

Buried Antenna Improves Reception

Radio Digest

TWICE
A MONTH

ILLUSTRATED PROGRAMS

FIFTEEN
CENTS

SECOND MAY NUMBER, 1926

U. S. & Canada
Vol XVII No. 5



Hugh Fullerton's Romance, "Big Rabbit"; KFJF, American Legion's First Radio Post; Mrs. Polyblank's Heroism; Stories of WMCA and WAFD; Spring Cleaning Your Outfit

No. 7 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.....

5-15-26

**FIVE NEW FACES IN
TOP 16 OF CUP RACE****BARNES, JOHNEN, BROKEN-
SHIRE AND MAY IN LEAD**

New Candidates Bring Total to 179—
Standing with Votes to Ap-
pear Next Issue

Life for the average citizen is a series of ups and downs, and Radio announcers are no exception. Looking over the top sixteen candidates in the 1926 Gold Cup Award race, the Gold Cup editor notices that there are five who have had their ups and the same number who have experienced downs, since last issue.

Arranged in four groups of four, so that the actual vote won't prejudice your opinion before you are convinced which man is your favorite, the sixteen leaders this issue are:

First group: Pat Barnes, WHT; Norman Brokenshire, WJZ; Louis John Johnen, WLW; Earl E. May, KMA.

Second group: Henry Field, KFNF; Gayle Grubb or Gloomy Gus, KFAB; The Hired Hand, WBAP; Harold Isbell, KNX.

Third group: Robert W. Griffin, WHO; William (Bill) G. Hay, WGN; Peter MacArthur, WOC; Clyde A. Randall, WSMB.

Fourth group: G. C. Arnoux, KTHS; Phillips Carlin, WEA; Sen Kaney, KYW; Jerry Sullivan, WQJ.

But It Doesn't Mean Anything

There they are, but it doesn't mean anything, for it is a long time before the contest closes and the winners are proclaimed. New faces in the top sixteen this issue are Gayle Grubb, Harold Isbell, Bill Hay, Peter MacArthur and Sen Kaney. Old faces disappeared below the top sixteen level since last issue are Milton Cross, Lambdin Kay, E. L. Tyson, Edward B. Husing and Leslie Joy. Are any of the latter men your favorites? Better save your votes for them because they need them.

Of course the preliminary standings do not indicate the real truth because dyed-in-the-wool listeners are saving their ballots from every issue until they get a COMPLETE set to cast for their favorites. The bonus vote of fifty is obtained by saving the ballots this way, and it means a lot of help to whatever candidate is the recipient.

Only 179 Want Prizes

The record has been broken so far as the number of candidates entered is concerned. Added to the 140 names already announced, there have been thirty-nine nominations made since last issue. The new entrées are:

Anderson, Henry, KSO.
Baker, Norman, KENT
Cartier, Jacques, CKAC
Cisler, Stephen A.,
WDGY
Clarke, Ralph K., KOA
Coe, R. L., KSD
Craig, Bob, KFAB
Criley, Frank H., KLDL
Faassen, Joe, KSO
Fay, William, WGY
Finke, Harold, WGBT
Fricker, H. A., CKCL
Hardy, C., WGR
Hayes, C. H., KSL
Hernandez, Remberto O.,
PWX
Hurd, Robert, KFI
J. C. R., KOA
Legrow, Archie, WCSH
McFee, John, WFBM
Marshall, M. A., KFLZ

Phillips, H. H., KWVG
Pierston, Wm. T., WCAP
Richards, Dudley D.,
WLS
Richardson, Harry, KFNF
Rigg, M. A., Jr., WGR
Ross, William, CKCO
Sadler, Harry D., WLS
Simmons, Pate, KFNF
Spink, George, WLSI
Sweet, Wm. M., WRC
Swift, Gale, KYW
Talbot, Freeman, H.,
KOA
Thomas, Lloyd, KFKX
Tracy, F. N., WHN
Uncle Bob, WHEC
Uncle Wip, WIP
Waugh, Harry, WIAS
Wick, Bert, KDLR
Wynkoop, John, WCAU

And now for a surprise! Be sure you read the next issue of Radio Digest, out June 1, for it will contain the first standing of the leaders with actual numbers of votes received. The standing of the Canadian announcers, who are eligible for a special silver loving cup, will also be given.

Don't miss a single ballot, for when these are turned in to Radio Digest in a

group of consecutive numbers, extra bonus votes are allowed the candidate voted for.

The ballots, top of this page, numbered consecutively, will appear in each issue of the Radio Digest until the close of the contest.

Each of these ballots will count for one

**COLLEEN MOORE IS
PRETTY COVER GIRL**

AND did you ever go tuning in the California stations when all of a sudden you came to KFI and the roguish voice of that bit of a lass we see so often in the pictures, Colleen Moore?

Then, 'twill be pleased you are to be looking at the Radio Digest cover this issue for there is the smiling face of her just as she stands babbling with her friend Mike in the KFI studio, the picture being taken especially by the movie photographer for the Radio Digest readers.

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 will be granted.

The larger the 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. And 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.

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Looking Ahead

Beauty and Romance in a City That Still Lives Its Traditions and presents the charm and quaintness of half a century ago is the story of Montreal. It is called "The Little France of America," for eighty per cent of its population is French. Jacques Cartier, director and announcer for CKAC, is the nucleus of an interesting story in our next Radio Digest.

Californians Report Quite Regularly Hearing Voices from the Land of the Mikado, waiting over the vast ether expanse that domes the Pacific, and there have been numerous inquiries as to Radio broadcasting in Japan. There will be a feature with pictures on this subject in our next issue.

After reading developments in Following the Trail of Hugh Fullerton's Big Rabbit in this issue you will naturally expect a clash in our next installment. The chances are you will not be disappointed, but we can't give away the secrets here. This is Fullerton at his best.

Without Assuming the Feverish Rush of a Real Estate Boom, Oregon has, however, enjoyed an exceedingly rapid and wholesome growth during the past few years due to its temperate, equable climate, industry and agricultural attractions. The State Agricultural college at Corvallis has been a leading factor and its voice is Radio Station KOAC. See Radio Digest of June 1.

Lighting Arresters as Used with Radio Receivers Are Not Ornaments. Neither will any old A or B battery give you value received. Next issue's "Spring Cleaning" article tells the whole story.

Going Camping?—Then Build the "S.O.S." portable. Complete details covering the construction of a flyweight portable "super" will begin in the June 1 issue. Reserve your copy.

**Newsstands Don't Always
Have One Left**

WHEN YOU WANT

Radio Digest

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Chicago, Illinois.

Please find enclosed check M. O. for Three Dollars (Four, Foreign) for One Year's Subscription to Radio Digest, Illustrated.

Name

Address

City State.....

SHORT WAVES

By Marcella

Here's a cute note I received from the Silver Masked Tenor:

"Dear Marcella: A few weeks ago my good wife called my attention to your little article saying that our little daughter Rosemary was a boy. Rosemary, who by the way is eleven months old, felt rather hurt that you should call her a boy, and wants you to know that she is a GIRL. So I told her I would write you all about it. Sincere good wishes to you from, 'Mr. and Mrs. Silver Masked Tenor' and Rosemary."

I've a confession to make. I know, and have known for a long time where Gene Rouse was announcing. Yes, he is announcing, but he won't let me tell you where. At least a score of you have guessed correctly. The rest of you will have to guess for yourselves, that is, unless Gene lets me tell. No Harriet, I am not Gene Rouse, nor his wife. And another secret I know is who Sam 'n' Henry really are. You'll have to guess that, too.

Who thought Ralph Shugart, of WJJD, was married? That's out, as the umpire says. Jack Nelson, WJJD's genial and married director, however, may have an announcement to make ere long. And he intimates it won't be about Radio. No, he is not divorced and his wife hasn't made plans to get rid of him, to my knowledge. Yes, Patsy Joyce, both boys are very good looking.

Jack Little is usually where you don't expect to find him. He's hard to locate, but when we do know, you'll find his name in the list of "headliners today" in the advance programs. That also holds for the Ray-O-Vac twins and Lew Ferris. The Ray-O-Vac twins were at WBZ, New England, the week of April 24, but that's 'way back.

Boys, here's a tip. Tune in Miss Lorraine Allen at KUOA, University of Arkansas, some night. Then go back to page 3 of the April 17 issue of Radio Digest and look at her. She is a darling and the first coed to be president of the senior class at the university. Better hurry up for she will be graduated soon and some one else may get her. When to listen? Any Thursday night at 8:45 o'clock Central time. The title, "Queen of the Ivories," fits her to a tee.

Now about Harry Bloom, who sings over WTAM from the Golden Pheasant, and Phil Julius, who does the same thing over the same station with the Royal Canadians. Harry is unmarried—yet—and very eligible. Stands 5 feet 10 inches, weighs 165 pounds, is 29 years old, has black hair and beautiful brown eyes. His hobbies, he tells me, are "books and women." Which do you prefer, Mr. Bloom? Answer: "Women, because they're harder to read through than books." Amen. Harry is Beau Brummel of Cleveland music publishers' representatives. Works for Remick. Heard also from Music Box restaurant.

Phil Julius is an inch shorter than Harry, a year younger, and three pounds lighter. Rest of physical description the same. His hair is curly, he is unmarried, and his hobbies are (1) baseball, (2) prize fighting, (3) cabaretting, (4) fast ponies. Is an exclusive artist at the Music Box restaurant and sings for Mr. Mackay-Berlin.

"Oh, Marcella. Is it really necessary for you to tell about me?" Yes, Louis John Johnen, of WLW, it is. So many girls have written to me and I simply MUST tell them you are single—in fact, the only eligible announcer in Cincinnati. Yes, girls, Louis is also a very good singer and has a number of operatic roles in his repertoire. He sang with the famous Cincinnati Zoo Opera company a few years ago and is going to participate in the operas this year, in addition to his duties as program director of the Crosley superpower station. Louis is of the intelligencia class. In fact, he likes nothing better than to discuss the classics and reads excerpts for his audience when not occupied as interlocutor in the famous Burnt Corker minstrels, which he started as a novelty for the air audience. He is a Phi Beta Kappa man; graduate of the University of Cincinnati and Conservatory of Music; can drive an automobile safely with one hand, etc. He registers 170 pounds on the scales of the Y. M. C. A. where he takes his daily exercises. His oculist says he has brown eyes while his tailor claims he is 5 feet 9 inches tall! His barber insists he has light brown hair. Louis is really a chemist but specializes in the analysis of the feminine heart.

No, Mrs. S. J. F., Eddie Cavannaugh and his wife, Fanny, the "Gaelic Twins," are not at WFAA. They may be heard

(Continued on page 14)

THOUSANDS END MYSTERY STORY

STAGE HANDS' UNION EYES BROADCASTERS

WOULD HAVE STUDIO SHIRE SILENT SCENE SHIFTER

Omaha Union Manager Thinks Maybe Skilled Labor Needed to Move "Mike" or Chairs

By W. O. Wiseman

OMAHA, Nebr.—A move to put a silent scenery shifter in every broadcasting studio in the country has been launched by the Omaha local, International Association of Theater employees, led by H. H. Bushey, business manager of local stage hands.

Radio is making big inroads on theater employment, Mr. Bushey claims. It is only fair, he reasons, that the work done in connection with staging of Radio entertainments in studios should therefore be allotted to the stage hands' union.

"They put on plays and all such things at Radio studios," said Mr. Bushey. "I don't know what scenery is used in connection with these, but included in our union are many different kinds of stage mechanics and undoubtedly some of the work in connection with these stagings could be done by skilled stage hands."

Bushey Will Fight for Principle

The local union has passed a resolution directing Mr. Bushey to present the matter at the international convention of the I. A. T. E. in Cleveland in June. Mr. Bushey says he will go to Cleveland prepared to fight for the principle advocated by the Omaha local that Radio studios are places of amusement and must employ union stage hands.

"If the national association adopts this rule, we will ask talent to refuse to broadcast unless union stage hands are employed in connection with the studios," Bushey explained.

Orson Stiles, director of WOAW, the Woodmen of the World station here, said he thought the move a "huge joke." "We can move our own chairs in the studio," he added.

Frank Taylor in charge of WAAW, when told of the move said, "We have an announcer and an operator in our studios. A third employe would be in the way."

THREE PLANTS TO PUT DERBY ON AIR

Famous Kentucky Horse Race Classic Goes over WGN, WHAS and WEBH

CHICAGO.—Two leading Chicago stations WEBH and WGN, and the broadcaster of the Louisville Courier-Journal at Louisville, WHAS, will give followers of the turf detailed word pictures of all that takes place at Churchill Downs on Derby Day, May 15.

This is the second year WHAS and WGN have essayed the presentment of the famous classic of the "Sport of Kings." Last year both stations succeeded admirably in handling the Derby.

The broadcasting from all stations will begin on or shortly before 2 p. m. Central Standard time. All racing events, descriptions of the milling crowds, the music from two bands and a complete running story of the Derby will go on the air.

WGN, the Chicago Tribune station, also announces that it will broadcast the 500-mile automobile sweepstakes Monday, May 31, at Indianapolis Motor Speedway. This is the third year WGN has handled the Indianapolis auto races.

But There's Still 529 of 'Em to Select from

Commerce Department Warns Stations to Renew Licenses Early

WASHINGTON, D. C.—The total number of broadcasting stations on April 1 was 529, according to a recent report of the department of commerce. This is a decrease of 62 over the high water mark of May, 1923, when there were 591.

Stations which permit their licenses to expire without attempting to renew them immediately are having a hard time of it with the department of commerce. Through carelessness a number of stations fail to renew their licenses and they are automatically cancelled. In attempting to set aside the cancellation, the stations are to show that they are rendering a definite public service.

Telephone-Radio Mystery That Was Baffling Experts Found to Be Hoax

COATESVILLE, Pa.—Radio concerts picked up from distant stations over an ordinary telephone line at Brandomore, near here, which for two years had mystified telephone and Radio experts, have ended and the mystery has been cleared up by the admission of Earl Davidson, a Reading railroad telegraph operator, that the strange reception was a hoax.

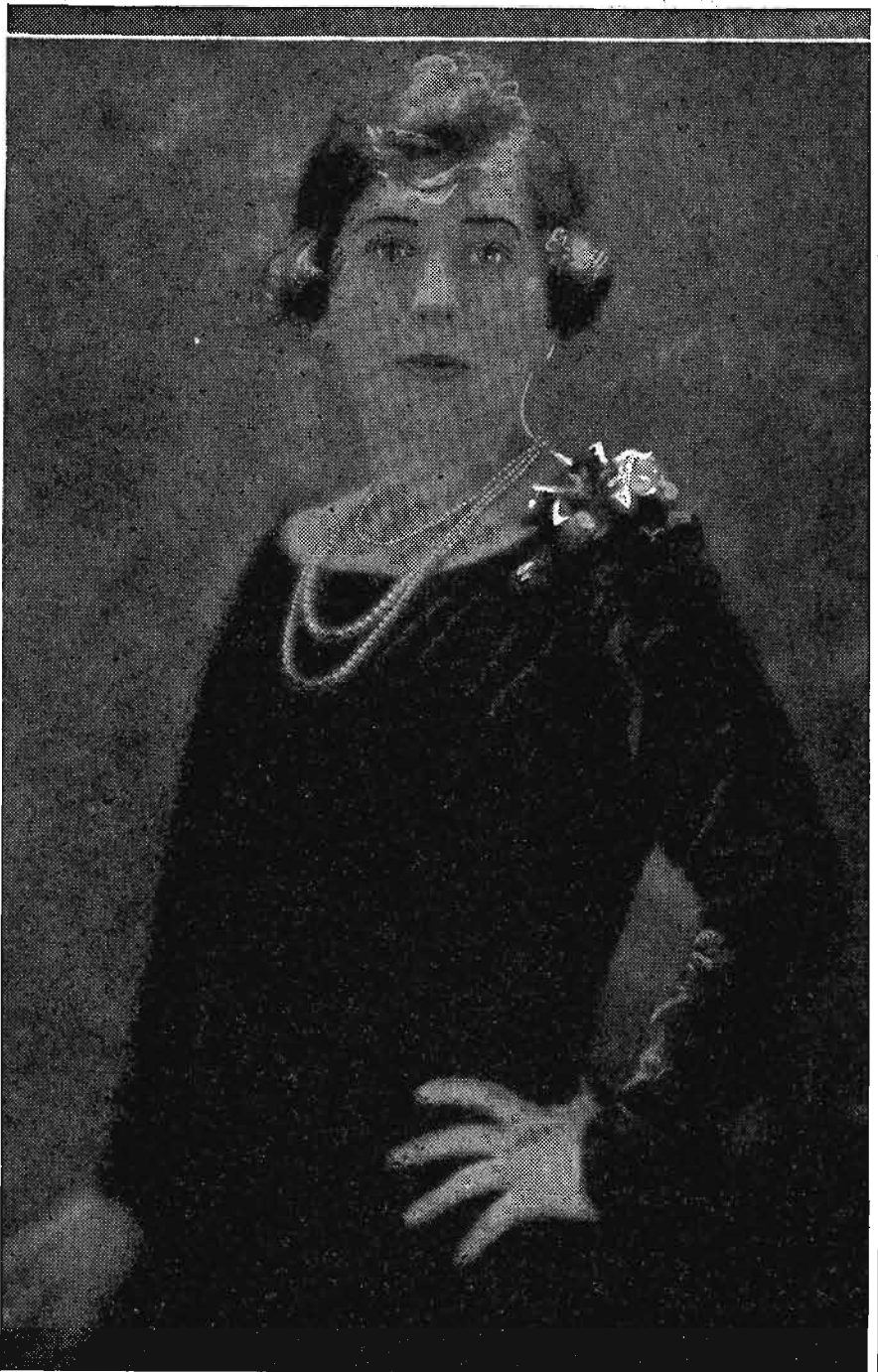
Although he declined to go into details as to his methods, Davidson intimated that he had connected a concealed Radio receiving set with the telephone lines by means of a device of his own invention. He lost his job as a result of the hoax.

It was not uncommon for other employes to lift the telephone receiver to report a train and pick up a Radio program being broadcast from Atlanta, San Francisco and other distant American stations. On some occasions foreign stations, including Germany, were presumably heard.

The mystery drew Radio experts to Brandomore from many parts of the country, all of whom were baffled.

Then railroad officials became suspicious of Davidson. His movements were watched closely, but nothing was revealed. Finally it was decided to suspend him and this brought the mystery to a climax.

ONLY 20 YEARS OLD AND FAMOUS



THE story of Miss Lillian Knowles, opera star, sounds like the dream of a novelist. Things were in a terrible mess over in Europe when Miss Knowles' parents decided to leave England for America. She was just a child of eight and she remembers there was a great deal of excitement aboard ship when news came over the air that war had been declared. It simply spoiled everything for Lillian. She had been having a lovely time, the pet of the whole ship and simply idolized because of her singing concerts. A famous maestro had taken her hand and told her mother that the child was destined to fame as a great singer. Furthermore he would be glad to take her to Italy and train her remarkable talents. Then the terrible war news! Confusion—everyone running back and forth and nobody knowing whether he was coming or going. At the gang plank the maestro disappeared. Lillian's parents journeyed on to Chi-

cago. Determined and ambitious for her brilliant daughter the mother devoted untiring effort in seeing that she was afforded all the training that was possible. At 12 the little girl was featured as a soloist by Dr. Francis Hemmington, famous music teacher. Then came more calamity. Affairs made it necessary for her parents to move to Kalamazoo and away from her teacher. But there were kind friends in the Michigan city. Appreciating her talent and necessities the Kalamazoo Music society sent her back to Chicago for development as an artist. Mrs. Archibald Freer, wealthy and kindly woman, then entered Lillian's life and became her sponsor. Now a young lady, she was beginning to show results for all of her struggle upward and forward. She was introduced to opera and important concerts and was acclaimed a success. During the season now at hand she will be heard regularly on the WHT programs at Chicago.

AND MOST SOLUTIONS PICK WILLIAM CARYL

MRS. H. L. LENTZ, SALINA, KANSAS, AWARDED \$250

Wisconsin Boy Takes Second Prize—Public Demand Causes Several Stations to Repeat Drama

- FIRST PRIZE \$250**
Mrs. H. L. Lentz, 212 West Jewell St., Salina, Kans.
- SECOND PRIZE \$100**
Clinton B. DeSoto, Owen, Wisconsin
- THIRD TO SEVENTEENTH PRIZES \$10 EACH**
- Mrs. Mary M. Burns, 426 Denver St., Albany, Ore.
Mrs. Roy Moton, 1416 East 16th St., Oklahoma City, Okla.
Marie Byrne, 929 26th Ave., Seattle, Wash.
Victor Dyer, Box 1201, San Francisco, Calif.
John M. Whitehead, 846 N. Kellogg St., Galesburg, Ill.
F. A. Monroe, Milbank, S. D.
Mrs. Lela Buckley, 1142 Orville, Kansas City, Kan.
E. C. Jenkins, Minden, La.
Marvin Jackson, Macon, Mo.
Kathryne Catta, 928 Newport Ave., Chicago, Ill.
Doris Merriman, Vida, Mont.
D. M. Morrison, Hammons, Neb.
Walter F. Sellon, 1000 Crain St., Evanston, Ill.
Mrs. Louise George, 421 Harrison Ave., New Orleans, La.
Don H. Shutt, 4207 Iroquois Ave., Erie, Pa.

"And so, dear friends of the Radio audience," as the silver-voiced announcer would say in conclusion, "our great mystery play, 'A Step On the Stairs,' comes to a close."

Above is the list of the prize winners and that is the main thing many thousands of Radio Digest readers and Radio audiences all over the United States have been waiting to see.

Radio Digest has a large file section full of letters and cards from listeners and readers all over the United States who have voiced their appreciation of the story and its correlated Radio drama. It can be estimated conservatively that not less than 5,000,000 persons in this country and beyond its immediate boundaries followed the ghostly quest of Uncle Peleg and the strange assembly of guests at that midnight seance in the old Turner manse on Pelican Bay.

Applause Letters Land Project
Robert J. Casey, the author who created the story at the special solicitation of Radio Digest, and Fred Smith who converted it to dramatic form are both to be congratulated and have been by these same letter writers.

The broadcasting stations and Radio Digest are pleased to have worked out this experiment so successfully together. The plan looked promising but it was a new idea. It had a long period to run. Suppose it didn't take? Then came the first installment in print, followed by the first episode on the air. No letters ever came to Radio Digest or into the stations that created a deeper interest than those first letters. Editors and artists gathered around, each individual reading and re-reading every scrap of the mail.

"Here's a wow!" would come a shout as some particularly good letter was opened. It would be read aloud. Applause in a theater is easy, but a letter means effort and sincere interest and that is why every letter always is appreciated.

Stations Repeat Drama in Entirety
The second week found the applause letters even greater and more enthusiastic. The stations would send their letters to Radio Digest to read and Radio Digest would send its letters to the stations. Each week found the interest in the story and the innovation of turned-down lights and mystic effects more pronounced, and within the last two weeks there have been requests to broadcast the whole series in one evening's performance.

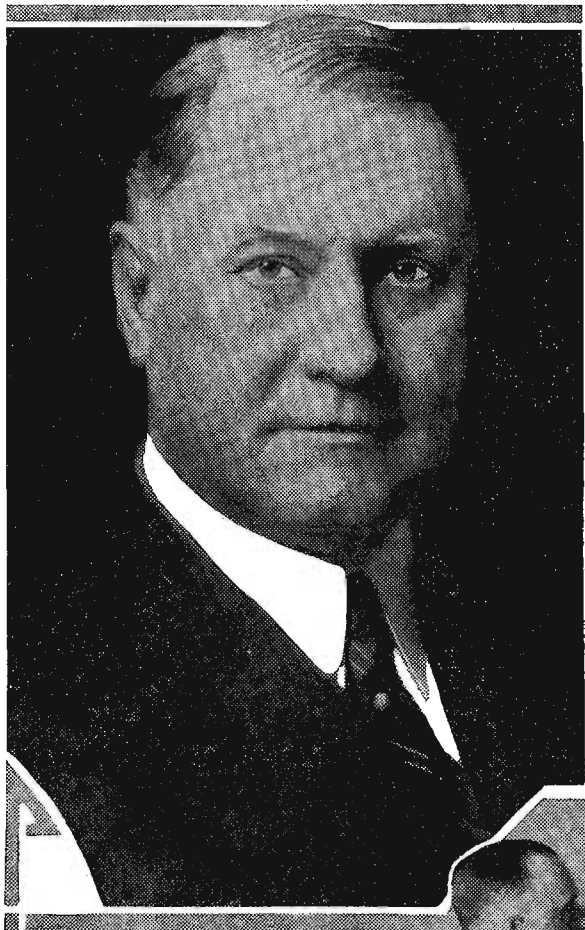
Several stations are considering this plan, especially as the only complaint received has been that the episodes were too short on the air. The first stations to present the complete play in one evening were WNAC of Boston and WEAN of Providence, both of the Shepard Stores, which presented all ten episodes the night of May 12. Then the General Electric Company station, KGO, at Oakland, California, will present all ten episodes on the evening of May 20 and the General Elec-

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Splash! Over Went the Baby!

AND Plop! Over Went Mrs. Polyblank Right After Her! True Bedtime Story of Canadian Mother's Struggle in Icy Water to Save Child. Sir Henry Presents Medal by Radio.

By HAROLD P. BROWN



Sir Henry W. Thornton, (above), President Canadian National Railways, makes presentation speech in Ottawa by Radio while another pins medal on Mrs. Polyblank at O'Brien.

be three years old. There will be a birthday party and it will be the biggest "coming out" party O'Brien has ever known. By "coming out party" I mean something quite different than the ordinary kind, first, because the "coming out" part of it happened weeks and weeks ago, and second, because Kitty is so tiny.

SO I will tell you now about the "coming out." Kitty and her mother and Kathleen and Margaret and their mother and George and Daisy and Mrs. Polyblank were all out in a motor boat on Long Lac (another name for Long Lake), before the ice covered it all over. Mrs. Polyblank was attending to the motor, which sputtered and made a lot of noise. The two mothers were talking about the new mines that were being opened up in the neighborhood.

her friends. Her eye took in the four children in the pit and then she glanced forward over the engine. Her eyes popped out of her head. Motioning the others to keep still she stepped forward quickly, for Kitty had clambered up on the prow of the launch and was looking over the edge at the spray.

But just then one of the women's nerves gave way and there was a scream. Kitty looked up in surprise, lost her balance and—splash! Mrs. Polyblank caught a glimpse of a scared little face sinking under the clear icy water as they swished by.

"Stop the boat!" she called, jumping over the side without the slightest hesitation.

But the other two women were utterly paralyzed with horror. They just stood in their tracks and moaned. The boat raced on with no hand on the rudder. Mrs. Polyblank swam under water with her heavy clothing pulling and dragging her down as it became soaked and water logged. But she caught the little girl who had tumbled from the boat and held her up. As she raised her head above the surface for a fresh breath of air she saw the motor boat still plunging forward and making for the shore.

Realizing that she must get rid of part of her heavy clothing or both would drown she managed slowly and arduously to remove coat, sweater jacket and heavy overskirt—at the same time keeping Kitty's frantic little form above water. A man saw her from the shore and started out with a boat. It seemed to Mrs. Polyblank he never would reach her, that she would have to give up. But she fought on and on and kept Kitty's nose up with supreme desperation.

Mrs. Polyblank would never pass for a sand crane. She is a big-hearted woman and God has fashioned her in proportion so it was no

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Above is actual scene of presentation of Mrs. Polyblank's medal. Left to right the participants are: Mr. Polyblank, civil engineer for the C. N. Ry. and husband of heroine; Sir Henry (his Radio proxy); Mrs. Polyblank in her ceremonial gown and the R. C. H. A. representative. Below are Mrs. Polyblank, the little Polyblanks and the Polyblank dog, out for exercise.

WHILE mother is turning down the covers (if you DO sleep with covers these days as they do in Quebec) and before you start stripping for bed you shall hear the true story of the little girl who tumbled into the lake and how Mrs. Polyblank got her medal.

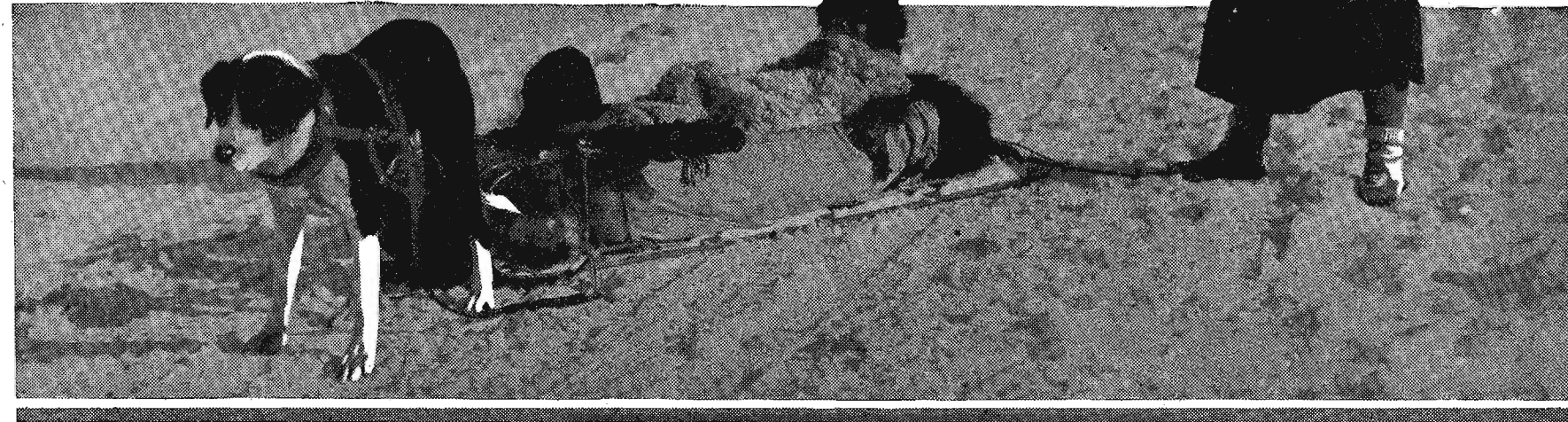
Even in the summer time it never gets very warm in O'Brien, which is up toward the north pole in the western part of Quebec. And while the most of us are enjoying these beautiful May days I suspect the children of O'Brien are still looking for the first robin or maybe they are so far along as to be hunting in the woods over the hill for the first violets of the season.

By the way, bears live in those woods and just about now they are waking up from their long winter sleep and probably they, too, are hunting—hunting for their first square meal of the season. Let us hope that they do not meet the little girl who tumbled into the lake nor the two little children who belong to Mrs. Polyblank.

Soon Kitty Ryan—I believe that is her name, although Mr. Hanratty did not say in his letter telling me about it—will

Margaret and George were pulling at each other with a piece of tie rope and Daisy and Kathleen were investigating the remnants of a lunch basket. Nobody was paying any particular attention to Baby Kitty who had clambered her way toward the front end of the boat.

Finally Mrs. Polyblank got the engine running smoothly and turned to talk to



KFJF Boasts First Radio Post

AMERICAN LEGION Establishes First Radio Post in Oklahoma City and Conducts Regular Meetings Over Air for Members Scattered Hundreds of Miles Over State. "Every-buddy" Invited to Listen to Programs.

THERE'S nothing Bolshevik about Oklahoma. When Uncle Sam found he had a big war on his hands and needed an army of hard hitting, fast shooting fighting men, he knew what to expect from Oklahoma and got it.

Oklahoma doesn't boast the largest population in the Union, but her men are one hundred per cent for the Stars and Stripes and have well developed trigger fingers not so far removed from the precision of pioneer days.

It is therefore not surprising that Oklahoma is splendidly represented in the American Legion and that she has established the first American Legion Radio Post in the United States. This post, No. 300, is located in Oklahoma City, and broadcasts every Saturday night and Sunday afternoon over Station KFJF. Its slogan is "Voice of the American Legion."

"Why don't you give us a special American Legion program?" was the plaint of numerous queries received by Dudley Shaw, general manager and director of Radio Station KFJF, nearly a year ago. He called on legionnaires for advice. A special entertainment by the local organization was arranged. It was a triumph.

"Give us another Legion program," came hundreds of letters, in response.

"**W**ISH we could join that wide-awake bunch of soldiers at Oklahoma City," wrote men from isolated sections, the oil well camps and farm settlements. And then it was discovered that a Radio post of the Legion would be a great boon to ex-service men who found it inconvenient to attend stations established elsewhere. A charter was applied for and granted.

D. G. Rixey was elected post commander with the hearty endorsement of General Roy Hoffman, commander of Oklahoma City Post No. 35, and brigadier general in command of the 93rd division in the World War. The other officers of the Radio post are: Frank F. Tracy, first vice-commander in charge of music division; Jim Hatcher, second vice-commander in charge of speakers' division; Forest Parrott, third vice-commander in charge of communications division; Paul Haskett, M. D., fourth vice-commander in charge of service division; Wayne Vargason, fifth vice-commander, entertainment division; Tom Lowry, sixth vice-commander, athletic division; George Baker, seventh vice-commander, Americanization division; Mike Peshek, Jr., post adjutant; J. N. Brown, finance officer; C. R. Mooney, sergeant-at-arms; Isaac E. Kelso, post chaplain; Dick Lowry, M. D., post historian; Robert C. Graham, "Sergeant Bob," post program announcer, and George H. Gabus, Radiotrician.

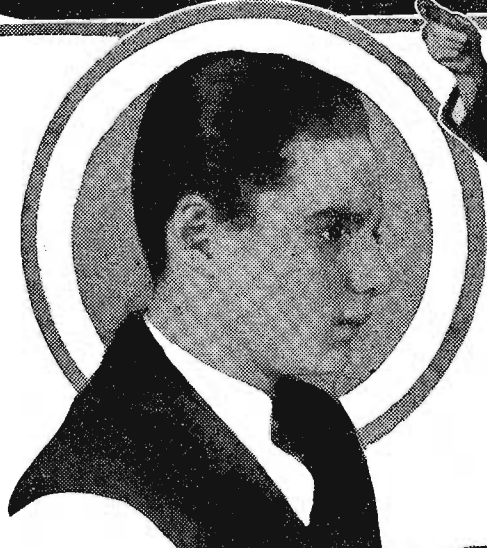
"Any man or woman eligible to join the American Legion," said Vice-Commander F. F. Tracy, "who lives in a community where there is no Legion post can join our outfit. We also have associate memberships in our Radio post for members already belonging to the American Legion."

EVERY Saturday night at the hour of 12, American Legion Radio Post 300, is called to order by the presiding officer, generally represented by "Sergt. Bob" Graham, official announcer.

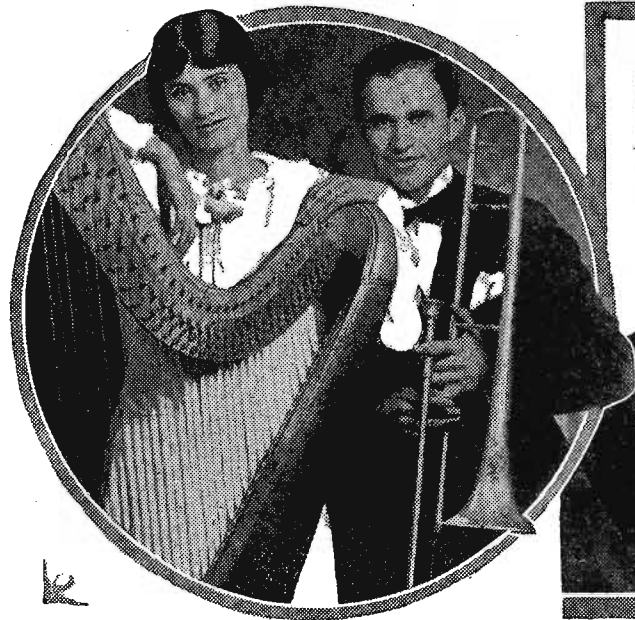
The usual formalities are complied with. Scattered out over the area hundreds of miles apart the members in the oil camps, the farming communities, the hospitals, small towns and wherever ex-service men may be found the members are tuned in, take part in the meeting and the entertainment. There is nothing secret about it and its meeting is open for all outsiders who choose to listen.

"And if the gentleman at Pawhuska will desist from heckling the comrade at Checotah, we will now have a report from the commander of the entertainment division. I asked the comrade at Pawhuska—and, while I'm on my feet, I'd be pleased if Comrade Hornbeck at Shawnee will remove his feet from the table and stop snoring before I send the sergeant-at- (Continued on page 28)

"Less argument between Comrade O'Hara at Pawhuska and Private Grady at Checotah," says "Sergt. Bob" Graham (right) at microphone addressing members of Legion Radio post scattered hundreds of miles apart.



Sometimes "Sergt. Bob" is busy as legislator at state capitol and his place at mike is taken by Announcer Harry Richardson (above). Below is Dudley Shaw, manager at KFJF and at left are Mr. and Mrs. S. E. Ramseyer.



"Pep! A little more pep in that last line, boys," calls Mr. R. M. Shaw (above) director. Art Fowler (below) and his uke have singing acquaintance with all listeners of KFJF.

"Clothes Make WMCA Mike"

TED NELSON Finds Heart and Soul Beneath Tin Ear and Dolls Radio Interlocutor in Proper Raiment. May Solve Important Problem for Theatrical Broadcasters.



Just a wee bit o' Scotch between the Radio Franks and their friend, Mike, at WMCA, (above). At right is original trio of Radio Franks—Bessenger, White and Wright—where Mike played a minor role.

By MARSHAL TAYLOR

TIN EARED MIKE has been the dismay of the profession ever since broadcasting became an art—and let no man dare say it is not an art. He has been accused of a metallic coldness totally incompatible with the inspiration demanded by stage celebrities who have sought his acquaintance. He stands unbending, undraped, disinterested in the velvet-swathed inner-inner sanctum of the studios. He is the hol(e)y of hovies before whom the great and meek bow and offer living sacrifices and yet, like a graven image, his aureole of cavernous ears emits no expression, no sign of approval or disapproval.

Sweating and trembling, a certain Broadway celebrity stepped out of the WMCA studio into the reception room at the Hotel McAlpin the other day. He seemed utterly distraught. He stammered and appeared at a loss to gather his wits together to relate what was on his mind.

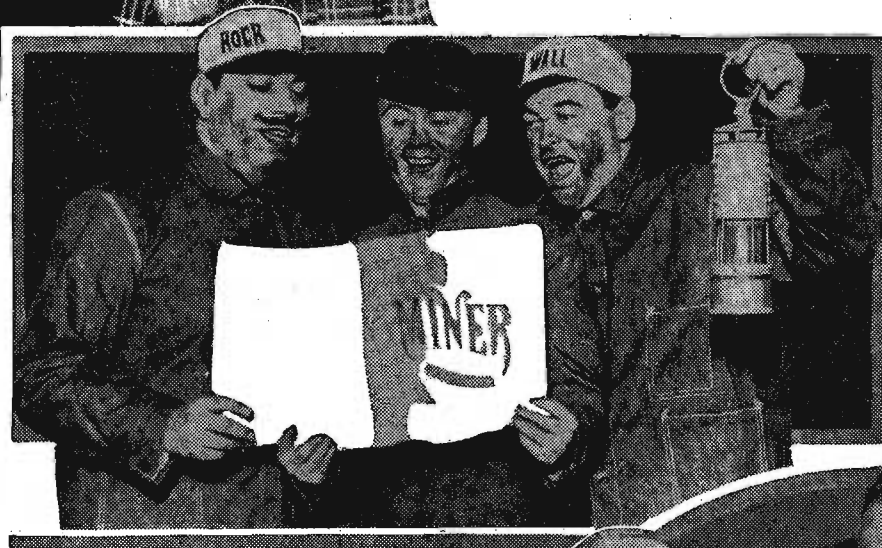
"I'm ruined, ruined!" he finally wailed. "I got all tangled up and the more I tried to get untangled the more of a mess I made of it. That perforated alarm clock on a crutch simply got my goat. Probably one million four hundred eight and a half people in the United States think I'm a blithering idiot after listening to my gibberish attempt at broadcasting."

"Don't worry," smiled Ted Nelson in a soothing way. "They probably think you were putting it on—if you really feel so upset about it. Al Herman will do a little of his blackface stuff and everything you said that didn't register will be forgotten."

But that night Ted lay awake thinking about the matter. The "perforated alarm clock" with a crutch hobbled up and down over his prostrate frame. The thing at least should have been decent enough to wear a pair of pajamas. Pajamas!

Ah-ha! The big idea!

"Pajamas? Certainly, why not?"



So it turned out that the only trouble with Tin Eared Mike at WMCA had been that folks failed to appreciate his personality. They had only regarded him as a piece of tin, whereas he had a living soul and, not merely one heart, but thousands of them, all responsive and susceptible to every human emotion.

"**T**HE best way to get along with Mike," said Ted next day as he returned to the studio with an armful of parcels, "is to treat him like a pal. Forget about the Big Tin Ear. Be chummy and have some regard for his feelings. Get the idea that he has eyes and mouth and body, wears his own clothes and has sentiment just like anyone else. Harry, will you be kind enough to close the door and give us—Mike and me—a little privacy for a few minutes? And please watch out that none of the ladies enter until I give the word."

It was about fifteen minutes before the door opened again and Ted invited the others in.

"Ladies and gentlemen," he said, bowing gracefully and gesturing toward a smiling figure in Scotch kilties and all that goes with them, "may I have the pleasure of presenting to you none other than our old friend, Mike,

who will entertain us this evening in a little skit entitled Hither and Thither in the Heather with the celebrated Radio Franks."

"Wonderful!"

"Marvelous!"

"Hoot mon!" exclaimed one of the Radio Franks, coming into the room at that moment. "Dinna ye say the bairn's name was 'Mike'?"

"Beg pardon, Frank," smiled Ted, "perhaps it was 'Mac.'"

"Young mon," said the other Frank, turning to the newly haberdashed Mike, "Ah ha' a min' to hug ye wi' ye bonny smile an' noo we'll ken what we're about."

And that was as it was and as it is.

If you have listened to the Radio Franks since Mike, or "Mac," has joined them properly garbed as a playmate rather than as a graven, unsmiling image you must have noticed the difference. You felt that you were "Mac" and just another one of the Franks having the time of your life.

But Mike, with the big idea, is as versatile as any other actor. If it's Herman and his bones Mike becomes "Rastus" or

"Topsy." And he does not stand like a naughty pickaninny with his face in the corner. He has roller skates and romps around playing tag with Herman in the McAlpin grill. It's amazingly direct and insinuating if you happen to be at the other end of the ether lane when they are on the air together.

Perhaps Ted Nelson has solved the problem. Who knows but life-like automatons with microphones in the shape of human heads or the heads of animals that can blink and smile and wiggle their ears may mark another period of evolution and, perhaps, in a million years or so there may be another famous trial at which the wise men of the earth will assemble and discuss the question of whether the Mike of that day has descended from Tin Eared Mike of today.

* * *

FRANK BESSENGER, who is at the left in the upper picture, was born in Owasso, Michigan, grew up there, then graduated from the Detroit Conservatory of Music and soon earned more than local fame for his captivating tenor voice.

Frank White, the other member of the duo, is a "singing Gopher." His career began in Minneapolis. Later in New York he was a member of the original Shanley trio and a leading "booster" for the Irving Berlin songs.

The two Franks met at the Berlin studios and casually tried out a song together. It was found their voices were exceptionally well matched and they teamed together.

Below is Al Herman, famous blackface comedian, getting confidential with Mike Alpin disguised as a pickaninny an' Laws Sakes! Yo' should see dat baby Charleston!



Rough Ridin' Airboys At WAFD

PORT HURON Listeners "Het Up"
*When Smitty's Ether Busters Ride Untamed
 Electrons Without Saddles or Bridles and Mount a
 Bucking Bass Horn for a Race Around the Air
 Corral. Ironing Club Wins Mother's Heart.*

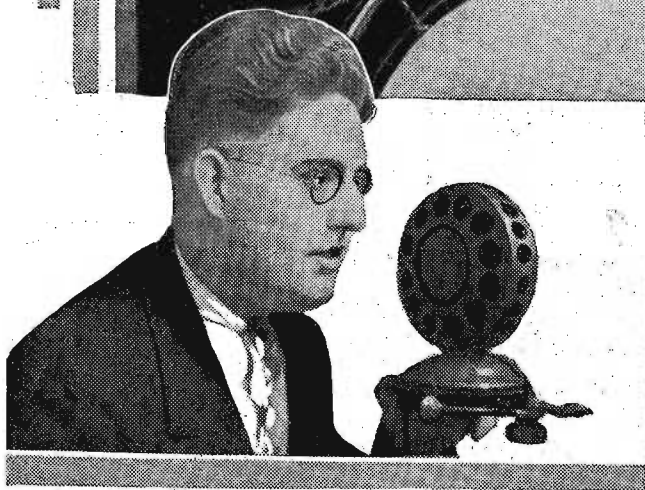
BACK in school days we discovered in our geographies that the lower peninsula of Michigan is a mighty mitten with a big thumb that sticks up into the ribs of old Lake Huron. A thumb on a mitten anywhere is a particularly important digit and right where the Michigan thumb knuckle comes you find the city of Port Huron.

That's where the punch is and if you don't believe it tune in WAFD one of these evenings before Old Man Static get too onerous. Port Huron is a wonderful place to live when summer breezes blow, but when Jack Frost rides the wind she has to take a lot of punishment. It isn't so bad these days with WAFD throwing out a cheerful fireside glow for hundreds of miles, even across Huron into the more sparsely settled districts of Canada.

is known for his "cayenne" pep, which helps to add warmth to his share of the program.

Another chill dispensing musical unit of the WAFD station is the "Foot Warmer's" orchestra. You know how it works. You wade in through the snow and stomp it off your feet as you climb the steps. Then you stand on the door mat and kick off the rest, as much as you can. But your feet are still cold as you enter the house. Then you tune in the WAFD "Foot Warmers." Good-bye cold feet. That hot jazz-ban-jo-sax-pi-an-o-drum-bum-bum will start an agitation of the pedal extremities sure to dissolve the last atom of congealed kinks. Take the "Foot Warmer" treatment and you'll never have chilblains, say the listeners of WAFD.

On April 3, Radio Digest published on its cover the very



Mickey Russell's (above) songs and stories smooth the wrinkles from mother's brow during Ironing Club hour. Sybil Sharrard (right), with Ether Busters, rides the artist grand side-saddle or standing.



A wild, unbridled cornet calms down and becomes a thing of joy when it touches the lips of the fair Selina Harbaugh (above). These are the "Foot Warmer" musicians. Their instruments start the blood circulating and toes tingling to jazz.

charming picture of Miss Eva Sharrard. The Sharrard sisters, Eva and Sybil, help to make receiving sets popular within the Port Huron area. They are regular artists on the WAFD staff and if television ever becomes a practical reality with moving picture screen over the mouths of loud speakers, Eva and Sybil stand a fair chance of receiving the lion's share of applause cards. Both are pianists with Eva taking a turn at the pipe organ when occasion demands. Sybil is one of the members of the Ether Buster outfit and takes the artist grand side-saddle, standing up and hanging from the pedals without missing a note.

These are just some of the things that seem to make the Port Huron broadcasters stand out as unique and which may account for their especially large audience of listeners.

Ever hear of the "Ironing Club?"

Very exclusive—very! It's limited almost exclusively to mothers. Yes, there are a few young men and a few young women but they belong to the general subsidiary organizations better known as "Press Clubs."

There are branches of the "Ironing Club" in every state in the Union. It's a hard club to get into but if you have plenty of pull on the Ironing Board you can get in and on and over. Kenneth McManus, better known to the WAFD listeners as "Mickey Russell," is the male conductor of the "Ironing Club" in that sector and convenes daily sessions at 10 o'clock in the morning.

While the club women who belong to the "Ironers" are guiding the hissing-hot smoothers over dad's shirt or sister's bungalow apron "Mickey" irons his way into her heart with a jolly song or a funny story. Somehow there is something in Mickey's voice that smooths the furrows out of mother's brow, the creaks of the ironing board are dimmed into silence and it all helps to buoy up the heavy iron when her arm and back are aching.

These are just some of the things that seem to make the Port Huron broadcasters stand out as unique and which may account for their especially large audience of listeners.

"Yes, sir, WAFD certainly does warm up the atmosphere. Take those fire blazin' Ether Busters that put on an air-rompin' rodeo every Saturday, at midnight, Smitty leadin' the bunch of tootin' cayuses burnin' up the electrons like streaks of blue lightnin'," said Zeke Jones, who lives about forty miles in from the Bay on a 160-acre farm.

"YOU don't mind the weather so much when you come in from beddin' down the stock, your nose and finger tips tinglin' from the cold," continued Zeke. "You drop a coupla big chunks o' hard maple in the old Detroit heater, tune in WAFD, sit in the rocker with your feet on the stove rail and listen. 'Whoo-oo-peel!' That's Smitty lettin' the bars down for the Ether Busters. 'Oom-pah! Oom-pah! Oopy-oopy-oom-pah!' That's the old bass horn r'arin' on his hind legs, snortin' and tryin' to throw his rider without success. You can jest see his big, brass throat bellowin' and blowin' like he was 'fraid the kittle drum was shootin' peas at his ears. All the time his front feet is pawin' the air and keepin' time with the cornet, trombone and woodwind ponies."

The Ether Busters were organized by Stanley G. Smith, known to most of the listeners as "Smitty," who announces for the Albert B. Parfet company. "Smitty" also

BIG RABBIT & by HUGH FULLERTON

"GO FIND Major Gaskill and do not come back until you do." This was the final order of the stern little banker in one of the leading Atlanta institutions when I answered his summons and he had outlined to me such of the facts as he knew concerning the major's disappearance. The major had not only speculated with his own funds but involved resources of the bank and the inheritance of my beloved Roberta Tonneson, who lived as a ward in his pretentious home in Atlanta.

I received an advance of \$1,000 expense money and hastened to the room where Dick Borton, my newspaper reporter chum, and I had taken up our temporary residence. It was understood he was to assist me in this assignment that meant more to me than any mere financial reward.

"To take up the trail where it leaves off we should start where the major was last seen in public and that was his home," counseled Dick. I agreed with him and found Roberta in a state of semi-siege. A giant negro named Trimble seemed to be in charge of the household and Roberta surreptitiously let me know that she was afraid of him. She did not know where the major had gone but promised to send me a note in case any further danger developed or she received any news.

I had hardly gotten back home and left again with Dick when Roberta's servant followed with a note. Trimble had discovered our arrangement and was to take Roberta away that very day. Dick and I located them aboard a train about to leave. They were in a private car. We tried to conceal ourselves aboard but were discovered, beaten by Trimble and later, while unconscious, dumped from the train at the outskirts of Jacksonville, Florida.

There was some satisfaction in the discovery that Major Gaskill was one of the party and Roberta was not entirely unprotected in the hands of the giant Trimble. Although physically distraught we managed again to find the trail and arranged to follow them after a night's rest up the St. Johns river.

CHAPTER VI

Borton Disappears

IT WAS after eight o'clock the following morning before either of us awoke from the sleep of utter exhaustion into which we fell almost as soon as we rolled into our beds. Then Borton crawled with stiff and aching limbs from his bed and shook me into unwelcome consciousness, grinning at his own pains and at my grimaces of agony.

"Never mind, old scout," he said consolingly, "you'll probably be sorer than that before the day is ended if you don't get busy and work the aches out. I've sent down for a pint of witch-hazel and have filled the tub with sizzling water. Take a hot bath, then I'll rub you down with the witch-hazel and, afterwards, if you feel able, you may do the same for me."

Half an hour later, the hot water and the massage having worked a miracle in reviving us from the effects of the treatment we had endured, we went to breakfast.

"I have been planning for today," said Borton, following his usual custom of assuming command and giving orders. "We will have to work fast and we'll cover more ground if we separate. You've handled motor boats and know something of machinery so you'll get the worst end of the job to start with. I'm going up the river on the Crescent which leaves in an hour. You take the Jason; that's the name of our boat. Hire a darkey to help you with the boat as far as Plummer's, which is a station a short way up the river. Drop him there and hire another one to help you as far as Mandarin. Then pick up another one and cross over with him to Orange Park. Pick up a new darkey at every landing. Here is a map of the river. Stop at Switzerland, Green Cove and Federal Point and meet me at Palatka before dark. You'll have plenty of time to loaf along and listen to people."

"What's the object of changing helpers at each landing?" I asked, puzzled by the odd program he had mapped out for me.

"I'LL TELL you, but if you laugh I'll throw this toast at you and it is half an inch thick in marmalade," Borton replied seriously, lowering his voice so that the negro waiter could not overhear. "I want you to talk rabbit with every negro you hire. If you can get any of them to talk, and I doubt it, try to find out whether or not the Big Rabbit is returning or is already returned. Try to find out where he is to be found and all you can about him."

"What sort of a joke is this?" I demanded, thinking the time ill chosen for joking, although there was something in Borton's tone and manner that did not reflect a jest. "Is this a good time for me to waste a day making a fool of myself and asking idiotic questions?"

with fear. He was still scowling and watching us covertly when we tipped him and left the room and, glancing back, I noticed him making signs over the coins on the table before picking them up.

"You saw?" Borton asked quietly as we descended the stairs. "Perhaps you will be convinced it isn't a joke."

"What the dickens is all this monkey business?" I demanded, stopping and confronting him in irritation. "Isn't there enough mystery about this affair without dragging in a lot of conjuring tricks and devil business to complicate it and to mystify me?"

Dick did not reply for an instant, but stood frowning thoughtfully. "Wen," he said, slipping his arm into mine and

Johns river more than I had enjoyed anything in years. It was still winter up 'home' in the Northland, but spring had come to the Land of Flowers. The fresh green of the trees and grass, the flash of white and gold from dogwood and jasmine, the scent of orange blossoms and jasmine on the soft breeze, mingling with the incense of the pine woods made the day ideal.

The engine of the Jason worked like a watch and we went skimming easily up the river, running almost twenty miles an hour. I was too busy and too mystified and worried to spend much time admiring the broad reaches of the river, or the beautiful wooded banks, where the huge, live oaks, covered with a mourning veil of moss, were broken and highlighted by the magnolias, just starting to flower.

The first negro I employed was loitering on the dock at Jacksonville, watching me as I tested the engine. He was in a loquacious good humor and eager to earn a dollar and his fare back, to aid me. He gave me the names of the owners of the fine houses as we flashed past Riverside, and asked childish questions about my business and my errand on the river. I nursed his good humor, and finally, thinking the time was ripe to wheedle some information out of him, I inquired:

"Did the Big Rabbit get back yet?"

His eyes grew large. His good humor changed to scowling suspicion. He declared he knew nothing about any "Big Rabbit" and, after a few minutes of confusion, attempted to mislead me by asking what I meant about a rabbit. He appeared relieved and glad to leave me when we reached Plummer's where I waited until he had started to find a way to return to the city, then employed a fisherman to assist me over the next stage.

THE dollar I offered him and permission to tow his row boat behind the Jason set him in a high humor, and as soon as we put out I inquired of him concerning the Big Rabbit. His loquacity ceased. Under a volley of questions he admitted, "Ah done heerd sompin' 'bout it—I dunno."

I paid him at Mandarin and shipped a weazened old negro who boasted that he "use ter run on de ribber." All I could extract from him was a sullen assertion; "Ah doan know nothin' 'bout no Big Rabbit."

Him I discharged at the end of the long dock at Orange Park, tied up the boat and loitered for a time. A group of colored men and boys was gathered along the pier fishing for bream and cat fish and to them the old negro, I felt certain, made some sign, or whispered something for, when I strove to hire one to go with me to Switzerland, all refused with sullen silence and resentful looks.

I was compelled to proceed alone on the beautiful but discouraging voyage southward along the river. Everywhere my experience was similar. Not one word of enlightenment could I extract from any one of the ten negroes employed during the day. Yet the manner in which my questions were received, the sullen suspicion with which they regarded me afterward, the undoubted symptoms of alarm, convinced me that each one of them knew much more than he pretended. What it was I could not even guess.

I fouled the screw of the motor boat in some floating water hyacinth above Fairview, and was delayed almost an hour before I could work clear of the plants which almost choked the river below the bridge at Palatka, so it was almost six o'clock when I reached the dock, tied up the boat and hastened to the Putnam House where I had arranged to meet Borton.

The Crescent had arrived and departed hours before, yet no Borton was in sight. As soon as I wrote my name on the register the clerk of the hotel glanced at the book and handed me a note which I read with some consternation. It was hastily scrawled on hotel paper and said:

"On hot trail. Pressing it. Wait for me here. May telephone or telegraph if delayed. Dick."

I WAS crestfallen and a little jealous at the idea I might fail to get in at the finish and that Dick, as usual, would get the major portion of the glory. Still, my hopes of success revived, and the discouragement over my failure to extract any information from the negroes faded. I realized that, in dealing with colored people, Dick had me at a great disadvantage. I was tired and sore and sulkily resentful of the idea that Dick might rescue Miss Tonneson while I idled



"Is the Big Rabbit here, or coming?" Borton asked without looking up. With a crash one of the finger bowls fell to the tile floor. The grin faded from the face of the negro and was replaced by a scowl of sudden suspicion. He stood shivering as if in fright . . . and made a sign with his finger in the water spilled upon the floor.

Borton always goes by contraries. My peevishness appeared to please instead of to nettles him and he grinned exasperatingly as he threatened me with his marmalade smeared toast.

"Keep cool, Wendell Phillips," he advised. "Watch and listen and you'll see whether it is any joke. Oh George."

The call was addressed to our waiter, a good natured appearing darkey who was approaching with his perpetual deferential bow.

"Many rabbits around here, George?" Borton inquired with assumed carelessness as the finger bowls were placed before us.

"Yes, sah; yes sah; a great extravaganza ob dem, sah. Yes, sah, I specks dere's a powerful lot ob dem, Sah."

"Is the Big Rabbit here, or coming?" Borton asked without glancing up.

With a crash one of the copper finger bowls fell to the tiled floor. The grin faded from the face of the negro and was replaced with a scowl of sullen suspicion. He stood shivering as if in fright for an instant then, stopping suddenly, he made some sort of a sign with his finger in the water spilled upon the floor. I gazed at him in surprise and amazement.

"ARE you expecting the Big Rabbit soon?" Borton inquired, coolly ignoring the dropping of the finger bowl.

"Ah doan know nothin' 'bout no Big Rabbit," he muttered sullenly as he eyed Borton with evident distrust not unmixed

speaking so earnestly I realized he was not striving to revenge himself upon me for my skepticism. "I have a theory. It is so preposterous I would not tell it to anyone and expect anything but a laugh. But you must remember I was born and reared in the South, over in the black belt of Alabama, where the negroes, yes, and many of the whites, hear tales and believe in things you Northerners would laugh at as ignorant superstitions. I am not at all sure I am on the right trail, but if my theory works out I predict you will make a cross mark in the dust every time a rabbit runs across the road in front of you for the next hundred years. It may sound like a childish thing—but remember we are dealing with child minds in powerful men's bodies."

He spoke with such convincing earnestness I knew he meant it and that far from being in a mood to jest, he was in solemn earnest.

I pressed him to tell me his theory.

"NOT enough time," he said, "I'll give it to you tonight at Palatka. I must hustle. It is almost time for the Crescent to start. Don't forget the stops, and—watch for Rabbit tracks."

He grinned mischievously as he hastened away down across Bay street to board the steamer which already was sounding its first warning whistle.

Had it not been for the seriousness of the errand and the air of mystery which had clouded every move we had made I would have enjoyed that day on the St.

in the town waiting for him in helpless futility.

I was compelled to confess to myself that, half consciously, I had been calculating upon being the hero of that rescue myself and had been staging rescue scenes, with the heroine safe in my arms and the curtain descending. I reflected, disgustedly, that I might have known handsome Dick Borton would be the hero, and decided to turn in, leaving word that I was to be called the moment Borton arrived or any word came from him, then sensibly concluded a good night's sleep was the best way to assist.

For a day and a half I was left cooling my heels around the hotel, fretting and fuming over the enforced idleness, yet fearing to leave even for an hour lest some message should come from Borton and find me absent. The second afternoon, when no word had come, I tuned up the Jason and decided to run down to the Gaskill sawmill near Federal Point to see whether I could not pick up some trail independently, or at least learn something about the Major's activities in that part of Florida. I remembered that the little banker in Atlanta had seen it from the river on the journey up from Jacksonville. The mill manager, a huge black man with but one eye, informed me politely enough that Major Gaskill had visited the mill about a week before but had left, presumably returning to Atlanta. The mill, he said, had not been sawing much timber, the pine on the tract owned by Gaskill having been cut off until the output did not even justify the keeping of a tow boat.

MAJOR GASKILL, however, had informed him he was planning to secure a large run of logs soon and had ordered arrangements made to increase the working force to a double shift when he sent orders. I inquired of the man whether he knew anything of the Big Rabbit and he said he didn't know anything about that 'nigger foolishness.' He was from the North, a skilled machinist and sawyer and not in sympathy with the people of his own race in that section.

I sent that boat nearly full speed back to Palatka, hoping Borton had reappeared, but was disappointed. My anxiety and restlessness were increasing with every hour and I raged internally at Dick for running into danger alone when the wait of a few hours would have permitted us to proceed together.

The evening was a beautiful one. The full moon rose early and, after dinner I went out into the wide piazza to watch the effect of the moonlight upon the river and to smoke. I was deep in thought, striving to figure out what Borton's weird theory might be and evolve some theory of my own when I heard my name spoken. An instant later I was on my feet shaking hands with John Danforth and saying:

"Well, Dan, what brings you into this corner of the world?"

"I was thinking of asking you the same thing when I saw you sitting there dreaming," he laughed. "Come up to my room. I have the ingredients there even if this is a dry country and me a government man. I'd rather talk in private."

"Lucky thing for me, meeting you this way, Dan," I said as we ascended the stairs, "I'm badly worried and need advice."

It was a lucky turn of affairs. Two years before I had made the acquaintance of Danforth, a quiet, soft spoken little man who was engaged in the immigration secret service. He had helped me in running down several newspaper stories and

occasionally, I had been able to give him information. Thus we had become good friends. In a few minutes we were locked in his room and he was concocting a toddy with the hand of a master. It was not until he poured my drink that he renewed his query as to my business in Florida. Determined to trust him in everything and to seek his assistance I related briefly, our adventures of the last few days.

"You needn't fear me much as your rival in the detective business," I concluded, crestfallen, "I confess I'm utterly up stump until Borton returns."

THE little detective had listened almost in silence, occasionally frowning slightly or nodding his head in understanding. Two or three times he had remarked, "I don't like that." He appeared more and more serious and his brow clouded as I described what I knew of Borton's last move and showed him the note.

"Does your friend Borton know these turpentine and timber darkies?" he asked soberly.

"He knows more about them than any man in America," I said. "He seems to take them more seriously than I ever did and he will not be liable to be caught napping. He seems to think they are dangerous."

"He may get through all right if he understands what he is up against," said Danforth, puffing his cigar thoughtfully, "but I'd rather tackle the wildest cannibal tripe in Africa, than to get mixed up with a crowd of these Florida timber and turpentine negroes, especially when they can get alcohol or bootleg hooch."

He studied over the situation for some time, frowning heavily and smoking as if worried.

"I'm hired by a timber owners' association to run down a gang of log thieves. Stealing logs is so common it scarcely is noticed in this district, but one gang appears to have made organized raids and stolen millions of feet of choice timber, the best pine, without leaving a trace. The big operators are getting tired of it."

"Any clue as to the thieves?" I asked carelessly, for to tell the truth I was not thinking of Danforth's problem, but of my own.

"Not a trace. I have tried everything. The only information I have found came from a drunk. In fact I got him drunk, suspecting he knew something. He told me the Big Rabbit was gnawing the trees down."

I jumped as if he had struck me with a pin.

"The Big Rabbit?" I demanded sharply.

"Has everyone down here gone crazy?" I laughed, but the laugh did not ring true.

"What do you know about the Big Rabbit?" Danforth asked quickly.

"Nothing—only that is what Borton went after, a 'Big Rabbit.'"

Danforth suddenly started forward in his chair.

"Borton after the Big Rabbit?" he demanded, excited for the first time.

"Why the deuce didn't you tell me that? I'm afraid your friend is in worse trouble than we dreamed of. We'll be lucky if we ever see him alive."

"What is it? What is all this mystery?" I demanded, alarmed by his tone and manner as well as his words.

"No one knows excepting the negroes," he replied. "And they won't tell. It looks as if you and I will work together from now on. If we don't get some word from Borton by morning we will start in search of him—or of his body."

CHAPTER VII

Ready for the Rabbit Hunt

RESTLESS and excited, stirred to alarm because of Danforth's positive fear over what I had chosen to regard skeptically as a vague superstition, I tossed for a long time, sleepless, before finally falling into a troubled slumber.

Danforth had convinced me that there was real peril and more than ever I blamed Borton for starting the chase without waiting for me to arrive in Palatka. It must have been shortly before two o'clock in the morning when a cautious knocking on the door of my room aroused me.

Springing from bed, fully awake in an instant. I flashed on the electric light and unlocked the door.

Borton, disheveled, plastered with mud, his clothing in ruins and soaked with mud and water, reeled into the room and fell, rather than sat down in a chair.

"Help me undress, I'm all in," he mumbled, almost incoherent from utter weakness.

"Where have you been? Why did you leave me? What has happened?"

I bombarded him with questions for an instant, then seeing his pitiable condition, fell to work to tear off his soaked shoes and his matted remnants of clothing.

"You've had a terrible trip," I exclaimed, finding his body scratched and covered with blotches from the bites of insects. "What in Heaven's name, have you been up to?"

WADING through swamps, up to my chin. Swimming, fighting snakes, climbing trees." In spite of his weariness he strove to grin, but with poor success.

Seeing he was spent almost to the last ounce of his strength I desisted from questioning, dragged off the remnant of his clothing and, rolling him in a blanket, helped him onto a bed while I soaked towels in hot water, bathed him and rubbed him down with some of the whiskey Danforth had insisted upon leaving in the room in case I wanted a nightcap. A drink of the potent "moonshine" administered after the rub down revived Borton a little.

"Haven't slept since I saw you," he half whispered, "I'm all right—not hurt, only dog tired and need sleep. Got to have sleep. Leave a call so I can catch the train into Jacksonville in the morning, and don't fail to get me up. Its got to be done; and its a case of life or death. Don't ask questions. I'm too tired to talk. Tell you more in the morning."

"One question, Dick," I insisted. "Did you find them?"

"No. But I know where they are. They're safe—yet. Call me at five thirty sure. No, you can't go. I must do it myself."

He had anticipated my demand to make the trip to the city in his stead, and as I started to protest his eyes closed, his voice trailed off into a half sob and half sigh. He was sound asleep and snoring before I had finished wrapping the bed clothing around him.

I was in a fever of excitement. The idea of waking Danforth and asking his advice appealed to me but was cast aside. I waked the night clerk and impressed upon him the necessity of waking me at five o'clock and bribed one of the colored boys to stay awake until

certain he had me out of bed. Then I decided the best thing to do was to get the most sleep possible and rolled into bed, and, in spite of excitement and anxiety, fell asleep.

I WAS determined to go into Jacksonville with Borton on the morning train if he would not permit me to go in his stead. My brain kept whirling around and around over the same orbit of thought through that maze of mystery all through my troubled sleep. It seemed but a few minutes before the bell boy was hammering on my door and insisting upon earning his tip by seeing me awake and out of bed before he would desist.

Dressing hastily, I aroused Borton and, in the half light, watched his sufferings as he dragged his aching body from the bed. The short, heavy sleep had revived him somewhat although his face was drawn and haggard and he moved as if every turn of muscle was agony.

"I don't think you're able to go," I protested as I acted as his valet and assisted him in dressing.

"I've got to do it—or I would have sent you," he said, wincing with pain.

"I'd like about a week in bed but I'll get some sleep in on the train and coming out."

"Do you think I'm going to let you go alone again?" I demanded hotly.

"You'll have enough to do," he retorted, "I wish we had half a dozen more with us to help. There's plenty to do. You stay here and have the launch all tuned up and ready to make all the speed there is in her. Load her with provisions for three or four days and take plenty of extra gasoline. Get two magazine guns somewhere, and a sawed off shotgun with plenty of buckshot shells if you can. If necessary appeal to the sheriff or whoever is in charge here—but get them. Then get the oldest suit of clothes you can and some burnt cork because I want to black up and play negro for a few days. Now don't start asking fool questions. It would take hours to explain and then you wouldn't understand. But do as I tell you. I've thought it all out. I wish we had another man we could trust."

"I've got him," I responded quickly, forgetting some of the many questions that arose to my lips.

WHO is he? Can he be trusted?" snapped Borton, hastily arraying himself in clothing from our scant supply and a shirt and collar procured by the bell boy who was hanging around, eager to help, and puzzled by our behavior.

"Danforth, the little detective from the immigration bureau," I told him.

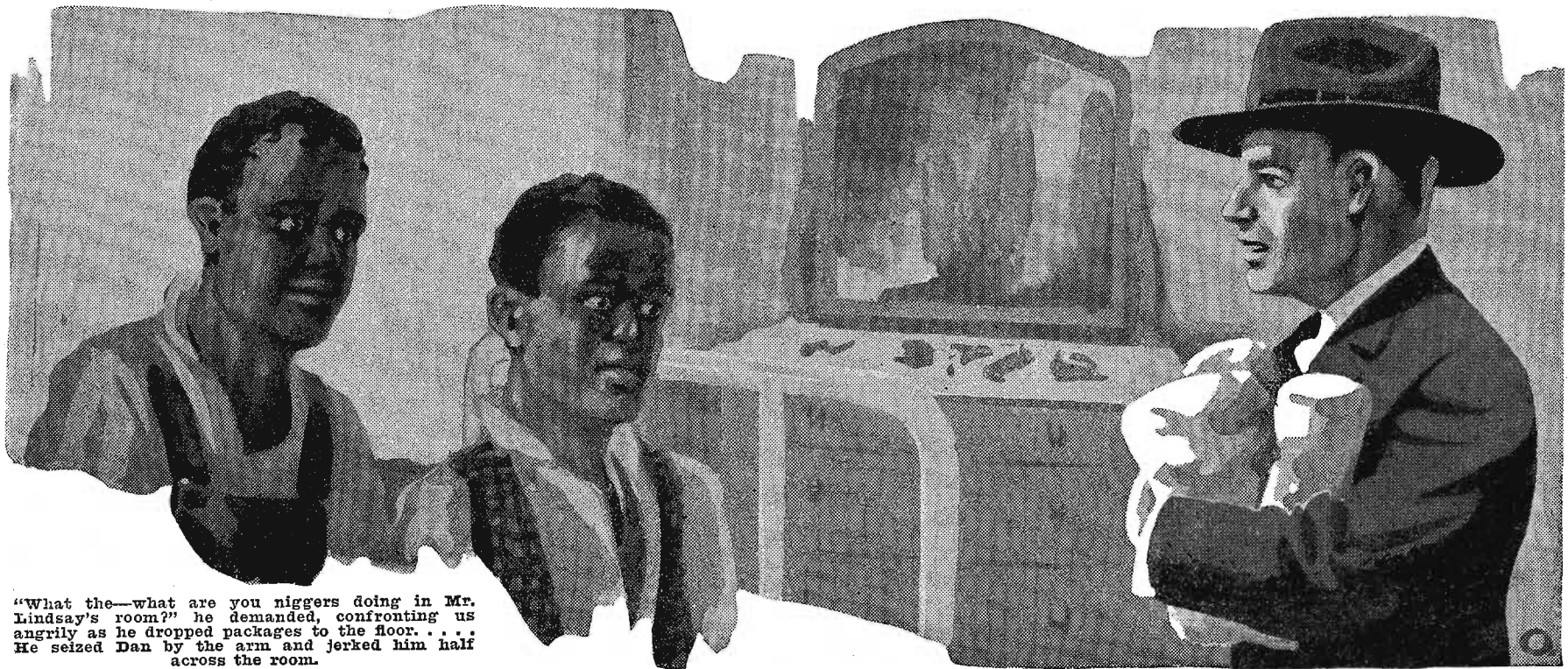
"You probably remember hearing me speak of him. He is down here on business but said last night he was willing to help and that he thought you in serious danger."

"I was," said Borton. "We'll need him. Is he game?"

"As a pebble," I vouched for Danforth. "You remember he is the fellow who took those three Hungarians out of the boat in the Lower Bay a couple of years ago when they were trying to break quarantine and brought them in in a row boat after a fight?"

"I remember him. He'll do—if he wants to join us. Tell him it may be a case of a fight against odds, but I hope

(Continued on page 28)



"What the—what are you niggers doing in Mr. Lindsay's room?" he demanded, confronting us angrily as he dropped packages to the floor. . . . He seized Dan by the arm and jerked him half across the room.

Old Man Static's Funeral

IT IS REAL Work to Bury An Aerial Seventy-Five Feet Long, But If That Work Would Remove the Static Blotches from Your Summer Reception, Would You Do It? Many People Have. Part II.

By MILO GURNEY

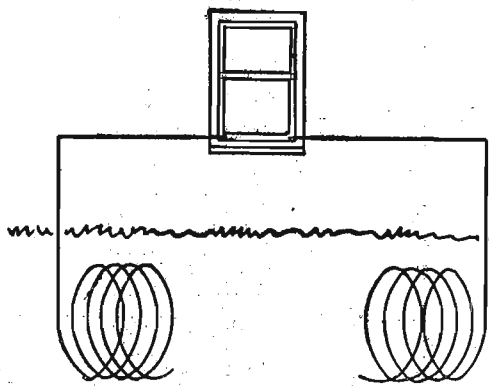


Figure 2. A variation whereby the two buried coils are inductively coupled together.

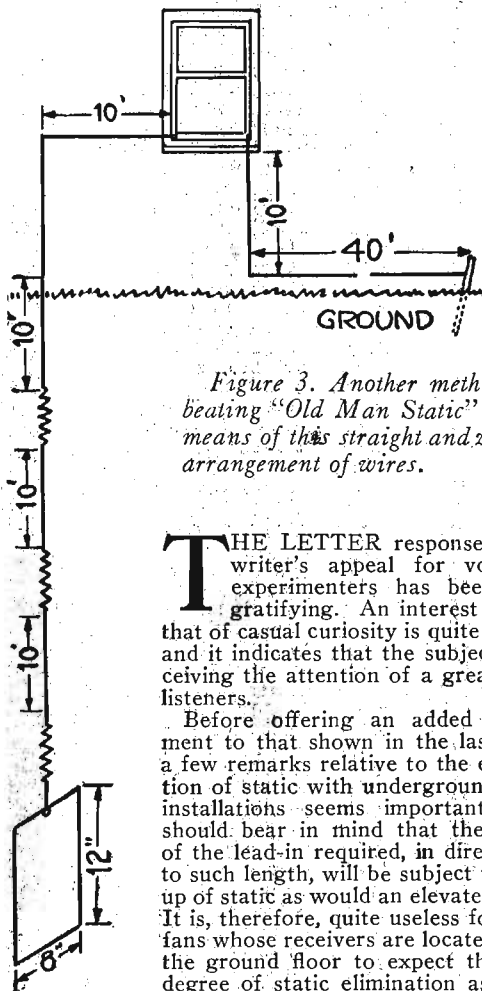


Figure 3. Another method of beating "Old Man Static" is by means of this straight and zigzag arrangement of wires.

THE LETTER response to the writer's appeal for volunteer experimenters has been most gratifying. An interest beyond that of casual curiosity is quite evident and it indicates that the subject is receiving the attention of a great many listeners.

Before offering an added experiment to that shown in the last issue, a few remarks relative to the elimination of static with underground aerial installations seems important. One should bear in mind that the length of the lead-in required, in direct ratio to such length, will be subject to pick-up of static as would an elevated aerial. It is, therefore, quite useless for those fans whose receivers are located above the ground floor to expect the same degree of static elimination as would result from locations wherein extremely short lead-in lengths above the ground are required. Another point to bear in mind is that irrespective of location, the outer earth terminal location of the antenna should be kept fairly moist, as should the ground earth connection. This in effect means that one must expect to devote some attention and care periodically to the installation.

As promised in the last article, figure 2 indicates a modification of Mr. Guyer's method of reception. No drastic change has been made other than that the axis of the coils has been changed with reference to the earth. They are now upon the same plane and inductively coupled. In working a system of this kind one avoids a purely directional effect, and the resulting coupling appears in some localities to add materially to the signal strength. In arranging such an installation various separating distances between coils and in several conditions of earth dampness were tried, with the conclusion that no fixed distance of separation can be established as best. A general review of the experiments indicates 3 to 4 feet as most desirable.

It was noted that a static reduction was to be had when the lead-in was made of lead covered cable. This cable was then grounded, a practice which brings the exposed lead-in exactly to earth potential. The third experiment, one which offered much of interest, is shown in figure 3. Here the ground lead consisted of 50 feet of number 14 insulated copper wire. From the receiver this wire was brought directly to the earth a distance of about 10 feet. It was then run in a direction at right angles to the outlet and one foot underground for the remaining distance of approximately 40 feet and grounded to a 6-foot pipe driven into the earth.

The antenna consisted of 75 feet of the same wire placed as follows. Passing through the window from the receiver it turned and ran in the opposite direction to that of the ground lead for about 10 feet, then

down to the earth and at right angles to the ground. Thus the antenna and ground leads were located at 90 degrees or a right angle to one another. Ten feet from the point where the antenna entered the ground eighteen inches deep, it was laid zigzag as shown in figure 3. The length of the folds or "zigs" was approximately 12 inches and the length of each zigzag portion was such as to use about ten feet of the wire. From this point the wire was again run for a distance of 10 feet straight when the process of zigzagging as shown in figure 3 was again repeated. Again it was continued as a straight wire for 10 feet, etc., according to figure 3, and again zigzagged. This last zigzagging consumed the remainder of the wire.

The full length of wire from the point where this antenna entered the ground, was buried approximately 18 inches deep. The final operation was that of connecting a 12 inch by 8 inch piece of 10-gauge copper sheet to the outermost end of the wire. This was securely soldered to the antenna, but before burying, was given three coats of thick shellac in order that it would be well insulated.

Figure 4 depicts the method employed for the burying of this plate, the process being that of making a strong sal ammoniac solution and into this mixing ordinary blotting paper. A sufficient quantity of the paper

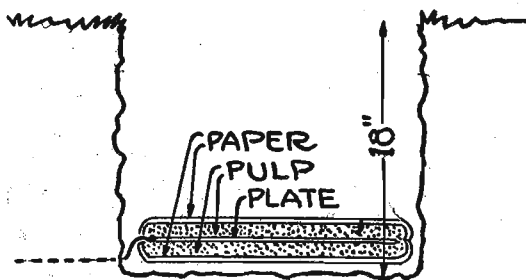


Figure 4. Here's how to bury the plate on the end of the straight-zigzag antenna.

was used so that all of the solution was absorbed and formed a pulpy mass. At the bottom of the opening for the reception of this plate was laid a small section of building paper while over it was placed a thick layer of half the putty-like sal ammoniac pulp. Next in order was laid the copper plate, while over this was placed the remainder of the pulp mixture. The whole was now covered with another sheet of building paper. Then the earth opening was filled with dirt and tamped well.

It will be apparent to those following this description that an effort was being made to secure at this final end a capacity to ground which would be as lasting as possible, and furthermore it is obvious that any other method for the securing of a near permanent condition may be employed.

This particular installation presented an unusually interesting group of experiments. With the first operation of the receiver even a novice could at once detect that the signal strength had been very materially increased while so far as could be ascertained the static level remained approximately constant with that of Mr. Guyer's first experiment. By this is meant that the total elimination of static was impossible, not only in this instance, but in all of the other attempts to get rid of it.

However, it should also be clearly understood that this and other experiments were considered as quite successful and perhaps pointing the way to a final solution. Yet, the author desires to emphasize that at no time was reception entirely free from this disturbance. There were many evenings when we were elated with the results obtained and led to believe that the research work need not continue further. On such occasions the interference was so slight that, except as a background with very weak signals, it could not be heard. Then would come an evening when the "Big Boy" who bosses the static producers would crack the whip and make them go to work with a vengeance. Upon such evenings there was no denying that the underground scheme did not make our receiver entirely immune. This effect was not that of the usual static "showers," which sound so much as rushing crackling water, but did appear as breakdowns similar to condenser overload discharges. However, at no time, with one exception, were they annoying.

A careful log was kept for a period of three weeks upon this particular installation, from which excerpts will be offered as of possible interest to the reader experimenter. As most of you will be interested in the comparative signal strength received upon the underground as against a 100-foot single copper wire aerial placed 30 feet above earth, the following will be of interest. The elevated aerial showed an average of 20 per cent more signal strength in each instance. From this it

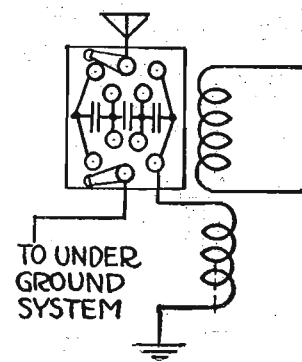


Figure 5. A selectivity switch worth making.

Something New!

MORE tricks from the bag of the experimenter, Mr. Gurney! In the next article of his series he will have a conversation with you about "horizontal" aerials. Now horizontal aerials are not merely aerials that stretch parallel with the ground for a distance, then drop down to your receiver with another wire going from the set to the ground. They are something new—entirely new—and worth "playing" with.

You'll be surprised to learn that some Radio waves prefer to travel along on a horizontal plane only. Queer, but it's true.

This article will not appear next issue, but soon. In the meantime get busy with the spade and report your buried antenna reception results to Mr. Gurney. Don't forget to tell him exactly how you have your antenna buried. Draw a rough picture to convey the idea correctly.

Someone, we don't know who, is going to discover the perfect static-free antenna, and it may be you. Let's go!

—THE EDITOR.

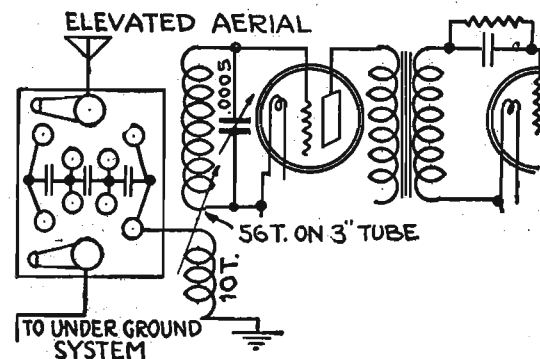


Figure 6. Here is suggested a method of coupling the input of buried antenna to your set.

is to be deduced that for extremely loud signals or distance the underground aerial suffers by comparison with the elevated, while to the contrary and in favor of the underground system, the static level was materially reduced when using the underground system. Stations which were received on the elevated aerial with a static level which practically blanked even fair reception, could be brought in on the underground system with fair volume and very little static.

(Continued on page 14)

It's Time for Spring Cleaning

WINTER PLAYS a "Dirty" Trick on Your Radio. Get on the Job with the Robin's First Note. Here Are a Few Hints on Operation and Set Maintenance for You. Part I.

By the TECHNICAL EDITOR

BEGINNING as a most healthy infant, Radio has progressed until it ranks as sixth among the great industries. Out of this wonderful development comes the need for a series of articles which will not only offer suggestions for the installation, operation and maintenance of receivers, but also the inclusion of a handy reference chart covering the usual ills which befall a set, together with methods for correcting them.

Radio receivers have now reached a stage of refinement where aerials not to exceed 100 feet in length, including the lead-in, are enough for the reception of most of the high-powered stations. Number 14 single strand enameled or otherwise insulated copper wire is to be preferred, for both the antenna and its lead-in. Insulated wire is recommended not only because its use offers less fire hazard and possibility of accidental ground contacts, but because such covering protects against early oxidization and soot accumulations, each of which evils add resistance to the circuit. Greater

spoils in direct ratio ones ability to secure successful reception over an extended period.

As this series of articles is intended not only to assist the owner of a receiver in securing maximum results from his investment, but to point the way for the proper installation of the required accessories, it is then

lightning protection, but also a desirable moisture drain.

A porcelain tube inserted through the partition for the admission of the wire going to the receiver is preferred, although the market affords several devices in the form of insulated flat strip lead-ins which are safe and acceptable. It remains as most important, irrespective of type used, that the wire leading from the receiver to the antenna lead-in connection must be soldered.

Do You Know?

LIGHTNING never strikes twice in the same place—there isn't usually anything left to strike.

Which reminds me that altogether too many users of Radio receivers use lightning arresters—after the house has burned down. Some advocate their use immediately after the receiver has had a shock and a scorching. I said some. But—

The Board of Insurance Fire Underwriters demands their use as a safeguard with each Radio receiver. The board ought to know. Of course, yours is a different house, yours is. Lightning will never strike your house except when it has lost the address of that mean man whose house it was going to strike. And—

Then you'll be sorry. So will I and also the lightning, because we all made a mistake. You will build a new house, and insist upon the installation of a lightning arrester with your Radio. Then I'll thank you and tell you something about their value and how to install them in the next issue, out June 1.

—THE TECHNICAL EDITOR.

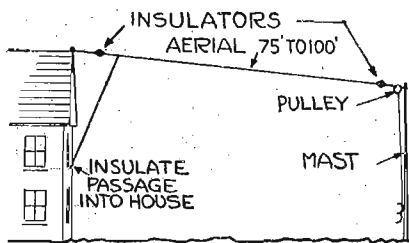


Figure 1. Typical aerial installation where mast supports one end.

aerial lengths may be used in localities known as "dead spots" in order to secure a greater signal pickup. However, the use of longer aerials not only increases the capacity, but also requires much greater care for stable installation.

Single or multiple wire aerials are in a measure directional, that is, aerials will favor the reception from stations in line with the horizontal direction in which it points. It is advisable, therefore, to consider this feature when making the installation by pointing the aerial in the direction in which the major stations you desire to receive are located.

Figure 1 pictures a satisfactory method for the in-

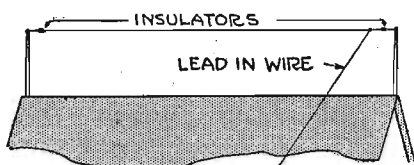


Figure 2. If there is space on the roof, such an installation is possible.

stallation of a single wire aerial in localities where the erection of a ground pole or mast is possible, while figure 2 is typical of the method which should be followed in the erection of a roof antenna where ample space is available. While it is generally known that all aerials should be well insulated from their supporting wire or masts, there remains a considerable misunderstanding relative to the type of insulator which should be used. As safety is of first importance, it is obvious that any old type of insulator will not serve.

Figure 3 shows the style which offers the greatest security. The reader's attention is called to the peculiar method used for assuring safety. Two interlocked horizontal U's form the scheme of its construction. Upon careful inspection it will be apparent that even though the insulator should break, it still remains impossible for the antenna to fall as the two wires will be looped together. While glass insulators are to be preferred, high grade porcelain is also acceptable. The size selected should be liberal. The baby type of insulator is not worthy of consideration as entirely too early after its installation its efficiency is impaired by the high resistance accumulations which provide a pathway to mischief.

While the use of insulated wire has been advised for antennas, this does not mean that bare copper wire of an equal gauge cannot be used. Except in localities where there is smoke in the atmosphere, a bare wire will serve very well. Lead-in wires must, however, be insulated and their junction with the aerials well soldered. Failure to make a secure soldered joint

most important to give a somewhat detailed description covering the proper method of bringing the lead-in into the interior of the house. Wherever possible, this junction should be made at an end of the aerial. From this point it should pass down to its point of entrance and be kept well away, say three or four feet, from the roof and walls of the building.

Two insulators must now be placed close to the opening where the wires are to go into the building, one about ten inches below this opening and the other about three inches below. (See figure 4). The lead-in should now be anchored to the lower insulator and then re-anchored to the topmost one, where it should end. A portion of the insulation adjacent to the lower anchor should be removed from the wire and a soldered tap taken off which should be connected to the lightning arrester. The ground connection to this arrester should also be of number fourteen copper wire and placed so as to go in as direct a line as possible to the earth or a water pipe to which it is to be soldered. It is well also to attach this ground wire to insulators as it passes from the arrester to the ground, in order to insure that lightning will have no leakage to the build-

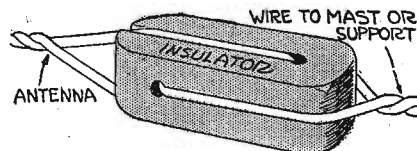


Figure 3. A "safety" type of aerial insulator which will not drop the wire.

ing. It is important to run this particular ground wire in a direct line to its ground connection. The reason is that electricity, irrespective of character, dislikes exceedingly to follow any other path than a straight line. Any interference offered by angles in the wiring can but act as chokes to retard lightning's passage and should therefore be avoided.

A further removal of the insulation from the lead-in at the topmost insulator should be made and the wire which is to pass into the house be connected and soldered at this point. In summary, we have then a lead-in installation which not only offers thorough

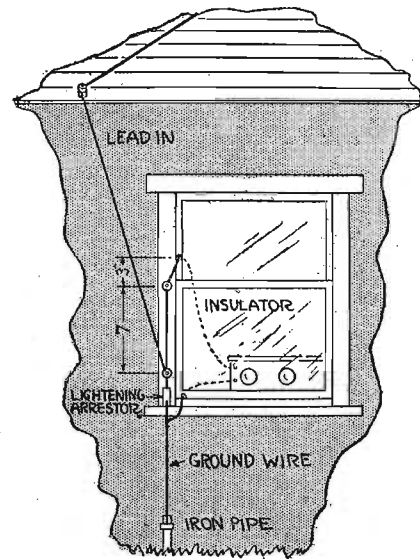


Figure 4. Showing the proper method of bringing lead-in and ground wires to lightning arrester and into house to receiving set.

The subject of "grounds," concerning the wire which runs from the receiver to an earth or ground connection, can but repeat the axiom that "No Radio receiver is any better than its ground." This is a real, wide-awake Radio truth. Grounding on hot water pipes will not do. Grounding on cold water pipes is also to be avoided if one can take advantage of securing a

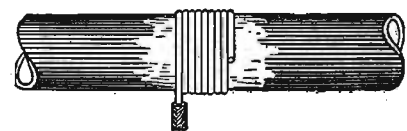


Figure 5. A good ground connection is a most important essential.

moist earth ground. Moist terra firma has many competitors, yet to date stands in a class by itself without fear of being surpassed.

Earth grounds which are satisfactory may be made by driving a six foot galvanized iron rod into the earth. The exposed end, about six inches long, should be thoroughly cleaned and the ground wire of the receiver connected to it by wrapping several turns tightly around the pipe and soldering.

Should it be impossible to secure an earth ground, the second choice is a cold water pipe. Select the one closest to the street and ahead of the water meter, and attach the ground wire after cleaning the pipe in the same manner as was suggested for attachment to the earth ground. Often, with water circulating in such a pipe it is quite impossible to solder the wire. In such cases, shut off the water supply and drain the pipe, or if this cannot be done, the scraped portion should be thoroughly wrapped with tin foil and the strap form of ground clamp attached. The ground wire is then fastened tightly to the clamp. If no ground clamp is available, the wire should be wrapped securely around the tin foil (see figure 5) and over this another layer of tin foil should be placed. This completed, the connection should be covered liberally by wrapping the whole with several layers of electrician's tape. The purpose of the tape is to act as a barrier against air reaching the electrical connection and corroding it.

(In the next article, lightning arresters and the importance of their use will be discussed, together with suggestions for the selection of the proper A and B batteries and their care. This article contains a wealth of information.—Editor's Note.)

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No. 5

Where Is the Chaos?

SEVERAL weeks ago Federal Judge Wilkerson in Chicago said the government was wrong and that the Zenith Radio corporation was not criminally liable for choosing its wave length and hours of operation. Interpretation of that decision indicates that Secretary of Commerce Herbert Hoover and his aides did not know the 1912 Radio law thoroughly or else neglected its proper application.

The old adage that ignorance of the law is no excuse seems to our minds as particularly fitting.

Whether or not 500 other broadcasting stations like the decision or not, and some of them do not, the fact remains that WJAZ was within its rights. Furthermore, the decision of Judge Wilkerson brings out dust-covered and concealed bits of the old Radio act which might have been and still may be applied to govern broadcasting partially and to refuse to license stations not engaged in the commercial communication or Radio manufacturing and experimentation businesses.

Mr. Hoover is credited by the press with statements that the federal judge's decision would mean chaos in broadcasting. We have not heard that chaos up to the time of going to press. We will go further and say that we do not expect any such Radio chaos ever to result. Frankly, we cannot understand why Mr. Hoover is attempting to scare the Radio industry in such fashion. He asks that the White bill be rushed through.

He is in favor of the White bill. At the fourth Radio conference he declared against being given too much power. Careful readers of the White bill say that this instrument continues to give him very great powers. True, a commission is provided, but its powers are not so strong.

Let us not be rushed into unfavorable legislation by this cry of "wolf." Let us carefully weigh the Dill and Borah Radio bills before we are hoodwinked into unconsciousness.

There is and will be no chaos. Only the Radio communication or manufacturing and experimenting companies now holding licenses can legally switch their waves, and only then between certain limits. But none will. They are afraid of losing the public good will—that intangible but valuable asset they set out to acquire when they started and continued to broadcast.

Read and Shake Your Head

WE HAVE just finished a book, "Pegasus," by Col. J. F. C. Fuller, an Englishman, and published by E. P. Dutton and company, New York. It deals with the problem of transportation, and of empire building and making work for the unemployed by successfully developing means of transportation.

Colonel Fuller's work is a brief but well organized and very readable text. It sets you to thinking. We recommend it most highly to those of you who are satisfied that there is such a thing as progress and that there are most effective methods of attacking a problem than is whip-sawed daily, monthly and year in and year out by the politicians in Parliament or Congress.

What relation has it to Radio and why are we discussing it? Because:

Transportation and communication grow hand in hand. The former is better with the latter than without. The author visions a possible future when the medium of one will be the medium of the other; when transportation will be by means of Radio waves in the ether; when we and our baggage, as do now our voice and music, will speed along at the rate of 186,000 miles an hour through the ether.

The vision described in the last paragraph is but a part of his book, however. The colonel delivers a far more practical message, practical in that it can be employed today, immediately, in solving the transportation problem.

We wonder how many skeptics will shake their heads in doubt after reading this editorial. If you do, don't go to a specialist. You're normal. We expect just that reaction from the mass. But genius is abnormal and will not sneer.

RADIO INDI-GEST

A Bum Steer

The Night Herd sat on the old corral fence,
Waitin' for steers to go to fifteen cents
When the weeds flew up and tickled his heel
And he fell off the fence on a banana peel.
So he said to himself, "the market I'll get,"
And went in to tune his old super-het,
But his wife was usin' the set that day
Listenin' to music from old KHJ.
And when the set he tried to take,
She combed his hair with the garden rake
And busted his back with a fryin' pan
And heaved a flat iron as out he ran.
So back he went and sat on the fence,
While the price of steers went to seven cents.
OLD KING TUTT

SHORT SHAVES

By Barbara

Yes, yes, ohhhh my, my, yes, Alloashus, Mr. Persimmon of Station OBOY is a man. Tst... Tst... Tst. Shame on you for even suggesting such a thing. Why anybody, even Mr. Persimmon, knows that one is supposed to eat cherry pie with one's knife, doesn't one? Do you? I do too. I think I'll take it up for a pastime. It seems to be so popular nowadays. Chewing tobacco, I mean.

Now kiddies, I'll tell you some real dirt. Uh, huh. Jack Pott, favorite at BLAH, is supposed to be a fine married man, but I understand he is going to leave his wife. Yes indeed, hot stuff, what? The doctor says he cannot live. Isn't that nice? But sh-h-h, don't tell anybody, 'cause I've already tipped off my favorite undertaker.

No Garlica, Vernon Velvatone is not homely, oh mercy no. He is about seven feet tall, wears number twelve shoes, has one glass eye and a wooden leg, and thin—say he's so thin he could take a bath in a bud vazz, I mean vase. His kinky, snarled hair is only mangy in spots, and his lovely, stringy mustache just reeks with halitosis. Yes, and he ties the ends of it together so prettily beneath his undershot chin. Don't you think so? Oh yes, goodness yes, I think so too. Can he roller skate? You should see Vernon massage the concrete every morning on his way home from work to visit with his darling little 226-pound wife. She's so frail, but she's not afraid to stay home alone at night because she listens to him read the ads every night and his sweet, whiskey voice, resembling a porcupine gargling ground glass and burrs, soothes her just like balloon tires.

What terrible crime would you like unearthed about your most hated soprano? Don't need to drop me a note, kiddies, because I'll unearth it anyway. BARBARA

A Wise Fan

There was a man from our town
And he was wondrous wise;
A Radio he built himself,
'Twas of a goodly size.
His Scotch friends came from everywhere
To listen in each day;
But when he charged them fifty cents,
He frightened them away.

JEAN McMICHAEL

STATUE TO "DIELECTRIC" TO BE ERECTED IN MILLER FALLS; GREAT RADIO CRICKET RECOGNIZED AT LAST; A MONUMENTAL ACHIEVEMENT

City to Honor Writer of Snappy Criticisms—Will Shoot Fiendish Third Trombone Player at Dedication—Dictionary Thrown for Loss

MILLER FALLS, N. J.—What is said to be a prime achievement is seen in the erection here of a statue to "Dielectric," arch enemy of jazz music and stirring author of "Condensed" criticisms appearing in the adjacent column.

The statue, which is of solid concrete with the exception of the head which is pure ivory, is to be placed in Schlitz Square. It shows the full length figure of "Condensed" gazing with regal contempt in the direction of the local Schlitz beer saloon, where a regenerative set nightly grinds out jazzotic strains.

One foot rests on a dictionary with the inscription, "Dictionaryum este de bunkum," which means interpreted, "I carry my own spelling." Facing the figure on bended knees is a replica of David Scaremoft, big-hearted manufacturer of Radio tubes, price \$9.50 to \$2.00, depending on competition. He is offering Dielectric a Whistlinghouse R. C. set. Several groups surround the figures. One is a band of Congo head hunters cutting down Whitman's Jazz band. Another shows Irving Berlin dragged before the Inquisition to be burned at the stake. A third group shows classical authors singing loud athenas. Fourth, and last, shows The Third Trombone Player eating humble pie on the way to the gallows.

The objection to this worthy project has been raised by a few jealous so-called humorous writers that it would not be fitting to erect a monument to a man who is not yet dead. As this is merely a question of time, it can not be held against the acceptance of such a fitting tribute.

THE THIRD TROMBONE PLAYER

FRANQUE FILOSOFEE

It's a long program that has no announcement.

INDI

News of the Week



Condensed

BY DIELECTRIC

Very much pleasure was experienced in the all too brief time allotted a string quartet in the studio of Station WSAI, Cincinnati, and it is not the easiest thing to derive pleasure when static is almost constantly interrupting. Yet their playing of some very brilliant passages in selections of a bouyant character mark that feature distinctively. The soprano soloist had no difficulty in compassing the range of that more or less famous aria from the grand opera Herodiade. However much you may tire of the soprano singer in general, at times we hear one whose voice overcomes our prejudice, or, whose conscientious effort sweeps aside the determination to tune them out.

A recent feature with none (or few) detracting elements was the singing by the Atlanta music club chorus; well-trained singers with acceptable vocal equipment. One of the numbers they offered that must have met with the approval of the majority of listeners in the Radio audience was the Beethoven minuet, sprightly and graceful throughout.

It is never a hardship to mention the work of the Formica orchestra, for they play uniformly well whatever is contained on their programs. On an evening recently, this orchestra shared attention with the Formica string quartet, the latter playing one of Schubert's beautiful melodies in a wholly entrancing manner. Other numbers were presented with the sole intent to reach approving decisions from their auditors—sometimes the end of the selection is the only goal. Station WLW, Cincinnati, broadcasts these concerts.

Station KDKA, Pittsburgh, arranged a program of selections chosen from light operas with a record of public approval. These were presented by a capable cast, whose most distinctive numbers came from the wealth of melodious material left us by Victor Herbert. So long as music of this class is enjoyed, so long will the public respond with enthusiasm to Herbert compositions.

The Mooseheart station, WJJD, is in such Radio-wise hands as to practically guarantee programs coming over with everything in their favor. This is fortunate for those who delight in the Palmer House Victoreans and symphonic players. They make music carry a message of cheer to the thousands regularly tuned to this station.

Additions to any broadcasting station entertainers are received with scepticism until they prove themselves worthy. This happy state came to the Humming Birds immediately upon their appearance before the mike in Station WGN, Chicago, studio and each time they grace the ether with their singing, many are added to the long list of admirers.

Baseball is back with us once again with all of the excitement attending the pitching contests, pill slingers' exhibitions and expert Radio observers, cataloguing of succeeding incidents through the games. Possibly no other event, certainly no other sport, can command the number of Radio listeners that make it a point to be at their sets during such afternoons as the big leaguers are on the air.

Station WOK, Chicago, recently arranged a program with variety to spare when its features included orchestra numbers, an organ recital and vocal and instrumental selections—all popular in interest, though not entirely "popular" in content. These diversified programs hold first place in the estimation of many Radio audiences.

CHARGES A.T. AND T. HIDES BEHIND N.A.B.

MUSIC COPYRIGHT BILL IS CAUSE OF WORD BATTLE

Composers' Society Declares Dill-Vestal Bill Unconstitutional and Favoring Broadcasters

By L. M. Lamm

WASHINGTON, D. C.—Charging that the American Telephone & Telegraph company is hiding behind the skirts of the National Association of Broadcasters and that it is in fact the power behind the throne, spokesmen of the American Society of Composers, Author and Publishers recently concluded their opposition to the Dill-Vestal Radio copyright bill before the joint congressional committee on patents.

Among those appearing in opposition to the bill were Gene Buck, president; John Philip Sousa, vice president; E. C. Mills, member of the executive committee, and Nathan Burkan, counsel of the American Society.

Mr. Burkan, counsel for the society, who made the concluding statement for the authors told the committee that the Dill bill is unconstitutional, and he contended that through this bill the broadcasters of the country are trying to use congress as a threat against the composers.

Burkan Hurls Bombs

The Dill bill, Mr. Burkan said, would deprive the authors of their broadcasting rights and he challenged congress to pass any legislation favoring the broadcasters. He told the committee that the American Telephone & Telegraph company has the Radio industry of the United States in its grip, and he charged that the Dill bill was not introduced in good faith. He also referred to the National Association of Broadcasters as a "fake organization."

During the course of the testimony, Senator Butler of Massachusetts, chairman of the committee, read into the record a communication from Secretary of Commerce Hoover in which the secretary denied ever having advocated any kind of a tax license on the listener, which Representative Sol Bloom of New York, a member of the committee, said the secretary had suggested several times.

Mills Makes Claims

Mr. Mills, who was referred to at former hearings as a member of the triumvirate of the American Society, told the committee of the work and organization of the society, and said that it had no secrets from either the public or its members.

He claimed that when Radio became popular the sales of sheet music declined materially. He said further that in his opinion Radio will drive the phonograph companies out of business eventually. Without the music, Mr. Mills said, broadcasting stations would be inarticulate. He admitted, during the course of his testimony, that the American Society, had first charged WEAf, New York, a license fee of \$500, that it had been raised to \$2,500, and that it is now being asked to pay \$25,000.

New Chain to Pick-up Atlantic City's Best

WPG, WIP, WCAE, WMAF and WGBS Form Link for Summer

ATLANTIC CITY, N. J.—One of the most important moves in eastern broadcasting will take place early in June, when five large stations, WPG of Atlantic City, WIP of Philadelphia, WCAE of Pittsburgh, WMAF of South Dartmouth, Mass., and WGBS of New York, will form a chain to broadcast features from Atlantic City.

The first program will be put on June 12.

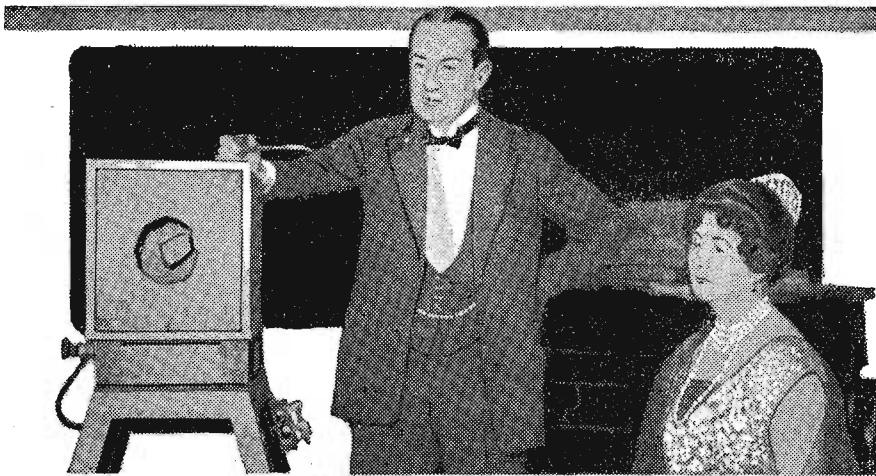
For three years WIP has broadcast from Steel Pier in Atlantic City. Now, with WPG, the municipal stations of the seashore resort, in the field, and controlling a large number of features, WIP has linked up with this station, and both are building a magnificent joint studio on Steel Pier.

Edward A. Davies, director of WIP, announced that five internationally known bands will be broadcast through the chain. They include the Goldman band, Sousa's, Conway's, Creators and a musical organization from Chicago.

Powerful Spanish Station

LONDON.—The new Barcelona broadcasting station, EAJL, on top of Tibidabo, 1,745 feet high, and the loftiest hill in the vicinity of the Catalonian capital, has just been completed. It has a wave length of 325 meters. The station is the most powerful in Spain, and one of the most powerful in Europe.

PREMIER BALDWIN TAKES COMMAND



When the British general labor strike took effect several weeks ago in England, Premier Baldwin stepped to the fore and took command of everything including broadcasting. Under his direction broadcasting was continued but strike propaganda was not allowed to go over the air. The above picture shows the premier and his wife in the studio of 2LO, London, just after he had assumed control.

Radio Club Notes

A man who has done much to relieve the interference from Cottrell ore precipitators in the vicinity of Butte, Montana, was the guest of Radio Digest recently. Fond mothers now and then have a mania for tacking on names to regular fellows which don't quite fit. Why Mrs. Wileson picked on the name Abner for her son, now with the Montana Electric Co., when Jack or Buck or some regular "he" name would fit him better is beyond us.

Evansville, Ind., Radio dealers are digging down in their pockets to help establish a sinking fund for the Evansville Radio listeners' club. Money seems to be an essential and helping with their dollars to clear the air is good work.

Experiments being made with a device designed by A. D. Eberly, interference expert of the Spokane, Wash., Radio Listeners' association, may point the way to the elimination of interference from the operation of street cars. Announcement of the decision of the Spokane United Railways to extend the tests made during the past several weeks was made recently by R. A. Willson, superintendent.

"One car has been equipped with Mr. Eberly's device and while the experiments have not been sufficient to arrive at a definite decision the results look promising," Mr. Willson said after studying the report on the tests. "We are now equipping three more cars with the device and as soon as enough devices are delivered, will equip all the cars on one line, to continue the tests. However, we cannot tell how satisfactorily the devices are until tests on more cars have been made."

Dr. C. Hale Kimble, president of the listeners' association, declared that if Mr. Eberly's device is successful and is adopted, it will result in solution of a

large part of the general interference problem.

Owen A. Davis, secretary of the Zanesville, Ohio, Radio club, advises that the activities of the club will not only follow the usual efforts toward the elimination of interference but also include the employment of a "Trouble Shooter."

While on the above subject, may the editor suggest that each member of a Radio club should first look into his own "glass house" and learn to tune his receiver so as not to cause annoying interference for others who are equally anxious to "get that program."

WOMEN TAKE HONORS IN ONE TUBE SET TEST

Win Three Prizes Offered by Crosley Radio Corporation

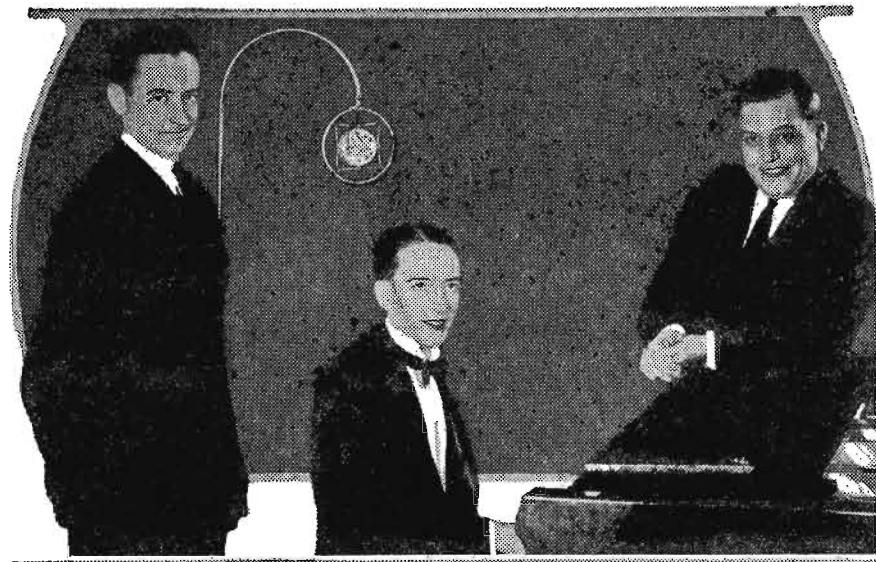
CINCINNATI.—First, second and third prizes in the January section of the one-tube Radio contest conducted by the Crosley Radio corporation, were recently awarded to feminine fans, whose letters on reception were adjudged to be the best of the hundreds received.

Winner of the special money grand prize in the reception contest will be announced soon. Powel Crosley, Jr., donated several valuable prizes, the first one being \$1,000 for the best report of reception with any one tube receiver, either home or factory built. The other prizes were six valuable pedigreed police dog puppies and several receiving sets.

Florence E. Beam, Box 208, Willock, Pa., won first prize for the month of January, one of "Deeka's" puppies. This puppy's father, "Deeka," is a famous police dog which has traced many criminals.

Radio receivers were won by Clara Bell McCaslin of Franklin, Ind., and Mrs. L. V. Tangeman, 7029 South Chicago ave., Chicago.

SNODGRASS AND WITTEN AT MIKE



Although not heard on the air as often as several years ago when this famous pair were heard almost nightly from WOS, Jefferson City, Mo., Harry Snodgrass, "King of the Ivories," and J. M. Witten, his announcer, now and then make their way to a microphone in some city where their travels may take them. The team is still engaged in vandeille. Photo, taken in WREO studios, at Lansing, Mich., shows, left to right, Witten, Snodgrass and Earl Kolbeck, a soloist.

LENGTHEN, IMPROVE A.K. CONCERT SERIES

ATWATER KENT REWARDS APPLAUSE WITH ENCORE

Summer Not to Interrupt—WEAF Chain Features Also to Continue as During Winter

NEW YORK.—The public's appreciation of the Atwater Kent hour of good music has made its continuance throughout the summer and further extension in the fall Mr. Kent's announced policy. During the summer months the weekly Sunday concerts will be of a lighter type and occupy but one-half hour. Originally it had not been planned to run the series of concerts through the summer, but the feature has met with such widespread approval that discontinuance was not even considered.

The summer concerts begin at 9:15 Eastern daylight savings time, 8:15 Central daylight saving or Eastern Standard, and 7:15 Central Standard time. They are broadcast by WEAf, WEEL, WSAI, WCAP, WCCO, WGN, WGR, and WWJ.

Greater Stars Will Appear

The closing winter series concert broadcast May 2 marked the appearance before the microphone of the most distinguished group of opera and concert artists ever assembled in a studio for a single evening. This was made possible by the recent signing of a new and more liberal agreement with the Metropolitan Opera company. The new agreement, Mr. Kent states, will allow him next season to present an even greater number of the famous artists of the world through his Sunday evening Radio concerts. While he has presented some of the most noted musical artists, Mr. Kent has been prevented hitherto from broadcasting other famous stars because of rigid contracts the Metropolitan Opera company had with them for their exclusive services.

WEAF to Give Goldman Concerts

Coincident with the statement of the new Atwater Kent policy comes word that the majority of WEAf's chain features will continue without interruption throughout the summer. In addition, arrangements have just been completed to broadcast again the popular Goldman band concert series direct from New York university through WEAf, beginning on June 14.

All regular chain programs, with the exception of the A. & P. Gypsies, Davis Saxophone octet, Happiness Boys and the Whittall Anglo-Persians, have definitely announced their plans to broadcast all summer long. The remaining four features, no doubt, will make plans to continue also.

KOA TO PRESERVE 'OUT WEST' MUSIC

Mile-High Station Prepares for Denver Music Week Festival in May

DENVER.—Primitive and modern music which preserves the spirit of "Out West," will be one of the unique Radio attractions, it is announced, when Denver's gigantic music week festival is broadcast by KOA, the mile-high station of the General Electric chain beginning Sunday, May 16.

"This ethereal menu embraces a host of unpublished songs which were taken down from oral recitations," declares Ralph Freese, of the Denver announcing staff, who is organizing this program.

"Introductory features will be music of the earliest Indian tribes in both the Northwest and Southwest," he continued. "This includes rampage songs of the ber of Indian hymns which were sung to painted and plumed warriors, and a number of the gods of rain and sunshine."

Music week broadcasts over KOA's channels include more than 100 events, it is said, lasting over a period of eight days. Taking part will be musical organizations of more than thirty-five western cities.

Beg Your Pardon

In the first May issue of Radio Digest among the group of "Step On the Stairs" player pictures, the photograph of Miss Betty Sowell of the WOAf Players, Omaha, was said to be the picture of Miss Betty Lowell of KOA, Denver. Radio Digest wishes to beg the pardon of Miss Sowell, of WOAf, for this error.

KFWI, San Francisco, has recently verified its reception in Paris, France, on the night of April 11, 1926.

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

Table with columns: Call, Location, Met., Saturday, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday. Lists various radio stations and their broadcast schedules.

Table with columns: Call, Location, Met., Saturday, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday. Continuation of radio station schedule.

STATIONS IN ORDER OF WAVE LENGTHS

Table with columns: Meters, Call, Meters, Call, Meters, Call, Meters, Call, Meters, Call, Meters, Call. Lists stations ordered by wavelength.

SHORT WAVES

By Marcella

(Continued from page 2)

over KYW every Tuesday and Thursday night between 9:30 and 11 Central time. I don't know who is doing the 6 a. m. announcing at WFSA but have written to learn. Incidentally, Tommy Malie and Jimmy Steiger are also on KYW at the same time. It's a good program. Eddie and Fanny are also doing quite a bit of vaudeville work.

"Big Bad Bill" Goodrich, of Missouri Valley, Ia., piano pounder and warbler at WOAW, is called what he is because he is anything but. This in answer to Elizabeth Ann, Jeanette, et al. Description; height, 5 feet 8 inches; weight, about 150 pounds; eyes, brown; hair, brown; degree of pulchritude, good looking; hobbies, motion pictures and Jack Little's trills; personality, plus; matrimonial condition, single. I'm sure he didn't mean to swear, but most men will occasionally, you know, Elizabeth.

Has Graham McNamee a family? Only a charming wife, Kay-tee. Harold Isbell is married to a very good looking wife whom he adores deeply. He is good looking, has curly black hair and is a neat dresser. For the benefit of G. W., I will add that Mr. Isbell has taken leave of KYW and gone back to Los Angeles, this time to work for KNX. Herbie Mintz may be heard on WENR's afternoon programs. These he directs.

PAGING: Coleman Getts, once at WTAS, Elgin; Vernon Buck, singer for Witmark at one time; Joe White, tenor, who about two years ago was singing over WFAA and WOR. Any late news about the gentlemen will be greatly appreciated by your humble servant.

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

OLD STATIC'S FUNERAL

(Continued from page 10)

The composite result was such as to make your choice of aerials quite that of "Hobson." In other words, with the elevated system, both static and extreme volume was to be had; with the underground, diminished volume and a pleasing absence of annoying static or disrupting discharge effects were obtained.

One experiment used with this installation which assisted in the determination of the relative values of each antenna, was the insertion with a multiple tap switch of three .00025 mfd. fixed condensers in the aerial lead-in wire to the receiver. This was so arranged that either the elevated aerial or the underground system could be brought into this switching arrangement and made to pass through either one, two or the three of the fixed condensers in series. After a fashion this was equivalent to changing the fundamental of the aerial in use. From this arrangement it was passed on to a 10-turn primary coil (or directly to the aerial binding post) which was placed upon a rotor within the secondary input to the first tube and made variable.

The combination of the two resulted in securing not only the desired selectivity but control of the received energy. The scheme is shown in figure 5 while figure 6 gives the values which were used. This plan is not offered as new, yet the writer believes that many have not seen or used it. Hence it is offered not only as a most practical scheme but one which would materially improve the selectivity of a great many receivers irrespective of the kind of aerial with which they are used.

In order that many of you may have an opportunity to determine results with the underground system shown, the next article of this series will discuss and offer a type or several types of the so-called horizontal aerial.

There has been very little research work done with such receptors. That reported to the writer's knowledge only covers short wave reception and transmission of the 40 to 100-meter class. Suggestions covering reception upon the underground, semi-underground and elevated horizontal types.

The field offers so much of interest and yet possesses so little which may be used as precedent that it is hoped the matter presented will serve as the nucleus for much added constructive experimentation.

In closing, the author wishes to state that through an error the underground aerial system shown in the first May issue was credited to Mr. Guyer. Radio Digest is pleased to apologize to Mr. Edward Jones, of New Orleans, who was the originator of and holds a patent covering this idea.

(Horizontal aerials will be described by Mr. Gurney in his next article which, however, will not appear next issue. In the interim, we suggest that readers experiment with the buried antenna and make known to the author the results of their work.—Editor's Note.)

BETTY'S SCHOOL ENDS FOR SUMMER PERIOD

HOME EXPERT WILL PROBABLY BE ON AIR IN FALL

Mail Reveals Wide and Varied Audience of Gold Medal Talks—Queer Incidents Related

Have you heard, and do you regularly listen for Betty Crocker's Radio talks? Miss Crocker is nationally known as a home food specialist who is broadcasting from a dozen of the country's largest stations. By special arrangement Radio Digest has secured a series of exclusive articles by Miss Crocker dealing with her current Radio talks. These broadcasts are made through WEEL, WEAF, WCAE, WGR, WEAR, WWJ, WDAF, WJAR, WHT, WFL, KSD, KFI, and WCCO, the Gold Medal station at Minneapolis-St. Paul. All of Miss Crocker's recipes and discussions are based upon actual investigations and work of herself and her assistants in model kitchens.—Editor's Note.

By Betty Crocker

FOR the past five months I have had the privilege of talking to you through the medium of the Radio Digest, as well as from thirteen of the larger broadcasting stations in the United States. On May 14, I broadcast my last talk of the season, and consequently this is my final article for my friends among readers of the Radio Digest. I hope, however, that I can meet with you either over the air or through this publication again next fall. My plans have not been definitely arranged as yet for next year, and for that reason I cannot commit myself.

Whether I continue with these articles and my Radio talks will depend a good deal on an investigation of mail I have received during the past year in an effort to determine whether or not my talks may have been of real assistance to you. While the lecturer, actor or concert singer may meet many of his or her audience personally, we of the Radio must get our applause via Uncle Sam's mail.

Even Young Lad Enrolls

I have been very happy over the letters you have sent me. Some of the readers of the Radio Digest who were not in territories covered by my broadcasting have even sent me samples of dishes they have prepared from my recipes, as well as suggestions which have been of great assistance to me in my work. I assure you that I appreciated them all. I wish I had the time and the space

KYW WOMEN'S HOUR INCLUDES MUSICALS

CHICAGO.—Many items of much interest to women, may be tuned in on the "Women's Hour," from 3 to 4 p. m., Central time, each Friday afternoon, from Westinghouse Station KYW. The "Women's Hour" is a broadcast inaugurated some time ago by KYW and includes an assembly of afternoon music, intended to entertain afternoon visitors in the home, as well as other subjects of particular interest to women.

Miss Mary Casey, who is the announcer and conductor of this broadcast, has several well-known Radio personalities on her staff, including Mrs. Anna J. Peterson whose "Table Talks" have become a recognized institution, and John C. Cutting, the "Uncle John" of KYW, who has for some time been broadcasting a daily description of the proper handling of steaks and chops.

to tell you of all the interesting letters I have received. I would like to cite a few which came recently. A little twelve-year-old boy in Pennsylvania wrote me that he had enrolled for one of the cooking schools despite the fact that one of his boy friends called him a "sissy." He said that he advised the other youngster that if he would learn to cook, he would not have to run around to the neighbors' houses to find his mother when he wanted dinner. He asserted that it was nothing to be ashamed of for a boy to know how to cook.

Invalid Makes All Dishes

A woman in Connecticut wrote me that she had made all of the recipes which I had given out, from a wheel chair, and I am happy to say that she qualified to receive a diploma in our third cooking school.

A new type of Radio party was originated by a friend of mine in Kansas City, Mo. She planned what she called a Betty Crocker dinner for her friends. The invitation consisted of calling each of the guests-to-be on the telephone and then blowing into the phone as they removed the receiver. She then asked, "Hello, did you get that? Well, it was air. It was an invitation for yourself and husband to an Air Dinner to be given on such and such a date." I was particularly gratified with a re-

"Sunshine Lady" Leads Farmerkinites in Song

WKAR Joy Spreader Has Loyal Following of Children

Smile, smile, a sunny smile.
Smiling all together makes
sunny weather
Smile, smile, a sunny smile—
Smiling merry sunshine band.

EAST LANSING, Mich.—This is the song of the Sunshine Lady of Station WKAR, located at Michigan State college here, who broadcasts her "Farmerkin" stories to boys and girls of Michigan and other states every Monday evening from 7 to 7:15 o'clock, Eastern Standard time.

The Sunshine song is a parody on "Hail, Hail, the Gang's All Here," and it is one of the many songs and poems that have made her popular with her child listeners.

Last fall Mrs. Stockman began telling bedtime stories over the Radio. She calls them "Farmerkin" stories. They so delighted the children that they are writing her from all over Michigan and telling her how much they enjoy her programs.

port from a young married woman in Massachusetts. Before her marriage, she said, she was a professional woman to whom cooking and housekeeping in general seemed a very lowly duty. Marriage, she said, did not change her views. Instead of taking pleasure in her work at home, she longed to be out "doing something." Last fall, she said, she began to listen to my Radio talks and to try the recipes. She had good results, became interested, and now says that when she is out with a group of women she can talk recipes, cooking, and homework as enthusiastically as any of them.

Man Turns Cook; Surprises Wife

All of my mail, however, did not come from the gentler sex. A man in Wausau, N. Y., wrote me that while confined to his home with gripe recently he tuned in on the Radio just in time to hear me giving a recipe for Orange Cake. His wife was downtown, so he decided to copy the directions. He became so interested in it, he said, that he determined to try his hand at baking, something he had never attempted before in his life. When his wife came home, he said she

APPLY EARLY FOR "MISS RADIO" JOB

Annual Search of Radio World's Fair for Air Queen Is Now on

NEW YORK.—Who is "Miss Radio 1926"? The title and accompanying honors will go to the feminine fan who sends to the Radio World's Fair the most interesting account of her experiences in listening in, together with her opinion as to how broadcasting might best serve the interests of the women of America. A log of stations received should also be submitted.

Last year the silver cup emblematic of highest honors in the Miss Radio contest was won by Rena Jane Frew, a college girl of Beaver, Pa., who had taught Radio to youths in the high school of her city. Hundreds of letters were received testifying to the tremendous interest in Radio displayed by women.

Entries in the competition should be sent, before August 15, to G. Clayton Irwin, Jr., of the Radio World's Fair, 1475 Broadway, New York city.

The winner will be announced a week later and will be guest of honor at the opening of the fair on September 13. Cups will also be given to second and third prize winners.

was very much surprised to find a nice orange cake awaiting her, and he declares that if he ever decides to become a cook, he will take his instructions over the Radio.

My letters have come from women of all ages and classes, from invalids, from the blind, women in the cities, and women on the farms. Even the wife of one lighthouse keeper on the Atlantic coast has been one of my listeners.

In all of my talks and recipes I have tried to give you something practical, economical, and useful. Many of my most successful recipes have been developed from the suggestions sent in to me by the listeners to my Radio talks and the readers of this publication.

As I said before, I cannot state definitely what the plans for next year will be, but I surely hope that I will have the privilege of talking to you and writing for you again. If you have not written me before, I will certainly be glad to get at least a card from you.

WOMEN'S PROGRAMS INDEX

Saturday			
Atlantic	Eastern	Central	Mountain Pacific
10:30 a.m. 9:30	8:30	7:30	6:30
WWJ (352.7m-850kc), Tonight's dinner.			
12 n.	10	9	8
WEAO (293.9m-1020kc), Housekeepers' half hour.			
WEAR (389.4m-770kc), Home service talk.			
WHT (399.8m-750kc), Women's club, Jean Sargent.			
WGN (302.8m-990kc), Household hints.			
WQJ (447.5m-670kc), Home Economics program; May 15, "Salads from Sunny Lands."			
12:30 p.m. 11:30	10:30	9:30	8:30
WGN (302.8m-990kc), Home Management period.			
12:35	11:35	10:35	9:35
KYW (535.4m-560kc), Table talk.			
2	1	1	10
KGW (491.5m-610kc), Household helps, shopping guide.			
KMA (252m-1190kc), Domestic science topics.			
2:20	1:20	12:20	11:20
WGBF (236.1m-1270kc), Garden talk.			
3	5	3	2
KMOX (280.2m-1190kc), Housewives' hour.			
Monday			
10:30 a.m. 9:30	8:30	7:30	6:30
WWJ (352.7m-850kc), Tonight's dinner.			
10:45	9:45	8:45	7:45
WTAG (268m-1120kc), Marjorie Woodman, nurse.			
11:50	10:50	9:50	8:50
WMC (499.7m-600kc), Home economics discussion, Miss Kitty.			
12 n.	11	10	9
WEAO (293.9m-1020kc), Housekeepers' half hour.			
WEAR (389.4m-770kc), Home service talk.			
WHT (399.8m-750kc), Women's club, Jean Sargent.			
WQJ (447.5m-670kc), Home economics program, May 17, "The Mysterious Mushroom." "Use and Cultivation of the Domestic Mushroom."			
WWSW (275.9m-1090kc), Style shop.			
12:30 p.m. 11:30	10:30	9:30	8:30
WEBB (370.2m-810kc), Fashion and household talks.			
WGBF (236.1m-1270kc), "Swans Down" cake lessons.			
WGN (302.8m-990kc), Home Management period.			
WTC (475.9m-630kc), Housewife's forum.			
12:35	11:35	10:35	9:35
KYW (535.4m-560kc), Table talk.			
1:45	12:45	11:45	10:45
KGW (491.5m-610kc), Household helps.			
2	1	1	10
WSOE (245.8m-1220kc), Ladies' hour.			
2:20	1:20	12:20	11:20
WGBF (236.1m-1270kc), Garden talk.			
2:30	1:30	12:30	11:30
WGY (379.5m-790kc), Cooking lesson, Jessie Lane.			
3:30	2:30	1:30	12:30
KFNF (263m-1140kc), Mothers' hour.			
4	3	2	12 n.
WCO (416.4m-720kc), Women's hour.			
WSOE (245.8m-1220kc), Cooking chats.			
WIP (508.2m-590kc), Market hints for housewives.			
WJZ (454.3m-660kc), "Your Daily Menu."			
WQJ (447.5m-670kc), May 17, "The Care of the Hair and Skin." "Why Husbands Leave Home."			
4:15	3:15	2:15	1:15
WJZ (454.3m-660kc), May 17, Flower Making course.			
4:25	3:25	2:25	1:25
WJZ (454.3m-660kc), Shopping service.			
5	4	3	2
WOC (483.6m-620kc), Home management schedule, Aunt Jane.			
5:15	4:15	3:15	2:15
KYW (535.4m-560kc), Meat talk, John Cutting.			
6	5	4	3
KMOX (280.2m-1070kc), Housewives' hour.			
WRC (468.5m-640kc), Housekeepers' half hour.			

Tuesday			
Atlantic	Eastern	Central	Mountain Pacific
10 a.m.	9	8	6
WIP (508.2m-590kc), Menu, Anna Scott.			
10:30	9:30	8:30	7:30
WWJ (352.7m-850kc), Tonight's dinner.			
11	10	9	7
KDKA (309.1m-970kc), Domestic Science, Arts for the Housewife.			
12 n.	11	10	9
WEAO (293.9m-1020kc), Housekeepers' half hour.			
WEAR (389.4m-770kc), Home service talk.			
WHT (399.8m-750kc), Women's club, Jean Sargent.			
WMC (499.7m-600kc), Home Makers' hour.			
WQJ (447.5m-670kc), Home economics, May 18, "Do You Appreciate American Styles?" "Time Savers in the Home." Pep exercises.			
12:30 p.m. 11:30	10:30	9:30	8:30
WEBB (370.2m-810kc), Fashion and household talks.			
WOI (270.1m-1110kc), May 18, "The Art of Hospitality." "Choosing Materials for Summer Wear."			
WGN (302.8m-990kc), Home Management period.			
2	1	1	10
KGW (491.5m-610kc), Household Helps, shopping guide.			
WGBF (236.1m-1270kc), Garden talk.			
3	2	1	11
WGY (379.5m-790kc), Women's club.			
4	3	2	12 n.
WIP (508.2m-590kc), Menu talk.			
WJZ (454.3m-660kc), "Your Daily Menu," Mrs. J. Heath.			
WQJ (447.5m-670kc), May 18, "Home Economics." "Short Cuts in Cooking."			
4:15	3:15	2:15	1:15
WHO (526m-570kc), Recipes, household hints.			
WJZ (454.3m-660kc), May 18, "A Beautiful Skin."			
4:25	3:25	2:25	1:25
WJZ (454.3m-660kc), "How to Grow Prize Dahlias."			
4:30	3:30	2:30	1:30
WLIT (394.5m-760kc), Household helps and hints.			
5	4	3	2
WOC (483.6m-620kc), Home management schedule.			
5	4	3	2
KMOX (280.2m-1070kc), Housewives' hour.			
6:30	5:30	4:30	3:30
KOA (322.4m-930kc), Housewives' matinee.			
7:15	6:15	5:15	4:15
KOA (322.4m-930kc), Culinary hints, Clara Hoover.			
7:45	6:45	5:45	4:45
WPG (299.8m-1000kc), Fashion Flashes.			
9:30	8:30	7:30	6:30
KGO (361.2m-830kc), As a Woman Thinker.			
Wednesday			
10:30 a.m. 9:30	8:30	7:30	6:30
WWJ (352.7m-850kc), Tonight's dinner.			

Thursday			
Atlantic	Eastern	Central	Mountain Pacific
10:45 p.m. 9:45	8:45	7:45	6:45
WTAG (268m-1120kc), Talk to Housewives, Mrs. Lydia Flendera.			
12 n.	11	10	9
WEAO (293.9m-1020kc), Housekeepers' half hour.			
WHT (399.8m-750kc), Women's club, Jean Sargent.			
WQJ (447.5m-670kc), Home Economics program, May 19, "Child Welfare Talk." Friday Fish dinner menu.			
12:30 p.m. 11:30	10:30	9:30	8:30
WEBB (370.2m-810kc), Fashion and Household talks.			
WGBF (236.1m-1270kc), "Swans Down" Cake lessons.			
WGN (302.8m-990kc), Household management period.			
12:35	11:35	10:35	9:35
KYW (535.4m-560kc), Table talk.			
1:45	12:45	11:45	10:45
KGW (491.5m-610kc), Household Helps, shopping guide.			
2:20	1:20	12:20	11:20
WGBF (236.1m-1270kc), Garden talk.			
4	3	2	12 n.
WCO (416.4m-720kc), Woman's hour.			
WJZ (454.3m-660kc), "Your Daily Menu."			
WLW (422.3m-710kc), Cooking school.			
WQJ (447.5m-670kc), Home Economics.			
5	4	3	2
WMAQ (447.5m-670kc), Recipes.			
WOC (483.6m-620kc), Home management schedule, Aunt Jane.			
6	5	4	3
KMOX (270.2m-1070kc), Housewives' hour.			
KOAC (280.2m-1070kc), Housekeepers' half hour.			
WRC (468.5m-640kc), Housekeepers' half hour.			
7	6	5	4
KGO (361.2m-830kc), "Hints for Housekeeper."			
8	7	6	5
KLX (508.2m-590kc), Woman's hour.			
KMA (252m-1190kc), Domestic science talk.			
11:30	10:30	9:30	8:30
KOAC (280.2m-1070kc), May 19, "The Fourth R in Education." May 20, "The World Wide Movement in Home Economics."			
11:45	10:45	9:45	8:45
KOAC (280.2m-1070kc), May 20, "Safety in Food Canning."			
Friday			
10:30 a.m. 9:30	8:30	7:30	6:30
WWJ (352.7m-850kc), Tonight's dinner.			
11	10	9	8
KDKA (309.1m-970kc), Domestic science and Arts for the Housewife.			
12 n.	11	10	9
WEAO (293.9m-1020kc), Housekeepers' half hour.			
WHT (399.8m-750kc), Women's club, Jean Sargent.			
WQJ (447.5m-670kc), Sunday dinner menu.			
12:15 p.m. 11:15	10:15	9:15	8:15
KYW (535.4m-560kc), Meat talk.			
12:30	11:30	10:30	9:30
WEBB (370.2m-810kc), Household and fashion talks.			
WGBF (236.1m-1270kc), "Swans Down" Cake lessons.			
WGN (302.8m-990kc), Home Management period.			
12:35	11:35	10:35	9:35
KYW (535.4m-560kc), Table talk.			
1:45	12:45	11:45	10:45
KGW (491.5m-610kc), Household helps.			
2:20	1:20	12:20	11:20
WGBF (236.1m-1270kc), Garden talk.			
2:45	1:45	12:45	11:45
WOAW (526m-570kc), Sunshine Sunday dinner menu.			
4	3	2	1
WJZ (454.3m-660kc), "Your Daily Menu," Mrs. J. Heath.			
4:15	3:15	2:15	1:15
WQJ (447.5m-670kc), Home Economics, May 21, "Frozen Dainties for the Warmer Weather in Your Electric Refrigerator." "The Control of Light."			
4:25	3:25	2:25	1:25
WJZ (454.3m-660kc), "Solving Candy Problems."			
5	4	3	2
KYW (535.4m-560kc), Woman's hour.			
WOC (483.6m-620kc), Home Management, Aunt Jane.			
5:15	4:15	3:15	2:15
WMAQ (447.5m-670kc), Recipes, household hints.			
5:30	4:30	3:30	2:30
WFAA (475.9m-630kc), Homemakers program.			
WMAQ (447.5m-670kc), Fables of the Moment.			
6:30	5:30	4:30	3:30
KOA (32			

MADAME CLEMENT RETURNS TO WTIC



Garden expert of the U. S. Department of Agriculture is W. R. Beatti, above. To listeners interested in gardens, his articles under the name of Uncle Bert are read from stations all over the United States. He is shown here facing one of the Washington microphones. To the right is Ruth Paterson, prima donna soprano, formerly of Chicago. Her charming personality is now enjoyed through KPRC, Houston.

Lingeman entertainers; 7:45, Goodwill Oakland; 9, Paige and Jewett Sixes; 11:30, Merry Old Chief.

WKRC, Cincinnati, Ohio (325.9m-920ke), 6 p. m., Alvin Roehr and his Hotel Aims orchestra; 8, Eugene Perazzo, pianist; 8:20, Cincinnati public school program; 9, program, Robert E. Bentley Post; 12, Erwin Read's Garden.

WLW, Cincinnati, Ohio (422.3m-710ke), 7 p. m., dinner concert, Hotel Gibson Florentine room; 7:30, theatrical feature; 8, Crosley Little symphony orchestra; 10, dance music, Castle Farm; 10:30, Crosley midnight serenaders.

WOOD, Grand Rapids, Mich. (241.8m-1240ke), 9-10

WDAF, Kansas City, Mo. (365.6m-820ke), 6-7 p. m., Trianon ensemble; 8-9, Ivanhoe band; 9-10, Star's Radio orchestra; 11:45-1 a. m., Ted Weems' Victor Recording orchestra; Ted Meyn, organist; Earl Coleman's orchestra.

WFAA, Dallas, Tex. (475.9m-630ke), 6:30-7:30 p. m., Durward Cline and his Colleagues orchestra.

WGST, Atlanta, Ga. (270.1m-1110ke), 9-10 p. m., Yellow Jacket quartet; Bill Walton, pianist; Mandolin club.

WHA, Madison, Wis. (535.4m-560ke), 8 p. m., University school of music.

WHB, Kansas City, Mo. (365.6m-820ke), 7-8 p. m., Sweeney orchestra.

Tuesday, May 18

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4	3
WEBJ (272.6m-1100ke), Scottish night.	6:10	5:10	5:10	4:10
WIP (508.2m-590ke), Celeste trio.	9:30	8:30	6:30	5:30
WHAS (399.8m-750ke), Zoeller's Melodists.	10:15	9:15	7:15	6:15
WHO (526m-570ke), Raleigh quintet.	11	10	9	7
KFAU (280.2m-1070ke), Columbian club.	12 m.	11	10	8
WCCO (416.4m-720ke), Home Brand minstrels.				
WGHP (270.1m-1110ke), Wolverine quartet.				
WOC (483.6m-620ke), Five Melodie Monarchs.				
KGO (361.2m-830ke), "Adolpho," California male quartet.				

Tuesday, silent night for: CFCA, CHIC, CKNC, CNRC, CNRE, CNRM, CNRT, CNRW, KFKX, KUOA, KFUO, KFWA, KOA, KOAC, KOB, KOWW, KUOM, KSAC, KTAB, KWSC, WABG, WAHG, WAIU, WAMD, WEBR, WGCAL, WCAP, WEMC, WGCP, WHA, WHAZ, WJAZ, WKAF, WLWL, WMAK, WMAZ, WOI, WOS, WSMB, WSUI, WTAM, WTIC.

Atlantic or Eastern Daylight Saving Time Stations

CKAC, Montreal, Can. (410.7m-730ke), 7:15 p. m., Windsor hotel dinner concert; 10:30, Leonard's Red Jackets.

CNRA, Menoton, Can. (312.4m-960ke), 9 p. m., Evelyn Crowell, pianist; Miss B. DeLong, soprano; Jean Fraser, violinist; Ella Courtney, contralto; Helen Wilson, pianist; H. V. Musgrave, baritone; 11, CNRA dance orchestra.

WGAU, Philadelphia, Pa. (277.6m-1080ke), 6:30 p. m., Parodians orchestra; 7:30, Snellenburg instrumental trio; 8, theater direct; 8:10, The Three Brothers; 8:25, Peter Ricci, baritone; 8:45, Higgins and Burke, songwriters; 9, Robert Fraser, blind gospel singer; 9:30, Esther Lawrence and her players; 10, Malle and Dougherty, songs; 10:30, Cathay Tea Garden orchestra.

WEAF, New York, N. Y. (491.5m-610ke), 4-12 midnight, Sadrian trio; Vincent Lopez and his orchestra; Max Kalfus, tenor; Grand Prize Eureka, Gold Dust Twins; Eveready hour; Vincent Lopez and his orchestra.

WEBJ, New York, N. Y. (272.6m-1100ke), 7-7:30 p. m., Dan Barnett's orchestra; 7:30-7:45, Luna Park, Coney Island program; 8, R. Taub, G. Geer; 8:10, Sara Turits, soprano; 8:20, Jerry Alexander's entertainers; 8:30-9, Luna Park, Coney Island program.

WEEI, Boston, Mass. (348.6m-860ke), 7:30 p. m., Minute men; 8-11:30, WEAF.

WFI, Philadelphia, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8, WEAF; 10:30, Vincent Lopez and his orchestra.

WGBS, New York, N. Y. (315.6m-950ke), 8:30 p. m., Jenas Butenas, Lithuanian baritone; 9, Bach's double concerto, George Schwiller and Abraham Samilowitz.

WGR, Buffalo, N. Y. (319m-940ke), 6:30 p. m., Vincent Lopez and Hotel Statler dance orchestra; 8, WEAF.

WHAR, Atlantic City, N. J. (275.1m-1090ke), 8 p. m., Seaside hotel trio; 9, studio concert.

WHN, New York, N. Y. (361.2m-830ke), 6:30 p. m., Everglades orchestra; 7, Vincent Lopez Iceland orchestra; 7:30, Will Oakland's Chateau; 8, Treasureland Neighbors; 9, orchestra; 11, Apolot Friedland; 11:30, Sophie Tucker's Playgroup; 12, Harry Richman and his entertainers.

WIP, Philadelphia, Pa. (508.2m-590ke), 6:05 p. m., Monte Cross, "Old-Timer"; 7, Edward Whitfield, violinist; 8:10, The Celeste trio; 8:50, glee club, Ursinus college; 10:05, Movie talk, E.H. M. Grolwitz; 10:30, El Patio dance orchestra.

WJAR, Providence, R. I. (305.9m-980ke), 7:30 p. m., musical program; 8-10, WEAF.

WJZ, New York, N. Y. (454.3m-660ke), 8:30 p. m., Deltah Pearl hour; 10, Grand tour, "Scandinavian Capitals"; 10:45, George Olsen's Hotel Pennsylvania Grill orchestra.

WLWL, New York, N. Y. (288.3m-1040ke), 9:30 p. m., Premier male quartet; 10:15, Premier male quartet.

WMAK, Buffalo, N. Y. (265.3m-1130ke), 6:15-7:15 p. m., musical; 10:30-11:30, Art Landry's Victor Recording orchestra.

WMCA, New York, N. Y. (340.7m-880ke), 6 p. m., Oldcutt Vail and his string ensemble; 7, Hofbrau Haus entertainers; 7:30, Sachs musical monarchs; 8, Pace Institute program; 8:30, California Ramblers; 9:30, Columbia Park entertainers; 11, McAlpin orchestra; 12, McAlpin entertainers.

WOC, Philadelphia, Pa. (508.2m-590ke), 7:30 p. m., Adelphi dance orchestra.

WOR, Newark, N. J. (405.2m-740ke), 6:30 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7:15-7:30, Zing's Central Park Casino orchestra; 9, Gertner's string quartet; 10:45-12, Billy Rose Fifth Avenue club orchestra.

WTAG, Worcester, Mass. (267.7m-1120ke), 8-8:30 p. m., WEAF; 9-11:30, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970ke), 8:30 p. m., sacred song hour; 9, Little symphony orchestra; 11:35, concert, Grand theater.

WADC, Akron, Ohio (258.5m-1160ke), 8 p. m., studio program; 9, dance orchestra; 10, Times Press hour.

WBAL, Baltimore, Md. (245.8m-1220ke), 8-9 p. m., Hilda Hopkins Burke, soprano; Celia Brice, violinist; George Bobek, pianist; 9-10, U. S. Naval Academy band; 10-10:30, WBAL male quartet; 10:30-11, Frederick Weaver, organist.

WBBM, Chicago, Ill. (225.4m-1330ke), 8-9:30 p. m., Alemito orchestra; Metropolitan mixed quartet; 9:30-10, Moss Covered melodies; 10-11, Harmonious hash, Howard Osborne's vanity fair orchestra; Matched-Unit quartet; 11-12, midnight, dance period.

WBZ, Springfield, Mass. (333.1m-900ke), 7 p. m., Deerfield Academy glee club; 8, WBZ Movie club; 9, Martha Lindley Barrington, pianist; 9:30, Wayside dance orchestra.

WCBD, Zion, Ill. (344.6m-870ke), 8 p. m., Mandolin and guitar club; Kindergarten classes chorus; Alexander DePew, flutist; Mrs. Hulda Klammer, reader; Gladys Taylor, pianist.

WEBH, Chicago, Ill. (370.2m-810ke), 7-8 p. m., Edgewater Beach Hotel Oriole orchestra; Kathryn Forbes; Lydia Lochner; 9:10-10, Uptown theater; 11-12:30, Gail Bandell; Syncopating Serenaders.

WENR, Chicago, Ill. (265.3m-1130ke), 6-7 p. m., Bauhaus string trio; 8-9, Arthur Dunas; 9-10, Moody Bible Institute evening hour.

WGN, Chicago, Ill. (302.8m-990ke), 6:45-7:15 p. m., Blackstone string quintet, Drake concert ensemble; 8-9, WEAF; 9-10, "The Bohemian Girl"; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, play shop; 10:40-11, musical program, ensemble.

WGY, Schenectady, N. Y. (379.5m-790ke), 6:45 p. m., WGY orchestra, Elizabeth Carrigan, contralto; 7:30, WJZ; 9, WJZ; 9:30-10, Beaver hour.

WHT, Chicago, Ill. (399.8m-750ke), 7 p. m., Al Carney, organist; 7:40, Grayling's ensemble; 7:50, Loftis Diamond quartet; 8:45-10:15, (238m-1260ke), Cinderella cafe orchestra; 10:30, (399.8m-750ke), Kitcher Klenzer entertainers; 10:50, Pat Barnes and Al Carney; 11:10, U. S. L. half hour of dance music; 12, your hour league.

WIBO, Chicago, Ill. (225.4m-1330ke), 6-8 p. m., dinner concert; WBO string trio; Chester Neumann, baritone;

Monday, May 17

CKNC, Toronto, Can. (356.9m-840ke), 9 p. m., Toronto Conservatory of Music instrumental trio; Madeline Bell, soprano; Edgar Smith, bass.

WCAU, Philadelphia, Pa. (277.6m-1080ke), 7:30 p. m., recital, N. Snellenburg and company; 8, Carolyn Thomas, soprano; 8:30, The Hood Boys; 8:45, Virginia Klein, pianist; 8, Merry Minstrels; 10, Madrigal mixed quartet.

WEAF, New York, N. Y. (491.5m-610ke), 4-12 midnight, Isabel Franklin, soprano; Celia S. Negin, pianist; Theodore Whiteman, baritone; Vincent Lopez and his orchestra; Anne Bacon, pianist; John Allegra, baritone; A. and P. Gypsies; "La Gioconda," WEAF Grand opera company; Ben Bernie and his orchestra.

WEEI, Boston, Mass. (348.6m-860ke), 7:30 p. m., Black Iron Shiners; 8, Walker; 8:15, Varsity Tire entertainers; 9, WEAF; 10, Ed Andrews and his Nautical Gardens orchestra.

WFI, Philadelphia, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.

WGR, Buffalo, N. Y. (319m-940ke), 6:30 p. m., Maxwell dance orchestra; 8:30, Kiwanis dance orchestra; 9, Herman; 9, Harriett Shire, soprano; artists; 9:30, B. North Good, popular pianist; 10, Bertha Drescher and associates; 11, Vincent Lopez and Hotel Statler dance orchestra.

WHAR, Atlantic City, N. J. (275.1m-1090ke), 8 p. m., Seaside hotel trio; 11, Bolles Bertone dance orchestra.

WHN, New York, N. Y. (361.2m-830ke), 6:30 p. m., movie club; 7:30, Joe Ward's Swanee entertainers; 8:05, Roseland dance orchestra; 8:30, George's Surprise; 9, Leverich Three and "Peter the Great"; 9:30, Loew's New York orchestra; 10, Palisades Amusement Park orchestra; 12, Silver Slipper orchestra.

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

WJAR, Providence, R. I. (305.9m-980ke), 7:45 p. m., musical program; 9-11, WEAF.

WJZ, New York, N. Y. (454.3m-660ke), 8 p. m., Astor Coffee orchestra; 9, Reading Railroad Revelers; 10, Moorland hour.

WLIT, Philadelphia, Pa. (394.5m-760ke), 7:30 p. m., Dream Daddy's bedtime stories; 8:20, recital; 9, Stanley Hour of Music; 10, Arcadia cafe dance orchestra; 10:20, Zoehrs and Herscher, songs; 10:30, vaudeville features, Fay's theater; 10:45, Ben Franklin El Patio dance orchestra.

WLWL, New York, N. Y. (288.3m-1040ke), 8:30 p. m., Chamber music, Society of America; 9, question box; 9:30, Schiekerling concert; 10, study club.

WMAK, Buffalo, N. Y. (265.3m-1130ke), 7:30-8 p. m., music; 8:30-9, song recital, Oral Thomas; 9-10, musical program, Philco hour; 10-11, musical program; 11-11:30, Toddy orchestra.

WMCA, New York, N. Y. (340.7m-880ke), 6 p. m., Oldcutt Vail and his string ensemble; 7, Hofbrau Haus entertainers; 7:30, Sachs musical monarchs; 8, Pace Institute program; 8:30, California Ramblers; 9:30, Columbia Park entertainers; 11, McAlpin orchestra; 12, McAlpin entertainers.

WOC, Philadelphia, Pa. (508.2m-590ke), 7:30 p. m., Adelphi dance orchestra.

WOR, Newark, N. J. (405.2m-740ke), 6:30 p. m., Hotel Bretton Hall quartet.

WTAG, Worcester, Mass. (267.7m-1120ke), 8:30-9 p. m., entertainers; 9-10, Robin Hood hour of music; 10-11, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970ke), 5:30 p. m., dinner concert, Pittsburgh Athletic association orchestra; 9, Ruud Light opera hour.

WADC, Akron, Ohio (258.5m-1160ke), 9 p. m., River-view Park dance orchestra.

WBAL, Baltimore, Md. (245.8m-1220ke), 6:30-7:30 p. m., WBAL dinner orchestra; 8-9, Louise Schroeder, soprano; Gordon Phillips, tenor; Josef Privette, pianist; Arthur Morgan, violinist; Clyde McKay, baritone; 9:10-10, musical; 10-11, WBAL ensemble.

WBZ, Springfield, Mass. (333.1m-900ke), 7 p. m., Capitol theater orchestra; 7:30, Rene Dagenais, organist; 8, Mr. Gehrman, bass-baritone; Saddle R. Yellen, soprano; 8:30, Empire Singing orchestra; 9:30, Robert Morris, Alice Guertin.

WCAP, Washington, D. C. (468.5m-640ke), 7-8 p. m., studio program; 8-10, WEAF.

WGHB, Clearwater, Fla. (266m-1130ke), 8:30-10 p. m., Caroline Lee, "The Virginia Girl" and her Spanish guitar; Mrs. Frank Delemeter, contralto; Marton Hoffman, pianist; W. K. Powell, baritone.

WGY, Schenectady, N. Y. (379.5m-790ke), 6:30 p. m., WGY orchestra; 8-8:30, orchestra.

WHAZ, Troy, N. Y. (379.5m-790ke), 8:30 p. m., Troy high school musical organization; 10, Royal club orchestra.

WJR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:15, Caspar



d. m., Helmer Petersen, violinist; Kathleen Hatch, pianist; 10-11, "The Belles," Poe evening; WOOD ensemble; 11-12 mid., "18th Woodpile"; WOOD Syncoated ensemble.

WREO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble.

WRVA, Richmond, Va. (256.3m-1170ke), 9 p. m., talent, West Point, Va.; 10:30, Pat Binford and Bright Keek; 11, Carry Me Back to Old Virginia.

WSA, Cincinnati, Ohio (325.9m-920ke), 7 p. m., WEAF, 10, Greenland's orchestra.

WTAM, Cleveland, Ohio (389.4m-770ke), 6 p. m., Hollenden orchestra; 8, Willard symphony; 9, studio program; 10, Willard symphony; 11, Austin Wylie's orchestra.

WTIC, Hartford, Conn. (475.9m-630ke), 7:30 p. m., Capitol theater orchestra; 8, Mme. Pely Clement, operatic soprano; 8:30, Emil Heimberger's Hotel Bond dance orchestra; 9, WEAF; 10-11, "Travelers" symphonic ensemble.

WWJ, Detroit, Mich. (352.7m-850ke), 6 p. m., dinner concert; 7, studio program; 8, Detroit News orchestra; 9, A. and P. Gypsies.

Central Standard Time Stations

KFAB, Lincoln, Neb. (340.7m-880ke), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Orville Andre, Buick Warbler; Cowbell Boy; Belshaw's orchestra; Ed Edington, original songbird.

KFH, Wichita, Kans. (267.7m-1120ke), 7-8 p. m., Gage Brewers' Hawaiians.

KFKU, Lawrence, Kans. (275.1m-1090ke), 7:15 p. m., Flske Mountain, violinist; Alice Fearing, soprano; Virginia Arnold, pianist.

KFKX, Hastings, Neb. (288.3m-1040ke), 5:30 p. m., KDKA; 9, Pritschau-Bekel orchestra.

KFNF, Shenandoah, Iowa (263m-1140ke), 7 p. m., concert, Henry Field Seed company.

KMA, Shenandoah, Iowa (252m-1190ke), 9-11 p. m., Farnham trio.

KMOX, St. Louis, Mo. (280.2m-1070ke), 7 p. m., Brown Bill Boys; Ed Goessling, baritone; Buster's Saxophone quintet; KMOX Radio orchestra; 8, Colonel 6121; 9:30, H. Muskens, Dutch tenor; 10, KMOX Radio orchestra; 11, Rendezvous club.

KPRC, Houston, Tex. (296.9m-1010ke), 7:30 p. m., Skyline studio concert; 7:45, dance music; 8:30, Max Shippee, tenor; Mrs. H. Whittington, accompanist; 9, Skyline studio concert.

KSD, St. Louis, Mo. (545.1m-550ke), 8 p. m., WEAF; 10, program, Parent-Teachers' association.

KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9-10-10 p. m., request numbers, Meyer Davis orchestra; 10-11, Lawson Reid, organist.

KUOA, Fayetteville, Ark. (299.8m-1000ke), 8 p. m., Lambda Chi Omega.

KVOO, Bristow, Okla. (374.8m-800ke), 6-9 p. m., Mrs. J. C. Weaver, "Oklahoma's Sweetheart of the Air."

WAMD, Minneapolis, Minn. (243.8m-1230ke), 6 p. m., WAMD boys' A. C.; 7:05, Hartman Twins, Frank and Earnest; 7:15, popular program; Maurine Heft, pianist; Ruth Hokans, contralto; 11, Skyrocket frolic, Golden Gate orchestra.

WBAP, Fort Worth, Texas (475.9m-630ke), 7:30-8:30 p. m., Northern Texas Traction company orchestra; 9:30-11, musical program; 11-12, Lloyd McFalls orchestra.

WCAL, Northfield, Minn. (336.9m-890ke), 8:30 p. m., musicale.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720ke), 6:15 p. m., St. Paul hotel concert orchestra; 8, University of Minnesota program; 9, Royal-Star ensemble; 9:30, Classical concert.

WCOA, Pensacola, Fla. (222m-1350ke), 7 p. m., Mrs. Benn's Young Ladies' chorus; Mollis McCaskill, vocalist; Tony Bruno, saxophonist; A. Morley Darby, baritone; Gladys Villar, pianist; Harry T. Howland, Jr., yodeler; Florida Footwarmers dance orchestra.

WHO, Des Moines, Iowa (526m-570ke), 7:30-9 p. m., Prof. Paul Stoye, pianist and composer; Prof. Joseph Gilford, reader; Fannie Wilkins Ryan, soprano; 11-12, organ recital, L. Carlos Meier.

WMC, Memphis, Tenn. (499.7m-600ke), 8:30 p. m., Paolo Grosso and Celine Wright.

WOAW, Omaha, Neb. (526m-570ke), 6:20 p. m., Frank Peterson, tenor; Helen Higgins, pianist; 6:50, Randall's Royal Pontenelle orchestra; 9, classical.

WOI, Ames, Iowa (270.1m-1110ke), 7:50 p. m., glee clubs.

WOS, Jefferson City, Mo. (440.9m-680ke), 9:15 p. m., program; 9:25, Margaret Green and Camilla Singleton, vocal and piano program.

WRR, Dallas, Texas (245.8m-1220ke), 6-7 p. m., Jack Gardner's orchestra; 8-9, Magnolia Petroleum company orchestra; 11-12, Phil Pierce, organist.

WSB, Atlanta, Ga. (428.3m-700ke), 8 p. m., Atlanta Chamber of Commerce; 10:45, Wendell Hall and R. Carroll.

WSM, Nashville, Tenn. (282.8m-1060ke), 7 p. m., Beasley Smith's orchestra; 8:15, Mildred King, pianist; 10, pupils of Daisy Hoffman, pianist.

WSOE, Milwaukee, Wis. (245.8m-1220ke), 7 p. m., Elks club; 9, Illini club.

WSUI, Iowa City, Iowa (483.6m-620ke), 8 p. m., musical program.

Mountain Standard Time Stations

KKFX, Colorado Springs, Colo. (249.9m-1200ke), 9 p. m., Mrs. Cleora Wood-Schmidt, soprano; Frank Havick, violinist; Percy Marshall, pianist; Wilhelm Schmidt, pianist.

KOA, Denver, Colo. (322.4m-930ke), 6 p. m., dinner concert, Brown Palace string orchestra; 7, open-air twilight concert, Greek theater; 8, studio program portraying spirit and development of the West; Harold Loring, pianist; Anita Deus, soprano; Ignacio Barrios, guitarist; Katherine Meany, pianist; Cowboy ballads; Mrs. Irving Green, contralto; Carlton Bowman, baritone; 10, dance program, Bill Zwiffel's Harmony orchestra.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642ke), 7-8 p. m., Owen Fallon's Californians; 8-9, Gusman trig, Jean Hayden, soprano; 9-10, program, Walter M. Murphy Motors company, KPO; Olga Steffan, contralto; Froy Moore concert orchestra; 10-11, program, Melkiojohn Brothers.

KFWB, Hollywood, Calif. (252m-1190ke), 6:30-7:30 p. m., Pontiac-Six dinner hour; 7:30-8, program, Dr. Ralph Mitchell and Associated Dentists; 8-9, program, Corduroy Tire stores; 9-10, program, Wright, Campbell and Glinder; 10-11, Warner Brothers' frolic.

KGO, Oakland, Calif. (361.2m-830ke), 8 p. m., Medley of Scotch airs, Arlon trio.

KGW, Portland, Ore. (491.5m-610ke), 6-7 p. m., dinner concert; 8-9, instrumental music; 9-10, vaudeville entertainment; 10-12, Cole McElroy's dance orchestra.

KNX, Hollywood, Calif. (336.9m-890ke), 7-7:30 p. m., Mutual Motors milch contest; 7:30-8, program, Overalls; 8-9, program, L. W. Stockwell company; 9-10, studio program; 10-11, Silverturn Cord orchestra; 11-12 midnight, Ambassador hotel dance orchestra.

KPO, San Francisco, Calif. (428.3m-700ke), 6:30-7 p. m., States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel orchestra; 8-9, Gene James' Palace hotel Rose Room dance orchestra; 9-10, Walter M. Murphy Motors company; 10-11, Cabrera cafe dance orchestra.

KTAB, Oakland, Calif. (239.9m-1250ke), 8-10 p. m., program.

KWSC, Pullman, Wash. (348.6m-860ke), 7:15 p. m., John King, vocalist; Gladys Anderson, violinist; Margaret Amundson, pianist.

EMPIRE DAY MUSIC THROUGH CNRM

Tuesday, May 18

Agnes Buchl, soprano; Charlotte Edwards, contralto; Ruth Kluck, reader; organ recital; 12, jamboree; Ted Florito, pianist; Dan Russo, violinist; Marie Tully, songs; Wayne Myers, monologist, artists.

WJAZ, Chicago, Ill. (329.5m-910ke), 9-1 a. m., Club Chez Pierre; Earl Hoffman's Chez Pierre orchestra; "The Quips that pass in the Night"; William Hayden, tenor; Martha Barkema, soprano; Chez Pierre revue.

WJJD, Mooseheart, Ill. (370.2m-810ke), 5:30-7 p. m., dinner concert; Jack Nelson; Howard Peterson, organist; Palmer House symphony players; Victorians; 8-9, child artists; 10-11, Victorians; Russian music; Rushmore ensemble singers; 12:30 a. m., Settin' Up hour.

WJR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Glover Watson old-time dance orchestra; 8, Tom Bartel's Boys, 9, Jean Goldkette's orchestra.

WKRC, Cincinnati, Ohio (325.9m-820ke), 10 p. m., Eugene Porazzo, organist; 11, popular song features; 11:15, song features; Doc Howard's WKRC Broadcasters.

WLS, Chicago, Ill. (344.6m-670ke), 6:30 p. m., Elsie Look, organist; 6:45, College Inn orchestra; 7:15, Davis Edwards, reader; 7:30, Ralph Emerson, organist; 7:50, Voice of the Listener; 8-8:55, Etude hour, Columbia School of music.

WLW, Cincinnati, Ohio (422.3m-710ke), 7:30 p. m., piano memories, Mary Louise Woscecki, 8, solo and ensemble program, trio of artists, Cincinnati Conservatory of Music; 9, concert, Formica Insulation company orchestra.

WMAQ, Chicago, Ill. (407.5m-670ke), 6 p. m., Chicago theater organ; 6:30, Hotel LaSalle orchestra; 8, musical program; 9:20, musical program, chimes.

WMBB, Chicago, Ill. (249.9m-1200ke), 7-8 p. m., Trianon ensemble; Hilda Ehrlich, cellist; Margaret Conrad, violinist; Preston Guaves, pianist; Genevieve Burnham, operatic soprano; Wellington Forbes, tenor; operatic program; 9-11, Trianon orchestra; Woodlawn theater orchestra; Oxford Girls, Harmony duo, Joe Warner; Nora Norraine and Lou Stevers, popular program.

WOK, Chicago, Ill. (217.3m-1380ke), 4:30-7 p. m., Capitol theater organ; tenor; string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program, studio program.

WOOD, Grand Rapids, Mich. (241.8m-1240ke), 9-10 p. m., Ye Olde Tyme Songe Peste, Roy Clark, Sally Simpkins; 10-11, Regent Little symphony; Van Wyck Institute quartet.

WORD, Batavia, Ill. (275m-1090ke), 7 p. m., Public Service Company of Northern Illinois; 9, musicals; 11, Bruce Bell.

WQJ, Chicago, Ill. (447.5m-670ke), 7-8 p. m., Ralph Williams and his Rainbo Garden concert orchestra; Christian Grimm, pianist-composer; Jean St. Anne, French baritone; 10-1 a. m., Ralph Williams and Rainbo Skylarks; Rose Vanderbosch, soprano and pianist; Hal Lansing and uke; Bert Davis, Everett Opie; Harold Olson, baritone; 1-2, Ginger hour.

WRC, Washington, D. C. (468.5m-640ke), 7:30 p. m., WJZ; 8, announced; 9, WJZ; 9:30, announced; 10:30, Meyer Davis' Swanee synopsators.

WREO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble; 8:15, Red Motor Car company band.

WRVA, Richmond, Va. (126.3m-1170ke), 11 p. m., Old South Negro quartet; 11:30, Harold Lawrence; 12-1 a. m., Hotel Richmond Winter Garden orchestra; Art Perkins, ukulele soloist.

WSAI, Cincinnati, Ohio (325.9m-920ke), 7 p. m., WEAF; 7:30, musicals; 8, WEAF; 9, Maids of Melody.

WSWS, Chicago, Ill. (275.8m-1090ke), 6 p. m., Terrace Gardens; 8, James W. Wolfe, baritone; Jean St. Anne, French baritone; Gus Edwards orchestra; 10, Terrace Gardens.

WTAM, Cleveland, Ohio (389.4m-770ke), 6 p. m., State theater vaudeville; 7, WEAF; 7:30, WEAF; 10, studio program; 11, Singing synopsators.

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

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880ke), 5:30-6:30 p. m., dinner concert; 8:05-10:30, program, University of Nebraska.

KFDM, Beaumont, Texas (315.6m-950ke), 8-10 p. m., orchestra.

KFHH, Wichita, Kans. (267.7m-1120ke), 7-8 p. m., classical musical program.

KFKU, Lawrence, Kans. (275.1m-1090ke), 8 p. m., senior recital, Ruth Whitfield, pianist.

KFNF, Shenandoah, Iowa (263m-1140ke), 7 p. m., old-time music, Hay Mow 5.

KLDS, Independence, Mo. (440.9m-680ke), 8 p. m., studio program.

KMA, Shenandoah, Iowa (252m-1190ke), 9-11 p. m., May's Mandolin musicians.

KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m., dinner concert; Mrs. Jacque Landree; 7, Little Red school house; 8, Porter Brown, banjoist; Cotton Pickers; KMOX Radio orchestra; 9, Marguerite Schmidt, pianist; David Blitner, violinist; 9:30, trio; 10, KMOX Radio orchestra; 11, Rendezvous club.

KPRC, Houston, Texas (296.9m-1010ke), 7:30 p. m., Millie Mack's dance orchestra; 8:30, Skyline studio concert.

KSD, St. Louis, Mo. (545.1m-550ke), 6-9:30 p. m., WEAF.

KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:10-10 p. m., Lon Chassy, violinist; Edward Richter, cellist; John Heyn, pianist; 10-10:15, vocal solos, Richardson Ford; 10:15-10:30, accordion novelties, Joe Kuntz.

KUOA, Fayetteville, Ark. (299.8m-1000ke), 8 p. m., H. Tovey, pianist; solo recital.

KVOD, Bristow, Okla. (374.8m-800ke), 6-9 p. m., Jimmie Wilson and his Catfish string band.

KYW, Chicago, Ill. (535.4m-680ke), 6-7 p. m., musical program; 7-8, musical program; 8:30-9:30, classical concert; 9:30-10:30, Congress carnival.

WEAF, Fort Worth, Texas (475.9m-630ke), 7:30-8:30 p. m., Clyde Messenge, baritone; Mrs. Florence Messenge, pianist; 9:30-11, Caroline Bell McFarland.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720ke), 6 p. m., WEAF; 8, Home Brand minstrels.

WDAF, Kansas City, Mo. (365.6m-820ke), 6-7 p. m., Trianon ensemble; 11:45-1 a. m., Nighthawk frolic.

WFAA, Dallas, Texas (475.9m-630ke), 6:30-7:30 p. m., Jimmie Joy's orchestra; 8:30-9:30, Southern Methodist university school of music; 11-12, Hedley Cooper, violinist.

WGBF, Evansville, Ind. (236.1m-1270ke), 8 p. m., popular music; 9, Courier classical hour.

WHAS, Louisville, Ky. (399.8m-750ke), 7:30-9 p. m., Carl Zoeller's Melodists.

WHB, Kansas City, Mo. (365.6m-820ke), 7-7:45 p. m., organ concert, Linwood theater; 8-9, varied musical program; 9-10, Bender trio, old-time square dance music.

WHO, Des Moines, Iowa (526m-570ke), 7:30-8 p. m., Raleigh quintet; 8-9, Mid Phi Epsilon National musical sorority; 11-12 midnight, Bankers' Life Corn Sugar orchestra.

WHO, Des Moines, Iowa (526m-570ke), 7:30-8 p. m., Raleigh quintet; 8-9, varied musical program; 11-12, Bankers Life Corn Sugar orchestra.

WMC, Memphis, Tenn. (499.7m-600ke), 8:30 p. m., Mrs. O. H. Muehler; 11, Bridling's cafeteria orchestra.

WOAW, Omaha, Neb. (526m-570ke), 6:50 p. m., Herb Fischer and his orchestra; 9, program, Hannan-Van Brunt company; 10:30, Frank Hodek and his Nightingale orchestra.

WOC, Davenport, Iowa (483.6m-620ke), 6-6:30 p. m., WEAF; 6:30-8, WEAF; 9-10, Five Melodie Monarchs.

WRR, Dallas, Texas (245.8m-1220ke), 6-7 p. m., Jack Gardner's orchestra; 8-9, Montgomery, the photographer.

WSB, Atlanta, Ga. (428.3m-700ke), 8 p. m., Wendell Hall; 10:45, Wendell Hall.

WSM, Nashville, Tenn. (282.8m-1060ke), 10 p. m., frolic, Harry Bailey's Southern Serenaders.

WSOE, Milwaukee, Wis. (245.8m-1220ke), 7 p. m., Elks club; 9, classical music.

Mountain Standard Time Stations

CNRR, Regina, Can. (476m-630ke), 8 p. m., studio program.

KFAU, Boise, Idaho (280.2m-1070ke), 8-10 p. m., Boise Artists' night.

KXFX, Colorado Springs, Colo. (249.9m-1200ke), 8 p. m., Laurel vocal quartet; Henrietta Templeton, pianist; 9:15, Gray's Collegiate orchestra.

KOA, Denver, Colo. (322.8m-930ke), 6 p. m., Brown Palace string concert orchestra; 7, open-air twilight concert, Greek theater; 8, special program, Veterans of the Wars of U. S.; Mary Read, organist; H. MacDonald, baritone; Estelle Phillo, pianist; Earl Linder, tenor; choral and band numbers; Alexander Grant, baritone; Marjorie McIlwain, soprano; Lillian Donnelly, contralto; 10, Music club, 65 voices.

Pacific Standard Time Stations

CNRV, Vancouver, Can. (291.1m-1080ke), 9 p. m., B. C. musical festival.

KFI, Los Angeles, Calif. (467m-642ke), 7-7:30 p. m., Virginia Ballroom orchestra; 7:30-8, vocal program; 8-9, screen artists quartet; 9-10, program, A. V. Shotwell corp.; 10-11, Packard Radio club.

KFWB, Hollywood, Calif. (322.8m-1190ke), 6:30-7:30 p. m., Pontiac Six dinner hour; 8-9, program, Richard Hellman, Inc.; 9-10, Warner Brothers' synopsators; 10-11, Warner Brothers' frolic.

KGO, Oakland, Calif. (361.2m-830ke), 8-9 p. m., Eveready program; David Rosebrook, cornetist; Harmonica and the "Battle Bones, Joseph de Paq; Neapolitan songs, quartet; accordion solos and "Wop" stories, Adolpho; 9:10-10, Salvation Army band concert; B. Rogers, cornetist; Carl Anderson, tenor; 10-12, dance music, Madison's Midshipmen.

KGW, Portland, Ore. (491.5m-610ke), 6-7 p. m., dinner concert; 10-12, Herman Kenin's dance orchestra.

KHJ, Los Angeles, Calif. (405.2m-740ke), 8-9 p. m., Southern California Baptist Young Peoples' program; 9-10, Frederick MacMurray, viola soloist.

KNX, Hollywood, Calif. (336.9m-890ke), 7-7:45 p. m., program, Geo. E. Read, Inc.; 8-9, program, Builders Finance Ass'n; 9-10, program, Western Auto Supply company; 10-12 midnight, Ambassador hotel dance orchestra.

KPO, San Francisco, Calif. (428.3m-700ke), 6:30-7 p. m., States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel orchestra; 7-7:30, Muniar quartet; 9-10, Mona Motor Oil trio; 10-11, Palace Hotel Rose Room dance orchestra.

KPSM, Pasadena, Calif. (315.6m-950ke), 8-9 p. m., Adolf Tandler instrumental group.

KTAB, Oakland, Calif. (239.9m-1250ke), 8-9 p. m., Mills college.

Wednesday, May 19

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
7:30 p. m.	6:30	5:30	4:30	3:30
WMAK (285.3m-1330ke), Margaret Ritter and friends.	9	8	7	6
WGY (379.5m-790ke), Euterpe glee club.	WTAG (267.7m-1120ke), Jacques' trio.	9	8	7
WJAZ (302.8m-990ke), Tabloid musicale.	10:05	9:05	8:05	7:05
WOS (440.9m-680ke), Sunny Sawyers.	10:30	9:30	8:30	7:30
KPRC (296.9m-1010ke), Frank Tilton, blind wonder boy pianist.	11	10	9	8
CNRW (384.6m-820ke), Choral society.	WDAF (365.6m-820ke), McDowell chorus.			

Wednesday, silent night for: CHIC, CKAC, CKNC, CHRA, CNRC, CHRE, CNRM, CNRT, CNRV, KFAU, KPF, KGO, KLD, KMMJ, KOB, KOIL, KPSN, KSAC, KTAB, KUOA, WABQ, WAIU, WBAL, WBAP, WBBR, WCAL, WCBD, WEEB, WFAA, WGBF, WGBS, WGPC, WHAR, WHAZ, WIP, WIAD, WJAZ, WLWL, WMC, WQAI, WQAW, WOI, WPG, WRC, WRR.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Canada (356.9m-840ke), 9 p. m., special musical program, Hambourg trio.

CNRO, Ottawa, Can. (434.5m-690ke), 8 p. m., Chateau

WEAF, New York, N. Y. (491.5m-610ke), 4-12 midnight, Jessie Ward Hayward, reader; Marie Smith, pianist; Esther Klar, soprano; Vincent Lopez and his orchestra; Shinola Merry-makers, Gentleman of 2 and 1; Davis Saxophone octet.

WEBJ, New York, N. Y. (272.6m-1100ke), 8 p. m., Balberne orchestra; 8:45, Clarence Williams trio; 9-9:50, Busonini Neapolitans; 9:30-10, McLean's dance orchestra.

WEI, Boston, Mass. (348.6m-860ke), 6:20 p. m., Joe Rines and his Hunters Cabin orchestra; 7:30, Peerless Tours; 8-11, WEAF.

WFI, Philadelphia, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.

WGR, Buffalo, N. Y. (319m-940ke), 6:30 p. m., Gospel Melodists; 8, WEAF; 8:30, Robert Hofstader, tenor; 9, WEAF; 10, program, Kellogg Products, Inc.; string trio with voice; 11, E. N. Cave, baritone.

WHN, New York, N. Y. (361.2m-830ke), 7:30 p. m., Loew's Lexington organ recital; 9:10, Charleston contest; 10, Roseland dance orchestra; 11:30, Silver Slipper orchestra; 12 midnight, Cotton club orchestra.

WIP, Philadelphia, Pa. (508.2m-590ke), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Astor Singing club.

WJAR, Providence, R. I. (305.9m-980ke), 7:30 p. m., chamber music; 8-9, WEAF; 9, musical program; 10, tabloid musicale.

WJZ, New York, N. Y. (454.3m-660ke), 7:15 p. m., Hotel Commodore concert orchestra; 8, Imperial Imps; 8:30, Lewisohn Free chamber music concert.

WLIT, Philadelphia, Pa. (394.5m-760ke), 8 p. m., Imperial Council of Lu Lu temple; 10, Arcadia cafe dance orchestra.

WLW, New York, N. Y. (288.3m-1040ke), 9:15 p. m., chamber music; 9:45, McEray's concert; 10:50, Castleton instrumental trio.

WMCA, New York, N. Y. (340.7m-880ke), 6 p. m., Olcott Vail and his Hotel McAlpin string ensemble; 6:30, Ernie Golden and his orchestra; 8, Hawaiians; 8:30, Meister Homesteaders; 9, Mamaroneck night; 9:30, Woodmanster Inn orchestra; 12 midnight, McAlpin entertainers.

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

WOO, Philadelphia, Pa. (508.2m-590ke), 7:30 p. m., Sylvania dinner dance orchestra; 8, WEAF; 10, Fox theater program; 10:30, Ritz-Carlton dance orchestra.

WOR, Newark, N. J. (405.2m-740ke), 6:45-7 p. m., Jacques Jacobs' Hotel Shelton ensemble.

WTAG, Worcester, Mass. (267.7m-1120ke), 7:40 p. m., announced; 8-8:30, WEAF; 8:30-9, program announced; 9-10, Jacques trio; 10-11, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970ke), 5:30 p. m., dinner concert, Morrowfield hotel; 8:30, Oakmont Chamber of Commerce quartet.

WBBM, Chicago, Ill. (225.4m-1330ke), 8-10 p. m., Rudy Winters, baritone; Alemitte orchestra; 12-2 a. m., Alemitte orchestra.

WJZ, Springfield, Mass. (333.1m-900ke), 6 p. m., Musical Mirth Makers; 7, "Hiram Jones' Bet"; 7:30, Radio nature league; 9, WBZ concert ensemble.

WCAP, Washington, D. C. (468.5m-640ke), 6:30-7 p. m., studio program; 7-10, WEAF.

WEBH, Chicago, Ill. (370.2m-810ke), 7-8 p. m., Osborn's orchestra; Florence Behrend; Frank Greif, Frank Borden; 9:15-10, Osborn's orchestra; Frank Borden; Lawrence Salerno; 11-12:30 a. m., Oriole orchestra; Kay Bonayne, Florence Behrens.

WENR, Chicago, Ill. (265.3m-1130ke), 6-7 p. m., Rauland lyric trio; 8-10, All-American Pioneers; 12-2, midnite frolic.

WGHB, Clearwater, Fla. (266m-1130ke), 8:30-10 p. m., Rex Dantzer, tenor; L. W. Joy, pianist and others.

WGN, Chicago, Ill. (302.8m-990ke), 6:45-7:15 p. m., Blackstone string quintet; 8-9, musical program; 9-10, May concert; 10-10:10, Sing 'n' Henry; 10:10-10:20, studio music; 10:20-11, musical program.

WGY, Schenectady, N. Y. (379.5m-790ke), 6:30 p. m., program, Hotel Onondaga; 7:30, Eastman theater program; 8, Euterpe glee club; Robert S. Flagler, pianist; 9-10, musical program.

WHT, Chicago, Ill. (399.8m-750ke), 7 p. m., Bernice Taylor, soprano; Edwin Kemp, tenor; 7:20, Borden organ recital; 8, Ray-O-Vac concert; 8:45-11:40 (2:30m-12:30ke), Cinderella cafe orchestra; 12 midnight, (3:30m-7:30ke) your hour league.

WIBO, Chicago, Ill. (225.4m-1330ke), 6-8 p. m., dinner concert, string trio; Dorothy Ray, soprano; Charles Champlin, baritone; Frank Griff, tenor; Carl Bigelow; 10-12, popular program; vocal, instrumental.

WJAZ, Chicago, Ill. (329.5m-910ke), 9-1 a. m., Club Chez Pierre; Earl Hoffman's Chez Pierre orchestra; James Thompson, violinist; Henry Oilphant, tenor; Ida May Pierson, pianist.

WJJD, Mooseheart, Ill. (370.2m-810ke), 5:30-7 p. m., dinner concert; Jack Nelson; Howard Peterson, organist; symphony players, Victorians; 8-9, child artists, solos, bands; 10-11, Victorians, Isabel Defaut,

WKRC, Cincinnati, Ohio (325.9m-920ke), 6 p. m., Alvin Roehr and his Hotel Alhus orchestra; 8:15, vocal and instrumental music; 9, Everfresh hour; 12, popular songs; 12:20, Wesley Holvey and his LaVista club house orchestra.

WLS, Chicago, Ill. (344.6m-670ke), 6:30 p. m., Elsie Look, organist; 6:45, College Inn orchestra; 7:30, Ralph Emerson, organist; 7:50, Voice of Listener; 9, WLS trio; 9:30, Temple male quartet; 11-12 midnight, Benson hour.

WLW, Cincinnati, Ohio (422.3m-710ke), 7 p. m., dinner hour concert; Hotel Gibson orchestra; 7:40, Hotel Gibson concert; 8-9, Crosley Out-of-Town night, Connersville, Ind.; 9-10, program, Eaton, Ohio; 10, Thorobred entertainers; 11, The Cincinnati Post program.

WMAQ, Chicago, Ill. (447.5m-670ke), 6 p. m., Chicago theater organ; 6:30, Hotel La Salle orchestra; 8:25, Whitney trio; 8:55, WMAQ players, chimes.

WMBB, Chicago, Ill. (249.9m-1200ke), 7-8 p. m., Trianon duo; Eleanor Kaplan, violinist; Monte Blunn, tenor; Arvid Anderson, baritone; Preston Graves, pianist; request program; 9-11, Trianon orchestra, Woodlawn theater orchestra, vocal artists.

WOK, Chicago, Ill. (217.3m-1380ke), 4:30-7 p. m., Capitol theater organ; studio program; Tip-Top Inn string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program.

WOOD, Grand Rapids, Mich. (241.8m-1240ke), 9-10 p. m., "16-Fingered Paul"; Moke Marrin, Helen Neuman, Jim Forshey, Ruth Glaser, Pearl Knudson, Sid Goldman; 10-11, Atwater Kent request program.

WORD, Batavia, Ill. (275m-1090ke), 7 p. m., North Shore line; 9, Webster hotel trio orchestra; I.B.S.A. choral singers.

WQJ, Chicago, Ill. (447.5m-670ke), 7-8 p. m., Ralph Williams and his Rainbo Garden concert orchestra; 10-1 a. m., Rainbo Skylarks; Melodians, Joe Warner, character songs; Oxford girls; artists; 1-2, Ginger hour.

WREO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., dinner concert.

WRVA, Richmond, Va. (126.3m-1170ke), 8:45 p. m., R. C. Hyde, organist; 9:25, Blackstone Military Academy orchestra; 11, Carry Me Back to Old Virginia.

WSAI, Cincinnati, Ohio (325.9m-920ke), 6:45 p. m., chimes; 7, WEAF; 7:30, WEAF; 10, Congress Playmate Card string quartet.

WSWS, Chicago, Ill. (275.8m-1090ke), 6 p. m., Harry Bundy, tenor; Zola Haynes, pianist; John Clark, baritone; Landner and Coolidge; 8, Alvin Becker, soprano; Marion O. Holland, violinist; Gus Edwards' orchestra; 10, Terrace Gardens.

WTAM, Cleveland, Ohio (389.4m-770ke), 6 p. m., Hotel Cleveland orchestra; 8, program.

WTIC, Hartford, Conn. (475.9m-630ke), 7 p. m., Mrs. Charles Foster, contralto; Helen Lawrence Fowler, pianist; 7:30, Edith Aab's vocal trio; 8:15, Laura Gaudet, pianist; 8:30, organ recital, Esther Nelson.

WWJ, Detroit, Mich. (352.7m-850ke), 6 p. m., dinner concert; 7, WEAF; 7:30, orchestra; 8, WEAF; 9, WEAF.

Central Standard Time Stations

CNRW, Winnipeg, Can. (384.4m-780ke), 9 p. m., C. N. R. choral society; 10:15, Supper-Dance club, Fort Garry hotel.

KFAB, Lincoln, Nebr. (340.7m-880ke), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Harmony boys; Harriet Cruise, Oriole of the Air; Gloomy Gus, entertainer; Mike Kopac, King of the Ivories.

KFH, Wichita, Kans. (267.7m-1120ke), 7-8 p. m., concert orchestra.

KFKX, Hastings, Nebr. (288.3m-1040ke), 9-11 p. m., musicals, Lincoln.

KFMX, Northfield, Minn. (336.9m-890ke), 9-10 p. m., musicals.

KFNF, Shenandoah, Iowa (263m-1140ke), 7 p. m., concert, Henry Field Seed company.

KMA, Shenandoah, Iowa (252m-1190ke), 9-11 p. m., songs and clogging, Bob and Babe.

KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m., dinner time recital; 7-8:30, Skouras Brothers Missouri theater; 8:30-9:30, KMOX orchestra; 9:30-11:30, Marguerite Schmidt, pianist; KMOX Radio orchestra; John Sauter, fiddler; David Blitner, violinist; 11:30, Rendezvous club.

KPRC, Houston, Texas (296.9m-1010ke), 7:30 p. m., Jack Willrich's orchestra; Virginia Willrich, piano-accordionist; 8:30, Frank Tilton, boy pianist; 10:30, End of Main dance music.

KSD, St. Louis, Mo. (545.1m-550ke), 6-9:30 p. m., WEAF.

KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:10-10 p. m., popular ballads, New Arlington Meyer Davis orchestra; 10-10:45, Southern's dance orchestra.

KVOO, Bristow, Okla. (374.8m-800ke), 6-9 p. m., Radio trio; Mascho, Cunningham, Mascho.

KYW, Chicago, Ill. (535.4m-680ke), 5:30 p. m., dinner concert; 6, musical program; 8-9:30, classical concert; 9:30-10:30, Congress carnival.

WAMD, Minneapolis, Minn. (243.8m-1230ke), 7:05 p. m., Hartman Twins, Frank and Ernest; 7:15, classical program, ensemble trio; Emily Jones, soprano; Elsa Henke, accompanist; 10, Gould banjo club; 11, Skyrocket frolic, Golden Gate orchestra.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720ke), 6 p. m., WEAF; 8, services; 9, Nash-Finch concert orchestra; 10:05, Wallie Erickson's Coliseum orchestra; 11:30, organ recital, Eddie Dunstedter.

WCOA, Pensacola, Fla. (222m-1350ke), 7 p. m., U. S. Naval Air station band.

WDAF, Kansas City, Mo. (365.6m-820ke), 6-7 p. m., Trianon ensemble; 8-9, WEAF; 9-10, McDowell chorus; 11:45-1 a. m., frolic.

WHA, Madison, Wis. (535.4m-560ke), 8 p. m., School of music.

WHAS, Louisville, Ky. (399.8m-750ke), 7:30-9 p. m., Honolulu serenaders.

WHB, Kansas City, Mo. (365.6m-820ke), 7-8 p. m., Rosedale Kansas high school orchestra, glee club; 10:30-11:30, midweek musicale.

WHO, Des Moines, Iowa (526m-570ke), 6-7 p. m., Bankers Life Little symphony orchestra; 7-7:15,



Ye Olde Tyme Village quartet composed of Thelma Baird, soprano; W. H. Norris, bass; A. C. Chapman, tenor; Mrs. A. C. Chapman, accompanist; and Betty Thompson MacKenzie, contralto, has given over sixty concerts this season through the CNR stations. To the right is Richard Czerwonko who conducts the Czerwonko string quartet which is so well liked at WJAZ, Chicago.

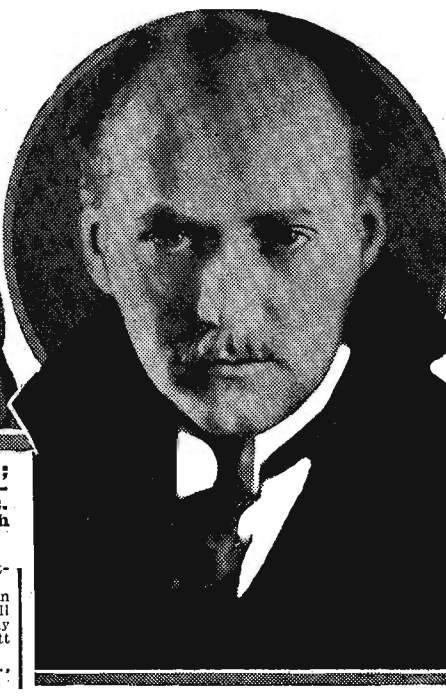
Laurier concert orchestra; 9, Madame Antonio Tremblay, mezzo-soprano; Dora Villeneuve, pianist; Chateau Laurier dance orchestra.

WCAU, Philadelphia, Pa. (277.6m-1080ke), 7:30 p. m., recital, N. Shenelburg and company; 8, talk; 8:15, Joe Murphy, piano; 8:30, Miller piano period; 9, Gol-Mar crochets; 9:45, Senator Hassenspoffer, "Tonics of the Day"; 9:45, recital; 10, concert; 11, Artie Blittong's Cheer-Up club.

Simon Oliver, pianist; R. Thomas; 12:30 a. m., Settin' Up hour.

WJR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:45, Goodwill Oakland; 9, Jean Goldkette's orchestra; 11, Murphy Brothers organ; 12 midnight, Merry Old Chief, Jewett Radio Jesters.

WKAR, Lansing, Mich. (285.5m-1050ke), 8-9 p. m., musical program.



Wednesday, May 19

'Uncle Dutch' stories; 7:15-8:15, Irene Doran and her Little symphony orchestra; 8:15-9, Dr. and Mrs. H. Hurd, Hawaiian guitar artists; Kate Miller, whistler; Maude Hughes, accompanist; Harry Lewis and Norman Broholm, popular songsters; 9-12, dance program.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6 p. m., dinner concert, Brown Palace string orchestra; 7, open-air twilight concert, Greek theater; 8, studio program; KOA orchestra, address; choir, vocal selections, quartet; development of Oratorio.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m., Grebe Synchrophase string ensemble; 7:30-8, Nick Harris' detective story; 8-9, program, California Petroleum corp.; 9-10, hour with the classics; 10-11, popular program.

Thursday, May 20

Headliners Today

Table with 5 columns: Station, Eastern, Central, Mountain, Pacific. Lists headliners for various stations like WLV, WJZ, WBAE, etc.

Thursday, silent night for: CHIC, CKNC, CNRA, CNRE, CNRO, CNRR, CNRT, CNRV, CNRW, KFAB, KFAU, KFMA, KFOA, KFUD, KFWA, KX, KMO, KOA, KOAC, KOB, KSAC, KWSC, PWX, WABQ, WAFD, WAHG, WAIU, WCAP, WCEE, WDD, WEAO, WEBJ, WEBW, WMC, WGF, WHA, WHAD, WHAZ, WIJD, WMAK, WMAZ, WNAD, WOOD, WOR, WOS, WSM, WSUI, WTAM.

Atlantic or Eastern Daylight Saving Time Stations

CKAC, Montreal, Can. (410.7m-730kc), 7:15 p. m., Windsor hotel dinner concert; 10:30, dance program. CKNC, Toronto, Canada (356.9m-840kc), 8 p. m., Charles E. Bodley and his dance orchestra; Victory Brothers. CNRM, Montreal, Canada (410.7m-730kc), 9 p. m., W. J. Stephenson, bass; V. Taranto, violinist; Bessie Anderson, soprano; Jean Belland, cellist.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert, Little symphony orchestra; 8:15, farm program; 8:30, with famous composers, Cecile Louise Stephens, Clarinet, Little symphony; 9, Little symphony; 11, Pittsburgh Post concert. WADC, Akron, Ohio (258.5m-1100kc), 8 p. m., studio program; 9, dance orchestra, Riverview Park; 10, studio program.

D. m., WEAF; 7, WEAF; 9, LaSebana program, Justite boys. WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Harmon ensemble; 11:45-1 a. m., frolic. WFAA, Dallas, Texas (475.9m-830kc), 6:30-7:30 p. m., Jimmie Joy's orchestra; 8:30-9:30, Little symphony orchestra. WGST, Atlanta, Ga. (270.1m-1100kc), 7-8 p. m., Charles Carter, baritone.

Mountain Standard Time Stations

CNRC, Calgary, Can. (435.8m-688kc), 9 p. m., program, Gladys Webb Foster, director; George Burrell, tenor. KXFP, Colorado Springs, Colo. (249.9m-1200kc), 9 p. m., Colorado Serenaders; Ned Nicholson, Cleveland Davy, Tony Green, Jack Tucker, Harry Wilson, Joe Garrity, Mildred Sanders.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., program, students University of Southern California; 8-9, hour of old-time ballads; 9-10, popular songs hits of the day; 10-11, Patrick-Marsh dance orchestra, Betty Patrick, soloist. KFWE, Hollywood, Calif. (252m-1100kc), 6:30-7:30 p. m., Pontiac six dinner hour; 8-9, Warner Brothers synchro and Sol Hoopii's Hawaiians; 9-10, program, Dell's Ice Cream; 10-11, Warner Brothers frolic.

Friday, May 21

Headliners Today

Table with 5 columns: Station, Eastern, Central, Mountain, Pacific. Lists headliners for various stations like WJZ, WBAE, WJW, etc.

Atlantic or Eastern Daylight Saving Time Stations

CNRA, Moncton, Canada (312.4m-960kc), 10 p. m., Philharmonie quartet; 11, Luigi Romanelli and his King Edward hotel dance orchestra. CNRT, Toronto, Canada (356.9m-840kc), 6:30 p. m., Luigi Romanelli and his King Edward hotel concert orchestra; 10, Philharmonie quartet.

dial Shoo Serenaders; 8:30, Bonnie Laddles; 9, Snider's Catsup hour; 10:30, Hotel Lorraine Grill orchestra. WLIT, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Dream Daddy's bedtime stories; 8:30, 'Pinafore,' University of Pennsylvania; 10:30, Rufus and Rastus; 11, Morning Glory club concert. WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-9 p. m., musical; 9-10, musical program.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert; 8:30, old-fashioned quartet; Irma Carter, soprano; Viola Bygson, contralto; Roy Strayer, tenor; Raymond Griffin, bass. WADC, Akron, Ohio (258.5m-1100kc), 9 p. m., dance orchestra, Riverview Park. WBAL, Baltimore, Md. (245.8m-1200kc), 8-9 p. m., Bessie Evans, artists; Florence Walden Otey, pianist; 9-10, WBAL trio; John Wilbourn, tenor; 10-10:30, WBAL mixed quartet; 10:30-11, Peabody Conservatory of Music.

Friday, May 21

neapolis public school hour; 11, Skyrocket frolic, Golden Gate orchestra. WBAP, Fort Worth, Texas (475.9m-630ke), 7:30-8:30 p. m., Prof. H. D. Guelick; 9:30-11, musicale; 11-12 midnight, Panther Hawaiian trio. WCCO, Minneapolis-St. Paul, (416.4m-720ke), 6:15 p. m., Dick Long's Nankin Cafe concert orchestra; 8, WEAF; 8:30, Watkins family party; 10:05, Dick Long's Nankin Cafe dance orchestra. WCOA, Pensacola, Fla. (222m-1350ke), 7 p. m., Episcopal church choir; West Florida dance orchestra. WDAF, Kansas City, Mo. (365.6m-820ke), 6-7 p. m., Trianon ensemble; 8-8:30, WEAF; 8:30-9:30, varied musical program; 11:45-1 a. m., Nighthawk frolic. WFAA, Dallas, Tex. (425.9m-630ke), 6:30-7:30 p. m., Honey Boys orchestra; 8:30-9:30, male quartet. WGBF, Evansville, Ind. (236.1m-1270ke), 7 p. m., musical program; 8, sacred music; 11, D-X Hunting club. WHA, Madison, Wis. (535.4m-560ke), 8 p. m., vocal recital, Mrs. R. F. Bradley. WHAS, Louisville, Ky. (399.8m-750ke), 7:30-9 p. m., concert. WHB, Kansas City, Mo. (365.6m-820ke), 7-8 p. m., visiting talent, Stewartville, Mo. WHO, Des Moines, Iowa (526m-570ke), 7:30-9 p. m., program, Mu Phi Epsilon National music society; 11-12, Philbrick and his Yorker Tea room orchestra. WMC, Memphis, Tenn. (499.7m-600ke), 8:30 p. m., Hotel Gayoso orchestra; 11, frolic. WOAW, Omaha, Neb. (526m-570ke), 6:50 p. m., Gilbert Jaffy, violinist; Harry Bravloff, pianist; 9, Puritan program; 10:30, Nighthawk orchestra. WOC, Davenport, Iowa (483.6m-620ke), 9:30-10:30 p. m., Mrs. Carlton Chaney, soprano; Chris Oberlander, reader; Harry Zezelle Mercer, tenor. WOS, Jefferson City, Mo. (440.9m-680ke), 8:30 p. m., musical program; 10, Daniel Boone Jones, old fiddling champion. WRR, Dallas, Texas (245.8m-1220ke), 6-7 p. m., Jack Gardner's orchestra; 8-9, Magnolia Petroleum company band; 11-12 midnight, musicale. WSB, Atlanta, Ga. (428.3m-700ke), 8 p. m., program, Gordon Martin Ten. WSM, Nashville, Tenn. (282.8m-1060ke), 7 p. m., Benley Smith's orchestra; 8:15, program, piano recital; 10, Signor De Luca, vocalist. WSOE, Milwaukee, Wis. (245.8m-1220ke), 8:45 p. m., weekly book review; 9, Candygram.

Mountain Standard Time Stations

CNRE, Edmonton, Can. (516.9m-580ke), 8:30-10:30 p. m., Alberta College North Mandolin banjo and guitar orchestras. KFXX, Colorado Springs, Colo. (249.9m-1200ke), 8

p. m., Gilbert McClurg; Mrs. John Speed Tucker, soprano; Mrs. Eleanor C. LaCroix, pianist. KOA, Denver, Colo. (322.4m-930ke), 6 p. m., dinner concert, Brown Palace string orchestra; 7, open-air twilight concert, Longmont boys' band; 8, instrumental program, Scheuerman's orchestra; 8:30, special studio program, development of grand opera, address; KOA orchestra, quartet, chorus, excerpts from operas; Lamont singers; Julian Riley, violinist.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642ke), 7-7:30 p. m., Carlyle Stevenson's orchestra; 7:30-8, Felipe Delgado's media hora espanola; 8-9, Aeolian organ; 9-10, Julietta Burnette, soprano; Mutual Motors mirth contest; 10-11, Packard ballad hour. KFNB, Hollywood, Calif. (252m-1190ke), 6:30-7:30 p. m., Pontiac six dinner hour; 7:30-8, program, Paralta studios; 8-9, program, John Wright, The Right Tailor; 9-10, program, Sealy Mattress company; 10-11, Warner Brothers frolic. KGW, Portland, Ore. (491.5m-610ke), 6-7 p. m., dinner music; 8-9, musicale; 9-10:30, Sherman, Clay and company; 10-12 midnight, Hood Owls. KHJ, Los Angeles, Calif. (405.2m-740ke), 6:30-7:30 p. m., children's hour with Uncle John; 8-10, Jose Arias and his Mexican entertainers. KNX, Hollywood, Calif. (316.9m-890ke), 7-8 p. m., Bad Egg club; 8-9, Jell-X-Cell with Charlie Melson and his Playboys; 9-10, Order of Optimists Donuts; 10-11, Hollywood American Legion fights; 11-12, Ambassador hotel dance orchestra. KOAC, Corvallis, Ore. (280.2m-1070ke), 8-9 p. m., music. KPO, San Francisco, Calif. (428.3m-700ke), 6:30-7 p. m., States Restaurant orchestra; 8-9, San Francisco Advertising club glee club; 9-10, Palace Hotel Rose Room dance orchestra; 10-11, States Restaurant orchestra. KTAB, Oakland, Calif. (239.9m-1250ke), 8-10 p. m., program by Breuner's. KWSG, Pullman, Wash. (348.6m-860ke), 7:15 p. m., string trio, Norma Sparlin, Catherine Robinson, Evelyn Sparlin; Marguerite Sadder, vocalist.

Saturday, May 22

Headliners Today

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

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

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

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (358.9m-840ke), 9 p. m., musical comedy selections, dance orchestra. CNRO, Ottawa, Can. (434.5m-690ke), 8 p. m., Chateau Laurier concert orchestra; 9, program; dance orchestra. WEAF, New York, N. Y. (491.5m-610ke), 4-12 midnight, Vincent Lopez and his orchestra; Lou Raderman's Pelham Health Inn orchestra; Vincent Lopez and his orchestra. WEEI, Boston, Mass. (348.6m-860ke), 7:30 p. m., Lucerne-in-Maine quintet. WFI, Philadelphia, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 9, Lu Lu Temple glee club. WHAR, Atlantic City, N. J. (275.1m-1090ke), 8 p. m., Seaside hotel trio. WIP, Philadelphia, Pa. (508.2m-590ke), 6:05 p. m., Benjamin Franklin hotel concert orchestra; 7, sextet from Crosson School of Burholme; 8, final concert of season, of orchestra and glee club of Eastern State Penitentiary; 10:30, El Patio dance orchestra; 11:05, organ recital. WJZ, New York, N. Y. (454.3m-660ke), 7 p. m., Hotel Commodore concert orchestra; 8, Congressional Forum; 10:30, Hotel Vanderbilt orchestra. WLIT, Philadelphia, Pa. (394.5m-760ke), 7:30 p. m., Benjamin Franklin hotel concert orchestra. WMAK, Buffalo, N. Y. (263.3m-1190ke), 6:15-7:15 p. m., dinner music; 7:30-8:30, musical dance program; 8:30-10, musicale. WMCA, New York, N. Y. (340.7m-880ke), 6 p. m., Olcott Hall and his orchestra; 7, orchestra; 10, Norman Pearce, reader; 11, Ernie Golden and his orchestra. WOO, Philadelphia, Pa. (508.2m-590ke), 7:30 p. m., delphia dinner dance orchestra. WOR, New York, N. Y. (495.2m-740ke), 6:30 p. m., Jacques Jacob's Hotel Shelton ensemble; 7:30-7:45, Van's Collegians; 8:45, Copenhagen quartet; 9:15, La-Forge-Berumen studio musicale. Eastern Standard or Central Daylight Saving Time Stations KDKA, Pittsburgh, Pa. (309.1m-970ke), 5:30 p. m.,

dinner concert, Westinghouse band; 8, farm program; 8:30, Westinghouse band concert. WBBM, Chicago, Ill. (225.4m-1330ke), 8-10 p. m., Ale-mite orchestra; Ziegler Stars, Trio; 10-11, dance period; 12-2 a. m., Matched Unit quartet; Ziegler Stars. WBZ, Springfield, Mass. (333.1m-900ke), 6:15 p. m., Capitol theater orchestra; 6:45, Dr. D. M. Staley, reader; 7, Schuman vocal and instrumental ensemble; 8, Phil Lawrence's orchestra. WEBB, Chicago, Ill. (370.2m-810ke), 8 p. m., songs, Frank Grell; 9:15-10, Edgewater Beach hotel Oriole orchestra; 11-12 midnight, Oriole orchestra; Kay Rounayne; 1 a. m., Oriole orchestra; 1-3, frolic. WENR, Chicago, Ill. (265.3m-1130ke), 6-7 p. m., Rauland lyric trio; 8-9, Arthur Dunas popular program; 9-10, All-American Pioneers; 12-2, frolic. WGN, Chicago, Ill. (302.8m-990ke), 6:45-6:55 p. m., musical program; 6:55-7:15, Drake concert ensemble, Blackstone string quintet, request program; 8-8:10, Auld Sandy; 8:10-8:30, musical program; 8:30-9:30, light opera concert; 9:30-10, old-time prize fight; 10:10-10:30, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:30, play shop; 10:40-11, ensemble. WGY, Schenectady, N. Y. (379.5m-790ke), 6:30 p. m., Hotel Onondaga program; 9:30, dance music, Syracuse hotel orchestra. WHT, Chicago, Ill. (399.8m-750ke), 7 p. m., Al Carney organist; 8:45-10:15 (238m-1260ke), Cinderella orchestra; 10:30 (399.8m-750ke), Kitchen Klezzer entertainers; 10:50, Jack Turner; Irene Smith; 12 midnight, your hour. WIBO, Chicago, Ill. (225.4m-1330ke), 6-8 p. m., dinner program; string trio; Frances Schlee, soprano; George Hancor, baritone; Thelma Maxwell, contralto; Roger Tighe, tenor; organ recital. WJAZ, Chicago, Ill. (329.5m-910ke), 9-12 a. m., Club Chez Pierre; Earl Hoffman's Chez Pierre orchestra; program, Piers studio, popular Zentib artists. WJJD, Mooseheart, Ill. (370.2m-810ke), 5:40-7 p. m., dinner concert; Howard Peterson; symphony players; Victorians; 8-9, Victorians; Isabel Defaut; Edson Farrar; 10-11, Isabel Defaut, Victorians, Cook Sisters; 12-1 a. m., Settlin' Up hour; Victorians, Jack Nelson. WJR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Strom-feltz-Loveley serenaders; 9, Jean Goldkette's serenaders; 10, Jean Goldkette's Victor Recording orchestra; 11:30, Merry Old Chief. WLS, Chicago, Ill. (344.6m-870ke), 6:30 p. m., Elsie Look, organist; 7:15, barn dance. WLW, Cincinnati, Ohio (422.3m-710ke), 7 p. m., popular organ concert, Johanna Grosse; 7:30, Meeting of the Sekatary Hawkins Radio club; 8, Johanna Grosse; 8:30, readings, Bertha Piebach Markbreit; 9, Henry Thies and his orchestra. WMAQ, Chicago, Ill. (447.5m-670ke), 8 p. m., Chicago theater organ; 6:30, Hotel LaSalle orchestra; 8, Day and Pratt; 8:30, photologue; 9, Chicago theater revue. WMBB, Chicago, Ill. (249.9m-1200ke), 7-8 p. m., Trianon ensemble; Hilda Hinrichs, cellist; Margaret Conrad, violinist; Preston Graves, pianist; Franklin Kidd, tenor; Arvid Anderson, program; 9-11, Trianon orchestra; ensemble; Andy Anderson, Trianon synopa-

FARMERS' PROGRAMS 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.

Saturday, May 15

Atlantic Eastern Central Mountain Pacific 2 p. m. 1 12 n. 11 10 KPRC (286.9m-1010ke), Farmers' educational and musical program. 2:45 1:45 12:45 11:45 10:45 WOI (270m-1110ke), Soils, questions and answers. 9 8 7 6 5 KDKA (309.1m-970ke), Farm program. 10:30 9:30 8:30 7:30 6:30 KFAU (280.2m-1070ke), Agricultural talk, question box.

Sunday, May 16

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

Monday, May 17

Atlantic Eastern Central Mountain Pacific 1 a. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty Farm fashes. 2:15 p. m. 1:15 12:15 11:15 10:15 WOC (483.6m-620ke), "How Much Are Oats Worth for Growing Pigs?" WEOA (293.9m-1020ke), Timely Economic Information for the farmer, C. J. West. 2:45 1:45 12:45 11:45 10:45 WOI (270m-1110ke), "Eradication of Tuberculosis in Livestock." WMAQ (447.5m-670ke), Radio farm school. 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "How Much Are Oats Worth for Growing Pigs?" 8 7 6 5 4 WTAG (287.7m-1120ke), "Pest Control in the Garden." 8:15 7:15 6:15 5:15 4:15 WGY (379.5m-790ke), Agricultural program. 8:30 7:30 6:30 5:30 4:30 KSAC (340.7m-880ke), Feeders' Day. 9 8 7 6 5 WOS (440.9m-680ke), Livestock questions and answers. 9:30 8:30 7:30 6:30 5:30 KUOA (299.8m-1000ke), Farm Philosophy, Cy Adams. "Treatment of Stomach Worms in Sheep." "Poems About the Farm." "A Model Dairy." "Sterilizing Milk Vessels." WMC (499.7m-600ke), Farm talk. WOI (270m-1110ke), Horticultural Short Course lecture, "Cantaloupes." 9:45 8:45 7:45 6:45 5:45 WOCO (416.4m-720ke), Farm lecture. 10:05 9:05 8:05 7:05 6:05 KPAB (340.7m-880ke), "Opportunities in Animal Husbandry." 11:30 10:30 9:30 8:30 7:30 KOAC (280.2m-1070ke), Market news. KWSC (348.6m-860ke), "Contribution of Science to the Dairy Industry." "The Detection of Adulterations in Milk." 11:45 10:45 9:45 8:45 7:45 KOAC (280.2m-1070ke), "Why Cream Tests Vary." 12 m. 11 10 9 8 KOAC (280.2m-1070ke), Uncle Bert, the garden expert. 12:05 a. m. 11:05 10:05 9:05 8:05 KGO (361.2m-830ke), Agricultural Outlook. 12:15 11:15 10:15 9:15 8:15 KOAC (280.2m-1070ke), "Improving the Labor Program on the Oregon Farm." 12:30 11:30 10:30 9:30 8:30 KOAC (280.2m-1070ke), "Oregon's Agricultural Situation."

Tuesday, May 18

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty Farm fashes. 2:15 1:15 12:15 11:15 10:15 WOC (483.6m-620ke), "The Answers to Some of Your Poultry Problems." 2:45 1:45 12:45 11:45 10:45 WMAQ (447.5m-670ke), Radio farm school. WOI (270m-1110ke), "Animal Husbandry." 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "The Answers to Some of Your Poultry Problems." 9:33 8:33 7:33 6:33 5:33 KYW (535.4m-560ke), American Farm Bureau Federation. 10:30 9:30 8:30 7:30 6:30 KOA (322.4m-930ke), Farm question box.

Wednesday, May 19

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty Farm fashes. 2:15 1:15 12:15 11:15 10:15 WEOA (293.9m-1020ke), Ohio Spray service. WOC (483.6m-620ke), "Handling Dairy Products in Hot Weather." 2:30 1:30 12:30 11:30 10:30 WFAA (475.9m-630ke), Sears-Roebuck Agricultural program. 2:45 1:45 12:45 11:45 10:45 WMAQ (447.5m-670ke), Radio farm school. WOI (270m-1110ke), Poultry husbandry. 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "Handling Dairy Products in Hot Weather." 9 8 7 6 5 WOS (440.9m-680ke), Evening market hour, poultry questions and answers. 9:30 8:30 7:30 6:30 5:30 KPAB (340.7m-880ke), "Opportunities in Agricultural and Industrial Journalism." "Control of Insect Pests of the Season." 10:30 9:30 8:30 7:30 6:30 KWSC (348.6m-860ke), "Relation of Entomology to Plant Diseases in Controlling Potato Mosaic." "The Value of Paint on the Farm." "Strawberry Root Weevil."

Thursday, May 20

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty farm fashes. 2:15 1:15 12:15 11:15 10:15 WOC (483.6m-620ke), "Sweet Clover for Pastures." 2:45 1:45 12:45 11:45 10:45 WMAQ (447.5m-670ke), Radio farm school. WOI (270m-1110ke), Farm crops. 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "Sweet Clover for Pastures." 9:30 8:30 7:30 6:30 5:30 WOI (270m-1110ke), "Pulling Pork Out of the Mud." 9:33 8:33 7:33 6:33 5:33 KYW (535.4m-560ke), American Farm Bureau. 10:30 9:30 8:30 7:30 6:30 KOA (322.4m-930ke), Farm question box.

Friday, May 21

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty farm fashes. 2:15 1:15 12:15 11:15 10:15 WOC (483.6m-620ke), Special Farm Service Day. KTHS (374.8m-800ke), Farmers' Radio Chautauqua. KFKX (288.3m-1040ke), Special Farm Service Day. 2:45 1:45 12:45 11:45 10:45 WOI (270m-1110ke), Agricultural Economics. 9 8 7 6 5 KFKX (288.3m-1040ke), Special Farm Service Day. 9:33 8:33 7:33 6:33 5:33 WOS (440.9m-680ke), Evening Market hour, Dairy questions and answers. 9:15 8:15 7:15 6:15 5:15 KSO (242m-1240ke), Farm talk. 9:30 8:30 7:30 6:30 5:30 WOC (483.6m-620ke), Question box. 9:45 8:45 7:45 6:45 5:45 KOAC (416.4m-720ke), Farm lecture. 10 9 8 7 6 WHA (535.4m-560ke), Orderly Marketing. Quality Products. Economical Production. 11:15 10:15 9:15 8:15 7:15 KWSC (348.6m-860ke), "The Labor Problems of the Farmer." "Contributions of Science to the Dairy Industry."

Saturday, May 22

Atlantic Eastern Central Mountain Pacific 2 p. m. 1 12 n. 11 10 KPRC (296.9m-1010ke), Farmers' educational and musical program. 2:45 1:45 12:45 11:45 10:45 WOI (270m-1110ke), Soils, questions and answers. 9 8 7 6 5 KDKA (309.1m-970ke), Farm program. 10:30 9:30 8:30 7:30 6:30 KFAU (280.2m-1070ke), Agricultural talk, question box.

Sunday, May 23

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

Monday, May 24

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty farm fashes.

Atlantic Eastern Central Mountain Pacific 2:15 p. m. 1:15 12:15 11:15 10:15 WEOA (293.9m-1020ke), Timely Economic Information for the farmer, C. J. West. WOC (483.6m-620ke), "Is Rye Grain Poisonous to Swine?" 2:30 1:30 12:30 11:30 10:30 WFAA (475.9m-630ke), Sears-Roebuck Agricultural program. 2:45 1:45 12:45 11:45 10:45 WMAQ (447.5m-670ke), Radio farm school. WOI (270m-1110ke), Talks. 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "Is Rye Grain Poisonous to Swine?" 9 8 7 6 5 WGY (379.5m-790ke), Agricultural program. 8:30 7:30 6:30 5:30 4:30 KSAC (340.7m-880ke), Agricultural Economics. Dairy Husbandry. 9 8 7 6 5 WOS (440.9m-680ke), Livestock questions and answers. 9:30 8:30 7:30 6:30 5:30 KUOA (299.8m-1000ke), Farm Philosophy, Cy Adams. "Teach Growing Johnson County." "What Is Soil—and Why?" WMC (499.7m-600ke), Farm talk. WOI (270.1m-1110ke), Talk. 10:35 9:35 8:35 7:35 6:35 KPAB (340.7m-880ke), "Plant Pathology as a Life Work." 11:30 10:30 9:30 8:30 7:30 KOAC (280.2m-1070ke), Market news. KWSC (348.6m-860ke), "Laying the Foundation for Good Seed." 11:45 10:45 9:45 8:45 7:45 KOAC (280.2m-1070ke), "Making Butter in the Home for Winter Use." 12 m. 11 10 9 8 KOAC (280.2m-1070ke), Uncle Bert the Garden Expert. 12:15 a. m. 11:15 10:15 9:15 8:15 KOAC (280.2m-1070ke), "Reducing the Cost of Milk Production in Oregon." 12:30 11:30 10:30 9:30 8:30 KOAC (280.2m-1070ke), "Pure Water on the Farm and How to Obtain It."

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty farm fashes. 2:15 1:15 12:15 11:15 10:15 WEOA (293.9m-1020ke), Ohio Spray Service. WOC (483.6m-620ke), "Poultry's Place on the Farm." 2:45 1:45 12:45 11:45 10:45 WMAQ (447.5m-670ke), Radio farm school. WOI (270m-1110ke), "Animal Husbandry." 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "Poultry's Place on the Farm." 8:30 7:30 6:30 5:30 4:30 KSAC (340.7m-880ke), Potato Disease Demonstrations in 1926 and Their Significance to Kansas Potato Growers." 9:33 8:33 7:33 6:33 5:33 KYW (535.4m-560ke), American Farm Bureau Federation. 10:30 9:30 8:30 7:30 6:30 KOA (322.4m-930ke), Farm question box.

Wednesday, May 26

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty farm fashes. 2:15 1:15 12:15 11:15 10:15 WEOA (293.9m-1020ke), Ohio Spray Service. WOC (483.6m-620ke), "Does Silage Pay?" 2:30 1:30 12:30 11:30 10:30 WFAA (475.9m-630ke), Sears-Roebuck Agricultural program. 2:45 1:45 12:45 11:45 10:45 WMAQ (447.5m-670ke), Radio farm school. WOI (270m-1110ke), Poultry husbandry. 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "Does Silage Pay?" 9 8 7 6 5 WOS (440.9m-680ke), Evening market hour, poultry questions and answers. 9:15 8:15 7:15 6:15 5:15 KPAB (340.7m-880ke), "Opportunities in Agricultural Chemistry." "Agricultural College Poultry Picnic Day." 11:15 10:15 9:15 8:15 7:15 KWSC (348.6m-860ke), "The Horsehoe." "What the Accredited Hatchery System Has Done for Washington Poultry."

Thursday, May 27

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty farm fashes. 2:45 1:45 12:45 11:45 10:45 WOC (483.6m-620ke), Talks.

Atlantic Eastern Central Mountain Pacific 2:15 p. m. 1:15 12:15 11:15 10:15 WEOA (293.9m-1020ke), Timely Economic Information for the farmer, C. J. West. WOC (483.6m-620ke), "Is Rye Grain Poisonous to Swine?" 2:30 1:30 12:30 11:30 10:30 WFAA (475.9m-630ke), Sears-Roebuck Agricultural program. 2:45 1:45 12:45 11:45 10:45 WMAQ (447.5m-670ke), Radio farm school. 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "Is Rye Grain Poisonous to Swine?" 9 8 7 6 5 WGY (379.5m-790ke), Agricultural program. 8:30 7:30 6:30 5:30 4:30 KSAC (340.7m-880ke), Agricultural Economics. Dairy Husbandry. 9 8 7 6 5 WOS (440.9m-680ke), Livestock questions and answers. 9:30 8:30 7:30 6:30 5:30 KUOA (299.8m-1000ke), Farm Philosophy, Cy Adams. "Teach Growing Johnson County." "What Is Soil—and Why?" WMC (499.7m-600ke), Farm talk. WOI (270.1m-1110ke), Talk. 10:35 9:35 8:35 7:35 6:35 KPAB (340.7m-880ke), "Plant Pathology as a Life Work." 11:30 10:30 9:30 8:30 7:30 KOAC (280.2m-1070ke), Market news. KWSC (348.6m-860ke), "Laying the Foundation for Good Seed." 11:45 10:45 9:45 8:45 7:45 KOAC (280.2m-1070ke), "Making Butter in the Home for Winter Use." 12 m. 11 10 9 8 KOAC (280.2m-1070ke), Uncle Bert the Garden Expert. 12:15 a. m. 11:15 10:15 9:15 8:15 KOAC (280.2m-1070ke), "Reducing the Cost of Milk Production in Oregon." 12:30 11:30 10:30 9:30 8:30 KOAC (280.2m-1070ke), "Pure Water on the Farm and How to Obtain It."

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty farm fashes. WOC (483.6m-620ke), "Poultry's Place on the Farm." 2:45 1:45 12:45 11:45 10:45 WMAQ (447.5m-670ke), Radio farm school. WOI (270m-1110ke), "Animal Husbandry." 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), "Poultry's Place on the Farm." 8:30 7:30 6:30 5:30 4:30 KSAC (340.7m-880ke), Potato Disease Demonstrations in 1926 and Their Significance to Kansas Potato Growers." 9:33 8:33 7:33 6:33 5:33 KYW (535.4m-560ke), American Farm Bureau Federation. 10:30 9:30 8:30 7:30 6:30 KOA (322.4m-930ke), Farm question box.

Friday, May 28

Atlantic Eastern Central Mountain Pacific 1 p. m. 12 n. 11 10 9 WRC (468.5m-640ke), Fifty farm fashes. 2:15 1:15 12:15 11:15 10:15 WEOA (293.9m-1020ke), Ohio Spray Service. WOC (483.6m-620ke), Special Farm Service Day. KTHS (374.8m-800ke), Farmers' Radio Chautauqua. 2:45 1:45 12:45 11:45 10:45 WOI (270m-1110ke), Agricultural Economics. 2:50 1:50 12:50 11:50 10:50 KFKX (288.3m-1040ke), Special Farm Service Day. 9 8 7 6 5 WOS (440.9m-680ke), Evening Market hour, Dairy questions and answers. 9:15 8:15 7:15 6:15 5:15 KSO (242m-1240ke), Farm talk. 9:30 8:30 7:30 6:30 5:30 WOC (483.6m-620ke), Question box. 11:15 10:15 9:15 8:15 7:15 KWSC (348.6m-860ke), "Swarming Not Indicative of Good Beekeeping."

Saturday, May 29

Atlantic Eastern Central Mountain Pacific 2 p. m. 1 12 n. 11 10 KPRC (296.9m-1010ke), Farmers' educational and musical program. 2:45 1:45 12:45 11:45 10:45 WOI (270m-1110ke), Soils, questions and answers. 9 8 7 6 5 KDKA (309.1m-970ke), Farm program. 10:30 9:30 8:30 7:30 6:30 KFAU (280.2m-1070ke), Agricultural talk, question box.

Sunday, May 30

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

Saturday, May 22

WCAU, Philadelphia, Pa. (277.6m-1080kc), 11 a. m., Unitarian church services; 5 p. m., recital; 5:15, undenominational church services, Rev. John W. Stockwell, pastor; 5:35, sermon, Rev. John W. Stockwell; 6:30, Pennsylvania hotel concert orchestra; 8, Bonwit Teller ensemble.

Central Standard Time Stations

KFAB, Lincoln, Neb. (340.7m-880kc), 5:30-6:30 p. m., University of Nebraska entertainers.

Mountain Standard Time Stations

KFAU, Boise, Idaho (280.2m-1070kc), 8:15-10 p. m., program, Mrs. Freda Benson, director.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Al Wesson's orchestra; 8-9, Nebbett concert trio and soloists; 9-10, Virginia Flohr, soprano; Olga Steffani, contralto; Robert Hurd, tenor; 10-11, Packard Radio club; 11-2 a. m., KFI midnight frolic, Bob Wagner, master of ceremonies.

Sunday, May 23

Headliners Today

Atlantic Eastern Central Mountain Pacific 9 p. m. 8 7 6 5

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., Timothy

Eaton Memorial church; 7 p. m., St. Paul's Anglican church.

GENERAL TALKS AND SPEECHES

Saturday, May 15

Atlantic Eastern Central Mountain Pacific 8:30 p. m. 7:30 6:30 5:30 4:30

Monday, May 17

Atlantic Eastern Central Mountain Pacific 7 p. m. 6 5 4 3

Tuesday, May 18

Atlantic Eastern Central Mountain Pacific 7:30 p. m. 6:30 5:30 4:30 3:30

Wednesday, May 19

Atlantic Eastern Central Mountain Pacific 9 p. m. 8 7 6 5

Thursday, May 20

Atlantic Eastern Central Mountain Pacific 7:30 p. m. 6:30 5:30 4:30 3:30

Friday, May 21

Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4

Saturday, May 22

Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4

Monday, May 31

Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4

Friday, May 21

Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4

Monday, May 24

Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4

Friday, May 21

Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4

musical exercises, Bethany Sunday school; 6, organ recital.

GENERAL TALKS AND SPEECHES

Saturday, May 15

Atlantic Eastern Central Mountain Pacific 10 p. m. 9 8 7 6

Monday, May 17

Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4

Tuesday, May 18

Atlantic Eastern Central Mountain Pacific 8:20 p. m. 7:20 6:20 5:20 4:20

Wednesday, May 19

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Thursday, May 20

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Friday, May 21

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Saturday, May 22

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Monday, May 31

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Friday, May 21

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Monday, May 24

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Friday, May 21

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

ices, First Presbyterian church; 8:30, concert, the H. & S. Pogue company orchestra; soloist, Helen Remley.

GENERAL TALKS AND SPEECHES

Saturday, May 15

Atlantic Eastern Central Mountain Pacific 10 p. m. 9 8 7 6

Monday, May 17

Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4

Tuesday, May 18

Atlantic Eastern Central Mountain Pacific 8:20 p. m. 7:20 6:20 5:20 4:20

Wednesday, May 19

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Thursday, May 20

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Friday, May 21

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Saturday, May 22

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Monday, May 31

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Friday, May 21

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Monday, May 24

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Friday, May 21

Atlantic Eastern Central Mountain Pacific 11:30 p. m. 10:30 9:30 8:30 7:30

Monday, May 24

E. Snellenburg and company recital: 8, Carolyn Thawson, soprano; Ella Jaquette, pianist; 8:30, the Hood Boys; 8:45, recital; 9, Merry Minstrels; 10, Madrigal mixed quartet.
WEAF, New York, N. Y. (491.5m-610ke), 4-12 midnight, John A. Parrish, tenor; I. J. Greenwood, pianist; Margaret Mack, soprano; Edgar Gruen, baritone; Jean Van Olanda, pianist; Edna Van Olanda, violinist; A. and P. Gypsies; "Mignon," WEAF Grand Opera company; WOO, WCAB, WJAB, WCAP, KSD, WTAG, WTIC.
WFI, Philadelphia, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.
WGR, Buffalo, N. Y. (319m-940ke), 6:30 p. m., The Californians; 8, Dixie Six orchestra; Jack Bishop; 9, program, General Ice Cream company; 10, Charles Duff, blind pianist; 11, Vincent Lopez Hotel Statler dance orchestra.
WHAR, Atlantic City, N. J. (275.1m-1090ke), 8 p. m., Seaside hotel trio; 11, Follies Bergere dance orchestra.
WHN, New York, N. Y. (361.2m-830ke), 6:30 p. m., movie club; 7:30, Joe Ward's Swanee entertainers; 8:05, Roseland dance orchestra; 8:30, George's Surprise; 9, Leverich Three and "Peter the Great"; 9:30, Loew's New York orchestra; 10, Palisades Amusement Park orchestra; 10:30, Leary Smith's orchestra; 11, Cotton club orchestra; 11:30, Club Alabama orchestra; 12 midnight, Silver Slipper orchestra.
WIP, Philadelphia, Pa. (508.2m-590ke), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.
WJAR, Providence, R. I. (305.9m-980ke), 7:45 p. m., musical program; 9-11, WEAF.
WJZ, New York, N. Y. (454.3m-660ke), 7 p. m., Hotel Madison dinner concert; 7:35, John B. Kennedy; 8, B. Fisher and company's Astor Coffee orchestra; 9, Reading Railroad Revelers; 10, Moorland hour; 10:45, Harry Leonard's Waldorf-Astoria orchestra.
WLIT, Philadelphia, Pa. (394.5m-760ke), 9 p. m., Stanley hour of music; 10, Arcadia cafe dance orchestra; 10:30, vaudeville features. Fay's Knickerbocker theater; 10:45, Ben Franklin hotel concert orchestra.
WLWL, New York, N. Y. (288.3m-1040ke), 8:30 p. m., Chamber Music, society of America; 9:30, Schicklering concert.
WMCA, New York, N. Y. (340.7m-830ke), 6 p. m., Olcott Vail and his Hotel McAlpin string ensemble; 6:30, Ernie Golden and his Hotel McAlpin orchestra; 7:30, Kurtz Karnival Kings; 8, Terrestrial Music hour; 10:30, Woodmanster Inn orchestra; 12 midnight, McAlpin entertainers.
WNYC, New York, N. Y. (526m-570ke), 6:20 p. m., piano selections.
WOO, Philadelphia, Pa. (508.2m-590ke), 7:30 p. m., Ritz-Carlton dinner dance orchestra; 8, recital; 9, WEAF; 10, WEAF; 11, Adelphia dance orchestra.
WOR, Newark, N. J. (405.2m-740ke), 6:30 p. m., Hotel Bretton Hall quartet.

Eastern Standard or Central Daylight Saving Time Stations
WBAL, Baltimore, Md. (245.8m-1220ke), 8-9 p. m., instrumental soloists; 9:10-10, Treble clef club; 10-11, WBAL ensemble.
WCAP, Washington, D. C. (468.5m-640ke), 7-8 p. m., studio program; 8-10, WEAF.
WGHB, Clearwater, Fla. (265.8m-1130ke), 8:30-10 p. m., diversified program; Bob Houts, baritone; Marion Hoffman, pianist; Caroline Lee, "The Virginia Girl" and her Spanish guitar.
WGY, Schenectady, N. Y. (379.5m-790ke), 6:30-7:15 p. m., WGY orchestra; 8-8:30, WGY orchestra.
WHAZ, Troy, N. Y. (379.5m-790ke), 8:30 p. m., Bussell Sage college glee club; 9:30, Philmont band.
WJR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Jean Goldkette's Pettie symphony orchestra; 7:15, Casper Lingeman entertainers; 7:45, Goodwill Oakland; 9, Palge and Jewett Sixes; 11:30, Merry Old Chief.
WKRC, Cincinnati, Ohio (325.9m-920ke), 6 p. m., Alvin Roehr and his Hotel Alms orchestra; 8, Eugene Perazzo, pianist; 8:20, Cincinnati public school program; 9, Robert E. Bentley Post American Legion; 12, Edwin Reed's Garden of Allah orchestra.
WLW, Cincinnati, Ohio (422.3m-710ke), 7 p. m., concert, Hotel Gibson Florentine room, orchestra; 7:30, theatrical feature; 7:40, Hotel Gibson concert; Crosley Salon orchestra.
WOOD, Grand Rapids, Mich. (241.8m-1240ke), 9-10 p. m., classical concert, Herman C. Johnson and his Elks band; 10-11, Mills-Wetzel presentation; 11-12, "19th Woodpile," WOOD symphonic ensemble.
WREO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble.
WRVA, Richmond, Va. (256.3m-1170ke), 8:45 p. m., Moment Musical trio; 9:15, "Carmen," Edgeworth opera company; 10, Acca Temple Shrine chanters; 11, sign off.
WTAM, Cleveland, Ohio (389.4m-770ke), 6 p. m., Hollenden orchestra; 8, Willard symphony; 9, studio program; 10, Willard symphony; 11, Austin Wylie's orchestra.
WTIC, Hartford, Conn. (475.9m-630ke), 7:30 p. m., Capitol theater orchestra; 8, Mrs. Fely Clement, operatic soprano; 8:30, Emil Heimberger's Hotel Bond dance orchestra; 9, WEAF; 10, Travelers symphonic ensemble.
WWJ, Detroit, Mich. (352.7m-850ke), 6 p. m., dinner concert; 7, studio program; 8, WEAF; 9, Detroit News orchestra.

Central Standard Time Stations
KFAB, Lincoln, Nebr. (340.7m-880ke), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Orville Andrews, Buick Warbler; Belshaw's orchestra; Cowbell Boys; Harmony Boys.
KFH, Wichita, Kans. (267.7m-1120ke), 7-8 p. m., Gage Brewster's Hawaiians.
KFKU, Lawrence, Kans. (275.1m-1090ke), 7:15 p. m., Naomi MacLaren, soprano; Paul Hansen, violinist; Florence Beamer, pianist; 8, Lee Green, organist.
KFXX, Hastings, Nebr. (288.3m-1040ke), 9-11 p. m., musical program, Hastings College Conservatory.
KFNF, Shenandoah, Iowa (263m-1140ke), 7 p. m., Henry Field Seed company.
KMA, Shenandoah, Iowa (252m-1190ke), 9-11 p. m., Tarnham trio.
KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m., Mrs. Jacque Landree, organist; 7, Buster Brown; 8, Colonel 6121; 9:30, Al and Bob; 10, KMOX Radio orchestra; Alex Halbaum, clarinetist; John Holmes, pianist; 11, Rendezvous club.
KPRC, Houston, Texas (296.9m-1010ke), 7:30 p. m., saw novelty music, J. Perkins; 7:55, Records' Ramblers dance orchestra; 8:30, South End Christian quartet, mixed voices; Mrs. Alta Sbriner, accompanist; 9, Ruth Burr, artist pianist; Mrs. R. MacLennan, cellist; Mrs. Albert Tomfohrde, violinist.
KSD, St. Louis, Mo. (545.1m-550ke), 8 p. m., WEAF.
KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:10-9:45 p. m., New Arlington string quartet; 9:45-10:15, Lawson Reid, organist; 10:15-10:45, Lon Chassy, violinist; John G. Heyn, pianist.
KUOA, Fayetteville, Ark. (299.8m-1000ke), 8 p. m., musical program.
KVOD, Bristow, Okla. (374.8m-800ke), 8-9 p. m., Mrs. J. C. Weaver, "Oklahoma's Sweetheart of the Air."
WBAP, Fort Worth, Texas (475.9m-630ke), 7:30-8:30 p. m., Gordon B. Allen; 9:30-11, musicale; 11-12 midnight, Lloyd McFall's orchestra.
WCOA, Pensacola, Fla. (222m-1350ke), 7 p. m., 13th Coast Artillery band; Anita O. Villar, vocalist; John E. Frenkel, Breezy Boy from the Gulf; WCOA string quartet.
WDAF, Kansas City, Mo. (365.6m-820ke), 6-7 p. m., Trianon ensemble; 8-9, Ivanhoe band; 9-10, Star's Radio orchestra; 11:45-1 a. m., Ted Weems' Victor Recording orchestra; Ted Meyn, organist; Earl Coleman's orchestra.
WFAA, Dallas, Texas (475.9m-630ke), 4:30-5 p. m., Margaret Eifer and her Park Inn orchestra; 6:30-7:30, Smith-Shaw college club orchestra.
WGST, Atlanta, Ga. (270.1m-1110ke), 9-10 p. m., WGST staff program, W. S. Scherffus, reader; W. W. Merkle, mandolinist; J. H. Persons, cornetist; S. E. Jackson, saxophonist; L. A. Newcomb, saxophonist.
WHA, Madison, Wis. (535.4m-560ke), 8 p. m., School of music.
WHZ, Kansas City, Mo. (365.6m-820ke), 7-8 p. m., visiting delegates, American Guild of Banjoists, Mandolins and Guitarists.

WHO, Des Moines, Iowa (526m-570ke), 7:30-9 p. m., Prof. Joseph Gifford, reader; Mrs. Robert Evans, soprano; Mrs. Stewart Witmer, accompanist; Irene Maley, pianist; Alex Lindblom, violinist; 11-12 midnight, organ recital, L. Carlos Meier.
WMC, Memphis, Tenn. (499.7m-600ke), 8:30 p. m., musical program.
WOAW, Omaha, Nebr. (526m-570ke), 6:20 p. m., Frank Peterson, tenor; Helen Higgins, pianist; 8:50, Randall's Royal Fontenelle orchestra; 9, classical.
WOS, Jefferson City, Mo. (440.9m-680ke), 8 p. m., WOS studio; 8:10, vocal and piano program.
WRR, Dallas, Texas (245.8m-1220ke), 6-7 p. m., dinner hour concert; 8-9, Times Herald artists concert; 11-12 midnight, George Perfect, organist.
WSB, Atlanta, Ga. (428.3m-700ke), 8 p. m., concert; 10:45, Vick Myers' orchestra.
WSM, Nashville, Tenn. (282.9m-1060ke), 7 p. m., Beasley Smith's orchestra; 8:15, Mrs. Frank Westmoreland, soprano; Meredith Plautt, contralto; Mrs. Joseph Woodward, pianist; 10, Vito Pelletieri and his orchestra.
WSUI, Iowa City, Iowa (483.6m-620ke), 8 p. m., Mrs. Preston Coast, organist.

Mountain Standard Time Stations
KFXF, Colorado Springs, Colo. (249.9m-1200ke), 9 p. m., Edwin Dietrich's Doubled string sextet; Dorothy Wells, cellist; Margaret Dietrich, violinist; Verda McCleary, pianist; John D. Hillbrand, bass.
KOA, Denver, Colo. (322.4m-930ke), 8 p. m., Greeley, Colo., artists.

Pacific Standard Time Stations
KFI, Los Angeles, Calif. (467m-642ke), 7-8 p. m., Owen Fallon's Californians; 8-9, Guzman trio, Jean Hayden, soprano; 9-10, program, Walter M. Murphy Motors company, Los Angeles string trio; 10-11, popular program, Melkiojohn Brothers.
KFWB, Hollywood, Calif. (252m-1190ke), 6:30-7:30

p. m., Pontiac six dinner hour; 7:30-8, program, Dr. Ralph Mitchell and associated dentists; 8-9, program, Corduroy Tire stores; 9-10, Bill Hatch's Oakmont Country club orchestra; 10-11, Warner Brothers frolic.
KGW, Portland, Ore. (491.5m-610ke), 6-7 p. m., dinner concert; 8-9, instrumental music; 9-10, vaudeville entertainment; 10-12 midnight, Cole McElroy's dance orchestra.
KNX, Hollywood, Calif. (336.9m-890ke), 7-7:30 p. m., Mutual Motors mirth contest; 7:30-8, program, Overell's Furniture company; 8-9, program, L. W. Stockwell company; 9-10, feature program; 10-11, Goodrich Silvertown Cord dance orchestra; 11-12, Ambassador hotel dance orchestra.
KTAB, Oakland, Calif. (239.9m-1250ke), 8-10 p. m., program.
KWSG, Pullman, Wash. (348.6m-860ke), 7:15 p. m., John Kassebaum, vocalist; Edna Phillips, pianist; Raymond Howell, violinist.

Atlantic Eastern Central Mountain Pacific
1 a. m. 12 m. 11 10 9
WIBO (235.4m-1330ke), Tennessee Ginger Snaps.

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

Atlantic or Eastern Daylight Saving Time Stations

CKAC, Montreal, Canada (410.7m-730ke), 7:15 p. m., Windsor hotel dinner music; 10:30, Red Jackets.
CNRA, Moncton, Canada (312.4m-960ke), 9 p. m., artists from Charlottetown, Prof. W. E. Fletcher, director; 11, CNRA dance orchestra.
WCAU, Philadelphia, Pa. (277.6-1080ke), 6:30 p. m., Parodians dance orchestra; 7:30, Snellenburg instrumental trio; 8, theater digest; 8:10, the Three Brothers; 8:25, Peter Ricci, baritone; 8:45, Higgins and Burke, song writers; 9, Robert Fraser, blind gospel singer; 9:30, Esther Lawrence and Her Players; 10, Malle and Dougherty, songs and jests; 10:30, Cathay Tea Garden dance orchestra.
WEAF, New York, N. Y. (491.5m-610ke), 4-12 midnight, Nellie Laura Walker, soprano; Salon concert; Grand Prize Eureka; Gold Dust Twins; Eveready hour; variety half-hour; Vincent Lopez and his orchestra; Buffalodians.
WEBJ, New York, N. Y. (272.6m-1100ke), 7-7:15 p. m., Ritz theater ensemble; 7:30-7:45, Luna Park, Coney Island program; 8:15, Jack Gall, concert pianist; 8:30-9, Luna Park, Coney Island program.
WFI, Philadelphia, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8-11:30, WEAF.
WGR, Buffalo, N. Y. (319m-940ke), 8:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8, WEAF.
WHAR, Atlantic City, N. J. (275.1m-1090ke), 8 p. m., Seaside hotel trio.

Tuesday, May 25

Headliners Today

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

Advertisement for 'The new Tower Cone' speaker. Features a large illustration of the speaker and a classical building. Text includes 'America's Most Beautiful Speaker', '\$9.50', and 'TOWER MFG. CORP.-BOSTON, MASS.'.

Tuesday, May 25

WBN, New York, N. Y. (361.5m-830ke), 6:30 p. m., Everglades orchestra; 7:30, Vincent Lopez Iosland orchestra; 7:30, Will Oakland's Chateau; 8, Treasureland neighbors; 9, orchestra; 11, Anatol Friedland; 11:30, Sophie Tucker's Playground; 12 midnight, Harry Richman and his entertainers.

Eastern Standard or Central Daylight Saving Time Stations

WBAL, Baltimore, Md. (245.8m-1220ke), 8-9 p. m., Hilda Hopkins Burke, soprano; Celia Brace, violinist; George Bolek, pianist; 9-10, U. S. Naval academy band; 10-10:30, WBAL male quartet; 10-10:11, Frederick D. Weaver, orchestra.

WJBR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Glover Watson old-time dance orchestra; 8, Tom Bartel's Boys; 9, Jean Goldkette's orchestra.

Central Standard Time Stations

KFAB, Lincoln, Neb. (340.7m-880ke), 5:30-6:30 p. m., dinner concert; 8:05-10:30, program, University of Nebraska.

Coston and sacred harp singers; 9-9:30, Sam Van Dyne and Jimmie McManus, entertainers; 11-12 midnight, Jimmie Joy and his orchestra.

Mountain Standard Time Stations

CNRR, Regina, Canada (476m-630ke), 8 p. m., studio program.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Wednesday, May 26

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Atlantic Eastern Central Mountain Pacific 10:05 p. m. 9:05 8:05 7:05 6:05 WOS (440.9m-680ke), Musical Grays.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Canada (356.9m-840ke), 7 p. m., band program, Salvation army.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

WOR, Newark, N. J. (405.2m-740ke), 6:45-7 p. m., Jacques Jacobs' Hotel Shelton ensemble.

Eastern Standard or Central Daylight Saving Time Stations

WBBM, Chicago, Ill. (225.4m-1330ke), 8-10 p. m., popular period; 1-2 a. m., Alemitte orchestra.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:50 p. m. 7:50 6:50 5:50 4:50 WHT (399.8m-750ke), Triangle entertainers.

Wednesday, May 26

KFWB, Hollywood, Calif. (252m-1190kc), 6:30-7:30 p. m. Pontiac Six dinner hour; 8-9, program Sphinx Motor Oil company; 9-10, program Pacific Development company; 10-10:30, Mutual Motors mirth contest; 10:30-11, Warner Brothers' frolic.

Thursday, May 27

Headliners Today

Table with columns: Atlantic, Eastern, Central, Mountain, Pacific. Lists radio stations and their programs for Thursday, May 27.

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

Atlantic or Eastern Daylight Saving Time Stations

CKAC, Montreal, Canada (410.7m-730kc), 11:30 p. m., Norton H. Payne, organist.

Eastern Standard or Central Daylight Saving Time Stations

WBAL, Baltimore, Md. (245.8m-1220kc), 8-10 p. m., concert program; 10-11, WBAL ensemble.

KV00, Bristow, Okla. (374.8m-800kc), 6-9 p. m., sur-dulse program.

Mountain Standard Time Stations

CNRC, Calgary, Canada (435.8m-688kc), 9 p. m., Rush-ton's serenaders.

Pacific Standard Time Stations

CNRY, Vancouver, Canada (291.1m-1080kc), 9 p. m., B. C. Musical festival.

Friday, May 28

Headliners Today

Table with columns: Atlantic, Eastern, Central, Mountain, Pacific. Lists radio stations and their programs for Friday, May 28.

Central Standard Time Stations

KFH, Wichita, Kans. (267.7m-1120kc), 7-8 p. m., American Legion quartet.

For Your Garden

Some Bargains Ready Now

- 1—BIG PLANTS—CHRYSANTHEMUMS, CARNATIONS, SALVIAS, SNAP-DRAGONS, PETUNIAS, PARLOR IVY, LOBELIAS, DOUBLE STOCKS, ICE PINKS, HELIOTROPES, etc., regularly any 12 for \$1.00; Special, any 15 for \$1.00 or any 100 assorted for \$5.00.

Above a few Bargains. Order them now and also send for our full list. 10% extra free plants for mention of this paper with your order and check.

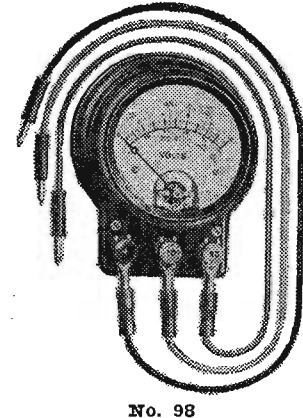
PROMPT SHIPMENT—MOSTLY SAME DAY ORDER RECEIVED.

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329 Front St., Greenport, N. Y.



No. 107 Junior Tube Checker



No. 99

Testing Your Tubes at Home

—is easy with a JEWELL JUNIOR TUBE CHECKER. One poor tube may be the cause of poor reception. DON'T GUESS. Be sure before replacing a tube.

Ask for Circular No. 735

Check Your Batteries

60% of all radio trouble can be traced to poor or weak batteries. Without a voltmeter you can only guess at condition of batteries and when to recharge or replace them.

Ask for Circular No. 98

Jewell Electrical Instrument Co. 1650 Walnut St., Chicago

"26 years making good instruments"

Friday, May 28

quality boys; 8. Woodmanster Inn orchestra; 9. Hardman hour of music. WNYC, New York, N. Y. (526m-570ke), 6:20 p. m., piano selections. WOO, Philadelphia, Pa. (508.2m-590ke), 7:30 p. m., Ritz Carlton dinner dance orchestra; 8. recital; 8:15. WOO orchestra; 9:25, recital from Fox theater studio; 10. Whittall Anglo Percussionists; 10:30, Sylvania dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

WBAL, Baltimore, Md. (245.8m-1220ke), 6:30-7:30 p. m., dinner concert; 8-9. Knights of Columbus choir; 9-10. WBAL trio; 10-10:30. WBAL mixed quartet; 10:30-11. Frederick D. Weaver, organist. WBBM, Chicago, Ill. (225.4m-1330ke), 8-10 p. m., Goldie Gordon, violinist; Badger quartet. WCAP, Washington, D. C. (468.5m-640ke), 8 p. m., studio program; 9. WEAF, 9:30, studio program; 10, music, ballroom, Wardman Park hotel. WEBH, Chicago, Ill. (370.2m-810ke), 7 p. m., Osborn's orchestra; Bernard Weber, Pauline Sachs; 9:15. Osborn's orchestra; Bernard Weber; 11-12:30, Oriole orchestra; Irene Beasley; Day and Knight. WENR, Chicago, Ill. (265.3m-1130ke), 6-7 p. m., Rauland lyric trio; 8-9, Moody Bible institute; 9-10, Arthur Dunas; 12-2 a. m., midnite frolic. WGH, Clearwater, Fla. (265.3m-1130ke), 8:30-10 p. m., organ recital, Peace Memorial church, Mrs. H. Moore, organist; Mrs. Frank Delemeter, contralto; artists. WGN, Chicago, Ill. (302.8m-990ke), 6:45-8:55 p. m., musical program; 8:55-7:15, Drake concert ensemble, Blackstone string quintet, request program; 8:30-9, musical program; 9-9:30, WEAF; 9:30-10, Phantom violin; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, the play shop; 10:40-11, musical program, ensemble. WGY, Schenectady, N. Y. (379.5m-790ke), 7:15 p. m., "The Magistrate," WGY players; 10:30, WGY orchestra. WHT, Chicago, Ill. (399.8m-750ke), 7 p. m., Al Carney; Grayling's Hussey, bass; 10:30 (399.8m-750ke), Sunbeam Girls; 11:05, Loftis half-hour presentation; 12 midnight, your hour league. WIBO, Chicago, Ill. (225.4m-1330ke), 6-8 p. m., dinner program, string trio; Charlotte Edwards, contralto; Lew Viet, baritone; Bernice Taylor, soprano; 10-2 a. m., popular program; Ted Florio, pianist; Dan Russo, violinist; songs, monologues; Melody strummers; Tony Corcoran; Hickey and Johnson. WIJZ, Chicago, Ill. (329.5m-910ke), 9-1 a. m., Club Chez Pierre; Earl Hoffman's Chez Pierre orchestra; "The Quips that Pass in the Night"; Betty Cain, violinist; Helen Kollus Hilburn, Frank Hilburn, duets; Ann Bennett, host; Bernice Taylor, soprano. WJR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Petite symphony orchestra; 7:30, Arctic Specials; 9, Mulsie Celebrities; 9:30, Casper Lingenman symphony. WLS, Chicago, Ill. (344.6m-870ke), 6:30 p. m., Elsie Look, organist; 6:45, College Inn orchestra; 7:30, Ralph Emerson, organist; 9, Young American artists' concert; 10, popular music; 11-12 midnight, Ralph Emerson, organist. WMAQ, Chicago, Ill. (447.5m-670ke), 6 p. m., Chicago theater organ; 6:20, Family Altar league; 6:30, Wide-Awake club program; 8, musical program; 8:30, Whitney trio; 9:20, musical program, chimes. WMBB, Chicago, Ill. (249.9m-1200ke), 7-8 p. m., Trioan duo, special artists, old home songs; 9-11, Trioan orchestra; trio; Krueger and Dillon, banjo barons; Joe Warner, popular program. WOK, Chicago, Ill. (217.3m-1380ke), 4:30-7 p. m., Capitol theater organ; studio program; Tip-Top Inn string ensemble concert; 10-10:30 a. m., Tearney's Town club orchestra; Midway Garden orchestra; Capitol theater program. WOOD, Grand Rapids, Mich. (241.8m-1240ke), 9-9:15 p. m., "Mendelssohn," Blanche Fox Steenman; 9:15-11, Mrs. W. V. Morrow, Edith Sanders, H. P. Vaughn, Mrs. Carl Tyndall, Mrs. George Garrison, Melissa Drak. WRO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., dinner concert. WRVA, Richmond, Va. (256.3m-1170ke), 7 p. m., Hotel Richmond orchestra; 8:15, violin ensemble; Senior Jose Andonegui, director; 10, Hotel Richmond Winter Garden orchestra. WWSW, Chicago, Ill. (275.8m-1090ke), 6 p. m., dinner concert; 8, Terrace Gardens; 10, frolic. WTAM, Cleveland, Ohio (389.4m-770ke), 6 p. m., orchestra; 6:45, orchestra; 8, studio program; 9, WEAF; 9:30, studio program; 11, Singing Synchropters. WTIC, Hartford, Conn. (475.9m-630ke), 7:15 p. m., Mrs. George Brown, contralto; Mrs. Louis Beach, pianist; 7:45, Fairfield community program; 9:15, WTIC Mail Bag; 9:30, Ben Rosenberg and artists; 10-11, Emil Heimbberger's dance orchestra. WWJ, Detroit, Mich. (352.7m-850ke), 8 p. m., dinner concert; 8, Detroit News orchestra; 9, WEAF; 9:30; dance program.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880ke), 8:30-10:30 p. m., Cosmopolitan club. KFDM, Beaumont, Texas (315.6m-950ke), 8-10 p. m., Refinery band. KFH, Wichita, Kans. (267.7m-1120ke), 7-8 p. m., Gold Medal Krackers' dance orchestra. KFKX, Hastings, Nebr. (288.3m-1040ke), 9-11 p. m., program, Carlyle Syla. KFMX, Northfield, Minn. (336.9m-890ke), 10-11 p. m., organ recital. KFNF, Shenandoah, Iowa (263m-1140ke), 7:30 p. m., mixed program, Lufe Corbin, director.

KMA, Shenandoah, Iowa (252m-1190ke), 9-11 p. m., musical. KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m., Mrs. Jacque Landree, organist; 7, Buster's Saxophone quintet; Russell Ren, harmonica soloist; KMOX Radio orchestra; 8, Colonel 6121; 9:30, Al and Bob; 10, KMOX Radio orchestra; 11, Rendezvous club. KSD, St. Louis, Mo. (545.1m-550ke), 7:30 p. m., Commerce hour; David Earle, pianist; 8, program announced. KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:10-9:45 p. m., Old Southern melodies; New Arlington hotel ensemble; 9:45-10, Lawson Reid, organist; 10-10:45, Ray Mullins' orchestra. KVOO, Bristow, Okla. (374.8m-800ke), 6-9 p. m., Josephine Storey-White. KYW, Chicago, Ill. (535.4m-560ke), 6 p. m., musical program; 8-9:30, classical concert; 9:30-10:30, Congress carnival. WBAP, Fort Worth, Texas (475.9m-630ke), 7:30-8:30 p. m., Peckerwood orchestra; 9:30-11, Southwestern Baptist Theological seminary; 11-12 midnight, Panther Hawaiian trio. WCOA, Pensacola, Fla. (222m-1350ke), 7 p. m., Howland trio; Lucy Davis Yone, violinist; Prof. A. C. Reilly, pianist; H. I. Seaburg, baritone; Francis Villar, soprano; Eddie Collins, saxophone; Harry Davis, tenor; Eddie Collins' Rainbow orchestra. WDAF, Kansas City, Mo. (365.6m-820ke), 6-7 p. m., Trioan ensemble; 8-8:30, WEAF; 8:30-9:30, varied musical program; 11:45-1 a. m., Nighthawk frolic. WFAA, Dallas, Texas (475.9m-630ke), 6:30-7:30 p. m., musical program, orchestra, band, vocal quartet; 8:30-9:30, Hadley Cooper symphonists. WGBF, Evansville, Ind. (236.1m-1270ke), 7 p. m., A. L. Maxwell club; 8, Journal musicale; 11, D. X. Hunting club. WHA, Madison, Wis. (535.4m-560ke), 8 p. m., high school speaking contest. WHB, Kansas City, Mo. (365.6m-820ke), 7-8 p. m., Sweeney Radio orchestra. WHO, Des Moines, Iowa (526m-570ke), 7:30-9 p. m., Herring Moton band; 11-12 midnight, Philbrick and His Yonker Tea Room orchestra. WMC, Memphis, Tenn. (499.7m-600ke), 8:03 p. m., Hotel Gayoso orchestra; 11, frolic. WOAW, Omaha, Nebr. (526m-570ke), 8:50 p. m., Gilbert Jaffy, violinist; Harry Braviford, pianist; 9, program, M. C. Peters Mill company; 10:30, Frank Hodek and his Nighthale orchestra. WOC, Davenport, Iowa (483.6m-620ke), 8-8:30 p. m., Yarrington orchestra; Herb Eber's orchestra. WOS, Jefferson City, Mo. (440.9m-690ke), 8:20 p. m., musical program, Baptist church orchestra. WRR, Dallas, Texas (245.8m-1220ke), 6-7 p. m., Adolphus hotel; 8-9, Magnolia Petroleum company band; 11-12 midnight, late musicale. WSB, Atlanta, Ga. (428.3m-700ke), 8 p. m., program, Gertrude Johnson; 10:45, concert. WSM, Nashville, Tenn. (282.8m-1060ke), 7 p. m., Beasley Smith's orchestra; 8:15, Shriners' program; 10, program, Mr. Vaughn and Mr. Holden.

Mountain Standard Time Stations

CNRE, Edmonton, Canada (516.9m-580ke), 8:30-10 p. m., University of Alberta concert party; 11:30, Tom Gardner and his orchestra. KFXF, Colorado Springs, Colo. (249.9m-1200ke), 8 p. m., Dean Edward D. Hale, pianist; Freda McKamy, pianist; Mabel Pillar, pianist; Anita Griesmer, violinist; Ben Pitter, violinist; Leonard Poladsky, violinist. KOA, Denver, Colo. (322.4m-930ke), 8:15 p. m., studio program, Colorado Woman's college.

Pacific Standard Time Stations

CNRV, Vancouver, Canada (291.1m-1080ke), 9 p. m., Yerna McCartney, soprano; Sydney Nicholls, tenor; William Scotch, comedian; Jack Hamilton, bass; John Borthwick, accompanist; 10:30, Cabaret Belmont orchestra. KFI, Los Angeles, Calif. (467m-642ke), 7-7:30 p. m., Carlyle Stevenson's El Patio orchestra; 7:30-8, popular program; 8-9, Aeolian organ, Robert Hurd, tenor; 9-10, Wm. MacDougal, Scotch comedian and Mutual Motors mirth contest; 10-11, Packard Ballad hour. KFWB, Hollywood, Calif. (252m-1190ke), 6:30-7:30 p. m., Pontiac Six dinner hour; 8-9, program, John Wright, the Right Tailor; 9-10, program, Sealy Mattress company; 10-11, Warner Brothers' frolic. KGW, Portland, Ore. (491.5m-610ke), 6-7 p. m., dinner music; 8-9, musicale; 9-10:30, Sherman, Clay and company; 10-12 midnight, Hot Ows. KHJ, Los Angeles, Calif. (405.2m-740ke), 8-10 p. m., Tower studio varied program. KNX, Hollywood, Calif. (336.9m-890ke), 7-8 p. m., Bad Egg club; 8-9, Jell-X-Cell program with Charlie Melson and his Playboys; 9-10, Order of Optimistic Donuts; 10-11, Hollywood American Legion fights blow-by-blow; 11-12 midnight, Ambassador hotel dance orchestra. KOAC, Corvallis, Ore. (280.2m-1070ke), 8:15-9:15 p. m., music. KTAB, Oakland, Calif. (239.9m-1250ke), 8-10 p. m., program, Bruner's. KWSC, Pullman, Wash. (348.6m-860ke), 7:15 p. m., Glow Williamson, vocalist; Rosalia Koch, pianist; Dorothy May Anderson, whistler.

Saturday, May 29

Headliners Today Atlantic 8:45 p. m. WLS (344.6m-870ke), National barn dance. 8:30-7:30 WCAP, Washington, D. C. (468.5m-640ke), 8 p. m., studio program, 10:30, WGY orchestra. 4:30 WTIC (475.9m-630ke), Winsted community program.

Atlantic Eastern Central Mountain Pacific 9 p. m. 8 7 6 5 CNRO (435.8m-688ke), Regimental band, Governor-General's Foot Guards. WGBS (315.6m-950ke), Irish hour. 10 9 8 7 6 KPRC (296.9m-1010ke), Frank Tilton. 11:30 9:30 WBPAP (475.9m-630ke), Sunflower Girl. 12 m. 11 9 8 WRC (468.5m-640ke), Otto F. Beck, organist.

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

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Canada (356.9m-640ke), 9 p. m., musical comedy selections, dance program. CNRO, Ottawa, Can. (434.5m-780ke), 8 p. m., Chateau Laurier concert orchestra; 9, Regimental band of the Governor-General's Foot Guards; dance program. WEAF, New York, N. Y. (491.5m-610ke), 4-12 midnight, Lou Raderman's Pelham Health Inn orchestra; Vincent Lopez and his orchestra. WGBS, New York, N. Y. (315.6m-950ke), 9 p. m., Irish hour. 10:30, Atlantic City, N. J. (275.1m-1090ke), 8 p. m., Seaside hotel trio. WIP, Philadelphia, Pa. (508.2m-590ke), 8:15 p. m., musicale; 9, orchestra; 10:05, Benjamin Franklin El Patio dance orchestra; 11:05, organ recital. WJZ, New York, N. Y. (454.3m-660ke), 7 p. m., Hotel Commodore concert orchestra; 8, Congressional Forum, from WRC; 10:30, Hotel Vanderbilt Della Robbia room orchestra. WLIT, Philadelphia, Pa. (394.5m-760ke), 7:30 p. m., Benjamin Franklin hotel concert orchestra. WMCA, New York, N. Y. (340.7m-880ke), 6 p. m., Oleott Vail and his orchestra; 7, orchestra; 10, Norman Pearce, reader; 11, Ernie Golden and his orchestra. WOO, Philadelphia, Pa. (508.2m-590ke), 7:30 p. m., Philadelphia dinner dance orchestra. WOR, New York, N. Y. (491.5m-610ke), 6:30 p. m., Jacobs' Hotel Shelton ensemble; 7:30, Van's College glans; 8:45-9, Copenhagen quartet; 9:15-10:15, La-Forge-Berumen musicale; 11-12 midnight, Katinka orchestra.

Eastern Standard or Central Daylight Saving Time Stations

WBBM, Chicago, Ill. (225.4m-1330ke), 8-10 p. m., Aleutic orchestra; Ziegler Stars; Tip trio; Smith and Ford; 10-11, Aleutic orchestra; Vanity Fair orchestra; 11-2 a. m., Matched Unit quartet; Ziegler Stars, Fair and Warner; Smith and Ford. WEBH, Chicago, Ill. (370.2m-810ke), 8 p. m., songs, Frank Greif; 9:15-10, Edgewater Beach Hotel Oriole orchestra; 11-12 midnight, Oriole orchestra; Kay Roy-nayne; 1 a. m., Oriole orchestra; 1-3, frolic. WENR, Chicago, Ill. (265.3m-1130ke), 6-7 p. m., Rauland lyric trio; 8-9, Arthur Dunas; 9-10, All-American Pioneers; 12-2 a. m., frolic. WGN, Chicago, Ill. (302.8m-990ke), 6:45-6:55 p. m., musical program; 6:55-7:15, Drake concert ensemble, Blackstone string quintet, request program; 8-8:10, Auld Sandy; 8:10-8:30, musical program; 8:30-9:30, light opera concert; 9:30-10, old-time prize fight; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, play shop; 10:40-11, ensemble. WGY, Schenectady, N. Y. (379.5m-790ke), 8:30 p. m., musical program, Onondaga hotel, WFBL, WHAM, WGY; 9:30, Joe Denny and his Babcock Lake orchestra, Singing Hawaiian. WHT, Chicago, Ill. (399.8m-750ke), 7 p. m., Al Carney, organist; 8:45-10:30 (238m-1260ke), Cinderella cafe orchestra; 10:30 (399.8m-750ke), Kitchin Klenzer entertainers; 10:50, Jack Turner, popular singer; Irene Smith; 12 midnight, your hour league. WIBO, Chicago, Ill. (225.4m-1330ke), 6-8 p. m., dinner program; string trio; Frances Schiebe, soprano; George Hancer, baritone; Thelma Maxwell, contralto; Roger Tighe, tenor; organ recital. WIJZ, Chicago, Ill. (329.5m-910ke), 9-2 a. m., Earl Hoffman's Chez Pierre orchestra; program in Pierre's studio, popular Zenth artists. WJR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Sere-naders; 9, Jean Goldkette's Serenaders; 10, Goldkette's Victor Recording orchestra; 11:30, Merry Old Chief. WKRC, Cincinnati, Ohio (325.9m-920ke), 10 p. m., Ace Brigade and his Fourteen Virginians; 11, Sam Jones; 11:15, Ace Brigade and his Virginians. WLS, Chicago, Ill. (344.6m-870ke), 6:30 p. m., Elsie Look, organist; 7:15, WLS Twin Wheeze; barn dance. WLW, Cincinnati, Ohio (422.3m-710ke), 7 p. m., popular organ concert, Johanna Grosse; 7:30, meeting of the Secretary Hawkins Radio club; 8, Johanna Grosse; 8:30, Lawson-MacLain, Hawaiian string quartet; 9, Henry Thels and his orchestra; 9:30, Lawson-MacLain Hawaiian string quartet; 10, Henry Thels' orchestra. WMAQ, Chicago, Ill. (447.5m-670ke), 6 p. m., Chicago theater organ; 6:30, Hotel LaSalle orchestra; 8, Daw and Pratt; 8:30, photologue; 9, Chicago theater revue. WOK, Chicago, Ill. (217.3m-1380ke), 4:30-7 p. m., Capitol theater organ; Tip-Top Inn ensemble concert; 10-1 a. m., Tearney's Town club orchestra; Carl Lorraine's Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program; 1-2, Tearney's Town club orchestra; Midway Garden orchestra. WOOD, Grand Rapids, Mich. (241.8m-1240ke), 9-10 p. m., Van Campen hour of music; 10-11, Pervis Pef-

fery, tenor; Roy Clark, Harold DeWindt, Bob and Hazel McAsker, Freddie Glenson, Thelma Dykman, WRC, Washington, D. C. (468.5m-640ke), 7:15 p. m., Irving Boarnstein's Hotel Washington orchestra; 8:15, announced; 10, Hotel Mayflower orchestra; 11-12 midnight; organ recital, Otto F. Beck. WRO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., dinner concert; 10-12 midnight, Speed-Wagon serenaders. WSAI, Cincinnati, Ohio (325.9m-920ke), 7 p. m., chime concert, Robert Badgley; 7:30, sextet; 9, Molds of Melody; 12 midnight, popular musical program, Lelia La Mar; Latonia Melody boys; Norrine Gibbons; Priscilla Holbrook. WTIC, Hartford, Conn. (475.9m-630ke), 7 p. m., Sunday school period; 7:30, Winsted community program; 9, Palmer trio; 9:30-10:30, Carroll's Palais Royal dance orchestra.

Central Standard Time Stations

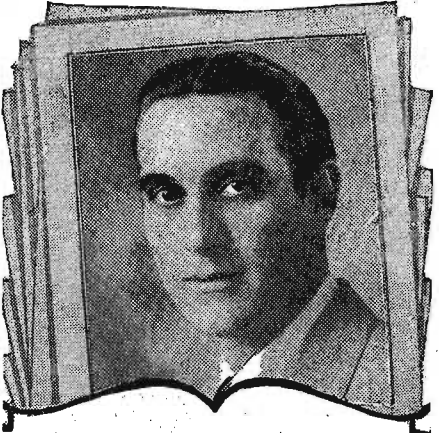
KLDS, Independence, Mo. (440.9m-680ke), 8 p. m., studio program. KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m., Mrs. Jacque Landree, organist; 7, Little Red Schoolhouse; 8, Cotton Pickers; Michael Halbaum; 9, harp; 9:30, organ, piano; 10, orchestra; 11, club. KPRC, Houston, Texas (296.9m-1010ke), 8 p. m., Frank Tilton, boy pianist; 10:30, Harold Oxley's orchestra. KSD, St. Louis, Mo. (545.1m-550ke), 7 p. m., music and stage specialties, West End Lyric theater. KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:10-10:30 p. m., old-time fiddlin'; Joe Jones, Keece Hale; 10:30-11, New Arlington hotel orchestra. KYW, Chicago, Ill. (535.4m-560ke), 5:30 p. m., dinner concert; 6-7, musical program; 7-8, program; 8-9:30, classical concert; 9:30-10:30, Congress carnival. WBAP, Fort Worth, Texas (475.9m-630ke), 7:30-8:30 p. m., Sunday school lesson; 9:30-11, Sunflower Girl. WDAF, Kansas City, Mo. (365.6m-820ke), 6-7 p. m., Trioan ensemble; 8-10, program; 11:45, frolic. WFAA, Dallas, Texas (475.9m-630ke), 6:30-7:30 p. m., Jimmie Joy's orchestra; 8:30-9:30, Forest Avenue High school orchestra; 11-12 midnight, Jack Gardner's orchestra. WOC, Davenport, Iowa (483.6m-620ke), 9-10 p. m., Lanark high school. WRR, Dallas, Texas (245.8m-1220ke), 6-7 p. m., Adolphus hotel; 8-9, Thelma Bernhart, singer. WSB, Atlanta, Ga. (428.3m-700ke), 8 p. m., Atwater Kent hour; 10:45, Hired Help Skyline. WSM, Nashville, Tenn. (282.8m-1060ke), 7 p. m., Beasley Smith's orchestra; 8:15, barn dance program. WSUI, Iowa City, Iowa (483.6m-620ke), 7:30 p. m., musicale.

Mountain Standard Time Stations

KFAU, Boise, Idaho (280.2m-1070ke), 8:15-10 p. m., Boise Business Women's club. KFXF, Colorado Springs, Colo. (249.9m-1200ke), 8 p. m., Dorothy Wells, cellist; Margaret Dietrich, violinist; Verda McCleary, pianist. KOA, Denver, Colo. (322.4m-930ke), 9 p. m., Harmony Peerless orchestra.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642ke), 7-8 p. m., Al Vesson's orchestra; 8-9, program of concert music; 9-10, program, Associated Packard Dealers of California; 10-11, Packard Radio club in popular songs; 11-2 a. m., KFI midnight frolic, Carey Wilson, master of ceremonies. KFWB, Hollywood, Calif. (252m-1190ke), 6:30-7:30 p. m., Pontiac Six dinner hour; 8-9, program, Smith Investment company; 9-11, program, The Thomas System. KGW, Portland, Ore. (491.5m-610ke), 6-7 p. m., Olds Wortman and King company; 10-12 midnight, Indian Gull. KHJ, Los Angeles, Calif. (405.2m-740ke), 8-10 p. m., Times de luxe presentation. KNX, Hollywood, Calif. (336.9m-890ke), 7:30-8 p. m., studio program; 8-9, program, Luna Park Amusement company; 9-10, KNX feature program; 10-11, Ambassador hotel dance orchestra; 11-2 a. m., Hollywood night, Filmland frolic. KPSN, Pasadena, Calif. (315.6m-950ke), 8-9 p. m., Star-News concert.



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Sunday, May 30

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
7:20 p. m.	6:20	5:20	4:20	3:20
WEAF (491.5m-610kc)	WEEL, WCAP, WJAB, WTAG, WWJ, WCAE, KSD, Capitol theater.			
9:15	8:15	7:15	6:15	5:15
WEAF (491.5m-610kc)	WCAP, WEEL, KSD, WGR, WWJ, WSAI, WGN, Atwater Kent program.			
11:30	10:30	9:30	8:30	7:30
KFI (467m-642kc)	Jim, Jack and Jean trio.			
WRR (245.8m-1220kc)	Dallas Athletic Club Little symphony.			

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

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Canada (356.9m-840kc), 11 a. m., Timothy Eaton Memorial church; 7 p. m., Walmer Road Baptist church.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 11 a. m. church service; 5:15, Underdominational service; 6:30, Pennsylvania concert orchestra; 8, Bonwit Teller ensemble.

WGR, Buffalo, N. Y. (319m-940kc), 10:45 a. m., Westminster Presbyterian church; 7:45, Central Presbyterian church; 9:15, WEAF.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 10:45 a. m., Chelsea Baptist church; 2:15 p. m., Seaside hotel trio; 7:30, Chelsea Baptist church; 9, Seaside hotel ensemble.

WHN, New York, N. Y. (361.2m-380kc), 7:30 p. m., Calvary evening services; 10:45, Janssen's Hofbrau orchestra; 12 midnight, Sophie Tucker's playground.

WIP, Philadelphia, Pa. (508.2m-590kc), 10:45 a. m., services.

WIAR, Providence, R. I. (305.9m-980kc), 7:20 p. m., WEAF; 9:15, WEAF.

WIZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Pennsylvania concert orchestra; 8, Bakelite hour; 9, Hotel Commodore concert orchestra, WGY; 10, Godfrey Ludlow, violinist, WGY.

WLIT, Philadelphia, Pa. (394.5m-760kc), 2:30 p. m., Arcadia cafe concert orchestra; 7, Benjamin Franklin hotel concert orchestra.

WLWL, New York, N. Y. (288.3m-1040kc), 8 p. m., Paulist choristers.

WMCA, New York, N. Y. (340.7m-880kc), 11 a. m., Christian Science services; 5:25 p. m., Halpert and Fryxell, Buck-a-neers; 7, Ernie Golden and his orchestra; 7:30, Oleott Vail's orchestra; 8:30, California Bantlers.

WOO, Philadelphia, Pa. (508.2m-590kc), 10:30 a. m., church services; 6 p. m., organ.

WOR, Newark, N. J. (405.2m-740kc), 6:30-7:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7:30-7:45, Copenhagen quartet; 11:15-12 midnight, Fifth Avenue club orchestra.

Eastern Standard or Central Daylight Saving Time Stations

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., Metropolitan mixed quartet; Goldie Gordon, violinist; Bessie Sax, pianist; Cecile Winnie, bass-baritone; Paul Crumwell, baritone; Vinnie Lindhe, pianist; 4-6, Jack Crawford's Alemito orchestra; Maurice Silverman, tenor; Pauline Atlans, violinist; Lois Hammett, pianist; F. J. Porter, baritone; 11:59-3 a. m., Nutty club.

WCAP, Washington, D. C. (468.5m-640kc), 11 a. m., service; 4 p. m., outdoor service; 6:20, WEAF; 8:15, WEAF.

WCBD, Zion, Ill. (344.6m-870kc), 8 p. m., Zion choir, celestial bells, organ, male quartet; G. R. Sparrow, tenor; Mrs. G. R. Sparrow, contralto; duets; Carey

Sliders; Miss Reynolds and Mr. Bagg, duettists; Mable Dulmage-Gustafson, reader; Eula Myhre, pianist.

WEBH, Chicago, Ill. (370.2m-810kc), 10:40 a. m., Seventh Church of Christ, Scientist; 7-9, artists' program.

WENR, Chicago, Ill. (265.3m-1130kc), 2-3 p. m., Skeeles-Biddle hour of better music; 3-4, Moody Bible Institute hour; 6-7, Moody Bible Institute evening hour; 9:30-12 midnight, All-American Pioneers.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., musical program; 7-7:30, The Million Sing; 7:20-7:30, Old Fashioned Almanack; 7:30-7:45, Correll and Gosden; 7:45-8:15, Drake concert ensemble, Blackstone string quintet; 8:15-8:45, WEAF; 8:45-10, "Our Music Room—Verdi"; 10-10:10, Sam 'n' Henry; 10-10:11, musical program.

WGY, Schenectady, N. Y. (379.5m-790kc), 9:45 a. m., First M. E. church; 3 p. m., musical program, Syracuse, WFLB, WHAM, WGY; 3:30, Tidmarsh organ recital; 6:30, First M. E. church; WJZ.

WHT, Chicago, Ill. (399.8m-750kc), 12 n.-11:30 p. m., Paul Rader.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert, string trio; Agnes Buchli, soprano; Helen Snyder, Robert York; 10-12 midnight; popular program, artists.

WJAZ, Chicago, Ill. (329.5m-910kc), 7-9 p. m., special musicale, Spanish Garden studio.

WJR, Pontiac, Mich. (516.9m-580kc), 10:30 a. m., First Baptist church.

WKRC, Cincinnati, Ohio (325.9m-920kc), 6:45 p. m., Walnut Hills Christian church; 10, classical program; 11:15, Ace Brigade and his Fourteen Virginians.

WLS, Chicago, Ill. (344.6m-870kc), 10:50 a. m., U. of C. church service; 12 noon, Ralph Emerson, organist; 7-8:55 p. m., WLS Little Brown church.

WMA, Chicago, Ill. (217.3m-1380kc), 6 p. m.-1 a. m., Tearhey's Town club orchestra; Midway Garden orchestra; Pershing Palace orchestra; Capitol theater musical program; ensemble, studio program.

WREO, Lansing, Mich. (285.5m-1050kc), 10 a. m., Belfry Plymouth Congregational church; 7:30 p. m., Central M. E. church.

WSAI, Cincinnati, Ohio (325.9m-920kc), 11 a. m., services, Avondale Methodist church; 7:45 p. m., chime concert, Robert Badgley; 8:15, WEAF.

WSWS, Chicago, Ill. (275.8m-1090kc), 11 a. m., Moody church; 3 p. m., popular afternoon service; 7-9:30, evening song service.

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

Central Standard Time Stations

KFDM, Beaumont, Texas (315.6m-950kc), 8-9 p. m., First Christian church.

KFMX, Northfield, Minn. (336.9m-890kc), 7-8 p. m., vesper.

KFQA, St. Louis, Mo. (280.2m-1070kc), 8 p. m., Fourth Church of Christ, Scientist.

KLDS, Independence, Mo. (440.9m-680kc), 11 a. m., Stone church service; 3 p. m., sacred program; 6:30, Radio vesper service; 9:15, sacred program.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11 a. m., St. Luke's Episcopal church; 9:10-10, classical hour.

KYW, Chicago, Ill. (535.4m-560kc), 10 a. m., Central church; 3:30 p. m., studio concert; 6-8:30, Chicago Sunday evening club service; 8:30-10, classical concert.

WDAF, Kansas City, Mo. (365.6m-820kc), 3-4 p. m., ensemble; 4-4:45, respers.

WFAA, Dallas, Texas (475.9m-630kc), 6-7 p. m., Bible class; 7:15-8, Willard B. Muse, tenor; Mrs. Muse, contralto and pianist; 8-9, Service Pearl and Bryan streets, Church of Christ; 11-12 midnight, Honey Boys' orchestra.

WHB, Kansas City, Mo. (365.6m-820kc), 9:40-10:45 a. m., Linwood Blvd. Christian church; 11:10-12:30 p. m., Independence Blvd. Christian church; 8-9, services; 11:15-1 a. m., Linwood feature, Morrill Moore, organist; Don Anchors, poet.

WOS, Jefferson City, Mo. (440.9m-680kc), 9:30 a. m., Christian church.

WRR, Dallas, Texas (245.8m-1220kc), 10:45 a. m., First

Baptist church; 7:50 p. m., First Baptist church; 9:30-10:30, Dallas Athletic club.

WSB, Atlanta, Ga. (428.3m-700kc), 5 p. m., Inman Park Baptist church choir; 7:30, Wesley Memorial Methodist church services.

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

WSU, Iowa City, Iowa (483.6m-620kc), 9:30 p. m., male quartet.

Mountain Standard Time Stations

KKFX, Colorado Springs, Colo. (249.9m-1200kc), 11 a. m., First Presbyterian church; 7:30 p. m., First Methodist church.

KOA, Denver, Colo. (322.4m-930kc), 11 a. m., Augustana Lutheran church; 5 p. m., Denver College of music; 6:30, KOA chorists; 7:30, Augustana Lutheran church.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m., Grobe Synchronopho string ensemble; 7:30-8, Jim, Jack and Jean trio; 8-9, Aeolian organ; 9-10, Movieband syncopators; 10-11, Packard Six dance orchestra.

KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m., Warner Brothers movie frolic; a Memorial Day edition.

KGW, Portland, Ore. (491.5m-610kc), 10:25 a. m., First Presbyterian church; 7:30-9 p. m., church; 9-10:10, Chevrolet symphony orchestra.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m., First Methodist Episcopal church; 8-10, special Memorial Day program.

KMX, Hollywood, Calif. (336.9m-890kc), 8-9 p. m., First Presbyterian church of Hollywood; 9-10:30, Russian string quartet.

KTAB, Oakland, Calif. (239.9m-1250kc), 11-12:30 p. m., services; 7:45-9:15, services; 9:30-11, concert.

KTAB, Oakland, Calif. (239.9m-1250kc), 11 a. m.-12:30 p. m., services; 7:45-9:15, services; 9:30-11, concert.

Monday, May 31

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8 p. m.	7	6	5	4
KVOO (374.8m-800kc)	Oklahoma's Sweetheart of the Air.			
9	8	7	6	5
KFKU (275.1m-1090kc)	Lecture on Opera, Prof. C. S. Skilton.			
10:15	9:15	8:15	7:15	6:15
WBSM (282.8m-1060kc)	Prof. Vratislav Murdroch, Bohemian violinist.			
11	10	9	8	7
KOA (322.4m-930kc)	"A Step On the Stairs," all installations.			
10:15	9:15	8:15	7:15	6:15
WCOA (222m-1350kc)	Wildcats from Jazzland.			
11	10	9	8	7
WHAZ (379.5m-790kc)	Campus serenaders.			
10:15	9:15	8:15	7:15	6:15
KTHS (374.8m-800kc)	Italian folk songs.			
11	10	9	8	7
KGW (491.5m-610kc)	Vaudeville.			
10:15	9:15	8:15	7:15	6:15
KMOX (280.2m-1070kc)	Rendezvous club.			

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

Atlantic or Eastern Daylight Saving Time Stations

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital; 8:30, musicale; 9, Merry Minstrels; 10, Madrigal mixed quartet.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Maxine dance orchestra; 8, Memorial Day program; 10, program, Shakespearean Society of Buffalo; 10:30, popular songs; Frank Oliver and associates; 11, Vincent Lopez Hotel Statler dance orchestra.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m., Seaside hotel trio; 11, Follies Bergere dance orchestra.

WHN, New York, N. Y. (361.2m-380kc), 6:30 p. m., WHN movie club; 7:30, Joe Ward's Swamee entertainers; 8:05, Roseland dance orchestra; 8:30, George's Surprise; 9:30, Loew's New York orchestra; 10, Palisades Amusement Park orchestra; 10:30, Leroy Smith's orchestra; 11, Cotton club orchestra; 11:30, Club Alabama orchestra; 12 midnight, Silver Slipper orchestra.

WJAR, Providence, R. I. (305.9m-980kc), 7:45 p. m., musical program; 9-11, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Madison dinner concert; 7:55, John B. Kennedy; 8, B. Fisher & Co.'s Astor Coffee orchestra; 9, Reading Railroad Revelers; 10, Mooreland hour; 10:45, Harry Leonard's Waldorf-Astoria orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 9 p. m., Stanley hour of music; 10, Arcadia cafe dance orchestra; 10:30, vaudeville; 10:45, Ben Franklin hotel concert orchestra.

WLWL, New York, N. Y. (288.3m-1040kc), 8:30 chamber music; 9:30, Schickelving concert.

WMCA, New York, N. Y. (340.7m-880kc), 6 p. m., Oleott Vail and his Hotel McAlpin string ensemble; 6:30, Ernie Golden and his orchestra; 7:30, Kurtz Carnival Kings; 9, Christian Science; 12 midnight, McAlpin entertainers.

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

WOB, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Ritz-Carlton dinner dance orchestra; 9, WEAF; 10, WEAF.

WOR, Newark, N. J. (405.2m-740kc), 6:40 p. m., Hotel Bretteon Hall quartet.

Eastern Standard or Central Daylight Saving Time Stations

WBAL, Baltimore, Md. (245.8m-1220kc), 8-9 p. m., musicale.

WCAP, Washington, D. C. (468.5m-640kc), 7 p. m., music; 8-10, WEAF.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30-7:15 p. m., musicale; 8-8:30, musicale.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra; 7:15, entertainers; 7:45, Goodwill Oakland; 9, Paige and Jewett Sixes; 11:30, Merry Old Chief.

WKRC, Cincinnati, Ohio (325.9m-920kc), 6 p. m., Alvin Roehr and his Hotel Alms orchestra; 8, Eugene Perazzo, pianist; 8:20, Cincinnati Public Schools program; 9, program, Robert E. Bentley Post American Legion; 12 midnight, Erwin Reads Garden of Allah.

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., serenaders, ensemble.

WRVA, Richmond, Va. (256.3m-1170kc), 9:15 p. m., Eastern Carolina Chamber of Commerce program.

WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WEAF; 10, Greenland's orchestra.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, studio program; 8, Detroit News orchestra; 9, A. and P. Gypsies.

Central Standard Time Stations

KFKU, Lawrence, Kans. (275.1m-1090kc), 7:15 p. m., Winifred Casey, violinist; Clifton E. Mott, pianist; Inez Pratt, soprano.

KMOX, St. Louis, Mo. (280.2m-1070kc), 7 p. m., Buster Brown; Brown Bill Boys; KMOX Radio orchestra; 8, Colonel 6121; KMOX orchestra; 10, classical selections; 11, club.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-10 p. m., Italian folk songs, New Arlington hotel orchestra; 10-11, Como Hotel Roof Garden orchestra.

WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., Sweeney Radio orchestra.

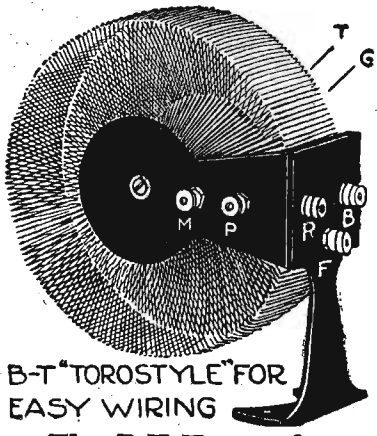
WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., WOS studio; 8:10, commencement concert, Christian college.

WRR, Dallas, Texas (245.8m-1220kc), 6-7 p. m., Adolphus hotel; 8-9, Magnolia band; 11-12 midnight, Phil Pierce, organist.

WSM, Nashville, Tenn. (282.8m-1060kc), 8:15 p. m., Prof. Vratislav Murdroch, Bohemian violinist; pianists; 10, Vito Pellettieri and his orchestra.

WSU, Iowa City, Iowa (483.6m-620kc), 8 p. m., musicale.

A Letter from Italy



B-T "TOROSTYLE" FOR EASY WIRING

The B-T Torostyle

is used in the Counterphase circuit. Made in three styles each for a specific purpose.

Type TA—Antenna coupler.....\$4.00
Type TC—Coupling stages..... 4.00
Type T4—For B-T 4-tube sets.. 4.00

No. 6 Counterphase Kits, for 6-tube sets.....\$38.00
No. 5 Counterphase Kits, for 5-tube sets..... 28.50

Coming — NEW B-T OFFERINGS

HERE'S A TIP—
"Better Tuning" is a booklet published from time to time which tells all about new B-T apparatus and hook-ups; also has general interest articles. By subscribing you will be informed on the latest—Send 10c for the 9th Edition.

B-Battery Eliminators complete.
B-Battery Eliminator Parts.
Sockets: New Non-Microphonic type,
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JUNE 1st

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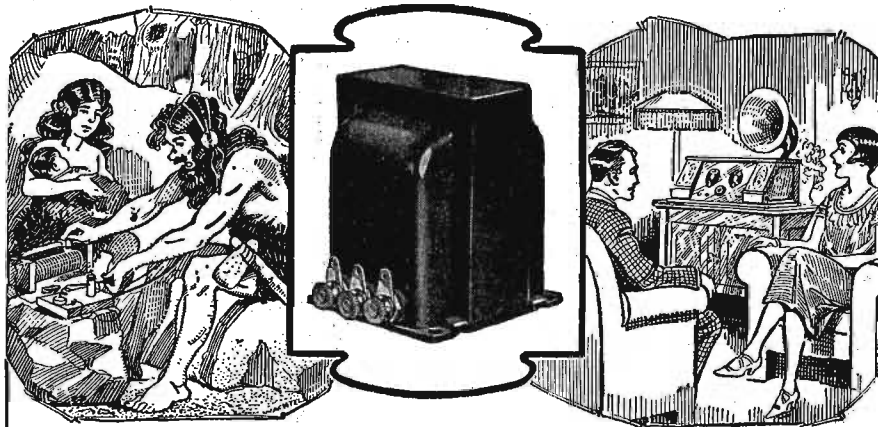
Via Cittadella No. 64,
Piacenza, Italia.
April 19th, 1926.

The COUNTERPHASE SIX is the greatest Radio success at the Milan Fair. The B-T proved itself superior to all Italian, German, French and American apparatus here exhibited.

The COUNTERPHASE SIX is the only set that can cut out the local broadcasting station of Milan and tune in Rome, Hamburg, London, Paris, Madrid, Prague, thru the interference produced by the hundreds of other receivers here exhibited. We demonstrate exclusively on an indoor antenna.

I found difficulty in obtaining a horn that could stand the volume delivered by the set.

A. VENTURINI.



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Trade-Mark Registered

All Frequency Amplifier

From the majestic roll of the grand organ to the high flute like tones of the coloratura, every note—every harmonic—is faithfully reproduced in the Autoformer equipped receiver. No note is too low—and none too high to receive full amplification.

It encompasses the advantages of transformer, resistance, and impedance coupled amplification with the disadvantages of none.

Write for descriptive bulletins.

THORDARSON ELECTRIC MANUFACTURING CO.
Transformer specialists since 1895
WORLD'S OLDEST AND LARGEST EXCLUSIVE TRANSFORMER MAKERS
Chicago, U.S.A.

OVER WENT THE BABY

(Continued from page 4)

simple matter to get her into the boat after the man finally arrived. She was half dead from exhaustion and after she saw that Kitty was safe she did not seem to worry much about her own rescue. But she rested for a few minutes by hanging onto the chain at the bow and finally succeeded in rolling over into the boat without capsizing it.

The terror stricken companions in the motor boat had let it go of its own accord until it came to shore and started up the bank before it stopped.

Soon the story spread along the line of the railway where Mr. Polyblank is employed as a civil engineer. He was just about the proudest husband and father in the world when he heard what his wife had done. And the story traveled until it reached Montreal and the office of the president of the lines, Sir Henry, himself.

"That woman deserves a gold medal," said Sir Henry.

The Royal Canadian Humane association took up the suggestion. They passed resolutions and ordered a medal of pure gold with a proper inscription and a design.

"Now come to Montreal," wrote the commissioners, "and the president will present the medal with fitting ceremonies at a public testimonial."

Mrs. Polyblank read the letter, looked over at her husband and laughed.

"That's a joke," she said. "Probably I was the only one who could swim and you don't think I'd leave the little thing drown, do you? No, I'll stay home and get the meals for my family. Really, I don't see how I could take the time to get away. There's the mending and the washing and, no, thanks very much. Couldn't possibly get away although I appreciate the courtesy—"

Then came a day when a tall, well-dressed man knocked at the door of the tarpaper covered shack of the Polyblanks on the new mining frontier at O'Brien. Several of the neighbors and friends also found occasion to call. They sat in the parlor and Mr. Polyblank tuned in the Radio.

Mrs. Polyblank was startled to hear her name announced over the air. It was the voice of Sir Henry W. Thornton. He was talking to her, telling her of what Canada thought of her exploit. People

were listening to him all over the Dominion. She was in the presence of a great audience, greater than she had ever seen in all her life.

"And in token of this valiant deed, this remarkable example of devotion and womanly valor that came so near costing you your own life, I hereby present you with this medal of the Royal Canadian Humane association—" Mrs. Polyblank listened as in a dream. And at that moment the stranger opened a small jewel box and lifted the shining medal which he gallantly pinned to Mrs. Polyblank's dress.

It seemed as though Sir Henry was right there in the little room with the other friends and neighbors. His voice came out of the loud speaker clearly and distinctly. To other listeners it seemed as though the whole ceremony was in some big auditorium.

Will Mrs. Polyblank be a guest at Kitty's birthday party? Will she get a big slice of the birthday cake with three candles made from the tallow of a fat bear that lived in the woods over the hill? She will! She will!

And will she wear her beautiful, shiny gold medal?

Now you just guess.

KFJF FIRST RADIO POST

(Continued from page 5)

arms to eject him from the canteen. Thank you, and, as I said before, if you spit on the floor at home you may do so here. We want you to feel at home. And now, Mr. Vargason, you will read the report." This is purely a supposititious interlude in the course of an imaginary session of a Radio post.

There always is plenty of talent among the members or their friends and they follow the wishes of their associates and correspondents in presenting the programs. "Sergt. Bob" is especially gifted with a Radio voice. He fought with the Marines on the other side. Sometimes he is assisted by Harry Richardson, one of the regular announcers at KFJF. "Sergt. Bob's" Radio experience may serve in a broader scope should he become "loud" speaker at the House of Representatives. He already is a member of the legislature.

Much of the snap and zest of the KFJF programs is due to the vigorous direction of R. M. Shaw and among the star entertainers are Art Fowler, "Wizard of the

Uke," and Mr. and Mrs. S. E. Ramseyer with the trombone and harp.

Thanks to KFJF, here is a chance for the buddies in the Southwest to meet up with their comrades of the big war, no matter how far they may be from post headquarters. Here is contact with forces on the front line of industry, pioneering and lads who are still down with wounds in the hospital wards. It seems to be an idea that can be expanded over the country with profit.

"BIG RABBIT"

(Continued from page 9)

not. Black him up, too, as we will rely upon disguises."

"Where is Major Gaskill and Roberta—I mean Miss Tonneson?" I asked and flushed, quickly realizing I had used the name by which I had come, unconsciously, to think of her. Borton grinned idiotically, but permitted my slip to pass without a remark.

"They are somewhere in the swamps of the Ocklawaha river," he replied seriously. I do not know the exact spot, but can get near it. I tried to reach it on foot through the swamps, and failed. I know the negroes get through on paths, but I got off the trail and wandered for twenty hours." He shuddered at the recollection of his experience.

"I'm glad now I missed it," he added. "Night before last, while I was the unwelcome companion of a couple of alligators and a dozen or so moccasins on a cypress hummock I overheard enough to understand it was the luckiest thing in the world for me that I had lost myself. If I had stumbled into the place unexpectedly—"

He checked himself and shrugged meaningly.

"What did you hear? Who was talking?"

"A BUNCH of negroes passing along the trail. They were speaking of Trimble, although they did not use his name. It seems he had issued orders for them to meet at a given point—and I was not far from that point. If I had gone on a short distance I would have come upon a crowd of them and—well,

I wouldn't have been back. By the way, Wen, don't be surprised if we run across some surprisingly big rabbit tracks."

He added the last a little maliciously, but I had not time to question him further or get more information as the little automobile was honking its warning and notifying him it was time to start for the train. When he had gone I turned in to get two more hours sleep. Then I awakened Danforth and, at breakfast told him of Borton's return and of his peculiar orders.

"I'm in on this to the finish," Danforth said. "I wish Borton had told us more of the situation. As it is the only thing to do is to follow his instructions. He has a scheme in mind—and his idea of disguises is sound—if it is night."

During the morning we carried out the instructions and made the purchases and arrangements suggested by Borton. The hours seemed to drag and we improved the time by testing the boat's engine, cleaning the spark plugs and purchasing arms and supplies. To secure the arms we had to appeal to a deputy sheriff who, when Danforth identified himself and explained that he was in pursuit of timber thieves, readily assisted us in securing a young arsenal, lending us guns from his own supply, which was plentiful.

"Look here, Dan," I remarked as we tested the boat, "I don't want to drag you into this affair and have you take all this trouble and perhaps risk without chance for reward. We need your help, but we want you to get something from it if we are successful."

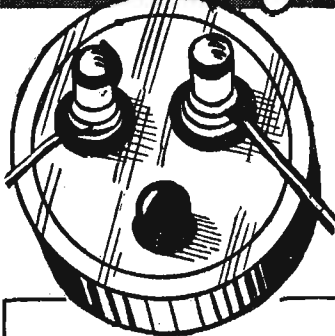
"MY DEAR boy," said the little detective heartily, "in the first place I'd go if only for the fun of the thing. In the second place I'm tolerably certain you are not in this for what money you may get. In the last place I am beginning to think that maybe I am using you and your pal for my own ends. I have an idea your friend has put me on the

(Continued on page 29)

No More Static!



NEWEST, most startling invention eliminates static under all weather conditions. No loss of volume. Everything comes in clear and strong. No more exasperating buzzes, squeaks, and howls.



Start to enjoy the pleasure of your radio. Install a Static Eliminator and you can forget all about static forever. And not only that. You will increase the selectivity of your set—you will be able to tune out other stations easier, sharpen signals, remove noises, lessen interference, and prevent re-radiation. Over a half million Static Eliminators in use now. Thousands being sold daily. You will be enthusiastic too when you hook it up to your set and hear the amazing difference.

Amazing Low Price

\$1.00
Postpaid

This wonderful new invention sells for only \$1.00. Users say it's easily worth ten times this price because it produces such a wonderful improvement in receiving power and clearness of all radio sets.

STATIC Eliminator fits all makes of radio sets. A child can hook it up in half a minute. Lasts a lifetime.

The Static Eliminator is sturdily made to give many years of perfect service. A simple, but effective device that hooks up to any make of set in 30 seconds. Complete, easy to follow directions included with every Eliminator. You will be amazed at the immediate improvement in your results. Mail coupon for your Eliminator now.

Satisfaction Guaranteed

You will be delighted with the results of this remarkable instrument. That's why we guarantee absolute satisfaction. Money back if Static Eliminator is returned within 5 days. Don't be without it another day. Begin at once to know the real joy of receiving all stations without interference. Mail this coupon with a dollar bill—**TO-DAY!**

Mail This Coupon NOW

STATIC ELIMINATOR COMPANY,
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Cincinnati, Ohio
Gentlemen: I ENCLOSE \$1.00 for which please send me one STATIC ELIMINATOR as advertised. You will return my money if I return Eliminator in five days.

Name
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City..... State.....

"MARVELOUS!" Users Write

"I find your Static Eliminator to be the most wonderful addition to a radio set in all my experience. It sure does the work."—J. J. Aldrich, 172 N. 4th St., Columbus, Ohio.

"Your Static Eliminator is a great help. It gives me a wide receiving range. Last night in less than one hour, I had about 15 different stations."—R. D. Smith, Box 865, Clermont, Florida.

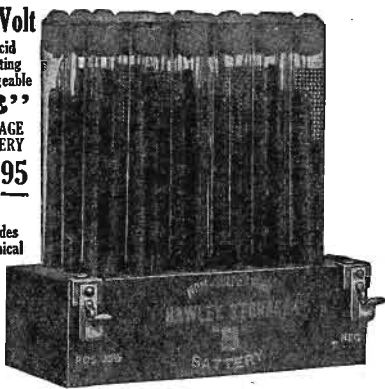
"Am surprised at the wonderful results I am obtaining. I am now receiving stations with clearness that is truly remarkable."—Thos. C. Smith, 2582 Parve Ave., New York.

"I like the Eliminator fine. I wouldn't sell it if I couldn't get another."—Burt W. Thompson, Homer, Mich.

STATIC ELIMINATOR CO.

651 United Bank Building
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22 1/2 Volt
non-acid
everlasting
rechargeable
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STORAGE
BATTERY
\$2.95
Includes
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45 volts, \$5.25; 90 volts, \$10.00; 112 1/2 volts, \$12.50; 135 volts, \$14.75; 157 1/2 volts, \$16.80. Truly the biggest buy today. Easily charged on any current including 92-volt systems. Any special detector plate voltage had. Tested and approved by leading authorities such as Popular Radio laboratories. Over 3 years sold on a non-red tape 30-day trial offer with complete refund if not thoroughly satisfied. Further guaranteed 2 years. Knock-down kits at great savings. Complete "Hawley" "B" Battery charger, \$2.75. Sample cell, 85c. Order direct—send no money—simply pay the expressman cost on delivery. Or write for my free literature, testimonials and guarantee. Same Day shipments. B. Hawley Smith, 817 Washington Ave., Danbury, Conn.

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Latest development in Underground Antennas greatly improves selectivity—eliminates power interference—static eradicated—tone quality improved. Complete in box, ready to bury in a hole 18 inches deep, 24 inches long and 6 inches wide. It is not directional, generates its own current and creates a new magnetic field—will last for years. Buy now and laugh at summer static.

\$14.50

Send money order or check (\$5.00) and Pitts' Underground Antenna will be sent direct to you, balance (\$9.50) to be paid on delivery.

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Interference Eliminator

Tunes out that troublesome, powerful station. Brings in stations you never had before. 500,000 actually sold. Radio owners proved to themselves on our free trial that this marvelous instrument fills every claim. Try one at our risk. Learn how much interference you have called static—absorbs some static, too.

Improves Any Set—Tube or crystal, using any kind of aerial except loop antenna.

Select Stations Every radio needs **At Will** this Eliminator (Patents Pending). Accept no substitute—look for the name **STEINITE**. No Extra Tubes or Batteries—no tools needed. No change in log. Just attach to aerial—full instructions given.

\$1 Postpaid. Absolutely guaranteed. Money back if not delighted. Two big Banks tell you we are reliable. **ORDER TODAY!** Bill will mail. Free catalog of all Steinite Products on request.

STEINITE LABORATORIES
61 Radio Bldg., Atchison, Kans.

The Reader's View

Hoover Cause of Radio Chaos

We have no one to blame but Secretary Hoover of the department of commerce for the chaos he claims there is in Radio.

The chaos in Radio today, is not brought about by improper Radio laws; does not require immediate legislation to be rushed through congress; but is the direct result of gross discrimination in Radio administration by the department of commerce, of which Mr. Hoover is the guiding hand. One glance at the government chart No. 1806, "Distribution of Broadcasting Stations of the United States" (which I forced into the records, page 179 of the hearing on the Dill Radio bill before the senate committee on interstate commerce), will prove my statements.

This map, drawn by the department of commerce, shows 466 stations crowded down on the lower wave lengths between 280 and 200, just 80 meters. On some of the wave lengths are crowded as many as 26 stations, and at this date, records will show possibly over 30 stations crowded on one wave length. On the upper band, between 280 and 545 meters, a wide range of 265 meters, there are only 105 stations and none of these wave lengths have over four stations on them. If that is not discrimination, what can it be? It is worse, it is dangerous usurpation, it is palpable usurpation and may the day be near when some senator will introduce a resolution in the senate, asking for a complete investigation of Secretary Hoover's Radio administration. It is that which is needed now; not legislation, because the 1912 law is a good law; no one even tried to disobey it until Hoover showed unfairness. His discrimination has forced the broadcaster to step over his head to find a wave length upon which he could breathe.

All the department of commerce need do to eliminate the chaos in Radio, is to re-allocate the wave lengths, and this can easily be done as follows: Between 280 and 200 meters they now use 40 wave bands, with 466 stations crowded on these 40 bands, which is an average of over 11 stations on each wave length. Between 280 and 545 meters are 47 wave lengths now in use, with only 105 stations on them, or an average of 2 to 3 on each of the higher bands. Altogether there are 87 wave lengths used. Accord-

ing to their map No. 1806 published October 28, 1925, there is shown a total of 571 stations, which with 87 available wave lengths, would average only about 6 stations on each wave length.

This can be done. There can be no argument to the contrary because already they have placed over 30 stations on one wave length, and to cut it down to only 6 on each would smoothe out the interference so that the good stations on the crowded lower wave lengths will get out just as well as those on the higher lengths.

Of course, the public realizes that the department and those interested in gaining a monopoly of the air will not favor such a re-allocation; they want less stations on the air, and will do all they can in this unfair discrimination against the independent stations so that they cannot get out good and so that the listener will learn to condemn them. It all ends in creating a bad feeling against the independent stations, who in reality give good programs; variety programs with a homelike atmosphere.

Eventually the chain stations, with their influence, will crowd the independents off the air, have the field to themselves and then the public shortly thereafter will be paying a monthly rate for their privilege of listening to Radio programs. The private interests control every other public commodity, and will soon have Radio in their clutches.—Norman Baker, president of the American Broadcasters, owner and operator of Calliophone Studio K—"TNT" at Muscatine, Iowa.

STEP ON STAIRS PRIZES

(Continued from page 3)

tric Company station, KOA, at Denver, will present all ten episodes the night of May 31. These are all the definite dates that have been sent to Radio Digest at this time.

How Prizes Were Awarded

It is with regret that Radio Digest is unable to award prizes to all of the thousands of listeners and readers who have sent in their solutions for the final chapter. Authors and editors were surprised that so many guessed "Cousin William" as the actual murderer of Jeremiah Turner. But few were successful in their conclusion as to why and what was meant by Uncle Peleg when he said he had done the killing.

The letters that won the leading prizes

received the greatest number of votes from the judges who read all letters stating that "Cousin William" was the guilty one. All the others came in order of the number of votes. Both the first and second prizes were awarded for exceptionally well-written story chapters. Mrs. Lentz carried on the characters with remarkable verity, and although her methods of arriving to the correct conclusion were entirely different than the author's, her version could have been substituted for the author's without question.

Boy Winner Is Student Writer

Clinton B. DeSoto's letter states that he is a boy, 14, and that he is going to follow literature as a profession. His chapter was worthy of the work of a professional writer. He divided his chapter according to the Radio Digest style and, with pen and ink, drew in initial letters for these divisions. He made Ardwyn bluff Peleg Turner until the latter admitted that he did not kill his brother, Jeremiah. Then from Hari Singh he learned that William Caryl had been in the house the night of the murder. Caryl attempts to escape through the door of death but is overtaken by Tolliver who chokes him to the point of death when he makes his confession.

Credit Is Due Stations

Radio Digest is planning for an important announcement to be made late in the summer for a sequel to this experiment that will in all probability receive even a more comprehensive endorsement than did "A Step On the Stairs."

Credit for the success of "A Step On the Stairs," is shared equally by Radio Digest and the following stations, some of which added a special staff of artists to present the play while others were those who have pioneered in Radio drama from the beginning:

- KGO, General Electric Co., Oakland, Calif.
- KOA, General Electric Co., Denver, Colo.
- WBAP, Star-Telegram, Fort Worth, Tex.
- WCCO, Gold Medal, Minneapolis-St. Paul, Minn.
- WGY, General Electric Co., Schenectady, N. Y.
- WHO, Bankers Life Co., Des Moines, Iowa.
- WLW, Crosley Radio Corp., Cincinnati, Ohio.
- WMAQ, Daily News, Chicago, Ill.
- WNAC, Shepard Stores, Boston, Mass.

- WEAN, Shepard Stores, Providence, Rhode Island.
- WOAW, Woodmen of World, Omaha, Nebr.
- WOC, Palmer Chiropractic School, Davenport, Iowa.
- WOR, L. Bamberger Co., Newark, N. J.
- WRC, Radio Corp. of America, Washington, D. C.
- KTSH, New Arlington Hotel, Hot Springs, Ark.

"BIG RABBIT"

(Continued from page 28)

right trail in my own case and that our work lies along the same lines."

"Well—if you look at it that way—" I hesitated.

"I do," Danforth interrupted quickly but kindly. "And look here, boy, there is another reason. I'd be the last fellow in the world to refuse what help I may be able to give if that little girl means anything to you—and I think she does."

I never had admitted openly, even to myself, how much Roberta Lee Tonneson had come to mean to me. It seemed presumptuous folly to think a girl, young and beautiful, perhaps wealthy, who scarcely knew me, or anything about me, might come to care for me. Yet the little detective's simple words and sincere sympathy brought realization of the state of affairs and, almost without thinking, I blurted out:

"She does, Dan, she does. She is the world to me."

I hesitated, stammered and stood looking foolishly at him as I realized what I had said and finished weakly. "Don't mind what I said, Dan. Forget it. I didn't realize what I was saying. Why, I've hardly spoken to her, she scarcely knows me."

"Thought I recognized the symptoms," Dan laughed so understandingly I felt better. "Good luck to you. Now let's get down to the river and practice with these guns, to get used to them. Do you shoot?"

"Hardly at all, since I was a boy," I replied glad and relieved to turn from the too delicate subject although, having spoken openly of my love for the girl I had met but once, I felt better and somehow more determined and confident. "My practice since I went to New York has been confined to an occasional shot in some gallery at Coney."

"We cannot expect Borton back much before three o'clock. The first train he

(Continued on page 30)

Increase Your Radio Vision

YOUR Radio set brings to your ears the programs. This arouses a desire to see a likeness of entertainers and stations. Here is where you have need of something to give you this real vision. Our mission is to supply this factor in Radio, and we offer

RADIO DIGEST, the Eyes of Radio

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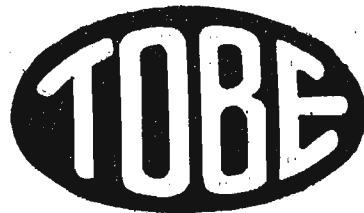
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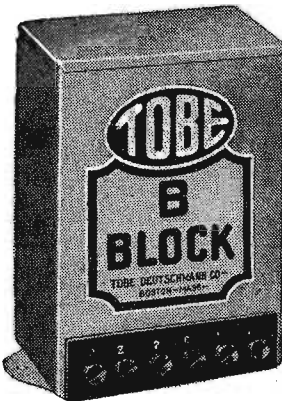


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"The Better
Condensers"

to increasing thousands of intelligent and discriminating Radio buyers.

When you buy those condensers for your new B-Eliminator or power amplifier, for your improved-quality audio amplifier or for by-passing your B-batteries, ask your dealer for TOBES. That is all you need to say. He will know what you mean and you in turn will be insured against condenser trouble.

Remember, TOBE means "better condensers."



Tobe B Block Type 760

Contains in one case all the filter capacities required in a B-Eliminator filter. It saves you \$2.50 over the cost of separately cased condensers, saves wiring and time. Its binding posts are at the bottom, where they belong, out of the way of chance contacts with the fingers of the dusting housewife or inquisitive child. This means SAFETY.

Price—\$11.00

We have tried to make it possible for you to get TOBE apparatus at your dealers. Ask him first,—if it happens he is not stocked, we shall be glad to forward your order on receipt of check or money order.

Tobe Deutschmann Co.
CORNHILL BOSTON, MASS.

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Classified advertisements in Radio Digest produce results. Have you a receiving set to sell? Do you want to buy a Radio? A classified advertisement in this column will sell your set.

Rates are twenty cents a word for each insertion, ten per cent for six insertions, fifteen per cent for twelve insertions, twenty per cent for twenty-four insertions. Name and address to be included at above rate. Cash should accompany order. Minimum of ten words.

Objectionable and misleading advertisements not accepted. Forms close three weeks prior to date of publication, which is first and fifteenth of each month.

AGENTS WANTED

Free book. Sell novelties by mail; home employment evenings. Pier Company, 72-A, Cortlandt Street, N. Y.

BLUE PRINTS

NO MORE BATTERIES—Build "A" and "B" eliminator—operates any set on AC or DC, no hum; satisfaction guaranteed. Complete plans, \$2. Engineers' Service Company, Suite 203—15 Park Row, New York.

Just Out—Actual size template for Radio Digest's latest set—Super-Torodyne, 25c. Instructions appearing in April 10-17-24 and May 1 issues.

Super-Het, Ryan's Simplest Possible 7-Tube Set. Complete instructions, actual size template. How to make a loop. All for 50 cents. Book Dept., Radio Digest, 510 North Dearborn Street, Chicago.

DOGS

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

FOR SALE

Here is your opportunity to obtain a real good buy on 1/4-HP, 110-volt, 60-cycle, single phase, AC, enclosed dust proof new electric grinders and buffers, 6-inch emery wheel on one side and 6-inch buffer on the other, with cord and plug, at a low price of \$15.75 each. Special price on brand new 1-KW or 1000-Watt, 32-volt, 1150 speed, late design, Westinghouse light and power generators with pulley, ready to run at \$48.00 each. Largest dealers in new and used motors and generators in the North-west. Send us your inquiries. General Distributing Co., Security Storage Bldg., Duluth, Minn.

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.

Radio Fans—A year's subscription to Radio Digest is only three dollars. Send your order now. Fill out coupon on page 29.

PATENT ATTORNEYS

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

PRINTING

Copy letters and advertising from Type-written, Mimeograph and Multigraph, less money. John H. Sullivan, Taftville, Conn. Box 5.

RADIO

600 MILE RADIO—\$2.95. No tubes nor battery needed. Always ready. Fully guaranteed. 200,000 sold. No grinding. A real Radio. Sent postpaid. Order from this advertisement. Crystal Radio Co., Wichita, Kans.

Bakelite Dials—4-inch, black, set of three 50 cents. 3-inch, set of three 35 cents. Bronstein's Pharmacy, 4600 Lincoln Ave., Chicago.

Binding Posts—Complete sets of eight lettered binding posts. 25 cents a set while they last. Bronstein's Pharmacy, 4600 Lincoln Ave., Chicago.

Five tube Radio only \$22.50. Seminole Radio, 427 East 16th St., New York.

REAL ESTATE

Sell your property quickly for cash, no matter where located, particulars free. Real Estate Salesman, 609 Brownell, Lincoln, Nebraska.

SALESMEN WANTED

A PAYING POSITION OPEN to representative of character. Take orders shoes-hostry direct to wearer. Good income. Permanent. Write now. Tanners Shoe Mfg. Co., 5-707 C St., Boston, Mass.

USED COURSES

Used Correspondence courses bought, sold and exchanged. Big list free. Lee Mountain, Box 184, Pisgah, Alabama.

"BIG RABBIT"

(Continued from page 29)

can catch out of Jacksonville comes at 2:47. It will steady our nerves and pass the time if we practice shooting."

WE RACED down the river with the Jason doing more than thirty miles an hour in the short spurts when I cut loose to see how fast we might be pushed in an extremity and landed at a piece of cut over pine land, where we spent an hour getting accustomed to using the borrowed guns. I did fairly well for a novice after getting the hang of the weapons and observed with grim satisfaction that Danforth sprinkled eight shots in a few seconds within three inches of a bit of paper tacked to a tree thirty yards distant. We ran back to Palatka and lunched early.

"We might as well make up now," Danforth suggested, throwing away the cigar he had but half smoked after luncheon. "I imagine we had best be ready when Borton comes, as he probably will want rapid action. He may want the boat to start at the first possible minute. Come over to the drug store a moment; I have an idea."

Danforth made several small purchases and distributed the packages in various pockets.

"Red and blue fire and some other dope that may come in handy, he explained as he assumed a businesslike manner. "I have put a couple dozen turpentine torches in the boat and a lantern. I imagine we may need the fireworks if my theory of what Borton is planning is correct."

FOR the next hour Danforth and I were in my room making up. In spite of the seriousness of the program we laughed at each other until the tears washed grooves in the black and compelled us to retouch our faces. I was as black as Satan's pet cat with grease paint and cork and Danforth had essayed to make up as a lighter colored man because that shade went better with his bristly sandy hair. I was the turpentine camp type of negro and was arrayed in a suit of clothes procured for me by one of the porters at the hotel, to whom I explained that we were going to look over some swamp timber and did not want to spoil our better clothes. Dan was of the river type of negro and when he had completed his makeup he was beyond recognition.

Just before three o'clock an automobile raced up to the hotel and slid to a stop. Borton leaped out almost before the machine had come to a standstill and a minute or two later he burst into the room, his arms loaded with bulky but evidently not heavy packages.

"What the— what are you niggers doing in Mr. Lindsay's room?" he demanded confronting us angrily as he dropped packages to the floor and springing toward Danforth. He seized Dan by the arm and jerked him half across the room before either of us had an opportunity of explaining. I rolled upon the bed, convulsed with laughter at this proof of the excellence of our disguises. Borton, looking at me bewilderedly for an instant, realized his mistake and releasing Danforth, grinned.

"It's on me," he said, "but it is a compliment to the makeup, I suppose you are Wen's friend, Danforth," he added extending his hand, "I would have asked you to carry my grip if you had been at the station."

We laughed as they shook hands. Then Borton sobered quickly and asked:

"All ready?"
"Yes—everything we can think of."
"Let's go."

"Aren't you going to black up?" I inquired.

"No. I have my disguise here," he replied, motioning toward the packages, "I reckon it will be the queerest you ever saw, Mr. Danforth," he added, turning to the detective. "I know from what Wen tells me that you will go through with whatever comes, but I want to warn you before we start that this is desperate business and that, if we are caught—"

He did not complete the sentence as Danforth, drolly dropping into his character, remarked;

"Ah reckon ah'll be dar, boss."

GOOD," Borton ejaculated earnestly shaking hands again, "let's start. We must get to the place, or near it by dark, by a little after seven thirty at the latest, or we may be too late."

"How far?" I inquired.
"Don't know. Maybe forty miles, maybe fifty, depending on the curves in the river. It twists like a crippled snake. Ever been

A "RADEX" Tuning Chart

Shows by dial numbers, wave length to which set is tuned. Tells where to place dials for any station. Identifies programs received without announcement. Adapted to any set

Send 25c Coin or Stamps

RADEX, Box 143-S, CLEVELAND, O.

We have a few hundred nationally known loud speakers which retail at \$12.00. Bell 12 in. diameter 25 in. high.
LOUD - CLEAR - MELLOW
Each Speaker Guaranteed
Send only \$5 Exp. or Postal Money Order.
We pay all express charges
AETNA RADIO CO., 33 East End Ave. New York, N. Y.

Yale GROUND HOG

DOUBLES POWER AND DISTANCE

Marvelous newly-invented ground gives 100% improved reception. Doubles power and distance. Stops leakage. Reduces static. Stops jangling even in mid-summer. Results never before equaled, users say. Satisfaction guaranteed.

Proven absolutely essential to clear, powerful distance reception. Draws and holds moisture indefinitely. Highly sensitive to radio energy. **SEND NO MONEY**—To introduce, we offer to those who act at once, regular \$5.00 size for only \$2.00. Send name today and pay \$2.00 plus 17c postage on delivery. Or send only \$2.00 with order and save postage. **FREE**—Full description money making agent's offer on request—write today.

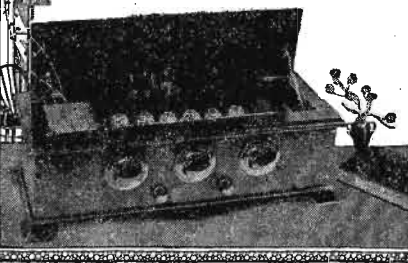
Yale Specialty Supply Co., 123 W. 5th St., Kansas City, Mo.

Nightingale

6-tube Set with Integral Loud Speaker \$75

A wonderful, sharp tuning set of beautiful tone, made complete in our own factory. Five tube assembly suffices for most stations, but volume can be tripled by using 6 tube terminal. No wasteful neutralizing condensers but perfect balance of parts. See Nightingale dealer or write to:

THE GUTHRIE CO., GRAFTON, OHIO
Makers of the famous Songbird Line



up the Ocklawaha?" he turned the question toward Danforth.

"Once, on a pleasure trip. I remember parts of it well."

"That's lucky. I know the lay of the land—which is mostly water—when we get close to the place we are going, but nothing at all about the lower river, excepting the parts of it I saw."

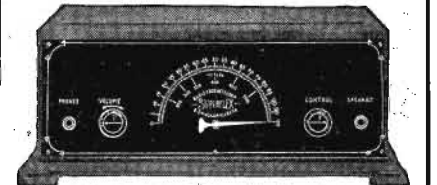
Fearing to attract attention we slipped out the side door of the hotel and formed a strange procession as we started for the river. Five minutes later we had stowed the new packages in the boat and shoved off from the dock.

I twirled the wheel twice, the splutter of rapidly exploding gasoline filled the quiet reaches of the river as the Jason shot out from the dock, carved a rainbow in the water and with the engine picking up speed steadily the knife like prow carved the placid surface until two thin sheets of spray were thrown higher than the rail as we tore under the center span of the railroad bridge and raced southward up the St. Johns.

Continue on through the tropical jungle with these brave men who seek the Big Rabbit, a beast far more terrible than any creature of the African wilds. In his mysterious power is the beautiful Roberta. The men have determined to kill her if they can not effect her rescue. They near the end of the trail in the next installment.

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It SEPARATES the STATIONS
One Dial (1 condenser)
GOES THRU STATIC



SUPERFLEX—\$30.00 list

Dealers—ask us WHY? Test a sample.

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3816 N. 28th St. Birmingham, Alabama

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 negligible cost. Delivers unflinching power that is clear, pure and quiet. Approved and listed as Standard by leading Radio Authorities, including Pop. Radio Laboratories, Pop. Sci. Inst. Standards, Radio News Lab., Letax, 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—Just state number of batteries expressed in series (96 volts) \$10.50. Pay 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. \$11.25; 120 Amp. \$15.25; 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, WSB-C, Chicago. Watch for announcements.

NOKA WEA WGN WJS WKH WGO WKA WJW WJZ

DOUBLE POWER AND RANGE OF YOUR RADIO FOR \$1

Enrich BATTERY SAVER

Satisfaction Guaranteed

DOUBLES the power of your battery and gives better Summer reception. Now you can get stations you never got before. Enrich Battery Saver makes your battery stay charged four times as long. The stronger battery doubles the range of your set, increases selectivity, and makes reception clearer and stronger. Endorsed by Radio engineers.

\$1,000 AETNA SURETY BOND GUARANTEE with each package. Automobile batteries, treated with Enrich Battery Saver, stay charged for years. Mailed prepaid for only \$1.

Write at once—TODAY!
CINCINNATI CHEMICAL COMPANY
Dept. 25 859 Hutchins CINCINNATI, OHIO



Better now for \$9⁷⁵ than it was in 1920 for \$85

Recall that in 1920 a one-tube radio sold for \$85. Today Crosley makes a better one for \$9.75 [The Crosley Pup]. There's the picture of Crosley manufacturing genius.

This year will see the millionth Crosley radio set produced. And somewhere, the first hundred still bring joy and satisfaction to their owners. Only this winter, one of Crosley's early one-tube radios won a nationwide radio reception contest, in which one-tube sets of all makes and dates were entered.

Powel Crosley, Jr., has so improved tuned radio frequency circuits in the present Crosley sets, that experts the

country over have grown wildly enthusiastic over their performance.

"The first set to beat my pet—", says one fan. "The only set I have ever seen that would tune out our local station in our building", writes another. "How can Crosley do it for the money!" is one exclamation, typical of hundreds of letters.

These new Crosley sets are truly wonderful for they not only represent a tremendous forward step in radio development, but are offered for even less than the closing-out prices of questionable and obsolete sets.

See and hear the new Crosley sets at your nearby Crosley dealer's.

Prices slightly higher west of the Rockies—For descriptive catalog write Dept. 49

THE CROSLEY RADIO CORPORATION, CINCINNATI, OHIO

Powel Crosley, Jr., President

Owning and Operating WLW, first remote control super-power broadcasting station in America

CROSLEY RADIO

Better—Costs Less

Manufactured under Armstrong U. S. Patent No. 1,113,149, or under patent application of Radio Frequency Laboratories, Inc.



Mass manufacturing operations on the million scale has so saved pennies in production that the public sees them reflected in dollars saved on the retail prices of Crosley radios.

One great example of this is the Crosley Musicone.

Its success created so great a demand that a saving to the public of \$2.75 was soon effected through increased production. Today it is the fastest moving item in radio—its quality of reproduction and its low price is inducing the rapidity by which it is replacing thousands of other type speakers.