheeler, pianist; Mrs. William Cook, soprano; Flora Brown, reader; Vincent Melanson, tenor; Mrs. Fred Knight, mezzo-soprano; 11, orchestra.

Eastern Standard or Central Daylight Saving Time Stations

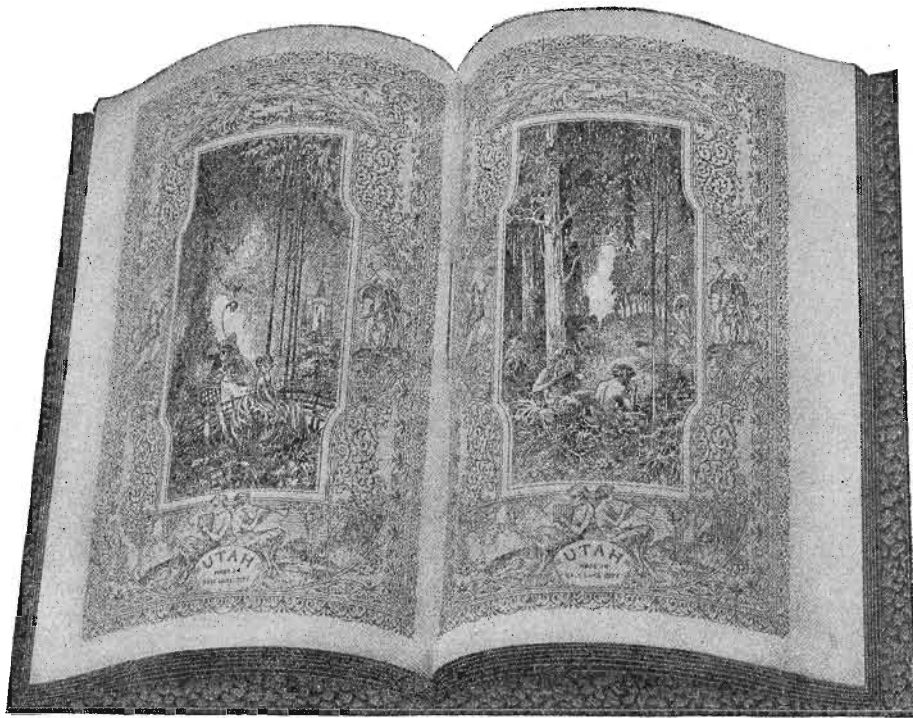
KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., dinner concert, Congress hotel; 6, music hour; 7, American

farm bureau federation; 8-9:30, classical concert; 9:30-11, Congress Carnival, Art Linick, Eddie and Fannie Cavanaugh.

WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Million sing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 7:30, Gold Dust Twins; 11, Correll and Gosden; 11:20, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

Central Standard Time Stations
KFAB, Lincoln, Nebr. (340.7m-880kc), 10 p. m., University of Nebraska.

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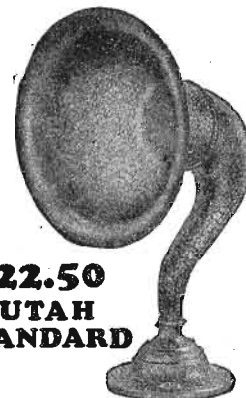
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Thursday, August 26

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 6 p. m., music hour, Chicago Evening American studio; 7, Twenty Minutes of Good Reading, Rev. C. J. Fernin; 7:30-8, music; 9:30, classical; 9:30-11, Congress carnival.
WBAL, Baltimore, Md. (245.5m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 7:30-8, WBAL mixed quartet; 8-9, WBAL trio; 9-10, dance orchestra.
WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., recital, Eddie Hanson, organist; 8-9:30, Classical program; 9:30-10:15, moss covered melodies; 10:15-10:30, The Frank Walton hour; 10:30-11:30, Vic Fredericks, baritone, Maurice Silverman, tenor and staff artists; 11:30-12, The Supper club.
WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Fuller; 10-11, WGHP frolicers; 11-12, Skylark dance band and soloists.
WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble; Blackstone string quintet; 8-9, WEAF; 10, Sam 'n' Henry; 10:10, Music Box; 10:20, WGN studio ensemble.
WGY, Schenectady, N. Y. (379.5m-790kc), 6:45 p. m., Margaret Waterman, pianist; 7:30, WRC; 8:30, WJZ; 9:30, music; 10:30, Stephen E. Botscharoff, organist.
WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; 8:45 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-11 (399.8m-750kc), Al Carney, organist; Billy Alan Huff, popular songs; Little Joe Warner, character songs; Al and Pat.
WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert; 10-12, midnight jamboree.
WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; Henrietta Nolan, violinist; John Bennett Ham, baritone; Jacob Hammemann, pianist.
WKRC, Cincinnati, Ohio (422.3m-710kc), 8 p. m., Swiss Garden frolic; 8:30, popular songs, Merrell Schwarz, Bert Lindsay, Kern Aylward, Ahe Farb; 9, Ace Brigade and his fourteen Virginians.
WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Million-sing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 11-11:20, Correll and Gosden; 11:20-1, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.
WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, Ralph Emerson, organist; 8:10, College Inn orchestra; 8:30, Donald F. Malin, 8:50, vocal music.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Hotel Gibson orchestra; 10, Castle Farmers; 10:15, Al Kirschner, Pep Golden; 10:40, Irene Downing, Tommy Reynolds; 12:15, Crosley Sky Terriers.
WMAQ, Chicago, Ill. (447.5m-670kc), 6:30 p. m., Jack Chapman's orchestra; 6:45, swimming lesson; 8, Jack Chapman's orchestra; 8:30, Maren Johansen, soprano; 9, Marion and Stella Roberts; 9:30, Jack Chapman's orchestra; 9:45, Burpan Homes.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Chester Newman, baritone, Lorena Anderson, soprano; Elbert Wheeler, operatic tenor; 10-2 a. m., Rainbo Gardens orchestra; Sylvian four; Harry Geise, song, and piano; Little Marie Wright, soprano; Goldie Gordon, violinist; Bessie Sachs, accompanist.
WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Speed-wagon serenaders, Gold Standard ensemble; 8:15-9:45, WREO Concert orchestra and vocal solos.
WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., chimes; 9, Highland Park orchestra; 10, "Belle of Barcelona," Opera company.
WSWS, Chicago, Ill. (275.8m-1090kc), 7 p. m., Henri Therrien, Oscar Heather, tenor; Terrace Garden orchestra, Leola Aikman, Georgia Gray, Zola Haynes, pianist; 10 p. m., John Clark production, The Beach at Waikiki; 11, Terrace Garden orchestra, Kenneth Clark, Hawaiian quartet, Hallelujah Boys, Billy Schaefer, Ruby Winter, Ruby Rossina, Hugh Aspinwall, 12-1, Witching hour.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden Hotel orchestra; 7:30, New York studio orchestra; 8, Cluquot Club Eskimos from WEAF; 9, studio program; 11, Emerson Gill and his Bamboo Garden orchestra.
WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., Jones-Jackson duo; 8, For-an-to Melody Makers; Manchester male quartet; 9, Colt Park Municipal dance orchestra; 9:30, Hotel Bond dance orchestra.
WVJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 9-10 p. m., Jim Hayer and his orchestra.
KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., mixed program.
KLDS, Independence, Mo. (440.9m-680kc), 8 p. m., Josephine Jirak, contralto; Edith Willis, pianist; Alfred Boyington, violinist; Alvah Boyington, accompanist.
KOIL, Council Bluffs, Iowa (305.9m-980kc), 6 p. m., Jamieson Oil duo; 7, program, G. H. Nelson Paint company; 8, Marjorie Beckett Burns.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:45 p. m., classical concert; 9:45-10, Lawson Reid, organist.
WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Trinity Park.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joy's Baker hotel orchestra; 8:30-9:30, Wednesday Morning choral club recital.
WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., dinner hour program; 8:30, classical studio program; 10:30, dance orchestra.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Bobby Hulet's Blue Devils.
WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Younker tea-room orchestra; 8-9, Bankers' Life trio; Stewart Watson, baritone.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Cooper's Hawaiians.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, classical.
WSOE, Milwaukee, Wis. (245.8m-1220kc), 8 p. m., Bible class; 9, old fashioned music.

Mountain Standard Time Stations

CNRC, Calgary, Can. (435.8m-688kc), 9:30 p. m., Little Symphony orchestra.
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra.

Pacific Standard Time Stations

CNRV, Vancouver, Can. (291m-1030kc), 10-11 p. m., Cabaret Belmont orchestra.
KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Radio Boys' orchestra; Geo. O'Hara, soloist; 8-9,

KFI drama hour; 9-10, Chas. Dimond, steel guitar; 10-11, Patrick-Marsh dance orchestra, Betty Patrick, soloist.
KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., program, McGavin Bros. Bakeries; 9-10, program, Chapman's Ice Creams; 10-11, Warner Brothers' frolic.
KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children; 8-10, Zoelner string quartet; Harriet Andrews, soprano; 10-11, Heffner's Sunnyland Seven dance orchestra.
KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Carthay Circle theater organ; 8-9, program, Rigali and Veselich; 9-10, studio program; 10-11, Edgewater club dance orchestra; 11-12, Ambassador hotel dance orchestra.
KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., musical program arranged by Alhambra Masonic Lodge No. 322.

Friday, August 27

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
5:30	7:30	6:30	5:30	4:30
WFAA (475.9m-630kc)	Blue Devils orchestra	8:45	7:45	6:45
WGJ (379.5m-790kc)	Two-act play, "Gaius and Gaius, Jr."	9	8	7
CNRV (291m-1030kc)	"Three Live Ghosts."	10	9	8
CNRT (356.9m-840kc)	Radio Raiders	11	10	9
WRVA (256m-1170kc)	Stories of England, Ireland, France	12	11	10
KMA (461.3m-650kc)	Essex, Iowa, band	10:30	9:30	8:30
KOA (322.4m-930kc)	Denver's crack forty-piece band	11:30	10:30	9:30
WLS (344.6m-870kc)	Little Symphony of Chicago	12	11	10
WMC (499.7m-600kc)	Frolic, Diana 8 orchestra			

For stations silent tonight refer to first Friday's list.

Atlantic or Eastern Daylight Saving Time Stations

CNRA, Moncton, Can. (322.4m-930kc), 9 p. m., Moncton Firemen's band; 11, orchestra.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30, Snellenburg recital; 8, Barry O'Moore, Irish tenor; 8:30,

Singing Groundhog; 8:45, Miss Bambi, accordionist; 9, Regina Crooners; 9:15, N. Four; 9:45, Willie Pierce, popular songs; Myers' Musical Architects.
WEAF, New York, N. Y. (491.5m-610kc), night, Nora Donar, actress; May Singh, joist; Peter De Rose, pianist; The Vandercook; "La France orchestra; WJ Persians; Jack Albin and his Hotelchestra; Pelham Heath Inn orchestra.
WEBJ, New York, N. Y. (272.6m-1100kc), Blue Bell serenaders; 7:30 p. m., Luna, bocker Grill orchestra; 8:00 p. m., Billy L. pering serenader; 8:15 p. m., Floyd's duo; p. m., Luna's Marine band.
WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Geo. Olsen's Hotel Pennsylvania orchestra; 8, West Point Thayer Hotel program; 9, Sundial Shoe serenaders; Bonnie Laddies; 10, Baldwin hour; 11, Hotel Belleclaire Tower orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Arcadia cafe concert orchestra; 8:15, Pioneer Storage Battery entertainers; 9, Schicklering artists; 10, Morning Glory club concert; 10:30, Rufus and Rastus; 11, Freshman Masterpiece Hour of Music.
WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-8:15 p. m., WGY orchestra; 8:15-10:30, WGY players.
WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo by-the-Sea orchestra; 8, Midland Beach orchestra; 9, Paul Whiteman's Picadilly players; 9:30, Klein's Serenading Shoemakers; 10, Colonial Inn orchestra; 11, Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12 m., McAlpin entertainers.

WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections; 6:20, piano selections; 8, songs; 8:20, instrumental program; 9, piano selections; 9:30, instrumental program.
WOR, Newark, N. J. (405.2m-740kc), 6:20 p. m., Bill Wathey, sports; 6:35, Hotel Bretton hall string quartet; 7:30, Crystal Palace orchestra; 8:30, Donald H. Baker, organ recital; 10:15, Ritz-Carlton dance orchestra.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Ritz-Carlton orchestra; 8, recital; 9, WEAF; 10:30, Sam Brown's dance orchestra.

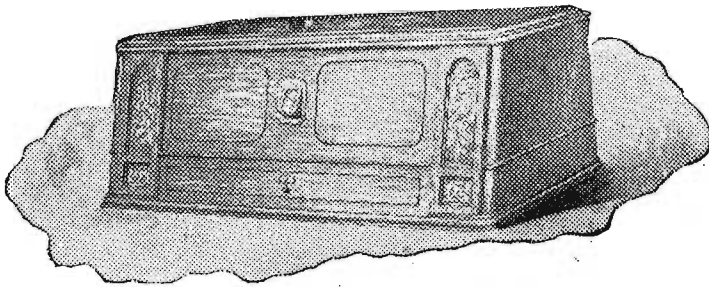
Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., dinner music; 6, Chicago Evening American; 7, Federal Master artists; 9:30-11, Congress carnival.

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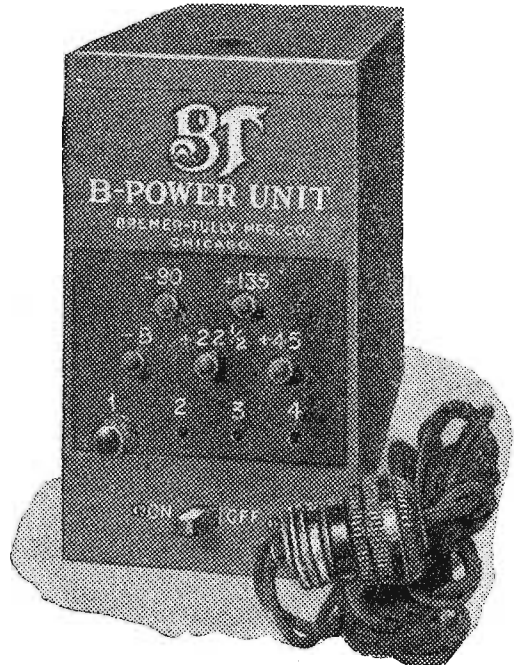
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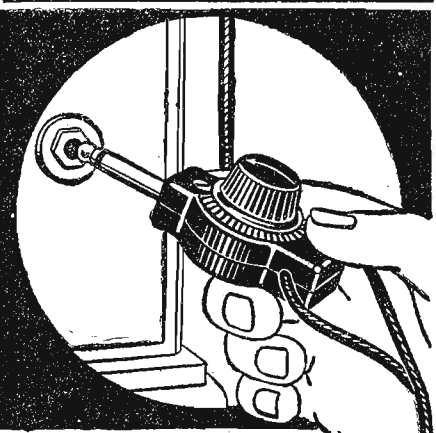
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Friday, August 27
(Cont.)

fact, I believe...
 Baltimore, Md. (245.8m-1220kc), 6:30-7 p. m., bonds yourseinner orchestra; 7:30-8, WBAL Jubilee this letter!"; 8-9, musical program; 9-10, City Park or Baltimore.
 Tellyhew Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., but after a fanson, organist; 9-10, Harmony Time and as he in artists.
 "Wha dB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Frederick Hubbard, organist; Mrs. Ethel sta Morand Weber, soprano; Mrs. Maude Sheridan, contralto; Mrs. F. S. Barrett, violinist.
 WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 10-11, WGHP entertainers; 11-12, Skylark dance band and soloists.
 WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble, Blackstone string quintet; 7, Million sing; 7:05, Old Fashioned Almanack; 7:15, Paul Ash; 8-9, music; 9, WEAF; 9:30, Phantom Violin; 10, Sam n Henry; 10:10, Music Box; 10:22, WGN studio ensemble.
 WGY, Schenectady, N. Y. (379.5m-790kc), 6:35 p. m., WGY; 6:45, Remington typewriter band; 7:45, Gains and Gains Jr., WGY players; 9, WJZ; 10, dance program.
 WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Pat Barnes; 8:45-10:15 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10-11 (399.8m-750kc), Al Carney, organist; Rita McFaul, soprano; Oscar Heather, tenor; Rita McFaul, soprano; Al and Pat.
 WJAZ, Chicago, Ill. (329.5m-810kc), 9-12 mid., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; The Quips that Pass in the Night; Dallas Decker, tenor; Irene Meinke, pianist; Chez Pierre Hawaiian quartet.
 WLIB, Chicago, Ill. (302.8m-990kc), 11 p. m., songs, Correll and Gosden; 11:20-1, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.
 WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, Ralph Emerson, organist; 8:30, College Inn orchestra; 9:30, Little Symphony of Chicago; 10:30, Medicine show; 11, Ralph Emerson, organist.
 WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 8, George Simons, tenor; 8:30, Whitney trio; 9, Emerson Abernethy, baritone; 9:30, Olga Sandor, pianist.
 WOOD, Grand Rapids, Mich. (241.8m-1240kc), Van Wyck's instrumental quartet; 10:10, Ramona Radio revelry.
 WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; R. O. Ball, baritone; Crystal Eaton Taylor, soprano; Henrietta Nolan, violinist; 10-2 a. m., Rainbo Gardens orchestra; Lauretta Giles, soprano; Dr. H. Lucille Long, harmonica; Harry Brooker, baritone; Frank Blasco, the boy tenor.
 WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Gold standard ensemble, Speed wagon serenaders.
 WRVA, Richmond, Va. (256.3m-1170kc), 8:15 p. m., cello and piano recital; 8:45, chimes; 9, songs and stories of England, Ireland, France; 10, Golden Gate syncopators.
 WWSW, Chicago, Ill. (275.8m-1090kc), 8-9 p. m., Terrace Garden orchestra; Henri Thierrien, tenor; Matthews sisters, Carol Schaus, pianist; John Clark, baritone; Georgia Gray, violinist; 10-11, Georgia Gray, Sis Pierson, ballads; Hugh Boutay, blues; Zola Haynes, pianist.
 WTAM, Cleveland, Ohio (389.4m-770kc), 6:30, Emerson Gill and his Bamboo Garden orchestra; 8, Frank R. Wilson's Euclid Beach Park orchestra; 9, Whittall's Anglo-Persians from WEAF; 9:30, studio program; 11, Jack Horwitz Collegian serenaders from Far East restaurant.

WTIC, Hartford, Conn. (475.9m-630kc), 7 p. m., Laura C. Gaudet, pianist; 7:15, Fiddle an Bee; 7:30, Pete Radican's dance orchestra; 9, Harold Doyle, violinist; 9:30, WTIC's mail bag; 9:45, Debutants.
 WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, Detroit News orchestra; 9, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., Cowbell boys, violin and guitar; Beck's orchestra.
 KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., Sunday School lesson; 7:30, program, Late Corbin.
 KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., Essex Ia. band.
 KOIL, Council Bluffs, Iowa (305.9m-980kc), 6 p. m., Oakland-Pontiac orchestra; 8:30, Dreschr Brothers program.
 KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:30 p. m., Ray Mullins orchestra; 9:30-10, New Arlington hotel orchestra.
 KWCR, Cedar Rapids, Ia. (278m-1080kc), 4:15 p. m., musical hour and fashion talk by Denecke stores.
 WAMD, Minneapolis, Minn. (244m-1230kc), 7:15 p. m., Hulda Johnson, contralto; Etta Landry, pianist; Tirzah Ferguson, violinist; 10, Skyrocket folk.
 WBAI, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Panther Hawaiian trio; 9:40-11, Artie Collins' dance orchestra.
 WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Blue Devils orchestra; 8:30-9:30, Frank Renard club.
 WGBF, Evansville, Ind. (236m-1270kc), 7 p. m., A. L. Maxwell, organist; Lincoln and Ford orchestra.
 WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., Wisconsin theater organ recital, Arthur Richter.
 WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., operatic ensemble, Greater Louisville Savings and Building association.
 WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbeck and his Yonkers tea-room orchestra; 8-9, Robert Parker, cellist; Mrs. Robert Evans, soprano; June Bartlett, pianist.
 WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Hotel Gayoso orchestra; 11, Midnight frolic, "Diana 8" orchestra.
 WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., music review; 6:30, orchestra; 9, classical.
 WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., Missouri roads, O. I. Steele; 8:05, "The Science and Art of Farming," Samuel M. Jordan; 8:20, Chic Scoggin, WOS male quartet.
 WSM, Nashville, Tenn. (282.3m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, Mrs. Eva Thompson Jones, contralto; Mrs. Herman Myatt, soprano; Eleanor Grey Horn, pianist; 10, Mrs. Frances Gray Lettlich, soprano; Sam Woolwine, Jr., baritone; 10:30, F. Arthur Henkel, organist.
 WSOE, Milwaukee, Wis. (245.8m-1220kc), 9 p. m., Candygram review.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, open-air concert, Denver municipal band.

Pacific Standard Time Stations

CNRV, Vancouver, Can. (291m-1030kc), 9 p. m., Walton trio, Helen Prestwich, contralto; Mrs. W. E. Green, soprano; Alice Wilma Metz, violinist; 10:30, Cabaret Belmont orchestra.
 KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., program of popular songs by Lou Parker; 8-9, Aeolian organ; 9-10, Golden Hour trio; 10-11, Packard ballad hour.
 KFVB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program, Bert Farrar, Inc.; 8-9, program, John Wright, The Right Tailor; 9-10, studio program; 10-11, Warner Brothers frolic.
 KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the childre; 8-10 p. m., Edison Record Shop ensemble; Grace Currey, harpist.
 KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Lotus Co., program, Frank Meline company; 9-10, Orator of Optima; Donuts; 10-11, program, Dickenson and Gillespie; 11-12, Ambassador hotel dance orchestra.

Saturday, August 28

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8:25	7:25	6:25	5:25	4:25
WJZ (454.3m-660kc), WRC (468.5m-640kc), Stadium Philharmonic concert.	WGY (379.5m-790kc)			
8:30	7:30	6:30	5:30	4:30
WWJ (352.7m-850kc), Goldman Band concert.				
9	8	7	6	5
WLW (422.3m-710kc), Sekatary Hawkins club.				
9:30	8:30	7:30	6:30	5:30
WGN (302.8m-990kc), Correll and Gosden, songs.				
WIP (508.2m-590kc), Million Dollar Pier minstrels.				
10	9	8	7	6
WTAM (389.4m-770kc), Studio vaudeville program.				
11	10	9	8	7
WREO (285.5m-1050kc), Speed-Wagon entertainers.				
12	11	10	9	8
KFAB (340.7m-880kc), Mike Kopac, pianist.				
3	2	1	12	11
KFI (467m-642kc), KFI midnight frolic.				

For stations silent tonight refer to first Saturday's list.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 9 p. m., CFCA's summer orchestra.
 CNRO, Ottawa, Can. (434.5m-690kc), 8 p. m., Chateau Laurier concert orchestra; 9, dance program.
 WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Elmer Grosso and his orchestra; Greenwich Village Inn orchestra; Ben Bernie's Hotel Roosevelt orchestra; Rolfe's Palais D'Or orchestra.
 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, Marine studio; 8:30, Hotel Shelburne orchestra; 9:30, Million Dollar Pier Minstrels; 10:15, George Olson's orchestra; 10:45, Ted Ween's dance orchestra; 11:15, Wheeler Wadsworth orchestra.
 WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Waldori Astoria roof orchestra; 8:25, Stadium Philharmonic concert, WRC, WGY; 10:30, Hotel Astor roof orchestra.
 WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., Tappan's orchestra; 7:30, Monte Carlo by-the-Sea orchestra; 11, Ernie Golden and his Hotel McAlpin orchestra; 12 m., McAlpin entertainers.

Eastern Standard or Central Daylight Saving Time Stations

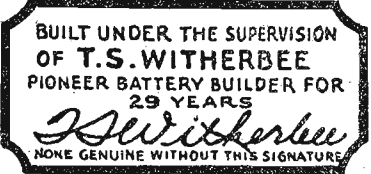
PWX, Havana, Cuba (399.8m-750kc), 8:30-11 p. m., Cuban concert.
 KYW, Chicago, Ill. (535.4m-560kc), 6 p. m., Chicago Evening American; 7, musicale; 8, Commonwealth Edison company program; 9:30-11, Congress carnival.

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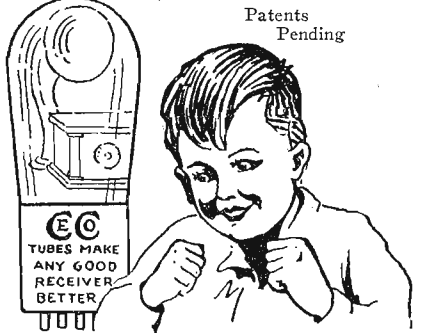


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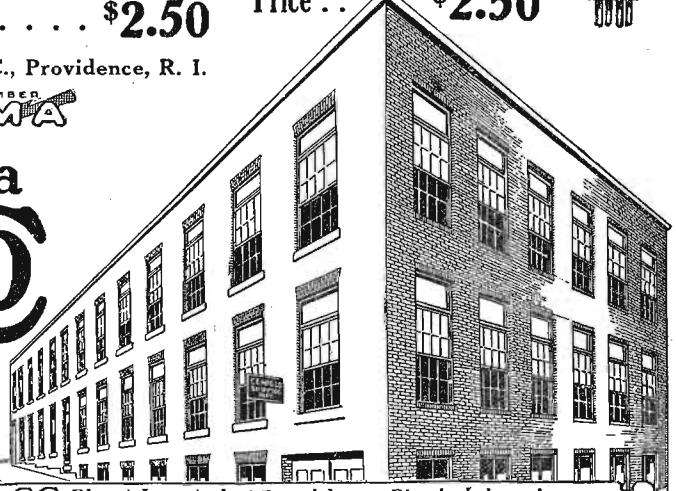
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Saturday, August 28

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m. Eddie Hanson, organist; 8:30, Harmony time and staff artists; 9:30-10, moss-covered melodies; 10:11-30, Variety hour, staff artists; 11:30-12:30, supper club; 12:30-2 a. m., Pacific Coast special.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m. Uncle Walt; 6:35-7, Drake concert ensemble; Blackstone string quintet; 8, Auld Sandy; 8:10, Drake concert ensemble; 8:20, Correll and Gosden; 8:30-9, musicale; 9:30, light opera period; 9:30-10, musicale; 10, features.

WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m. Onondaga hotel orchestra; 6:30, Shea's Buffalo hour; 7:25, WJZ; 9:30, dance program, Syracuse hotel.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m. Al Carney, organist; Eleanor Gilmour, soprano; 8:45-10:15 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-1 (399.8m-750kc), Pat Barnes, Al Carney; John Norton, harmonica soloist; Al and Pat.

WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m. Swiss Garden frolic; 11, Sam Jones, Columbia record artist; 11:15, Ace Brigode's Virginians.

WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m. Million sing; 7:05-7:15, Old-Fashioned Almanack; 7:15, dinner music; 7:30-8, Drake concert ensemble; Pattison Coates, baritone; 11-11:20, Correll and Gosden; 11:20, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m. Al Melgard, organist; 7:15, barn dance.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m. Johanna Grosse, organist; 8, meeting, Seketary Hawks club; 8:30, Apollo club quartet; 9, Castle Farmers.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m. Chicago theater organ; 6:30, Jack Chapman's orchestra; 8:15, Daw and Pratt; 9, Chicago theater weekly Radio revue.

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m. dinner hour of music, Speed-Wagon serenaders, Gold Standard ensemble; 10-12, special program, Speed-Wagon serenaders.

WSAI, Cincinnati, Ohio (325.9m-920kc), 8 p. m. chimes; 8:15, news; 8:30, Bicycle Playing Card sextet; 9:30, Lelia Le Mar.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:15 p. m. Hotel Cleveland orchestra; 7:30, studio program; 8, Hollenden hotel orchestra; 9, vaudeville program from studio, Ev Jones' merrymakers and assisting entertainers.

WWJ, Detroit, Mich. (352.7m-850kc), 7:30 p. m. Goldman band concert.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m. Harmony boys, vocal and piano; Little Symphony orchestra; Mike Kopac, king of the ivories.

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

KMA, Shenandoah, Iowa (461.3m-650kc), 9-11 p. m. Y. Oide Tyme Gang.

KOIL, Council Bluffs, Iowa (305.9m-980kc), 7:30 p. m. Mona Motor Oil entertainers; 11, orchestra.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:40 p. m. Meyer Davis orchestra; 9:40-10, old-fashioned favorites, Lawson Reid.

WBAP, Fort Worth, Texas (475.9m-630kc), 8-8:30 p. m. Vesper trio; 9:30-11, Broward's symphony orchestra.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m. Jimmy Joy's Baker hotel orchestra; 8:30-9:30, Willard B. Muse, tenor; Ruth Muse, contralto; Lola Farrino, pianist; 11-12, Jack Gardner's Adolphus hotel orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m. Louisville Music and Radio company.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m. Walter Moore.

WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m. orchestra; 7:30, Creighton educational period; 9, Omaha Printing company; 10, organ jubilee, Elks' club.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m. Andrew Jackson hotel trio; 8, barn dance.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m. Billy Cox and his orchestra; 8-9, Angelus string quartet; 9-10, program, Associated Packard dealers of California; also broadcast by KPO; 10-11, Packard Radio club; 11-2 a. m., KFI midnight frolic.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m. Bill Hatch and his orchestra, June Parkers, blues singer; 9-11 Warner brothers frolic.

Sunday, August 29

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
4	3	2	1	12
WLW (422.3m-710kc), Municipal hand concert.	5:15	4:15	3:15	2:15
WHAD (275m-1090kc), Milwaukee Park Board band concert.	9:30	8:30	7:30	6:30
KOIL (305.9m-980kc), Charlestonians.	11	10	9	8
KPO (467m-640kc), Jim, Jack and Jean trio.				7

For stations silent tonight refer to first Sunday's list.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 11 a. m. St. Paul's Anglican church; 7 p. m., Timothy Eaton Memorial church; 9:30, musicale.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m. Hotel Pennsylvania concert orchestra; 7:30, Cathay Tea Garden orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 4:15 p. m. community vocal and instrumental trio; 7:15, services, Holy Trinity church; 9:15, concert, Steel Pier, Atlantic city; 10:30, organ and vocal recital from Atlantic City high school.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m. Park Ave. Baptist Church Carillon, WGY; 7:25, Hotel Pennsylvania orchestra, WGY; 8, music; 8:15, Hotel Ambassador trio; 9:30, Godfrey Ludlow.

WMAK, Buffalo, N. Y. (285.3m-1130kc), 7 p. m. Churchill tabernacle.

WMCA, New York, N. Y. (340.7m-880kc), 7 p. m. Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo by-the-Sea orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 3:30 p. m. studio concert; 8:30-10, classical concert.

WBBM, Chicago, Ill. (225.4m-1330kc), 12:30-2 p. m. Sacred classical concert, Eddie Hanson, organist, Staff artists; 4-6, musical matinee, Lee Sims; Charlie Lenzen, tenor; 8-10, melody hour, staff artists; 12, The Nutty club.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m. Uncle Walt; 6:45, musicale; 7-7:20, Million sing; 7:20-7:30, Old Fashioned Almanack; 7:30-8, musicale; 8-8:15, Drake concert ensemble, Blackstone string quintet; 8:15, Atwater Kent musicale; 8:45, musicale; 9-10, Our Music Room; 10, feature program; 10:10, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:05 p. m. carillon; 6:20, WJZ.

WHT, Chicago, Ill. (399.8m-750kc), 3 p. m. Paul Rader.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m. Sunday evening concert; 10-12, popular program.

WJAZ, Chicago, Ill. (329.5m-910kc), 7-9 p. m. Club Chez Pierre Girvin trio.

WKRC, Cincinnati, Ohio. (422.3m-710kc), 10 p. m.

classical program; 11:15, Swiss Garden frolic; 12, Marie Turner; 12:15, Ace Brigode's Virginians.

WLIB, Chicago, Ill. (302.8m-990kc), 5 p. m. Liberty studio ensemble; 5:45, Edward Benedict, organist.

WLS, Chicago, Ill. (344.6m-870kc), 10:45 a. m. U. of Chicago church service; 12:30 p. m., Elsie Mae Look, organist; 7-8:55, WLS Little Brown church.

WLW, Cincinnati, Ohio. (422.3m-710kc), 9:30 a. m. Sunday school; 11, Y. M. C. A. church; 3 p. m., municipal band; 7:30, Herbert Newman, organist; 8:30, Crosley Salon orchestra; Francis Treizger, tenor.

WSAI, Cincinnati, Ohio. (325.9m-920kc), 7:45 p. m. chimes; 8, WEAF.

WSWS, Chicago, Ill. (275.8m-1090kc), 7-9:30 p. m. evening song service, Rev. Philpott.

WTAM, Cleveland, Ohio. (389.4m-770kc), 6 p. m.

Hollenden Hotel orchestra; 7, Park theater orchestra; 8, twilight musicale.

WWJ, Detroit, Mich. (352.7m-850kc), 10 a. Presbyterian church; 2 p. m., Detroit News orchestra; 6:20, WEAF; 8:15, WEAF.

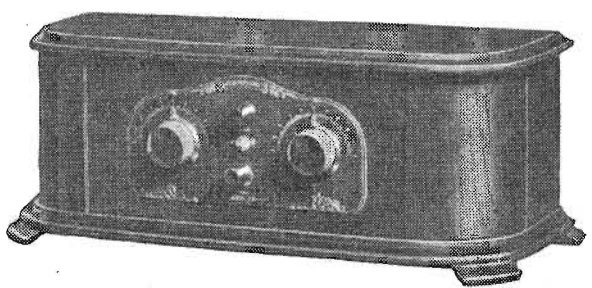
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Central Standard Time Station

KFNF, Shenandoah, Ia. (461.3m-650kc), 10: First M. E. church; 2:30 p. m., Seed ho. service; 3, Swedish Mission church; 6:30, Rule circle; 8, Christian church service.

KLDS, Independence, Mo. (440.9m-680kc), 6:30: vesper service, Betha Burgess, musical diet, sermonet, Ralph W. Farrell; 9:15, Robert Milk organist.

KMA, Shenandoah, Ia. (461.3m-650kc), 4-5 p. m. Harmony Four quartet; 5, Rev. L. A. Lippitt.



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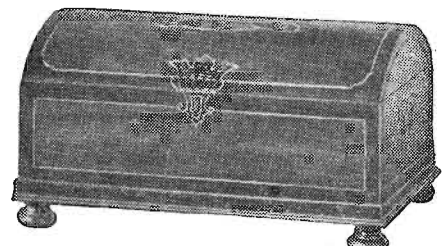
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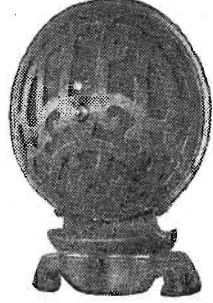
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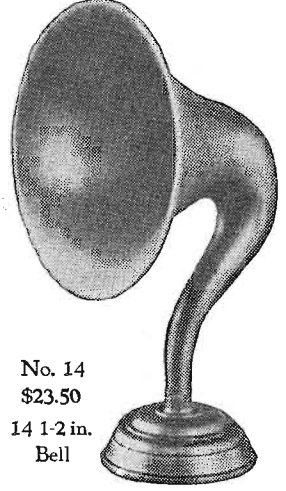


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Velvet Radio Speakers

Sunday, August 29

Council Bluffs, Ia. (305.9m-980kc), 7:30 p. m., stonians; 11 program; 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12 m., McAlpin entertainers. WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, Brooklyn Daily Eagle program; 8, Newark Philharmonic band; 9, Klein's Serenading Shoemakers; 10, Monterey society orchestra; 10:30, Monterey concert quintet; 11:15, Ben Bernie's Berkeley-Carteret orchestra. Eastern Standard or Central Daylight Saving Time Stations WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Virginia Girl; Max Hartlett, pianist. WGHP, Detroit, Mich. (270m-110kc), 6 p. m., dinner concert from Hotel Fuller; 8:30-9, studio program; 9-10, WGHP ensemble and soloists. WKRC, Cincinnati, Ohio (422.3m-710kc), 6:15 p. m., Alvin Roehr and his Hotel Alms orchestra; 8, Eugene Schmitt, baritone; 8:15, dance program; 8:45, Eugene Ferrazzo, pianist; 9, American Legion; 12, nondescript program. WLW, Cincinnati, Ohio (422.3m-700kc), 7 p. m., Robert Visconti's orchestra; 8, Commercial Tribune feature; 9, Calumet Powder, Rainbo Gardens hour. WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Speed-Wagon serenaders, Gold Standard ensemble. WSAI, Cincinnati, Ohio (325.9m-920kc), 9 p. m., operatic concert; 10, Harmony Four orchestra. WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden hotel orchestra; 7, Allen theater orchestra; 8, studio program; 11, Emerson Gill and his Bamboo Garden orchestra. WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7:30, Goldman band concert; 9, Detroit News orchestra.

Monday, August 30

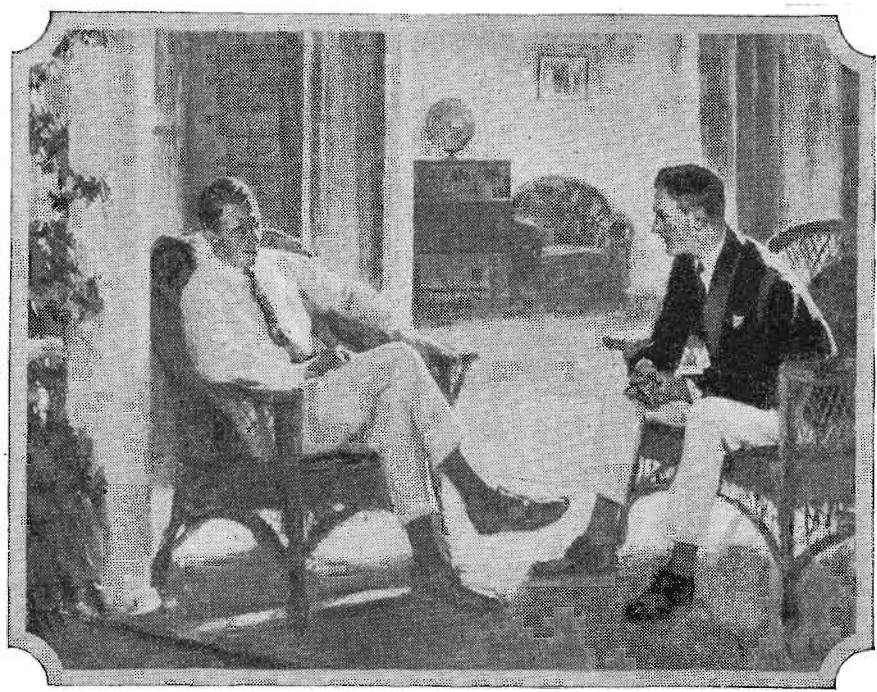
Headliners Today

Atlantic Eastern Central Mountain Pacific 8 7 6 5 4 3 2 1 WOR (405.2m-740kc), Newark Philharmonic band. CNRA (322.4m-930kc), Nova Scotia Provincial exhibition. 9:30 8:30 7:30 6:30 5:30 WGLB (266m-1130kc), Virginia Girl and her Spanish guitar. 9:30 8:30 7:30 6:30 5:30 WBAP (475.9m-630kc), Allene Patterson Duff, contralto. 12 11 10 9 8 CKY (384.4m-780kc), Capitol theater revue.

For stations silent tonight refer to first Monday's list.

Atlantic or Eastern Daylight Saving Time Stations

CKNC, Toronto, Can. (356.9m-840kc), 9 p. m., Eveready Little Symphony orchestra; Capital quartet. WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., N. Snellenburg recital; 8, Carolyn Thomas, soprano; Ella Jaquet Kratz, pianist; 8:30, The Two Rascals; 8:45, The Merry Minstrels; 9:30, Tony and Joe, Italian comedians; 9:45, Chalfont sisters, harmony songs; 10, recital; 10:45, concert. WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison dinner orchestra; 7:55, John B. Kennedy; 9, Maxwell House coffee ensemble; 10:30, Harold Leonard's Waldorf-Astoria roof orchestra. WLIT, Philadelphia, Pa. (394.5m-760kc), 8:15 p. m., Arcadia cafe concert orchestra; 9, Stanley hour of music; 10, Arcadia dance orchestra; 10:30, vaudeville features, Fay's theater; 10:45, Ben Frauklin El Ratio dance orchestra. WMAK, Buffalo, N. Y. (265.3m-1130kc), 6:15 p. m., Philco Battery serenaders; 7:30-8:15, Buffalo athletic club; 8:15-9, WGY. WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo by-the-Sea orchestra; 9:15, Hardman hour of music; 10:30, Hotel Shelburne orchestra; 11,



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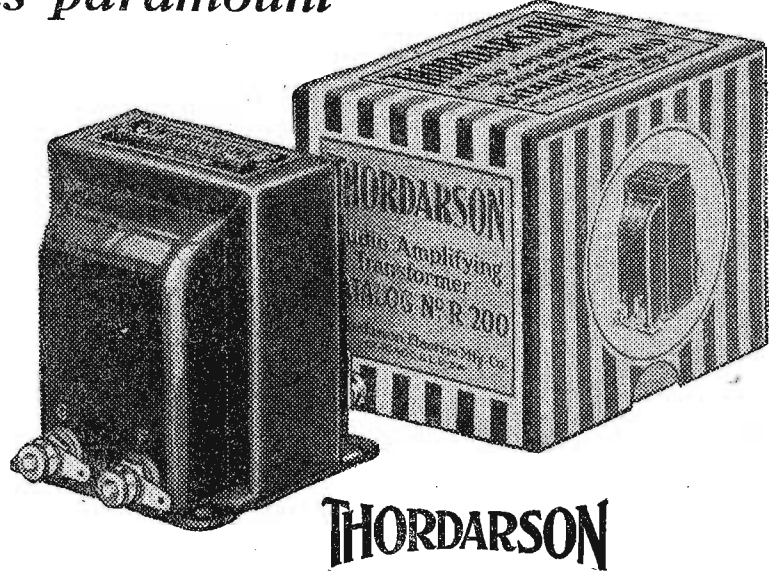
Tuesday night means Eveready Hour—8 P. M., Eastern Standard Time, through the following stations:

- WEAF—New York WJAR—Providence WEEI—Boston WTAC—Worcester WFI—Philadelphia WGR—Buffalo WCAE—Pittsburgh WSAI—Cincinnati WSAT—Cleveland WWJ—Detroit WGN—Chicago WOI—Davenport WCCO—Minneapolis WCCO—St. Paul KSD—St. Louis

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Tuesday, August 31

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
11:30	10:30	9:30	8:30	7:30
WBAP (475.9m-630kc), Wagoner Hawaiian trio.	9	7	6	5
CNRA (322.4m-930kc), Shakespearean evening.	10:30	8:30	7:30	6:30
WOAI (394.5m-760kc), Gebhardt Mexican players.	12:15	11:15	10:15	9:15
WQAW (526m-570kc), Radio movie club.	1	11	10	9
KOIL (305.9m-980kc), Tillie's Bon-Ton serenaders.				

For stations silent tonight refer to first Tuesday's list.

Atlantic or Eastern Daylight Saving Time Stations

CNRA, Moncton, Can. (322.4m-930kc), 9 p. m., Shakespearean evening, Lt. Col. A. E. Barton, Lorne McKendrick, Russell McCharles, W. V. George, Mrs. F. A. Taylor, Ida Bremner Malcolm, Dorinda Gastouguay Affleck; 11, CNRA dance orchestra.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Smellenburg recital; 8, concert; 8:10, The Three Brothers; 8:25, Peter Ricci, baritone; 8:45, Charles Higgins, popular songs; 9, Kuehnle's artists; 10, Billy Hays' Cathy dance orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden orchestra; 8, WEAF; 10:30, Greenwich Village Inn orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8, Steeplechase Pier dance orchestra; 8:30, Steel Pier Minstrels; 9, Chalfonte Haddon dual trio; 10, Emo's weekly movie talk; 10:30, Cummin's Kentuckians dance orchestra; 11, Silver Slipper supper club dance orchestra; 11:30, Seattle Harmony Kings.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Frank Dale; 7:20, Waldorf Astoria roof orchestra; 9, Pennsylvania Railroad hour; 10, Cook's Southern Hemisphere Cruise; 10:45, Geo. Olsen's Hotel Pennsylvania roof orchestra.

WMCA, New York, N. Y. (340.7m-880kc), 6:45 p. m., Jack Windrow, ukelele and songs; 7, Monte Carlo by-the-Sea orchestra; 9, Paul Whiteman's Piccadilly Players; 9:30, Columbia Park entertainers; 10:30, Hotel Shelburne orchestra; 11, Ernie Golden and his Hotel McAlpin orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:45 p. m., Hotel Bretton Hall string quartet; 7:30, Premier Club orchestra; 8:15, Vanderbilt Hotel orchestra; 9, Donald H. Baker, organ recital; 9:45, Jimmy Caruso's Ironic; 10:15, Ritz-Carlton dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 6 p. m., music hour; 7, farm bureau; 8, classical concert; 9:30-11, carnival.

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., recital, Eddie Hanson, organist; 8-9:30, melody hour, staff artists; 9:30-10, Moss, covered melodies; 10-11:30, Varietay hour, Lee Sims, Smith and Ford and staff artists; 11:30-12, Supper club, Howard Osburn's Vanity Fair cafe orchestra.

WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 8:30-9:30, Dodge Brothers concert band; 9:30-10, studio program.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble, Blackstone string quintet; 8-9, Eveready hour; 9-10, Grand opera; 10-10:10, Sam 'n' Henry; 10:10-11, musicale.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., "The Land of the Midnight Sun"; 6:45, agricultural program; 7:30, WJZ; 8, WJZ.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Riverview Melody Masters; 8:45-10:15, (238m-1260kc), organ; orchestra; 10:30-1, (399.8m-750kc), Al Carney, organist; Bel Canto male quartet; Ann Slack, cellist; orchestra.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Club Chez Pierre Earl Hoffman's Chez Pierre orchestra; The Guys that Pass in the Night; William Hayden, tenor; Helen Jackson, pianist.

WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Million sing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 7:30, WEAF; 11, Correll and Gosden; 11:20, Ambrose Larsen, organist; orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 6:45 p. m., College Inn orchestra; 7:20, Prof. E. Frazier, reader; 7:30, Ralph Emerson, organist; 8:10, College Inn orchestra; 8:20, Ford and Glenn.

WLW, Cincinnati, Ohio. (422.3m-710kc), 6 p. m., opening exercises, Twelfth Annual Pure Food show; 9, Formica symphony orchestra.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Ye Olde Tyme Songe Feste; 9:45, Melissa Dvorak, pianist; 10:05, studio program.

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Speed-wagon serenaders, Gold Standard ensemble; 8:15-9:45, band concert, Natural Amphitheater.

WSAI, Cincinnati, Ohio. (325.9m-920kc), 7 p. m., WEAF; 7:30, accordion soloist; Ray Lombardi, baritone; 9, Maids of Melody, Lola Bruce.

WTAM, Cleveland, Ohio. (389.4m-770kc), 6 p. m., State theater vaudeville and music; 7, Salon concert from WEAF; 7:30, Gold Dust Twins from WEAF; 8, Eveready entertainers from WEAF; 9, Moment Musicale from WEAF; 9:30, dance orchestra from WEAF; 10, studio program; 11, Frank R. Wilson's Euclid Beach Park orchestra.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:05-10:30 p. m., University of Nebraska.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10 p. m., Lawson Reid, organist; 9:45-10:30, Meyer Davis orchestra.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Clyde Massengale, baritone; Florence Massengale, pianist; 9:30-11, Wagoner Hawaiian trio.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Louisiana serenaders; 8:30-9:30, Bon Sory Robertson; 11-12, Jimmy Joy's Baker Hotel orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., studio concert, auspices Mrs. Jane Webster Murrell, soprano.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., musical program; 11, Britling's Cafeteria orchestra.

WOAW, Omaha, Nebr. (526m-570kc), 6:20 p. m., popular song period, Lillian Madsen; 6:50, orchestra; 9, George H. Lee company; 10:15, WOAW Radio Movie club.

WSM, Nashville, Tenn. (282.8m-1060kc), 8 p. m., Vincent Kuhn, baritone; Lillian Watt, soprano; Casper Kuhn, violinist.

Mountain Standard Time Stations

CNRR, Regina, Can. (312.3m-960kc), 8 p. m., Mc-Quarrie's concert orchestra; Pragnall trio.

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra.

Pacific Standard Time Stations

KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program Morris and company; 8-10, studio program; 10-11, Warner Brothers Ironic.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., weekly visit of Queen Titania and the Sandman; 8-10, de luxe studio program; 10-11, L. A. Ry. dance orchestra.

KNX, Hollywood, Calif. (336.9m-890kc), 7-7:45 p. m., program, John A. Vaughn corp.; 7:45, health talk; 8-9, Builders' Finance ass'n program; 9-10, Western Auto Supply Co. program; 10-11, Edgewater club dance orchestra; 11-1 a. m., Ambassador Hotel dance orchestra.

"PRETENSE"

(Continued from page 14)

of the time he devoted himself to the women patrons with appalling success. Tall, slender, lithe, handsome in the dark, Latin way, his appeal was undeniable. He was like a bare flame, a fatal beacon for thoughtless moths. Had he possessed a soul it would have been scarred by innumerable affairs tragic for others. Boris mentally referred to him always as "The Snake."

Masillof looked up now, to find Ricardo gazing straight at him, a devilish, mocking light in his black eyes, his sensuous mouth twisted into a grimace that was more a sneer than a smile.

"Several of your friends are disappointed at your being monopolized tonight," said the dancer suavely. "Especially Jack," he added significantly.

Prince Boris flushed in spite of his effort at self-control. His eyes sparkled angrily. Damn the fellow! How had he found out? Through Jack, of course. But to sit there and mock him before the only person he cared about knowing everything! Masillof's fists clenched until he winced at the pain of the nails biting into his palms. To be ridiculed by such swine! He longed to smash Ricardo's smirking face.

"I shall do as I please!" snapped Prince Boris. The girl was trying to appear disinterested but she looked askance at the remark. Ricardo smiled as though pleased about something.

WITH a sudden crash the orchestra began a popular number. Evelyn accepted his quick invitation to dance and they whirled away. Masillof gulped the last of his drink and set the glass down with an angry click. He had aged ten years in as many minutes. His face was as impassive as a mask but a network of wrinkles were etched about his eyes. His mind was in a turmoil. He found himself unable to think clearly, to

decide what to do. But he must thing. His soul cried out for; couldn't stand this pretense. "You sure look glum tonight," feminine voice at his elbow.

He glanced up into the impish, face of Frascita, the dancer. One of the headliners at the Club Royale, it was business to be alluringly Latin and otic. Her clothes were a riot of clashing color; her hair raven black; her complexion a rich warm olive. She played her part to the complete satisfaction of all but a few. Prince Boris was one of the doubters. He possessed only a working knowledge of Spanish, yet her accent was not as good as his own. And she spoke English too well—especially slang. Without make-up her complexion was anything but a rich warm olive. And her eyes were blue. He had his suspicions that she was Irish. She impressed him as the type whose relatives would be bartenders, washerwomen and prize-fighters. But he knew that the general public could not conceive of an alluring Irish dancer, so she was Spanish with the romantic name of Frascita. That infernal pretense again! How he hated it!

She dropped into the vacant chair beside him with cool assurance and lighted a cigarette with practiced dexterity, inhaling the smoke easily with evident relish. Then she surveyed him deliberately, her eyes half-closing to guard against the up-curling smoke. Finally she gave him a half contemptuous smile.

"You look like the last rose of summer." "I'm tired," he admitted without looking at her, his slender fingers toying with the silver.

"Tired of what?" He stared at her suddenly, anxiously. "Just tired, that's all," he snapped.

EVELYN and Ricardo returned, the girl smiling and prettily flushed, the man calm and debonair as usual, not even a single hair disturbed in the glossy black sheath that topped his well-shaped head. That hair always irritated Masillof. Long sideburns dripped from either side and it descended so far in the back that, with the shaved neck, it made one think of a wig.

Ricardo ordered drinks. He and Frascita sipped theirs slowly. Boris drained his glass in a gulp. Evelyn frowned and left hers untouched. She objected to alcohol in large quantities. Masillof realized that he shouldn't have taken that last drink. He had had enough already. But

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Karas Electric Company,
1040 Association Bldg., Chicago

Enclosed is 10c for which please send me booklet on the Equamatic System explaining what it accomplishes and how it does it.

Name

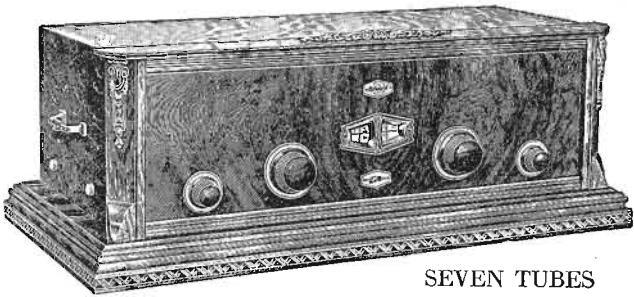
Address

KARAS ELECTRIC CO.
Factory: N. Rockwell St.
Offices: 1040 Association Bldg.
CHICAGO



New!

COMPLETELY SHIELDED



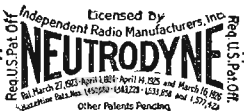
A Neutrodyne Radio Receiver new in principle—new in design—entirely loop operated and completely shielded.

The neighboring super broadcast is eliminated at will and the far away program is brought in with giant volume as desired—and with marvelous quality. Worth investigating.

Write us for further details

Howard Radio Company
CHICAGO, U. S. A.

Exclusive Distributor for New Jersey:
NORTH WARD RADIO CO.
367 Plane St., Newark, N. J.



begged for a bracer. His head whirling round in the most hion. He trembled with ex- and anger. He was furious at at himself, at everybody. But ally at Frascita. The dancer was ung herself whole-heartedly to him e could see growing disapproval in n's face.

e conversation turned to love. All present had interesting experiences to relate and ideas to advance.

"Prince Boris is my idea of a perfect lover," said Frascita with an arch glance at Masillof.

Evelyn stared. Her eyes held a dan- gerous light.

"Is that just an opinion or—" she de- manded with deadly calm, then paused, unable to finish. But the sudden flush in her cheeks indicated her feeling.

Frascita shrugged and smiled provok- ingly at Masillof in a way to give the in- ference that her remark was prompted by much more than mere opinion.

"Thanks for the compliment," retorted Boris with a mechanical smile. "But it is entirely unjustified."

He glanced meaningly at Evelyn. She tossed her head and looked away. Under the polished, unperturbed exterior, he was aflame with rage. Frascita seemed to be deliberately hinting that he had been intimate with her. He had never been more than civil. And no one knew it any better than she did. What could be her purpose?

Ricardo extended his cigarette case to Evelyn.

"Won't you have one of my special blend?" he invited.

Boris looked up quickly, his face crying an awful warning. He knew the dancer's system—develop future customers by giving them three or four of his "special" blend. Then when the person's shocked nerves craved the so-called "special blend" Ricardo sold the cigarettes for five dol- lars each. Another victim in the clutches of a soul-shattering habit.

BUT the girl disregarded his inarticu- late warning, accepting one of the little white rolls. Masillof fumed inwardly. He knew why she had done that. Defiance was visible in her eyes. She was piqued at him and Frascita. He wanted to strangle the woman dancer. But she was so smoothly persistent. She seemed to be in love with him. Or was she in love with the beautiful jewels which he sometimes exhibited to his friends? More likely the latter. It was immediately evident that Ricardo

called his blend "special" with justifica- tion. The odor of the cigarette was peculiar. Even the color of its smoke seemed different. And the effect on Eve- lyn was striking. She paled. The pupils of her eyes dilated. Her smile became wide and set; her breathing quick and shallow. Her voice rose and grew shrill. She laughed hysterically without cause.

Boris raged inwardly. He was afraid, too—for Evelyn. She would be sucked under by this mad vortex of heedless night life if she hadn't the power or the desire to resist it. The rocks were so perilously close and so appallingly easy to reach. And Ricardo! Boris choked with wrath as he thought of the dancer.

The night's revelry had passed the peak of hilarity and was rapidly descending into sodden stupidity when Evelyn an- nounced her intention of going home. Prince Boris rose with calm assurance. But like the sudden releasing of a coil of steel wire Ricardo leaped to his feet, one slim, crooked-fingered hand resting on the girl's arm, gently but unmistakably pos- sessive. The sight of those smooth brown fingers against the bare white flesh fired Masillof's soul like a match held to gun- powder. His heart raced. The blood pounded in his temples. For the first time

in years emotion mastered him. His arm shot forward and knocked Ricardo's hand away. He noted with delight the blood that rushed into the dancer's swarthy cheeks, giving the face a swollen, threat- ening look, and hoped the fellow would offer opportunity for further hostilities.

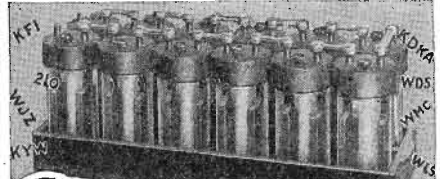
But Ricardo's methods were less direct. His flexible upper lip slowly lifted in a cynical snarl, baring his teeth as does a cornered animal before its superior. His eyes remained cold and deadly, riveted to Masillof's face, and the fires of the devil smoldered in their inky depths. But his hand returned to the girl's arm.

"I am taking Miss Brent home," he announced.

"Of course you are, Ricardo," assented Evelyn with a scornful glance at Frascita. "Let's go."

Ricardo with his deadly cigarette and the ominous presence of hired gunmen bring out the man beneath the mask of the prince in Masillof—and you'll be interested to see what happens to Evelyn in the final chapter of this fascinating story of "Pre- tense," in Radio Digest, September 1.

FOR CLEAR, QUIET "B" POWER

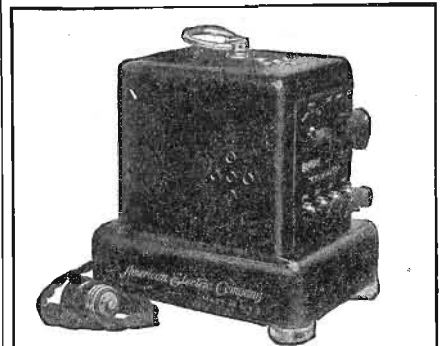


RADIO Storage "B" Battery

12 Cells 24 Volts Lasts Indefinitely—Pays for Itself Economy and performance unheard of before. Recharged at a negli- gible cost. Delivers unfading power that is clear, pure and quiet. Approved and listed as Standard by leading Radio Authorities, includ- ing Pop. Radio Laboratories, Pop. Sci. Inst. Standards, Radio News Lab., Letex, Inc., and other important institutions. Equipped with Solid Rubber Case, an insurance against acid and leakage. Extra heavy glass jars. Heavy rugged plates. Order yours today! SEND NO MONEY wanted and we will ship day order is received. Extra offer: 4 batteries in series (96 volts) \$10.50. Pay expressman after examining batteries. 5 per cent discount for cash with order. Mail your order now!

WORLD BATTERY COMPANY
1219 So. Wabash Ave., Dept. 76 Chicago, Ill.
Makers of the Famous World Radio "A" Storage Battery
Prices: 6-volt, 100 Amp. \$11.55; 120 Amp. \$13.25; 140 Amp. \$14.00.
All equipped with Solid Rubber Case.

World STORAGE BATTERIES
Set your Radio Dials at 210 meters for the new 1000 watt World Storage Battery Station, WSBC, Chicago. Watch for announcements.
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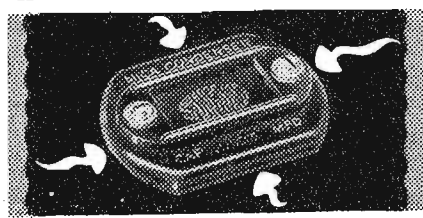


BURNS B-POWER

The Eliminator you have been waiting for. Delivers always the same correct plate voltage. Operates from house lighting current—No hum, no acids. Small neat case. Complete with Raytheon tube. \$45.00

For full data write Dept. 63
American Electric Company
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THESE EDGES



won't admit moisture


THE leaky spot in ordi- nary mica condensers is the exposed edge. That is where moisture slyly creeps in—atmospheric moisture, salt air, steam from radia- tors, and acid fumes that corrode, create resistance and cause a condenser to change its capacity.

SANGAMO Mica Condensers

have no exposed edges. The delicate parts inside are pro- tected by an armor as hard and impermeable as marble.

Use them anywhere— and anyhow—expose them to acid fumes, boil them, freeze them, drop them on the floor, solder wires to the terminals—and you will still have accurate con- densers.

They cost little—and make a world of difference in tone, accuracy and range. Recommended by every nationally known radio lab- oratory and by professional set builders.

Try **SANGAMO BY-PASS CONDENSERS** they won't break down 

Sangamo Electric Company
6332-4 Springfield, Illinois

RADIO DIVISION, 50 Church Street, New York

SALES OFFICES—PRINCIPAL CITIES
For Canada
Sangamo Electric Co. of Canada, Ltd., Toronto
For Europe
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Ashida Engineering Co., Osaka, Japan

Now!

PRICE

Complete with Raytheon Tube

\$37⁵⁰

KINGSTON



B BATTERY ELIMINATOR

DO AWAY with troublesome, expensive, bulky batteries, with acid, with stained carpets, with a dead radio just when you want it most. Install the KINGSTON B Battery Eliminator, and forget your battery troubles forever.

The Kingston Eliminator is compact, trim, handsomely finished in black and nickel, and guaranteed not only to remove the battery nuisance, but to deliver clearer tone and increased volume. A trial will convince you.

With the Kingston three different voltages are obtainable at the same time, each tap adjustable over a wide range making any desired voltage from 5 to 150 possible and harmonizing perfectly with your own set. The Raytheon tube is used as a rec- tifier. The Eliminator operates without noise or vibration and will not heat, contains no acid or solution, is no trouble to operate and the operation cost is so low as to be negligible. It will not get out of order.

At Your Dealer's

KOKOMO ELECTRIC CO. KOKOMO, IND.

Kingston

Oh boy
KESTER
Rosin Core
Radio SOLDER
Sure is Safe and Simple
APPROVED BY RADIO ENGINEERS
MANUFACTURED BY CHICAGO SOLDER COMPANY
4229 Wrightwood Ave., Chicago, U. S. A.
Originators and World's Largest Man- ufacturers of Self Fluxing Solder
YOUR DEALER CAN SUPPLY YOU

"THE FALL GUY"

(Continued from page 10)

office opened and several men came out. Dick recognized three of them as traction directors. They were talking in low tones as they passed out into the corridor.

"MR. TELLYHEW will see you now," said Kane. "Thank you," responded Dick politely as he entered the lion's den.

Tellyhew was pacing up and down the room. Dick stood for a moment unnoticed. Then, as Tellyhew saw him, he stopped short.

"Good morning, Standish," he said, rather grimly. "Sit down."

"After you," responded Dick with a slight nod.

"No; you sit. I can talk better when I walk. I want to tell you our side of this matter, and then you will be at liberty to take such action as you see fit." Dick slipped easily into a chair and waited. Tellyhew continued:

"We were surprised at receiving your communication. We believe the city of Valley View is taking an unreasonable attitude with reference to this Rosehurst matter, but—well, we'll let that pass. Most people seem to think that a corporation has no heart—that it is operated on cold-blooded business lines that spread out like the tentacles of some gigantic octopus, seeking to crush everything within its grasp.

"Well, I'll have you understand, Standish, the Suburban Traction company has a heart and a big one. We admit that the Rosehurst people have a just complaint." He stopped in front of Dick. "You can go back and tell your mayor and city commissioners that we will start work on the Rosehurst line at once."

Dick sprang to his feet. "Do you mean that, Mr. Tellyhew?"

"Every word of it."

"Then I want to say that you're my kind of a man. Will you take my hand?"

"Take it?" cried Tellyhew, with more enthusiasm than Dick had ever seen him display before. "I should say I will." And he did. "And now that the traction business is out of the way, let me tell you that Alice took all the wind out of my sails with her manipulation of those bonds. I had to tell Stevens the whole thing and get him to agree to hush it up."

DON'T GUESS; MEASURE VOLTAGE

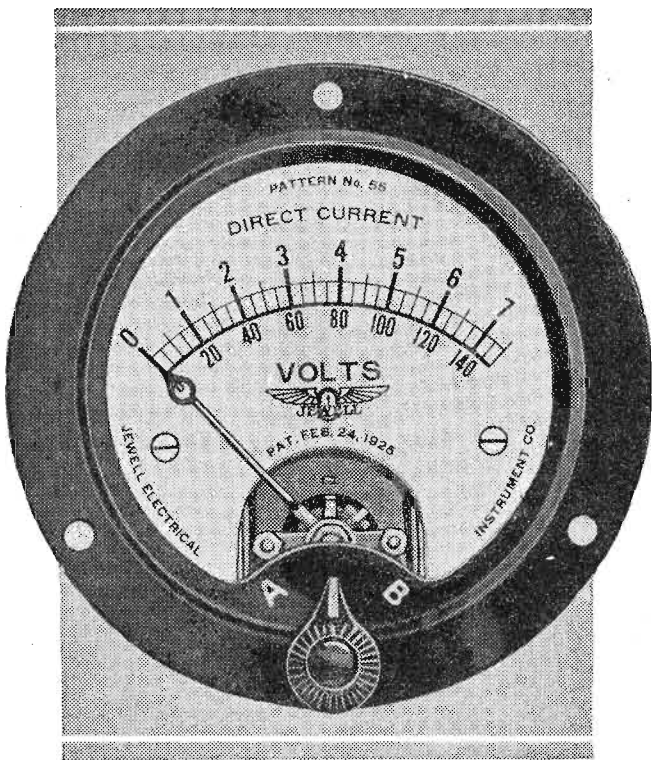


Figure 5

WATCH THE VOLTMETER

(Continued from page 11)

time acts as a control for the "Off" and "On" control of the receiver.

Figure 5 is the front view of a combination voltmeter capable of taking readings for both A and B batteries, which is finding much favor owing to its simplicity of operation. In this device a small knob

He laid both hands on Dick's shoulders and looked him squarely in the eyes. "We tried to make you the fall guy, young man, but you came through! Alice is a great girl; please be good to her for my sake." "Good to her," Dick replied: "I'll be the best husband she's ever had!" THE END.

SYD
LIFE LONG
"B" BATTERY

UNCONDITIONAL 2-YEAR GUARANTEE
Taken from Laboratory News Notes which appeared in The Chicago Daily News—"The Syd Storage "B" Battery submitted to The Chicago Daily News Radio Laboratory for a test was found satisfactory."

100 VOLTS With a Complete Charger. **\$15.50**
145 VOLTS With a Complete Charger. **\$21.50**

Manufactured and Sold by
SYD STORAGE "B" BATTERY CO.
Dept. S, 1452 1/2 South Wabash Ave.
Opposite Coliseum Calumet 4911
Open till 8 P. M. Sunday Till 2 P. M.
Mail Orders Filled

"B" BATTERY ELIMINATOR

Only **\$7.95**

MONEY-BACK GUARANTEE
Stop being a slave to the "B" Battery nuisance! Throw the old-fashioned cells in the ash can! Hook up a new Roll-O "B" Battery Eliminator in 30 seconds and forget battery troubles forever. This wonderful device means better reception. Sharper tuning. Ends that annoying hum. More real pleasure from your set.

Completely Equipped—No "Extras" to Buy
Operates perfectly on direct or alternating current. Simple directions enclosed—anyone can plug it in to any kind of set. Constant voltage gives set more power without danger of burning out tubes.

Costs no more than set of good "B" batteries. Solidly built in beautifully finished metal case.

SEND YOUR ORDER NOW!
Don't blame your set because run down "B" Batteries won't let it work right. Order your Eliminator NOW. Write name and address on a piece of paper, pin a dollar bill to it, and mail it TODAY. Pay postman balance (\$6.95 plus a few cents postage) when he delivers your Eliminator. Use it five days. If not more than satisfied, return it and get your money back.

THE ROLL-O RADIO CO.
Dept. 1 Third & Sycamore Sts., Cincinnati, Ohio

Televocal QUALITY TUBES

Dependable and a Technical Triumph

A RADIO TUBE that is non-microphonic—won't short. Sold in matched units; tested, balanced and plainly marked detector, radio frequency or audio frequency.

Ask your dealer for this new and better radio tube that costs no more. If he can't supply you with Televocals, send us his name and address on attached coupon.

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AERIELIMINATOR
Eliminates Outside Aerial

New principle does away with the troublesome outside antenna. Better, clearer reception, especially for summertime. Reduces static and outside noises. Improves reception of any tube or crystal set. If you don't find it improves your set wonderfully, get refund at once.

\$1 Postpaid 10-Day Free Trial
Anywhere Money-Back Guarantee

No More Outside Aerial, Once You Install It

No more corrosion from the weather. Free from nearness of neighboring aeriels and breakdowns that stop reception. No tools needed, no extra ground or tube—takes the place of your present aerial. Nothing to get out of order. No need now to delay owning a radio, because of aerial trouble. Operate set in any room wired for lights. Attach and turn on—uses no current. Guaranteed not to use any amount of electricity. Two big banks say we are reliable. Order today on money-back guarantee, if not delighted. Dollar bill will do. **ORDER TODAY.** Ask for radio literature.

STEINITE LABORATORIES
Desk 261 Atchison, Kansas

Order Yours Today

Attaches to light socket—uses no current. Make comparison now with your present aerial at my risk.

FRED W. STEIN

with pointer is an internal voltmeter. In taking readings, A battery or B battery secured through meter pointer through its adjustment of the type of voltage. It is imperative with that minus B and minus together in the receiver wiring. Figure 7 is a rear view of together with the essential wiring.

Figures 6, 8 and 9 indicate wiring diagrams of voltmeter connections for three and four stud instruments, without jacks. The four stud instrument being identical with that of the three stud with the exception that the four stud instrument incorporates a separate resistance for the high readings.

Guess-work is always penalized by guess results, one cannot tell whether "cherry red" represents 5 volts or three. Taking the guess-work out of filament temperatures, and the voltage of B batteries is well worth the small expenditure. Standard voltmeters will do this for you and are entitled to a place of prominence in every Radio receiver.

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28th YEAR FOUNDED 1899

LEARN ELECTRICITY
In the Great Shops of **COYNE**

In 12 WEEKS

Earn \$60 to \$200 a Week

Get in the field that offers you the BIG PAY—BE AN ELECTRICAL EXPERT. Coyne is not a Correspondence School. Everything is practical. No books or useless theory. You do actual work on our huge outfit of electrical apparatus—everything from dynamos to power plants—everything to make you a \$60 to \$200 a week EXPERT. A Coyne trained man can take his place anywhere in the electrical world. Learn in Chicago, the Electrical Center of the World.

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Right now I am including a free course in Radio. Also a complete course in Auto, Truck and Tractor Electricity and Storage Batteries and I'll pay your railroad fare to Chicago.

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Don't delay a minute—send that coupon right now for my big free catalog and full particulars of special offer. No obligation on your part at all. Act Now!

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Dear H. C.: Please send me free your big new catalog and full particulars of your Free Railroad Fare Offer and two free courses.

Name.....
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State.....

W MOUNTAINS

enterprise. He is a hand is considered one of the amateurs in the laboratory in his palatial Hills. He has applied his engineering skill to the work of station personnel in making 100-watt 100 per cent efficient. members of the staff are M. G. Mick, assistant announcer; Byron C. program director; Wm. K. Aughenbaugh, chief operator, and Lester Davis, assistant operator. Theodore Arter, Jr., is vice-chairman of the board of directors.

A full schedule is maintained. Monday is the only silent day. There are thirty-two programs each week. Special studios are maintained in all the principal public buildings and hotels in Altoona. There are also special broadcasting facilities in the First Methodist, First Baptist, St. Luke's, Christ Reformed and St. Mary's German Catholic churches.

WEAO, OHIO STATE "U"

(Continued from page 5)

the departments. He opens the principal evening program of each week with chimes music, played at Orton hall, and then hurries over to the studio to tell a story to the children. Thousands of Ohio boys and girls know him as "Uncle Al."

Robert Coleman joined the staff as studio announcer after having had considerable experience as musical director and organizer at one of the student centers near the Ohio State campus.

Radio was an important medium for the development of Robert E. Derringer, whose clear tenor voice is heard on the Fort Hayes hotel hour every Thursday

CLASSIFIED ADVERTISEMENTS

HOW about that new set you want to buy? What are you going to do with the old one? A Radio Digest classified advertisement will sell it for you.

Rates are twenty cents a word for each insertion. Five per cent discount for four insertions, 10 per cent discount for six insertions, 15 per cent discount for twelve insertions, 20 per cent discount for twenty-four insertions (each issue for 1 year). Name and address are counted. Two initials count one word. Cash must accompany order. Minimum of ten words. Objectionable and misleading advertisements not accepted.

Copy reaching us not later than August 25 will be in time for our September 15 issue.

DOGS

Beautiful registered bull pups, \$15. Bull-dogs, 501 Rockwood, Dallas, Texas.

FOR SALE

Motor-Generator Set: Sherman; 500-volt generator driven by 1/4 H. P. 110-volt, 60-cycle A. C. Motor. Both units coupled with flexible universal and mounted on cast iron base. Make offer. Radio Digest Laboratory, 510 No. Dearborn St., Chicago.

MISCELLANEOUS

Photos of Your Favorite Radio Stars. Ten cents and coupon appearing on another page of this issue will entitle you to one of the photos from Radio Digest gallery of stars. Radio Digest, 510 North Dearborn Street, Chicago.

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PATENT ATTORNEYS

PATENTS. Booklet free. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, 644 G Street, Washington, D. C.

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600-MILE RADIO, \$2.95. Needs no tubes nor batteries. Over 200,000 already sold. A real set, not a toy. Sent postpaid. Order direct from this ad. Crystal Radio Co., Wichita, Kansas.

Radio Builders—We manufacture Radio Cabinets any amount, one cabinet to your season's supply, let us figure with you. Peshtigo Building Supply Company, Peshtigo, Wisconsin.

Closing out all of my Radio stock. 200-ohm potentiometer with silver knob and dial, 10 cents; Howard rheostats 6 1/2, 6 3/4, or 25-ohm, 75 cents; Filkostats, 50 cents; set eight lettered binding posts, 25 cents; variable condensers with dial and vernier, 13-plate, \$1; 23-plate, \$1.50; 4-inch black dials, 3-50 cents; 3-inch, 3-35 cents. Bronsteins Pharmacy, 4600 Lincoln Ave., Chicago.

SALESMEN WANTED

A PAYING POSITION OPEN to representative of character. Take orders shoe-hosiery direct to wearer. Good income. Permanent. Write now. Tanners Shoe Mfg. Co., 8-707 C St., Boston, Mass.

night from WEAO. This hour is the oldest of the regular programs of the station, and Derringer probably is the most popular singer of the many individuals heard frequently. Among women singers, Dorothy Stevens Humphrey, who is known alike to Central Ohio and the Chicago district, where she appeared in concerts extensively and sang from WIBO, probably is first choice.

Mrs. Ann Charles has had the assignment of carrying out WEAO's policies for more than two years. She plans her programs, lectures, plays, etc., well ahead, listing in the fall the schedule of educational material for the whole winter. During the past season the variety of subjects covered would have given a liberal education to anyone following them, and the indications are that hundreds or thousands in Ohio do so.

The list included eye conservation talks, Radio, household economics, dairy and livestock talks, sports discussions, golf talks by one of the leading golfers of the country; psychology in business, child training and education; elementary points of law, market trends, sanitation and health matters, practical science and chemistry, veterinary medicine, gardening and landscape, architecture, art, journalism, finance, income taxes, physical training, electrical engineering—in fact, lectures and talks representing almost every department of every college on the campus. In addition the station has sent out addresses on special subjects by many noted educators, scientists and visiting celebrities.

RADIO FILLS CHURCHES

(Continued from page 3)

addition to it, or a substitute where actual attendance is impossible.

A large number of the stations not owned or operated by religious bodies have the Sunday service in charge of

various local churches in rotation, a plan which seems satisfactory to all of them. Well-known hymns are the most popular parts of the program and many letters are received asking for this or that particular old favorite. Prayers are avoided by some ministers as not being suitable for this purpose. Most of them try to keep away from specific doctrines and to avoid anything that might be offensive to a listener of another faith.

Collections Are Growing

In fact, it is the fostering of this spirit of broadmindedness and tolerance that several writers gave as being the great contribution of Radio to religion. Stations giving violent and radical religious expression are most apt to be tuned out, while the service run on the strictly humanitarian and undenominational lines, like the Little Brown Church of WLS, offends no one, whatever his belief.

The size of Radio church audiences cannot be computed. Most of the stations in the survey admit frankly they do not know, while some make qualified estimates of 1,000 up to 200,000, but no satis-

BATTERIES \$7.98
6 V. 100 Amp. One piece, solid rubber cases.
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1214 S. Peoria St. Chicago, Ill.

Build Better Sets
KELBRAKFIS
KELLERADIO INC.
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FREE TUNING CHART

Shows wave set is tuned to. Tells where to set dials for any station. Identifies programs received.

Send 2c stamp for sample copy.
RADEX, P. O. Box 143-S, Cleveland, O.

World's Finest Loud Speaker

A three-foot cone speaker—unit developed by the inventor of the Tropadyne. Easily assembled, saving 80% of the cost. Complete Kit with blue prints sold on rigid money-back guarantee. Shipped prepaid or C. O. D., \$10.

Engineers' Service Company
25 Church St., New York

Use Your Radio as an Electric Phonograph

Results equal to the new high-priced Electric Phonographs now appearing on the market.

Inexpensive to hook up. Does not spoil set for radio use. Send \$1.00 for complete plans.

Mogle & McClelland
1024 MAIN WINFIELD, KANSAS

No Noises!

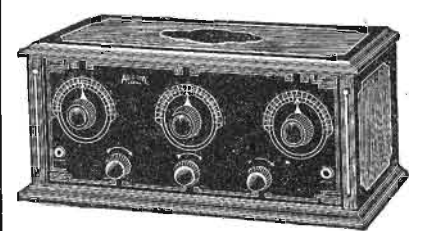
Tones clearer, voices more distinct, and volume greater with—AMPERITE. No moving parts. It brings the utmost out of each individual tube. Specified in all popular construction sets. Price \$1.10.

Radiall Company
Dept. R.D.-3 50 Franklin Street, New York City

Write for FREE Hook-ups
AMPERITE
The "SELF-ADJUSTING" Rheostat

ATEC FIVE

\$85 Complete
NOTHING ELSE TO BUY

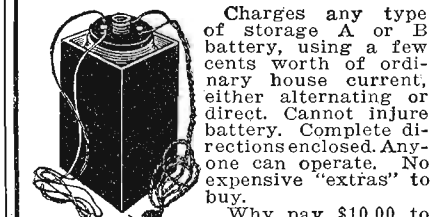


A trial will convince you that this is the set to buy. Have your dealer demonstrate the ATEC to you. If he does not handle them write us direct.

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Atec Products
Manufactured by
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Charger ONLY
SATISFACTION GUARANTEED



Charges any type of storage A or B battery, using a few cents worth of ordinary house current, either alternating or direct. Cannot injure battery. Complete directions enclosed. Anyone can operate. 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 mailing us two dollars (bills, money-order, check or stamps) plus ten cents in stamps or coin to pay mailing costs. Charger will be sent postpaid. If not satisfied return within five days and we will refund your money. Order at once—TODAY.
R. B. SPECIALTY COMPANY
Dept. A-47 308 East Third Street CINCINNATI, OHIO

factory means of counting Radio audiences has been determined.

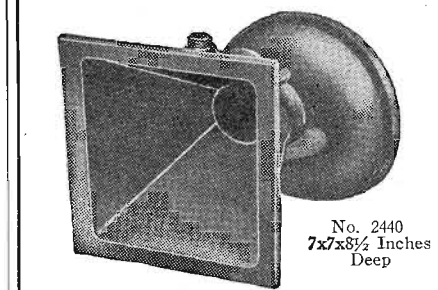
One feature of growing importance in church Radio is the collection. This is particularly significant, as it must be purely voluntary and straight from the heart. One church writes that in three years their Radio gifts have reached \$8,000 without any appeal for funds. The Y. M. C. A. of one town received \$400 in one season, also without any solicitation.

One writer comments that the man who is not ashamed to slip a dime in the collection box in church does not hesitate to slip a dollar bill into an envelope in gratitude for some Radio service which he finds particularly inspiring.

THE McQuiddy Press
Announces the Publication of
"HOWDY JUDGE!"
A volume of dialect stories in character—brim full of wholesome humor, by
GEORGE D. HAY
"The Solemn Old Judge"
Orders are being received by The McQuiddy Press, 110 Seventh Avenue North, Nashville, Tennessee. \$1.25 per copy. First issue out August 20th.

6-Volt Storage Radio "A" Battery
Most amazing battery value ever offered! A genuine World 6-Volt Radio "A" Battery with 25 ampere capacity for only \$5.00! Just the thing for Trickle Charger. Famous World Quality assured. Equipped with
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Radiophone Broadcasting Sta. S. U.

Corrected Every Issue - Part II



ONE DOLLAR will be paid to the Radio fan reader of Radio Digest submitting the most errors in any one station's listing in the Directory of Radiophone Stations...

United States (Cont'd)

(Note—The second part of the schedule list appears below. The first appeared last issue.)
KMTR, Los Angeles, Calif. 238m-1260kc. 500 watts. Echophone Mfg. Co.
KNRC, Los Angeles, Calif. 208.2m-1440kc. 500 watts. C. E. Boone, Announcer, Tom Mitchell, Mon, 2-3 pm; 8-10, Tues, 8-10 pm. Wed, 7-10 pm. Thurs, 2-3 pm; 8-10, Fri, 8-10 pm. Sat, 8-10 pm. Pacific.

Fri, 6:30 am, Tues, Thurs, Sat, 6:30 am, 8, 8:30, 8:45. Tues, Thurs, 7, 7:30, Pacific.
KSO, Clarinda, Iowa, 241.8m-1240kc. 500 watts. A. A. Berry Seed Co. Announcer, Joe Paassen. Slogan, "Keep Serving Others." Daily ex Sat, Sun, 12 n. talks; 12-1 pm, 8-9:30 pm. Sun, 12-1 pm. Central.
KTAB, Oakland, Calif. 302.8m-990kc. 1,000 watts. The Associated Broadcasters. Daily ex Sun, 9:30 am, prayer service. Daily ex Sat, 7:30 pm, 8-10 pm. Sun, 10 am, 11; 7:45 pm. Pacific.
KTLB, Los Angeles, Calif. 293.9m-1020kc. 750 watts. Bible Inst. of Los Angeles. Announcer, M. E. Carrier. Daily ex Sun, 8:30 am, 2 pm, 7:15-9:30 pm, 10:45 am, 6 pm, 7:15, 9:30, Pacific.
KTBR, Portland, Ore. 263m-1140kc. 500 watts. Brown's Radio Shop. Pacific.
KTHS, Hot Springs National Park, Ark. 374.8m-800kc. 1,000 watts. The new Arlington hotel. Announcer, G. C. Aronoff. Slogan, "Kum to Hot Springs." Mon, Tues, Thurs, 12-30-1 pm, markets, weather, music. Fri, 12:30-1:30 pm, Farmers' Radio Chautauqua. Sat, 12:30-1:20 pm, boy's talk, Bible class, music, weather, markets. Daily, 9-11:30 pm, concerts. Sun, 11-12:15 pm, church services; 9-10 pm, classics; 10-11:30 pm, Arkansas Traveler frolic. Central.

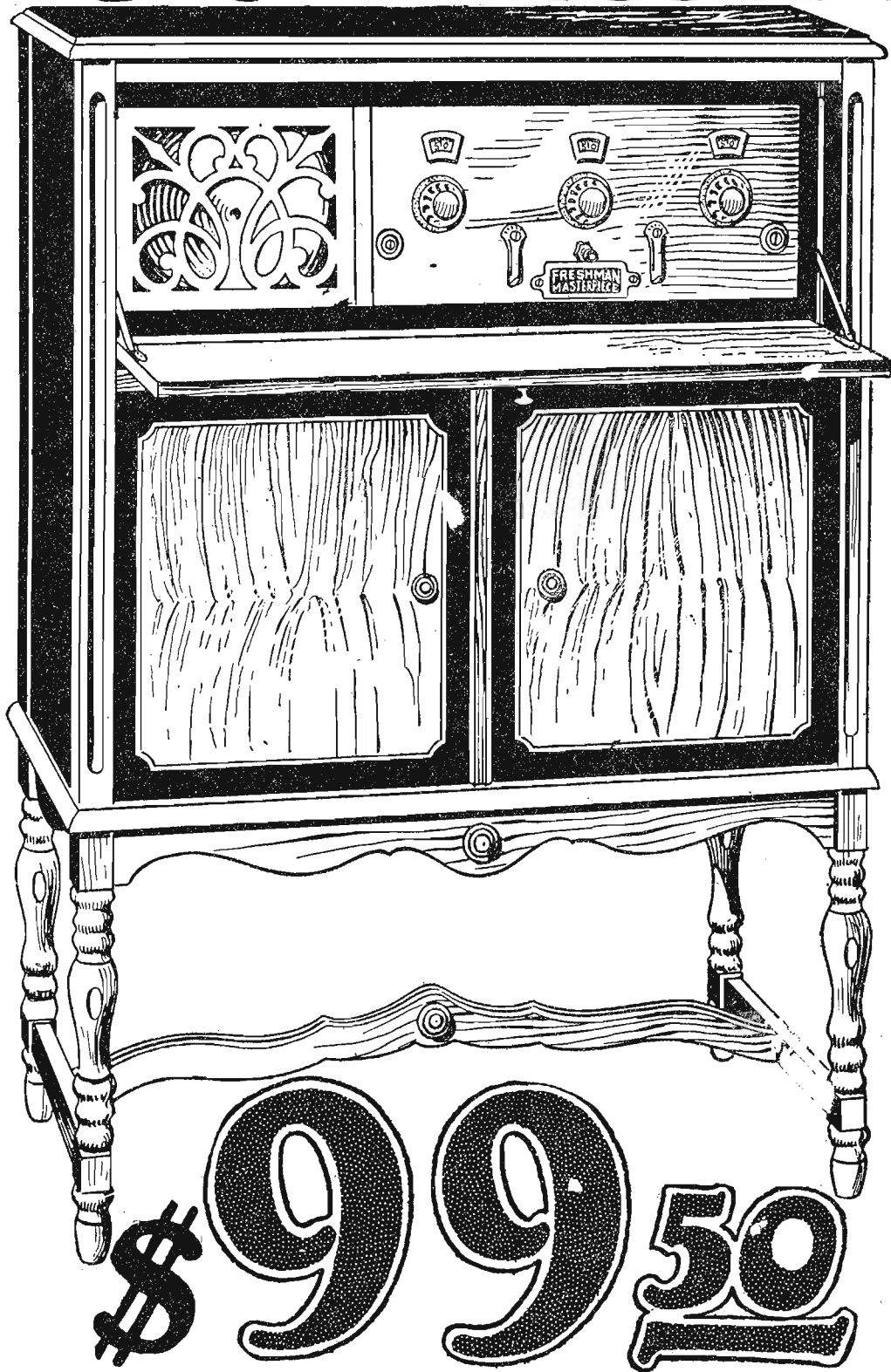
mid. Wed, Fri, 8-10 pm. Sat, 12 mid. Sun, 10:30 am; 7:30 pm. Eastern.
WAGM, Royal Oak, Mich. 225.4m-1330kc. 500 watts. Robert L. Miller. Mon, 8-12:30 am. Wed, Fri, 8-10:30 pm. Central daylight.
WAHG, Richmond Hill, N. Y. 315.6m-950kc. 500 watts. A. H. Grebe & Co. Slogan, "Wait and Hear Grebe." Daily ex Sun, 12-1:30 pm. Mon, Wed, Fri, 7:30-11:30 pm, 12-2 am. Sat, 12-2 am. Eastern daylight.
WAIT, Taunton, Mass. 228.9m-1310kc. 100 watts. A. Wait, Site & Co., Inc.
WAIU, Columbus, Ohio. 293.9m-1020kc. 500 watts. American Insurance Union. Announcer, Roy Snouffer. Daily ex Sun, 11:55 am, time; 12-1 pm, news, markets, weather. Mon, 6-7 pm, 8-9:30, 10:30-11:30. Tues, 6-7 pm, 11-12. Wed, 6-7 pm. Thurs, 6-7 pm. Fri, 6-7 pm, 8-9:30, 10:30-12. Sat, 9:15-11 pm. Sun, 3-3 pm. Eastern.
WAMD, Minneapolis, Minn. 243.8m-1230kc. 1,000 watts. Radisson Radio Corporation. Slogan, "The Call of the North." Daily ex Sun, Tues, 12 m, 12:01 pm; 6:55, police alarms; 7. Mon, 1 pm, 5:45, boys' club; 7:20, program; 11. Tues, 12 m, 12:30 pm. Wed, 7:05 pm, talk; 7:10, 11. Thurs, 1 pm, 6:15, dinner concert; 7:01, 7:10. Fri, 1 pm, 7:01, 7:10, 8, 11. Sat, 6:15, 7:05, talk; 7:10, 11:30. Sun, 10:30 am, 2:45 pm; 6:15, 6:45, 9:30. Central.
WAPI, Auburn, Ala. 247.8m-1210kc. 1000 watts. Alabama Polytechnic Institute.
WARC, Melrose Hills, Mass. 260.7m-1150kc. 100 watts. The Unrat Corp.
WATT, Boston, Mass. 243.8m-1230kc. 100 watts. Edison Elec. Illuminating Co.
WBAA, W. Lafayette, Ind. 272.6m-1100kc. 250 watts. Purdue university. Daily ex Sun, 9:50 am, stocks, markets, weather. Mon, Fri, 7:15 pm, special program.
WBAK, Harrisburg, Pa. 275.1m-1090kc. 500 watts. Pennsylvania State Police. Announcer, A. E. Poorman. Daily ex Sun, 10 am, 1 pm, 2, 3:30, 5:45, police reports, fire protection, farm news; 12 midnight, night, reports. Mon, Tues, Wed, 7:30 pm, Eastern.
WBAL, Baltimore, Md. 245.8m-1220kc. 5000 watts. Consolidated Gas, Elec. Light & Power Co. Mon, Thurs, 6-10 pm. Tues, Fri, 6-10 pm. Sun, 7-8:30 pm. Eastern.
WBAO, Decatur, Ill. 270.1m-1110kc. 100 watts. James M. Hinkle University. University activities. No definite schedule.
WBAP, Fort Worth, Tex. 475.9m-630kc. 1,500 watts. Fort Worth Star-Telegram. Announcer, "The Hired Hand." Club, "Radio Truth League." Daily ex Sun, 9, 10, 11, 12 m, 1 pm, 2, 3, "Part of Missing Men." Mon, Tues, Thurs, Fri, Sat, 12:05-12:30 pm; 7:30-8:30, 9:30-11, concert. Mon, Thurs, Fri, 11-12 midnight. Sun, 11 am, church; 9:30-11. Central.
WBAR, Sisseton, Wis. 270.1m-1110kc. 500 watts. Kopp Radio Co. Slogan, "The Station of Northern Wisconsin." Mon, 9-10 pm, 9-11, 8-9 pm. Thurs, 7:30-8:30. Sun, 10-11 pm. Central.
WBAW, Nashville, Tenn. 241.8m-1240kc. 100 watts. First Baptist church. Announcer, Harry Stone. Sun, 7:30 pm. Central.
WBAX, Wilkes-Barre, Pa. 256.3m-1170kc. 100 watts. John H. Stenger, Jr. Slogan, "In Wyoming Valley, Home of the Anthracite."
WBBL, Richmond, Va. 228.9m-1310kc. 100 watts. Grace Covenant Presbyterian church. Announcer, W. L. Pierce. Tues, 8 pm. Sun, 11 am, 7:45 pm. Eastern.
WBCH, Chicago, Ill. 225.4m-1330kc. 1,500 watts. WBBM Broadcasting. Announcer, Nate Caldwell. Slogan, "World's Best Broadcast Medium." Daily ex Sun, 4-6 pm. Mon, 12:02-2 pm; 4-7. Thurs, 12:02-2 am. Sun, Wed, Thurs, Fri, 8-10 pm. Tues, 8-12 mid. Sat, 8-2 am. Sun, 12:30-2 pm. Central daylight.
WBFB, Petoskey, Mich. 238m-1260kc. 200 watts. Petoskey High School. Announcer, Carl Bowman. Tues, 9-10:30 pm. Fri, 8-9:30 pm. Sun, 10:30 am, church services; 3 pm, sacred concert. Central.
WBFR, Staten Island, N. Y. City, N. Y. 272.6m-1100kc. 500 watts. International Bible Students' Association. Thurs, Sat, 8-9 pm. Lectures, music. Sun, 10-12 m, 2, 4 pm, 9-10:30. Eastern daylight.
WBBS, New Orleans, La. 252m-1190kc. 500 watts. First Baptist church. Slogan, "The Gospel Wave." Sun, 11 am, 7:45 pm. service. Central.
WBDF, York, Pa. 222.6m-1350kc. 100 watts. Ruffner Junior High School. Announcer, Lee M. Kline. Slogan, "The School You'd Like to Go To." Mon, 6:45-7:15 pm. Thurs, 6:45-7:15 pm; 9:30-10:30. Eastern.
WBBY, Charleston, S. C. 267.7m-1120kc. 100 watts. Washington Light Infantry. Announcer, Hugh Easterly. Eastern.
WBBZ, Chicago, Ill. 215.7m-1390kc. 500 watts. C. L. Carrell.
WBCH, Chicago, Ill. 265.3m-1130kc. 500 watts. Southtown Economist. Announcer, J. R. Foster. Slogan, "World's Best Community Newspaper." Daily ex Sun, 9:45-11 am, home service; 12-1 pm, Mid-day concert; 3-6, tea time matinee. Daily ex Sun, Sat, Sun, 5:30-6 pm, police bulletins. Daily ex Sun, Mon, 7-8 pm. Tues, Wed, Fri, Sat, 10-12 pm. Thurs, 12-1 am. Pirate Ship. Thurs, 10-11 am. Sun, 10:30-12:15 pm, church service; 4-6 pm, concert; 7:45-9:15, church service. Central daylight.
WBDC, Grand Rapids, Mich. 256.3m-1170kc. 500 watts. Baxter Laundry and Dry Cleaning Co. Announcer, Richard Smith.
WBES, Takoma Park, Md. 222.1m-1350kc. 100 watts. Washington School. Closed for the summer.
WBNY, New York, N. Y. 209.7m-1430kc. 500 watts. Shirley Katz. Daily ex Sat, Sun, 7-11 pm. Sun, 2:30 pm; 6. Eastern daylight.
WBOQ, Richmond Hill, N. Y. 315.6m-1270kc. 500 watts. A. H. Grebe & Co., Inc.
WBRC, Birmingham, Ala. 247.8m-1210kc. 500 watts. Radio Corporation. Slogan, "The Biggest Little Station in the World." Mon, Wed, Sat, 8 pm. Sat, 9-12 midnight. Sun, 10:45 am. Central.
WBRE, Wilkes-Barre, Pa. 230.6m-1300kc. 100 watts. Baltimore Radio Exchange. Wed, Fri, Sun, 8:30-11:30 pm. Eastern.
WBTE, Erie, Pa. C. 275.1m-1090kc. 250 watts. Charlotte Chamber of Commerce.
WBZ, Springfield, Mass. 333.1m-900kc. 2,000 watts. Westinghouse Elec. & Mfg. Co. Announcer, A. E. Bach. Daily ex Sun, 6-8 pm, music, markets; 8-10, music. Sun, 8 pm, organ; 8:30, concert. Eastern.
WBZA, Boston, Mass. (333.1m-900kc), 250 watts. Westinghouse Elec. & Mfg. Co. Same programs as WBZ.
WCAC, Storrs, Conn. 275.1m-1090kc. 500 watts. Connecticut Agricultural College. Announcer, Daniel E. Noble. Slogan, "From the Nutmeg State." Mon, Wed, Fri, 8-9 pm. Eastern.
WCAD, Canton, N. Y. 263m-1140kc. 250 watts. St. Lawrence University. Announcer, Ward C. Priest. Slogan, "The Voice of the North Country." Daily, 11 am, weather, reports, talks, time. Thurs, Fri, 7:30-12 midnight, from WGY on 1,560 meters. Wed, 8 pm. Eastern.
WCAE, Pittsburgh, Pa. 461.3m-650kc. 500 watts. Pittsburgh Press. Kaufmann and Baer Co. Announcer, Joseph Starry. Daily ex Sun, 12:30 pm, news; 4:30, reports; 6:30, music; 7:30, stocks, garden talks; 7:45, Sunshine Girl. Mon, 8:30, 9, 11. Tues, 8, 8:30, 9, 10, 11. Wed, 8:30, 9, 10. Thurs, 8 pm, 9, 10. Fri, 7:50 pm, 8:30, 10, Sat, 8, 8:15, 8:30. Sun, 10:45 am, 4 pm, 6:30, 7:20, 9:15. Eastern daylight.
WCAJ, University Place, Nbr. 254.1m-1180kc. 500 watts. Nevada Wesleyan University. Announcer, C. Jensen. Daily, 4:30 pm, weather, news. Wed, 8 pm. Fri, 7 pm. Central.
WCAL, Northfield, Minn. 336.9m-890kc. 500 watts. Dept. of Physics, St. Olaf College. Announcer, Hector Skifter. Slogan, "The College on the Hill." Daily ex Sun, Thurs, 9:45 am, chapel. Mon, Fri, 12:30 pm, 7 pm, music. Fri, 7:30 pm. Sun, 8:30 pm, sermon, music; 9:15 pm. Central.
WCAO, Baltimore, Md. 275.1m-1090kc. 100 watts. Albert A. and Stanley Brager. Announcer, R. E. Brunner. Slogan, "The People's Store." Mon, Wed, Fri, 6:30-8 pm, dinner music; 8-9:30-11. Eastern.

WCAP, Washington, D. C. 468.5m-640kc. 500 watts. Chesapeake & Potomac Tel. Co. Announcer Gascoigne. Mon, 7-11:30 pm. Wed, 6-11 pm. 6-12 pm. Sun, 11 am, 4 pm, 6:20, vespers; 7:20-10:15, Eastern.
WCAE, San Antonio, Tex. 263m-1140kc. 1000-2000 watts. Southern Radio Corporation of Texas. Announcer, J. H. Dreyer. Daily ex Sun, 8-10 pm. Central.
WCAT, Rapid City, S. D. 239.9m-1250kc. 500 watts. South Dakota State School of Mines. Announcer, J. O. Kanerman. Daily ex Sun, 9:30 am, 12:30 pm, weather, reports. Thurs, 7:30 pm, concert. Mountain.
WCAU, Philadelphia, Pa. 277.6m-1080kc. 500 watts. Universal Broadcasting Co. Announcer, Stan Lee. Slogan, "Where Cheers Await U." Mon, 7:30-12 midnight. Tues, 6:45-12 midnight. Wed, 6:45-11 am. Thurs, 6:30-12 midnight. Fri, 6:45-12:30 am. Sun, 5-9 pm. Eastern daylight.
WCAX, Burlington, Vt. 252m-1190kc. 100 watts. University of Vermont. Slogan, "The Voice of the Green Mountains." Off the air for the summer.
WCBA, Allentown, Pa. 254.1m-1180kc. 15 watts. Queen City Radio station. Wed, 8:15-11 pm. Fri, 6:45-7:45 pm, bedtime stories, Bible lessons. Sat, 9:30-11 pm, dance music. Sun, 10 am, 5:30 pm, 7, church service. Eastern.
WCBD, Zion, Ill. 344.6m-870kc. 5,000 watts. Wilbur Green. Announcer, J. H. DePew. Slogan, "Where God Rules, Man Prospers." Tues, Thurs, 9-11:30 pm, concert. Wed, 1:30-2 pm, organ. Thurs, 2:30-3:45 pm, service. Sun, 9-10:45 am, Bible school; 2:30-6 pm, church services; 9-11:30 pm. Central daylight.
WCBE, New Orleans, La. 263m-1140kc. 5 watts. Uhalt Brothers Radio Co. Announcer, Joe Uhalt. Slogan, "Second Port U. S. A." Daily ex Sun, 10:30-11:30 am. Daily, 7:30-8:30 pm, dance. Sun, 12:30-2 pm, dinner concert; 9, dance music. Central.
WCBH, Oxford, Miss. 241.8m-1240kc. 500 watts. University of Mississippi. Announcer, J. T. Wallace. Slogan, "The University of the South."
WCBM, Baltimore, Md. 228.9m-1310kc. 500 watts. Hotel Chateau. Announcer, Harry J. Dobe. Mon, 10-11 am. Thurs, 10-11 am. Sun, 9:45-11:30 pm. Eastern.
WCBR, Providence, R. I. 209.7m-1430kc. 100 watts. Charles H. Messter. (Portable).
WCCO, Minneapolis-St. Paul, Minn. 416.4m-720kc. 5,000 watts. Washburn-Crosby Co. Announcer, Paul Johnson. Slogan, "Service to the Northwest." Daily ex Sun, 8:45 am, markets; 9:30, 9:35, 9:45, 10:30, markets. Daily ex Sun, 9:30, 10, 11, 12, 1 pm, 2, 3, "Part of Missing Men." Mon, 2:05, 4:05, 5:45, 5:55. Daily ex Sun, Thurs, Fri, Sat, 2:30 pm, Mon, 6:15, 8, 9, Tues, 12:15 pm, 5:15, 6-8, 8:30, 9:30, 10:05. Wed, 8, 9, 10, 10:05. Thurs, 6:15 pm, 7-9, 9. Fri, 12, 15 pm, 6:15, 7:45, 8, 8:30, 10:05. Sat, 8, 8:15, 10:05. Sun, 10:40 am, 4-10, 7:15, 9:25, 9:25, baseball, weather, 8:30, organ. Central.
WCFL, Chicago, Ill. 491.5m-610kc. 250 watts. Chicago Federation of Labor. Daily ex Sun, 6-10 pm. Central daylight.
WCLO, Camp Lake, Wis. 230.6m-1300kc. 500 watts. Central.
WCLS, Joliet, Ill. 214.2m-1400kc. 150 watts. Harold M. Couch. Slogan, "Will County's Largest Store." Tues, Wed, Fri, Sat, 8-11 pm. Sun, 9:30-12 m, 10-11. Central.
WCMA, Culver, Ind. 222.1m-1350kc. 100 watts. Culver Military Academy.
WCOA, Pensacola, Fla. 222m-1350kc. 500 watts. Municipal Broadcasting Station. Announcer, John E. Irgenkl. Slogan, "Wonderful City of Advantages."
WCSH, Portland, Me. 256.3m-1170kc. 500 watts. Congress Square Hotel.
WCSS, Springfield, Ohio. 247.8m-1210kc. 100 watts. Wittenberg College. Announcer, Lester Crowl.
WCWS, Bridgeport, Conn. 209.7m-1430kc. 100 watts. Bridgeport Broadcasting Station.
WCX, Detroit, Mich. 515.9m-580kc. 5,000 watts. The Detroit Free Press. Club, "Red Apple Club." Daily ex Sun, 4 pm, news, stock reports, weather, markets; 6, dinner concert. 8, Tues, 10:2 pm, club. Fri, 10-11 pm, dance. Sun, 8 pm. Eastern.
WDAE, Tampa, Fla. 272.6m-1100kc. 250 watts. Tampa Daily Times. Announcer, Fred H. Megargle. Slogan, "Away Down South in the Sunshine State." Daily ex Sun, 9-2 am. Sun, 7:30-9:30 pm. Eastern.
WDAF, Kansas City, Mo. 365.6m-820kc. 1,000 watts. Kansas City Star. Announcer, H. Dean Fitzer. Club, "Nighthawks." Daily ex Sun, 3:30 pm, 4, 4:30, 5, 6, baseball, music; 1:45, Nighthawks. Mon, Wed, Fri, Sat, 8-10 pm. Sun, 3-4 pm, 4-4:45. Central.
WDAG, Amarillo, Tex. 263m-1140kc. 100 watts. J. Laurence Martin. Slogan, "Where Dollars Always Grow." Daily ex Sun, 12:45 pm, 9. Central.
WDAH, El Paso, Tex. 267.7m-1120kc. 500 watts. Trinity Methodist church.
WDAY, Fargo, N. D. 260.7m-1150kc. 500 watts. Radio Equipment Corporation. Announcer, K. M. Hane. Slogan, "The Biggest Little City in the World." Daily ex Sun, 9 am, markets; 10, weather, news, markets; 11:30, markets; 12 n, markets; 12:30, music; 1, markets; 5, music; 5:30, news; baseball; 6:15, music. Sun, 10:30 am, service. Central.
WDBE, Lancaster, Pa. 258.3m-1170kc. 500 watts. Kirk Johnson & Co., Inc.
WDBF, Atlanta, Ga. 270.1m-1110kc. 100 watts. J. M. High Co.
WDBJ, Roanoke, Va. 228.9m-1310kc. 500 watts. Richardson Wayland Elec. Corp. Announcer, Glen Bayler. Slogan, "Roanoke Down in Old Virginia." Daily ex Sun, 12-1 pm, music; 5:30-6:45, music, news, weather, baseball. Mon, 8-9 pm. Wed, Sat, 9 pm. concert. Sun, 7:45 pm, church. Eastern.
WDBK, Cleveland, Ohio. 227m-1320kc. 100 watts. M. F. Broz Furniture Co. Slogan, "Proz-casting from Cleveland." Tues, Fri, 8:30-12 mid. Eastern.
WDBO, Winter Park, Fla. 239.9m-1250kc. 500 watts. Rollins College, Inc. Slogan, "The Voice of Central Florida." Daily ex Tues, Sun, 7:25-8:15, 8:55-11. Tues, 7:15-7:45 pm, 9:15-11. Sun, 11 am, 8:30 pm. Eastern.
WDBY, Minneapolis, Minn. 263m-1140kc. 500 watts. Twin City Broadcasting station, Inc. Announcer, Dr. George Young. Mon, 6-8 pm, 9-11. Tues, 7-8 pm. Wed, 6-10 pm. Fri, 7-11 pm. Central.
WDBZ, Kingston, N. Y. 232.4m-1290kc. 10 watts. Boy Scouts of America. Announcer, G. Henry Neslage.
WDEL, Wilmington, Del. 265.3m-1130kc. 100 watts. Wilmington Elec. Spec. Co. Slogan, "The First Broadcasting Station of the First City of the First State." Tues, Thurs, 8-10 pm. Sun, 7:30-9 pm, service. Eastern daylight.
WDGY, Minneapolis, Minn. 263m-1140kc. 500 watts. Twin City Broadcasting Station, Inc. Announcer, Dr. George Young. Mon, 6-8 pm, 9-11. Tues, 7-8 pm. Wed, 6-10 pm. Fri, 7-11 pm. Central.
WDDO, Chattanooga, Tenn. 256.3m-1170kc. 500 watts. Chattanooga Radio Co. Inc. Announcer, John T. Carter. Slogan, "Wonderland Dynamo of Dixie." Mon, Wed, Fri, 6:30-8 pm, 8:15, Fri, 11 pm. Alternate Tues, 9-9:30 pm. Sun, 11 am, 4:30 pm, 9:15-10:15. Central.
WDRR, New Haven, Conn. 267.7m-1120kc. 100 Watts. Doolittle Radio Corp. Mon, Wed, Fri, 6:45-7:15 pm, news. Mon, 8-9:30 pm. Sun, 11 am, Eastern.
WDFW, Providence, R. I. 440.9m-680kc. 500 watts. Dutee W. Flint, Inc. Slogan, "Quality First." Eastern.
WDZ, Tuscola, Ill. 277.6m-1080kc. 100 watts. James L. Bush. Daily ex Sun, 9:30 am, 10:30, 11, 11:30, 12 m, 12:30 pm, 1, 1:15, Chicago Board of Trade quotations. Central daylight.
(The third part of the directory of station schedules will appear next issue.)

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