

Listeners Vote for Popular Stations

Radio Digest

TWICE
A MONTH

11th Year

FIFTEEN
CENTS

SECOND MARCH NUMBER

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Pat. Off. &
Dom. of Canada

Vol. XX No. 5



Radio Commission Ready for Action; KQW Oldest Broadcaster; WMAK Stars; Torch of Youth, Fiction; Complete \$100 March Whozits; Highlights on New Radio Law

No. 2 OFFICIAL BALLOT

Announcers' Contest

RADIO DIGEST FOURTH 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.....

3-15-27

GOLD CUP BALLOTS NAME 14 MIKE MEN

LISTENERS HASTEN VOTES IN ANNUAL CLASSIC

Loyal Friends Eager to Declare Choice And Help Win Trophy for Their Favorite Announcers

Patrick H. Barnes, better known as "Pat" (spelled with a W-H as in WHT), has the honor of being the first name presented to Radio Digest for the world's most popular announcer for 1927.

Whether 'tis a good omen for Pat, who won the silver cup for 1926 remains to be seen. But, all unknown to Bill Baker, who opens the mail at Radio Digest, a slit in a perfectly plain envelope revealed a ballot marked for Pat Barnes and it came by special delivery the very day that the March 1 issue of Radio Digest, containing the first ballots, appeared on the newsstands in Chicago.

In the next morning's mail there were three other nominations from Chicago. They offered the names of Quin Ryan, WGN; Gene Rouse, WJJD and Nate Caldwell, WBBM. The first ballot from outside of Chicago was received March 1 from Detroit and was marked for Leo Fitzpatrick, WJR.

May Be Heaviest Votes

Then came other nominations from other localities. Indications point to the heaviest vote on record for the fourth annual Radio Digest Gold Cup Award. Carl Menzer, WSUI, University of Iowa, is one of the newcomers to the popular announcers' contest. He has figured in the Marcella letters many times and his nomination doubtless comes from one of these admirers.

G. C. Arnoux of KTHS, Hot Springs, Ark., led the field for the greater part of the balloting last year. His many friends will in all likelihood try to make him a winner for this year.

Not a single nomination has been received from Canada, but no doubt there will be several candidates from the land of the maple leaf before the next issue of Radio Digest goes to press. Miss Lillian Shaw of CKY won the Canadian cup last year.

Quest Is Classic

The Radio Digest's annual quest for the most popular Radio announcer has come to be recognized as one of the great classics among the clan of broadcasters. Each year a solid gold cup designed in the form of a microphone is awarded to the Radio announcer who receives the greatest number of ballots, one of which may be found at the top of page 2 in each issue of Radio Digest during the period of the contest. The rules show how these ballots may be utilized to accrue to the greatest advantage to the listener's favorite candidate.

The success of any Radio station depends in a large measure on the popularity of the man at the microphone. By making friends for himself over the air he makes friends for the station and the more real friends attached to a station the better that station stands in the field for which it exists.

Friends for Announcer

The greatest reward any announcer can seek is a host of loyal friends. They mean more to him than the money he receives from his employers. They form the concrete evidence of the success of his ambitions. He must depend on voluntary commendation from these friends and one of the best ways that a friend can speak for his or her favorite announcer is to cast a vote for him as fast as those votes are made available. It is a simple thing to fill in a ballot and send it to Radio Digest. Every single ballot counts. It is a small favor and it may mean a great deal.

Following are the names of announcers sent for this Fourth Annual Gold Cup Award by Radio Digest that have been received to date:

G. C. Arnoux, KTHS; Pat H. Barnes,

WHT; Nate Caldwell, WBBM; N. Dean Cole, WHO; Dean Fitzer, WDAF; Leo Fitzpatrick, WJR; Henry Field, KFNF; George Junkin, KMOX; Carl Menzer, WSUI; Paul Johnson, WCCO; C. R. Randall, WSMB; Gene Rouse, WSSD; Quin Ryan, WGN; Fred Smith, WLW.

COVER GIRL BRED IN "OLD KAINTUCK"

YES SUH! You all could look at that chnwmring little lady on the Radio Digest front covah and tell befoah a blink of the eye that she came from old Kaintuck—whcah women ah women and hawses ah hawses and wheah the moon shines bright on mah—

You said it, Colonel. She's Miss Virginia Rae, bawn and bred in Louisville. And well may you be proud of her! So she grew up and the world found out she had a wonderful voice of the velvety Southern texture that liquifies the coloratura soprano. New York beekoned and you lost your fair Virginia, for a while. But now you have her voice again, because she is broadcasting over the great net of stations that emanate from the studios of the National Broadcasting company, 195 Broadway.

"Nabroco" Who's Who Officially Announced

President Aylesworth Names Staff Personnel in Combine

NEW YORK.—M. H. Aylesworth, President of the National Broadcasting Company, has announced that the Company's executive staff is at present constituted as follows: M. H. Aylesworth, President; George F. McClelland, Vice-President and General Manager; H. W. Angus, Assistant Vice-President and General Manager; Charles B. Popenoe, Treasurer; Mark J. Woods, Assistant Treasurer; L. MacConnach, Secretary; Donald Withycomb, Assistant Secretary.

Arnold is Director

Frank A. Arnold, Director of Development; George J. Podyen, Pacific Coast Manager; Gerard Chatfield, Supervisor of Programs; Nicholas de Vore, Mnnager of Musical and Literary Research; O. B. Hanson, Manager of Operations and Engineering; G. W. Johnstone, Publicity Manager; Samuel L. Ross, Manager of Artists' Bureau; H. A. Woodman, Traffic Manager.

Miss Bertha Bralnard, Manager of WJZ; Phillips Carlin, Manager of WEAJ; Ralph Edmunds, Manager of WRC; Frank E. Mullen, Manager of KFKX; Carl Dreher, Staff Engineer; E. F. Grossman, Supervising Engineer; W. H. Ensign and D. S. Tuthill, Assistant Sales Managers; Herbert E. Glover, WJZ Publicity Representative; R. W. McAdam, WEAJ Publicity Representative.

H. P. DREYS OF WHK TAKE A VACATION

CLEVELAND.—Two well known voices have been missed from the Cleveland ether lanes since March 1, when H. P. Drey, director of WHK, and his wife, Arlien Betty Colon, left for a sixty-day vacation. Local fans give both Mr. and Mrs. Drey a great deal of credit for bringing Station WHK up to its present high state of efficiency and widespread popularity. Mrs. Drey's housekeeper chats have been one of the strong features of the station. Over 8,000 letters have been received in response since last October. The Dreys will visit a large number of western stations before returning to WHK, ready to utilize any new ideas that may be accumulated.

SHORT WAVES

By Marcella

G. L. King, New KFVB director; Jimmy Whalen, WVAE Charmer; the Mysterious "Bernice"; Tommy Brown, Sheik of Hot Springs; Lucille Marries; Ruth Etting Located; Two WMAQ Heartbreakers; WOW Again.

HERE it is spring and that lazy feeling and twice as much work to do. For in the spring a young man's etc. and the girls too. For heaven's sakes! What to do? Well, ask me, my dears, and I'll do the best I can.

Oh! I am so thrilled this morning. What do you think, the new director at KFVB is G. L. King, our former Radio Digest correspondent in Los Angeles! My, we are so proud of him! Just think of his announcing all those beautiful motion picture stars of whom he used to send such gorgeous pictures. I wonder how his wife likes that. Of course, he has never been in the office, but I know he is nice looking and tall. Oh yes, and he has blue eyes and brown hair. Member us, Gerald?



I agree with you, Margaret, Jimmy Whalen surely does have a nice voice and especially when you talk to him over the telephone; and he is not married. He said, "No, Mam, I think the girls are wonderful, but," and he hesitated and I couldn't make him answer. His voice was not bitter. Lots of girls here in Chicago have seen him singing at the Chicago, Tivoli or the Uptown. He has been the tenor soloist with the Paulist Choir and you know that means he really has a beautiful voice. I hope to look into those blue eyes of his and see for myself what color his hair is. He says he is 5 ft., 11.

Oh, Marie, you flatter me. I can't sing or play or do anything, so why should my picture be in the paper? Just between us I have seen John Patt and he is attractive. He is medium tall, has light hair and blue eyes and the nicest voice and is not one bit spoiled. Fancy free, Marie! I don't see how he can be, but, at least, he is too young to be married. He left college to go to Detroit to work for WJR. When you look at "Bernice" of WJR and WCX, she doesn't look as if there were some reason for a radio nom de plume, does she? Of course, she is a blond, as you can see, with blue eyes, but then, she is only twenty and still single. I can't make it out and John Patt will not lift the mystery.



"Free, white and 21," writes G. C. Arnoux, director of KTHS, in answer to my letter asking all about Tommy Brown for Grace of Charleston, Mo. "He is blessed with decidedly good looks and a rare and sunny smile. He has a decided weakness for the ladies and is constantly in demand with the fair sex of Hot Springs. Of course, the lady listeners wait each night to hear his voice in ballads or dance choruses. Tommy, in addition to playing drums and singing, is a rector by profession and, to add to his versatile talents, was educated at Ohio State university for a medico. He hails from Newark, N. J. While he has not divulged his age, I'd say he is between 25 and 30 and, Oh, Girls, what a sheik!" Thanks, G. C.

It's too late, Harold, entirely too late. It's Mrs. Lucille Long Leach now. And she is just back from a wonderful honeymoon in the Jamaican and Cuban regions. It is rumored that not only her lovely contralto voice was responsible, but that she is a beautiful brunette who really ought not to be entertaining invisibly from an audience. Notice the alliteration, "Lucille Long Leach"; just suppose that last "L" had been a "B"—Um-m! However, Mrs. Leach is not going to give up her singing just because she is married. That's the girl! You will hear her just the same over KYW.



Ruth Etting certainly is good looking don't you think so G. S. D? She's your dream girl. She has real golden hair and blue eyes and is only 5' 4" tall. By the way, I called up Ruth Etting's mother and asked where Ruth is. She went to New York to open Paul Whiteman's Night club and to make phonograph records.

Sally from Hammond: Here's "Just a Richmond Fan" taking issue with you as to who is the best announcer. She says Harold Isbell can't hold a candle to John L. Clark, formerly of WSWS. Well, John is nice and he is a bachelor, too. I had the nicest, coziest little chat with him the other day.

(Continued on page 8)

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Looking Ahead

Intimate Short Features Concerning the personalities of some of the stars at WMBB, Gloomy and Eddie of KFAB, and others at KPSN, Pasadena. In the April 1 issue of Radio Digest.

Wanda and Stella Meet in a Thrilling adventure when called upon to prove good faith in their theories of love and romance. In the next installment of the Torch of Youth, April 1 Radio Digest.

Now They Have a Brand New Idea on what should go into a "Summer Set" and a laboratory model will be described in an early issue.

Remember the New Monthly Whozit—four Whozits a month and \$100 for each month's game. Get the first pair in April 1 Radio Digest.

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

Newsstands Don't Always Have One Left

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City State.....

RECORD VOTE DEFENDS STATIONS

COMMISSION WILL BEGIN HERCULEAN UNTANGLING TASK

HOOVER THINKS NEW LAW WILL END RADIO CHAOS

To Control 18,119 Radio Stations—733 Are Broadcasters—Licenses Good 60 Days

HERE are the names of those nominated by President Coolidge to rule the ether waves of America:

Wm. H. G. Bullard, Pennsylvania, Radio Corp. of America, Dept. Head Six year term.

Orestes H. Caldwell, New York, Radio Magazine Editor Five year term.

Eugene Sykes, Mississippi, Former Justice Miss. Supreme Court Four year term.

Henry A. Bellows, Minnesota, Director Radio Station WCCO Three year term.

John F. Dillon, California, District Radio Supervisor Two year term.

As new members are appointed at the expiration of the respective terms they will serve for six year terms.

By L. M. Lamm

WASHINGTON, D. C.—After four years of grappling, Congress has at last passed a Radio bill, it has been signed by the President, and is now the law of the land. While the new law is by no means a panacea for all ills, it is believed by Radio experts here that it will help very materially in adjusting the situation which has existed in Radio for the past couple of years.

Very much, of course, depends upon the first commission appointed by the President, as it will be up to that commission in the first instance to straighten the matter out. It will also be the province of that commission to ascertain what stations are "in the public interest." Many here have expressed the opinion they are glad that they will not have to decide that question.

Held Up in Senate

The Radio bill, as already reported in the Radio Digest, passed the House some weeks ago, but was held up in the Senate for several weeks by a small number of Senators who were determined that they would prevent action, if possible. They failed in their attempt. These Senators included: Howell, of Nebraska; Pittman, of Nevada; King, of Utah; Blease, of South Carolina, and several others. The most persistent opponents of the bill were Howell and Pittman.

It is interesting to recall, however, that the bill when it finally passed, went through with only about one-third of the Senators present and without a record vote, meaning that the yeas and nays were not taken. In connection also with the final passage of the bill, Senator Watson of Indiana, chairman of the Senate Committee on Interstate Commerce, who had charge of the bill, was determined to get it through. In fact, he had already obtained the signatures of enough Senators to invoke a cloture rule and force a vote if the objecting Senators did not give way for a vote after a reasonable time.

Cloture Not Needed

It was unnecessary to invoke the rule, however. In connection with the passage of the bill in the Senate too much credit cannot be given to Senator Dill of Washington, who, although a Democrat, was allowed to engineer the bill in the Upper House of Congress. Of course, Representative Wallace H. White, Jr., of Maine, was the mainstay of the legislation in the House and has been ever since the Radio bills have been before Congress.

Under the terms of the new law a new Federal Radio Commission is created which will have charge of Radio matters, although the actual administration of the law will still be done by the Radio Section of the Department of Commerce as heretofore. At the end of a year all of the powers of the commission revert to the Secretary of Commerce, except that the commission will continue as a body and handle matters of dispute or appeals from the Radio stations or others and act as requested by Secretary of Commerce.

(Continued on page 7)

Plan Radio Trade Show For Chicago

NEW YORK.—G. Clayton Irwin, Jr., general director of the Radio World's Fair and Chicago Radio Show, is serving notice on the Radio commercial interests in general that elaborately detailed preparations are being made to hold the first Radio Trade Show in Chicago, June 13th. The show will be held at the newly completed Stevens Hotel, described as the largest hotel in the world. The show will be presented in conjunction with the annual convention of the Radio Manufacturers' association.

CANADA, U. S. AND MEXICAN FANS RUSH 10,000 LETTERS

New Federal Law Makes Commission Absolute Ruler of the Air—Listeners Would Choose Stations to be Spared

YOU LUCKY, LUCKY TEDDY BEAR!



Left to right: Marcella Schuldes, T. Bear, Viola Schroeder

ONE glance at the above picture—and if you happen to be a regular he-man—you'll admit there are advantages to being only a Teddy Bear with a saw-dust heart.

"Horatio and the Harmony Honeys,"—three good reasons for tuning in on the Marquette University-Milwaukee Journal station: When it comes to fan mail, the Honeys need a private secretary and a postoffice of their own. Horatio looks after their correspondence and arranges their programs.

Marcella Schuldes (left) and Viola Schroeder have been pals since their cradle days. When they grew too big—we won't say too old—for doll carts and roller skates, they just had to do something to keep together and they tried singing. It worked! Their voices blend as naturally and harmoniously as their tastes at the soda fountain—and you should see them use two straws in one glass.

These duo songsters are Cream City girls. They've been with WHAD more than a year now and it looks as though they're slated for a 99-year contract. They sing popular and semi-classical numbers, and are particularly fond of Hawaiian music. Marcella strums the uke.

That funny little squeak, like a tin whistle, you sometimes hear, is T. Bear's contribution.

The Honeys are members of Sally's Crew and are "on" Thursday nights at 8:30 with Red Hawkins—and at 10 the same evenings with The Crew.

With a brunette at his right and a blond at his left, Horatio tactfully maintains the strictest neutrality. No, he takes no active part in the broadcasting, but displays remarkable versatility in the roles of mascot, secretary, confidant and promoter.

BALLOT FOR FAVORITE STATIONS

Who will remain on the air with broadcasting licenses?

Use this ballot to state your choice as a Radio listener. Fill in the blanks with the call letters of your favorite stations in order that a national list may be compiled by Radio Digest to aid the proposed Radio commission in finding the broadcasting stations most enjoyed by the public. Send the filled ballot to Radio Digest, 510 N. Dearborn St., Chicago.

I VOTE FOR THE FOLLOWING TEN STATIONS TO REMAIN ON THE AIR, IN CASE THE GOVERNMENT DECIDES TO LIMIT THE NUMBER OF LICENSED BROADCASTERS:

1..... 2..... 3..... 4..... 5.....

6..... 7..... 8..... 9..... 10.....

Signed.....

Street Address or Rural Route.....

City and State.....

Have you voted for your favorite broadcasters?

The Radio Act of 1927 has become a law, ratified by House and Senate, and endorsed by President Coolidge.

On the opposite side of this page you will see the names of the five commissioners who have been selected to take control and begin the process of restoring order out of chaos from 733 broadcasters.

Anticipating that a great number of stations now broadcasting will fail to get licenses under the new order of things Radio Digest has published a ballot whereon Radio listeners have been asked to vote for ten of their favorite stations. It is the purpose of this magazine to present these ballots to the new commission for its consideration when it begins to deliberate on which stations are to remain on the air.

Voices of Set Owner

Doubtless a sincere expression on the part of the set owner and the listener will have its weight with the commission when it comes to the new allocation of the limited number of waves.

This opportunity to vote has been eagerly accepted. The overwhelming response exceeded the facilities anticipated to make a quick counting. Probably ten thousand votes have been cast. They have come from all quarters of the North American continent. American programs are often heard beyond our borders by our neighbors whether they are willing listeners or not.

In this issue of Radio Digest the third ballot is published. If you already have voted, do not vote a second time but give your ballot to your neighbor who may not have had an opportunity to obtain such a ballot.

Tell Their Own Story

And from here on we are going to let our listeners tell the story; some by letters that were attached to the ballots and others merely by their ballots. Here is the first one:

Leonard Krosiak, Eaveana, Nebr. Am sending in my ballot and hope it will help to relieve us of the over-crowded stations. I am also sending you the name of Chas. Booth, Box 163, Ashby, Nebr. I am a regular reader of the Digest; couldn't get along without it. The KFNF-KMA argument amuses me greatly.

Mr. and Mrs. Herman Steinke, E. 1, Tracy, Minn. Though I have no copy of Radio Digest I would like to vote for the following ten stations: KFNF, WCCO, WOW, WHO, WEAF, KOA, KFI, KLDS, WLS, WBAC. These are in degree of popularity.

Mrs. Claud Burdette, Springfield, Mo. Of course my vote won't amount to much but if everyone felt like that, there would be no expression of the listener's choice.

Trusts Commission

J. M. Conard, Ottawa, Kans. I am willing to trust to a Commission to iron out the trouble. I am just as selfish as the other fellow when I say, let them all go on with some qualifications.

Mrs. D. P. Shaw, Corsicana, Texas. Sometimes the interference is something dreadful though I sit up and tune until the "wee wee" hours.

Lester Drake, Buffalo Center, Ia. The Radio is a wonderful thing for the farmer. He can get his stock and grain reports and much useful information in the line of his work. It also brings us music and entertainment. We thank you for the chance of expressing our choice of stations and trust it will be of service to the Radio Commission.

J. H. Marshall, Evergreen, La. I am glad they are trying to regulate Radio. There are so many stations on the air we cannot get anything.

Felix L. Cardon, Manager Liberty Light, Ice and Power Co., Liberty, Kans. Our list does not cover all the good stations we would like to have retained, approxi-

(Continued on page 15)

KQW Broadcast First in 1909



Above—Interior of world's first broadcasting station; C. D. Herrold, early experimenter, standing. At right—Same station today, presenting farm bureau program. Both photos by C. E. Johnson.

SAN JOSE, Home of Pioneer Station That Sent Out Daily Musical Programs—Had Remote Control

broadcasting daily musical programs. It had inter-communicating air service with the Fairmont Hotel, San Francisco. Here was used the first monitor control. The station is now operated by the First Baptist Church. It features agricultural programs.

Out in the Santa Clara Valley the ranchers appreciate KQW for its authoritative lectures on problems of the soil and stock raising. It is the official organ of the California Farm Bureau and keeps its members informed on affairs at Washington.



By ANDREW R. BOONE

EVERY day it seems some new town lays claim to having produced the first radio broadcasting station. A careful study of the records and facts will show that the first radio broadcasting for entertainment began at KQW, San Jose, California. This is the oldest radio broadcasting station in the world.

The original was not in the present location of KQW, of course. Nor is the same equipment being used today. But KQW, broadcasting on 1300 kc. (231 meters) with a 500-watt transmitter, is the outgrowth of a little station which put pure entertainment on the air from San Jose in 1909, under the management of Charles D. Herrold, who continues active as director of KQW.

Mr. Herrold used phonograph records for his first broadcasting. When the licensing act was passed in 1912 the present KQW became an experimental telephone station,

Another "Honey"



Edna Cunningham

WHERE you have bees you have honey. Where you have two bees you have lots of honey. So WMBB has Miss Edna Cunningham who glances at you so coyly over her shoulder in the above picture. She doesn't have a comb (it's bobbed), she's just honey. And perhaps that accounts for her sweet soprano voice and the ardent following of listeners who buzz happily around the loud speakers when she is on the air. She leads the mixed quartet, she gives you coloratura, she lilt through the operatic arias, warbles a ballad or croons a few jazz tunes as suits your fancy. You must admit that one so versatile is entitled to a few dripping enconiums from a "B" station.

One of these days some big theatrical producer will be listening in when Edna is doing her stuff and then you will hear of a new star on Broadway and WMBB will be short a little Honey.

'Tenshun! And Ears Right! General McRae on the Air

Major General James H. McRae, in command of the Second Army Corps Area, is lending his assistance to the Citizens' Military Training Camps for 1927 by talking to Radio audiences on the benefits that may accrue to those who take advantage of this training. His first talk was over WJZ, New York City.

Boss 'Tends Bar All Day Then Works Air 10 to 11

Charlie Erbstein, known to Radio fans America over as the "Boss" is putting in busy hours since he returned to the air. Being a high priced barrister he puts in a busy day at the bar of justice. He dines and then reports to Mike WTAS at ten o'clock. Station WENR has moved from the old WTAS studio to the Straus studio.

PLAYS IN SYMPHONY AND SHE'S ONLY 17



CHARLIE ERBSTEIN, OLD-TIME BOSS AT ELGIN'S WTAS, MAKING UP WITH MIKE



HOW many, many times you have heard that heavy bass voice of Arthur Wellington announce Miss Audrey Call at KYW? Her classical technique, her deliberate, assured manner in the handling of her violin doubtless convinced you that she was a mature and experienced artist of the musical world.

But just look! This is her picture. She is only a child—that delightful and romantic age of Seventeen! Yes, this is Audrey Call and the reason she comes before you in this surprising way is that she has just been accorded a signal honor. She has been elevated to the soloist's dias in the center of the great and wonderful Chicago Symphony Orchestra, one of the most famous musical organizations in the world.

It was a highly coveted honor for Miss Audrey. Every year the ambitious students of Chicago musical teachers vie with each other for the honor of appearing on this special occasion with Chicago Symphony Orchestra. Elimination contests are carried on until finally one remains—and that one for this year happens to be your Audrey Call.

If you ever were fortunate enough to hear her play D'Ambrosia Concerto you will not be surprised to hear that this was the selection she chose for her debut. At KYW she is also one of the stars of the Edison String Trio.

HIS "MOST EMBARRASSING PROGRAM"



WHY do Radio directors and announcers go insane?

Probably every broadcasting station will give you a different answer.

Karl Stefan, announcer at WJAG, Norfolk, Neb., writes of the night he all but dashed his brains out against the padded walls of his studio under a caption, "My Most Embarrassing Program." Here 'tis:

"Back in 1923 when Radio station WJAG was one of the very few stations operating in the middle west, towns rivalled each other in sending to Norfolk their very best talent to entertain Radio listeners and advertise their communities.

"Great preparations were made to present the entertainers of Albion, the metropolis of Boone county and home of the 'best county fair in the country.' They were to have the greatly coveted Sunday afternoon when everybody is home and listening in. We were glad and proud to have the Albion folks partake of our hospitality. Special wires were brought in to a specially prepared studio.

Albion Artists Prepared

"It also was a propitious occasion for the Albionites. They too had been making special preparations by frequent and assiduous rehearsals. The leading citizens of the town were waiting with tense eagerness for the first words of the program to come over the air. Telegrams of congratulation were written in advance. Messengers were at hand to rush the telegrams to the sending station.

"I felt thrilled and happy at the opportunity to speak words of welcome and praise of our guests. I think I never had been quite so eloquent before. I glowingly presented the first artist. And I felt that the young man who played his violin was worthy of the tribute I had paid to him. The next number was presented with equal enthusiasm. Albion certainly was doing itself proud. Thank heaven for the Radio, it was one of the greatest instruments for bridging over town rivalries and fostering kindly feelings to one another.

"Other numbers came and passed. It was time we were receiving the messages of congratulation. I began to feel a sickish feeling that all was not well. Some of the visitors began to fidget and look annoyed. We wondered why no word was coming in from Albion.

Become Suspicious

"Don't worry," I said. "You know how it is where you have to depend on wires. Sometimes they get crossed and again they are cluttered up with messages going through to other towns. We'll be hearing from the folks shortly."

"But, how about the long-distance?" asked one young woman.

"Telephones have their troubles, too," I said. "Wait until Radio comes into its own and all the telephoning and telegraphing is done by wireless."

"About then I saw the operator, sleeves rolled up and his face smeared with grease making frantic motions for me to come into the operating room.

"Listen," he said, "your program is not going out!" I grasped the back of a chair and wilted into it.

"Not a peep," he added grimly.

"Since when?" I asked.

Mike Is Dead

"Nothing," he replied. "Not a peep has gone out. I've worked over the set ever since you started and I can't get a whimper. Just one other chance to try yet and if that don't work I'm through. I'm going home."

"Embarrassment? Oh it was awful, too awful for words. It simply could not be explained, because there had been rivalry between the two towns. I never would be able to down a suspicion that it was all a despicable plot to humiliate Albion.

"The operator plunged into the mess of apparatus and I staggered back to the microphone mustering up all the bravado I could command. I could see cold glances on the part of our guests but I could not tell them. I simply announced the next number. Nothing further happened from the operating room and I hoped against



"Hush, not a word!" said Karl Stefan, announcer at WJAG, Norfolk, Neb., when the operator started to explain that the mike was "dead" from a breakdown. Mr. Stefan at the mike.

hope that the trouble had been located and remedied.

Telegrams Arrive

"Then, like a golden sunbeam bursting through a thunder cloud, a blue coated messenger boy came in with a handful of messages. They came from all around Norfolk but not a word from Albion. More consternation. I tried to explain—and then I saw the operator beckoning from his doorway again. It was like the call of Death.

"I'm going home," he said.

"You are not," I answered abruptly.

"The blankety-blank I'm not. Watch me."

"But how come the telegrams?" I demanded.

"I saw your face and felt so darn sorry I went out and got 'em written up to make you feel better," he explained.

Bluffed It Through

"Well, I carried through the program and signed off in the usual way. There was a tremendous lot of mystery about this program for months afterward. But I never told. The only thing I could do was to boost Albion to the skies in season and out of season, until the Albion people knew that I was really for them. They even cheered me to the echo when I was introduced at a crowd of 20,000 in the grand stand at the fair. But this will be the first public acknowledgment made of what happened on that terrible Sunday afternoon. WJAG worked perfectly the next day, has never missed a program at any other time. And perhaps my Albion friends will be surprised when they see this explanation in Radio Digest. But I hope they will forgive me for it for it was indeed my most embarrassing program."

Chicago Artists Present Brilliant Benefit Party

CHICAGO.—Nearly 5,000 listeners from Chicago and a host of cities in the Middle West attended the benefit performance staged by the Chicago Broadcasters Association at Rainbo Gardens, February 28. Artists from the eleven stations making up the association appeared in a body and individually put on the acts which have endeared them to the listeners.

The proceeds of the benefit are to be expended in continuing the charity program of the Broadcasters, which during the past two years has required several thousands of dollars. The Association has helped nearly a score of needy radio artists and musicians with sums varying in amount from \$100 to \$150 each. The fund has also provided numerous Radio sets for destitute inmates of many of Chicago's institutions and hospitals.

All of the guests manifested a keen interest in the personal appearances of the broadcasting artists and after the entertainment numbers "rushed them" for dances.

VENDOR'S RECEIVER MAKES LEGAL KNOT

WASHINGTON, D. C.—The question as to whether a man toting a Radio set on a cart around the city is an itinerant musician or a vendor has been puzzling officials of the District of Columbia for more than a year. John F. Davis, a blind former hacker, carried a Radio set in a cart around Washington to attract trade for his wares and he has been the center of a controversy waged by the police and attorneys for more than thirteen months.

New Talkie-Movie Have Sound Record on Film

SCHENECTADY, N. Y.—Talking motion pictures in which the simultaneous timing of action and sound is at all times assured have been announced and demonstrated by the General Electric company here.

The process, a result of several years of experimenting in the engineering laboratory of the company, means but slight change in standard motion picture projectors, since it involves only the addition of a sound-reproducing attachment and a loud speaker suitable for auditorium use. Both the picture and the sound are recorded on the same film. This is different from the Vitaphone which employs a disc record.

One of the demonstrations has been with music to accompany feature films, the music being by a full concert orchestra. Development of this field requires no change in the technique of making the original film. After the original picture film has been made and titled, the accompanying music is played by a concert orchestra and is recorded on a film. The picture and sound records are then printed on one film in the proper time relation.

WAAM's Godley DX Night Shows How to Get Distance

NEWARK, N. J.—The method of rebroadcasting programs from distant stations over WAAM here, devised by Paul Godley, Radio engineer, has passed experimental stages, and many WAAM listeners have reported that they have been thus enabled to hear Pacific coast stations for the first time. Mr. Godley's parties are held each Friday night, or rather each Saturday morning, starting at midnight, Eastern time. They continue as long as reception is good.

Two sets have been installed at Cedar Grove, an isolated section where reception is exceptionally good. For the rebroadcasting is used a six-tube set, with two stages of radio amplification, detector and three stages of tone amplification. In addition, another set, a seven tuber, is employed as a "scout." The aerial used is 35 feet high, 150 feet long, and ground is to the hot water system.

"Mike" Writes It

Below: The celebrated Mr. Tuning Fork before the microphone. What does he tune? See strip oscillograph answer, top and to right. Other strips show sound records of "Bang" and "Ra-di-o." Notice the scraggly, shapeless chirography of the word "bang" as compared with the neat, symmetrical autograph of the word "Radio."

SOUNDS WRITE OWN PEN "AUTOGRAPHS"

Delicate Oscillograph, Attached to Microphone Makes Visible Record of Noise Vibrations

SCIENCE has been doing almost everything to sound except serve it for breakfast food. Now we are permitted to see it photographically, rather than the physical impression it has caused on a graph. This is made possible by the modern microphone, used in Radio transmission.

After the old bus has begun to groan and protest with squeaks in its joints and we say it has the "canaries," the motor manufacturers are anxious to know all about it. They believe in an ounce of prevention rather than a pound of cure. So they have developed the oscillograph to study automobile "canaries." In the General Motors laboratories in Detroit they have harnessed "Mike" to the oscillograph. Every little sound writes its own ticket through an electric current transmitted through the microphone and scribbled precisely on a permanent record.

Snapshot of "Bang"

"Bang!" The word is spoken, and this is what happens:

1. The microphone picks up the noise pulsations in the air and changes them into pulsating electric currents.

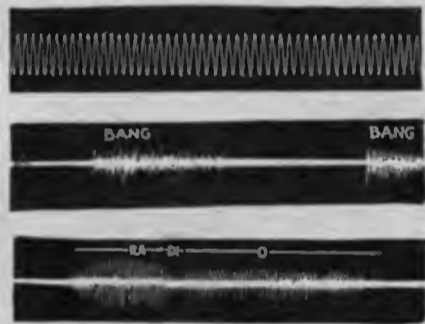
2. The vacuum tube amplifier magnifies these currents from the microphone until they become strong enough to actuate the delicate element of an oscillograph. During this step the current must not be distorted in the slightest degree.

3. In the oscillograph a tiny spot of light reflected from the moving element vibrates back and forth across the photographic film revolving on a drum. After development the film shows a trace representing the wave form, intensity and pitch of the sound picked up by the microphone.

Ordinary radio equipment is not accurate enough for this work, and each of these devices must be specially built.

Noise hunting in cars is difficult because vibrations may be "telegraphed" from one member to another. There is always the danger that the wrong member will be accused of making the noise. It often happens, too, that when the real source is found, the changes necessary to remove it cannot be made. In such cases one or more of the members, through which the noise is being "telegraphed" to the air and the passenger's ears, must be changed so that they will no longer respond to the vibrations of the offending part.

Below are samples of "Mike's" penmanship.



HE HAS 10,000 MORE JUST LIKE THESE



JUST lookee! Here's Uncle Bob himself and some of the little Bobs and Bobettes at the KYW studio in Chicago! Aren't they the lucky ones to be right by Uncle Bob, sittin' on his lap an' everything? Guess Uncle Bob's got more kiddies than anybody else'n the world, don't you? Betcha he's got ten thousand or maybe a millyun, watcha bet? Ho's been

Uncleing for ever so long and boys who used to be like the one in the picture when he began being Uncle are wearing long pants about now, betcha. And another thing, too, there are a lot of boys and girls alive today who might be dead 'cept that Uncle Bob taught them to stay on the curb. Are you a member of his "The Curb's the Limit Club?"

WITH \$3,000 SHE EARNS A MILLION

Radio Romance Brings Nellie Trego Big Success From Small Loan Made in 1921

FA ME, fortune and immeasurable happiness have been the gifts of Radio to the people of the world—especially those of us who live on this North American continent. But what Radio did for Nellie Trego (picture at right) of Kansas City is a story that will interest everybody. Just before the World War Mrs. Trego was left a widow by a small town hardware man in Kansas. She didn't know the first thing about business, had never thought of it. But there was a little insurance and she hurried away to Kansas City to take a business course to support herself and small daughter. She went to work for \$12 a week. She had a bright mind and a bright smile and soon had invested some of her small reserve in the tire company by which she was employed.

Tire Company Falls

The tire company prospered and soon she was able to buy a \$6,000 home for herself and little daughter. But after the war depression and "deflation" knocked the tire business flat. In fact she was broke but for the home she had paid for. However, she was a good bookkeeper now and things did not look quite so black as it did that bleak day when she had buried her husband and sole support back in the little Kansas country town. Suddenly young Mr. Radio came beaming into her life.

A. J. Stephens who had first employed her in the tire company said he believed Radio had a future—that was in 1921. She didn't know the first thing about Radio but she made it a point to find out and then, against the advice of the most of

SMILE, BRAINS AND RADIO WIN FORTUNE



her friends and particularly her banker, she mortgaged her home for \$3,000. Of this she spent \$2,000 for advertising and the balance on a lease. Her goods she obtained on deferred payment. Mrs. Trego was president of the company.

Does \$1,000,000 Business

Two years later Stephens withdrew to reorganize his tire business and Mrs. Trego kept right on, expanding, adding to her technical force and keeping up to date with her stock. Her first employes have progressed with her and she now has a force of 135 regular employes and in rush seasons she has 200. Last year she did (Continued on page 15)

WMAK ROYAL DELWOOD TOOTERS HITTING LOW NOTES ON "WHOO-ZIT BLUES"



This Is Joe, KSO



WEAF Pioneer Artists Weave Chain into Net

NOW that the great net system of broadcasting has spread from coast to coast attention has been called to some of the artists of WEAF who helped to weave the "chain" into a "net."

Of course there were Graham McNamee and Phillips Carlin who still hold forth at this pioneer station and whose popularity is still at the zenith. Their names and pictures have appeared in newspapers, magazines and books all over the nation. Then there are others whose names have been announced and whose voices and instruments have been heard over the air but whose faces are not so familiar.

In an adjoining column some of these faces are shown. Look at them. See if you can pick them out from what your ears and your imagination told you. Then check your guesses against the names in the text beneath the picture.

Fans Are Curious About Joe of KSO

WHAT would Iowa do without her broadcasting stations?

"It's been a long time since we have seen anything in print about KSO at Clarinda," writes a farmer from the northeast section. "Can you print a picture of Uncle Joe? The children would like to know how he looks." Well, here's Uncle Joe, on your left, Mr. K. He looks kinda lonesome beside Uncle Bob.

AH! HA! So these are the hot-ka-tootin', rambo-rottn boys of the Royal Delwood orchestra at WMAK, Buffalo. They have stirred the country from coast to coast with their Tuesday Midnite Whozit Giggiebug parties. They play from 12:30 to 2 and 3 o'clock Wednesday morning, catching the eager DXers of the Golden

West after many other stations have closed down. They originated the "Whozit Blues," which has swept from station to station. The home of the orchestra is at the Dellwood Ball Room but the broadcasting is done from the WMAK studio, atop the Liberty building. The orchestra is directed by Bill Stauffler.

YOU'VE HEARD THESE OVER WEAF



Above are artists who helped weave famous WEAF chain into national net. Standing, left to right: Wilfred Glenn, basso; Frank Banta, pianist; Elliot Shaw, baritone; Ed Smalle, accompanist. Sitting: Franklin Bauer, 1st tenor; Lewis James, 2nd tenor; Sam Herman, xylophonist; Louis Raderman, violin. At right: Miss Florence Hardman.

EDDIE SQUIRES OF WJAX IS CALLED "ACE ANNOUNCER" OF SOUTHLAND BY CRITICS



This is Eddie Squires, whose snappy programs and versatile announcing made Florida station one of the most famous broadcasting stations in the country.

By Richard Moffett

Radio Editor Florida Times Union

“WHAT type of programs please the greatest number of people?” This is a question Eddie Squires, chief announcer and director of WJAX, Jacksonville, Fla., who has just completed his fifth year in radio work, has been making a study of since the first night he made his appearance at WDAP, the Drake Hotel in Chicago.

He has answered this question to the satisfaction of many throughout the Southland in the programs broadcast from WJAX, one of Dixie's most popular stations. Taking over the station in January 1926 without funds with which to buy talent, he raised the standard of the station to a level with the finest on the air. His well known call “WJAX, In the Land of Sunshine,” during the month of January was heard in 46 states, six Canadian provinces and the republics to the south, according to a tabulation of the fan's mail for the month.

Short and Snappy

Short programs of the vaudeville variety with something different each time has been the aim of the WJAX announcer-director. A close tabulation is kept on fan mail, the pulse of the radio world, and that which pleases the masses has been selected for the programs of WJAX.

Although possessing a good musical education, “Eddie” does not fill his listeners with classical music all the time, but mixes it with jazz, hoakum of the Wendell Hill and Jack Little variety, old time fiddling music, the harmonica, and a little of something to fit the tastes of all.

Educated at Yale University, also Yale Music School in the class of 1914, and with a background of training as a bond salesman, pianist, entertainer and mimic, baritone soloist and actor with the Poll Stock Company Eddie Squires was ideally fitted for radio work.

Played Through College

While at college he played his way through as a member of a small orchestra with other self-supporting students who had to work if they desired the fruits of an education. He was pianist at the Cafe Melone, an Italian eating place at New Haven, and well known to most Yale men. While at Yale he also was accompanist for Rosa Ponselle, before the metropolitan opera singer became famous.

Known as the “Globe Trotting Announcer,” Eddie has been guided by the hand of radio to new stations wherever they opened. With WDAP, Chicago, then WLAG, Minneapolis, KDKA, Pittsburgh, “The Pioneer Station of the World,” and finally opening WMCA, the Hotel McAlpin station, he made friends wherever he appeared.

Fate Leads to Florida

Fate took a hand in bringing him to Florida, to a new station. When his father passed away, Eddie, to ease his sorrow, left on a yacht trip to Florida with a Yale classmate. The Jacksonville station had been opened only a month; the announcer had proved too inexperienced to carry along the duties, then Eddie happened along and signed up for the job. His work with WJAX, at Jacksonville, Fla., is well known, and to the

surprise of his many friends Eddie has stuck with the station, moulding it into one of the finest in the South from the standpoint of programs.

In his varied career as announcer Eddie has had many experiences. One of his greatest thrills, he claims, was in a program one night from KDKA when appearing in the well known “How Do You Do” song he tacked on the name of Chili and asked for some word from the South American country. The following day he received a cablegram claiming the program had come in fine.

At KDKA he recalls two novel incidents. One was when a noted Russian soprano upon opening her mouth preparatory to singing—found that a moth flying about the studio thought the sacred portal a nice resting place and flew in between her teeth, much to the discomfort of the singer. On another occasion a dignified lady reciting some poetry was startled by a mouse running from beneath the piano stool. She pulled her skirts above her knees and yelled into the microphone, “Oh, My God.”

Versatile Announcer

There are few announcers on the air more versatile than Eddie Squires. He can fill out a program in a pinch and upon a minute's notice. He can play, sing, is a good story teller and mimic and his “One-Man Radio Act” is known throughout Radio Land. While in New York with WMCA, he was accorded the honor of being one of the ten best announcers by the New York Sun, following a series of tests conducted by New York University.

Try New “Death Ray”

PARIS.—Military and technical experts in France are eagerly discussing the report of sensational secret experiments which have been taking place in the engineers' barracks at Montpellier, and the report has spread that the long-predicted “death ray” has at last been discovered.

Officers of the technical department of the general staff in Paris have been present for a week past at these experiments, which were carried out by an officer of engineers.

It is claimed that by the apparatus this officer has invented, concerning the construction of which the greatest secrecy is maintained, mines can be exploded, fires lighted and extinguished from a distance without the use of either an electric current or radio. The inventor claims that by means of his apparatus it will be possible to explode mines from any distance and at any time selected.

The experiments have met with complete success.

According to independent experts, the invention is not wholly independent of radio.

Many claims have been made in recent years to the discovery of a “death ray.” The most sensational was that of Mr. Grindell-Matthews, who in 1924 claimed that his invention would destroy life, wreck aircraft and explode ammunition. A demonstration before the British Air Ministry's experts, however, was unsatisfactory.

Mr. Grindell-Matthews had one of his eyes completely destroyed when his ray was accidentally turned on him.

“CHAOS GOES”—HOOVER

(Continued from page 3)

“It seems certain that with the completion of the Radio legislation it will be possible to eventually clear up the chaos of interference and howls in radio reception,” said Secretary of Commerce Hoover, following the signing of the Radio Act of 1927 by President Coolidge. In his statement the Secretary says further:

“The new commission which is to determine who shall have licenses to broadcast, at what times and with what power, will no doubt require some months to make rearrangements of broadcasting stations, which will be necessary. It will require some patience on the part of listeners while the commission works out the problem.

“There are today 733 stations broadcasting for public entertainment and information and there are a total of 18,119 radio sending stations of all sorts.

To Change System

“This new act makes a fundamental change in the whole radio system. Every license for radio transmission now outstanding is automatically terminated. This applies to the whole 18,119 stations—broadcasting, amateur, transoceanic and all others. No new licenses can be issued and no action can be taken upon applications now pending until the commission is formed.

Owners of licensed stations may under the law continue to operate them for a period of sixty days without incurring the penalties provided in the act for unlicensed operation. Every station owner who desires to operate after the sixty-day period must apply to the commission for new license, and should do so within the sixty days.

Permits Required

All persons who are constructing or desire to construct new stations must apply to the commission for construction permits. Stations completed without obtaining such a permit in advance cannot be licensed.

Applications for station licenses are to be filed with the Secretary of Commerce as heretofore, although they can be acted upon only by the commission. New forms are required and the form must be fixed by the commission. It may be expected that the commission will be appointed and will prepare the forms at an early date, and that they will then be available to those desiring to apply for licenses.

New Operators' Licenses

Operators' licenses, as distinct from station licenses, remain under the con-

JACK NELSON GOES TO WTHO, DETROIT

By CHARLES HUGHES

AFTER five years of continuous broadcasting in Chicago, Jack Nelson, known throughout the country as one of the first radio stars, is leaving Chicago to take up his duties as announcer at a new station in Detroit.

Mr. Nelson first achieved popularity as announcer at old WDAP, Drake Hotel, Chicago, back in the early days of radio in 1921. He served under three “regimes” as director and announcer while at that location; first when it was owned by Thorne Donnelly and Elliott Jenkins, later when it was operated by the Chicago Board of Trade, and still later when it was taken over by the Chicago Tribune when the call letters were changed to WGN. When Jack entered radio, there were three stations in Chicago, including WDAP, and it is safe to say there was never a more popular station in the middle west than it was at that time.

He was next heard at WJJD, where he was director and announcer. He opened that station in October, 1924, and remained until lured away from Chicago by the Thomas Broadcasting Co. of Detroit, which opened its station WTHO on Saturday, March 5th, with 1,000 watts power on 407 meters.

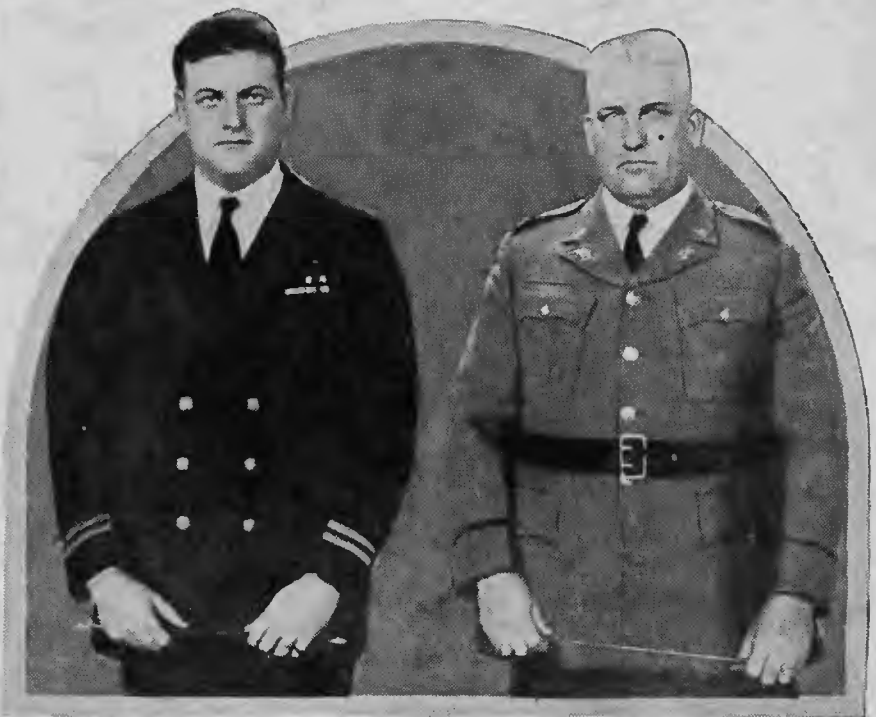
During a two weeks' interim, Mr. Nelson officiated at the microphone of WTAS (Willie, Tommy, Annie and Sammy) while “The Boss,” Charles E. Erbstein, was away from Chicago.

While Chicago loses an experienced and popular radio personality, Detroit has another name to add to its list of “pioneers,” which include, “Ty” Tyson of WWJ; C. D. Tomy, better known as the “Chief of the Red Apple Club” of WCX; Leo Fitzpatrick, who started thrilling DX fans as the “Merry Old Chief” of the Kansas City Nighthawks, now WJR, and Jack Nelson at WTHO.

control of the Department of Commerce, but all such licenses now outstanding are terminated by the new law and new licenses must be obtained.

The department will, however, issue operator's licenses under the new law to all persons who are now licensed. This will be done upon the request of any licensed operator, without examination and without expense, the new license to cover the unexpired period of the one now outstanding.

DIRECTING ARMY AND NAVY ORCHESTRAS IN SERIES OF PAN-AMERICAN CONCERTS



At left, Lieutenant Charles Benter, U. S. N.; Captain William J. Stannard, U. S. A.

WHILE the dogs of war are sniffing and growling around in the doors of our neighbors to the south there comes one pleasant note from the Hall of the Americas in Washington.

The Army and Navy orchestras, famous throughout our own country for the excellent quality of their musical programs, have combined for a complimentary series of concerts to be broadcast in honor of, and for the special entertainment of our Latin-American neighbors.

Only Pan-American Airs

Music from the Pan-American lands will be played exclusively. The combined group will include 75 musicians and the repertoire will consist largely of numbers

never before played in the United States. The concerts will be presented under the auspices of the Pan-American Union in its Hall of the Americas, Washington, D. C., and will be broadcast over the Navy department radio station, NAA, which has been especially equipped for broadcasting musical programs. This station is historic and is claimed by many to be the first one to do general broadcasting in America. It operates on 435 meters.

In the photograph above may be seen Lieutenant Charles Benter, conductor of the Navy orchestra (left) and Captain William J. Stannard, conductor of the Army orchestra. The picture was taken at the Pan-American Union.

MONTHLY WHOZITS PAY \$100 PRIZES

MARCH WHOZITS ALL SET READY TO ASSEMBLE

Last Warning—Entries for \$26,000 Whozit Games Must Be in Mails Not Later Than March 15

HERE we are today with the second pair in the quartet of Monthly Whozits, which pays cash prizes of \$100.

Four Whozits to get the money! The other two Whozits in this new contest were published in the March 1 issue of Radio Digest. It is assumed that you cut them out and have them ready to match up with the segments in these two in the March 15 issue. Only 16 segments in the whole game. It doesn't matter if the faces are not entirely familiar. You can just about tell where segments belong after you have cut them apart and tried them out to see how they fit.

Neatness Will Count
Put them together in the neatest, cleverest way you can imagine and send them off at once to Whozit Editor, Radio Digest, 510 N. Dearborn St., Chicago. They must be mailed by March 22, 1927.

Remember, too, that this, March 15, is the last day that you have to send in your entries for the first great Whozit Game that was played in conjunction with the twenty-four broadcasting stations and their artists. Be sure to have your entries in the mails today to count for the \$26,000 prizes.

Seven Cash Prizes
In the Monthly Whozit game the following prizes will be paid each month: First Prize, \$50 cash; Second Prize, \$25 cash; Third, Fourth, Fifth, Sixth and Seventh Prizes, \$5 cash each. They will be announced in the April 15 issue of Radio Digest.

Notice the difference in the serial numbers of the segments in this new game. March is the first month of the series. We have "1A," "1B," "1C," etc. In April it will be "2A," "2B," etc.

The March artists are: Little Jack Little, Bert Davis, Billy B. Van and Art Gillham. All monthly Whozits will be celebrated Radio Artists. Watch for the April 1 Whozit pictures.

Monthly Whozit Rules
Following are the rules and conditions for playing the new Monthly Game of Whozit:

TWO OF THE FOUR MARCH WHOZITS



Here are eight of the sixteen segments that represent the features of Little Jack Little, Bert Davis, Billy B. Van and Art Gillham. Cash prizes amounting to \$100 offered each month for right solutions.

1. In each issue of Radio Digest during the period of the Monthly Games of Whozit, will appear two composite photographs of four segments each. These segments will represent sections of photographs of prominent Radio artists. The segments appearing in the two issues of any one month will, when correctly assembled, form four complete pictures.

2. The Monthly Game of Whozit will consist in separating the published segments and reassembling them so that they will compose the four original artists.

3. To the individuals who correctly assemble these segments, and show the greatest accuracy, originality and neatness in the completed entries and include the most interesting letters, not to exceed 200 words for each entry, will be awarded the following prizes: \$50, First Prize; \$25, Second Prize, and \$5 each for the next five prizes.

Entry Time Limit

4. Each Monthly Game of Whozit entry must be delivered or in the mails not later than midnight of the twenty-second day of

the month for which the game is played. Send completed entries to Monthly Whozit Editor, care of Radio Digest, 510 N. Dearborn St., Chicago. Awards will be announced in the Radio Digest appearing on the fifteenth of the following month.

5. The editors of Radio Digest will award the prizes and their decisions will be final.

6. In the event of a tie for any of the prizes offered, prizes identical with that tied for, will be awarded each tying contestant.

Chicago Artists Present Brilliant Benefit Party

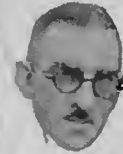
CHICAGO.—Nearly 5,000 listeners from Chicago and a host of cities in the Middle West attended the benefit performance staged by the Chicago Broadcasters Association at Ralabo Gardens, February 28. Artists from the eleven stations making up the Association appeared in a body and individually put on the acts which have endeared them to the listeners.

SHORT WAVES

By Marcella

(Continued from page 2)

Rena, I have seen Russel Pratt at work when he ran the air line. Did you know he was both the conductor and the colored porter? Just as clever you never would believe it unless you were to see it. They say the Topsy Turvy Time children just love him, and no wonder, he has a family of his own and he knows. You can see for yourself what he looks like. He is tall and very quiet.



Reserves all his fun for the air. Did you know he was going to start a Smile School at WMAQ? Yes sir, he is.

Ransom Sherman is just as reticent about himself; writes reams about his work and nothing at all about himself. He says he is interested in Radio as a hobby and does not think he will make the world's greatest Radio announcer. That really is unusual. If you knew announcers as well as I do. He went to Northwestern University with Mr. Pratt and says that he is in the insurance business on the side but is sure you won't be interested in that, because so few people are.



My, Oh my, I never saw anything so popular as these WOW men are. It just keeps me busy asking Mr. Konecky questions about them all, but then, he is very good tempered. Some directors just ignore me. Mrs. C. M. R. Dr. Applesauce and Arthur Hynes and his organ jubilee have been waiting for Congress to clear the air. As to the "Blah Club," it cannot blah, because Izzy is too busy. (Blah! Is he?)

G. S. D., Highland Park, Mich., writes: "I don't believe I ever wanted to know anything so badly as I do right now. Who is the Sweetheart of the Air at WLS? I must know all about her NOW. Is she married? How old is she? Color of her hair and eyes? Please tell me the size shoe she wears."

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

WOMAN'S PROGRAM INDEX (Daily Unless Indicated)

Household Economics, Women's Hour, Etc.

Eastern	Central	Mountain	Pacific
8:30 a.m.	8:30	7:30	6:30
WWJ (352.7m-850kc), Tonight's dinner.			
10			
WCSH (499.7m-600kc) ex Sat.			
WIP (508.2m-590kc), Menu, Tues, Thurs, Sat.			
WVMA (340.7m-890kc), Homemakers' club, Tues.			
10:15	9:15	8:15	7:15
KDKA (309.8m-970kc), Homemakers' chats, Tues, Fri.			
10:30	9:30	8:30	7:30
KVOO (374.8m-800kc), Mothers' hour.			
WTAG (545.1m-550kc).			
10:40	9:40	8:40	7:40
WEAF (491.5m-610kc), Betty Crocker, Mon, Wed, Fri.			
WFI (394.5m-760kc), Betty Crocker, Mon, Wed, Fri.			
10:45	9:45	8:45	7:45
KDKA (309.1m-970kc), Betty Crocker, Mon, Wed, Fri; WEEL (348.6m-860kc), Mon, Wed, Fri; WTAM (389.4m-770kc), Mon, Wed, Fri.			
WBCN (266m-1130kc), Home service program.			
10:55	9:55	8:55	7:55
KSAC (340.7m-890kc), Housewives' ball hour.			
11			
WCC (285m-1050kc), Polly Porter.			
WOI (270.1m-1110kc), Homemakers' hour, Tues, Thurs, Fri.			
WSB (428.3m-700kc), Homemakers' hour.			
11:10	10:10	9:10	8:10
WEAO (293.9m-1020kc), Homemakers' hour.			
11:15	10:15	9:15	8:15
WCAE (461.3m-650kc), Women at home.			
11:45	10:45	9:45	8:45
WCCO (491.4m-720kc), WDAF (365.6m-820kc), Betty Crocker, Mon, Wed, Fri.			
WNYC (526m-570kc), Home economics, Wed.			
12			
WEBB (370.2m-810kc), Prudence Penny.			
WQJ (447.5m-670kc), Home economics.			
12:15 p.m.	11:15	10:15	9:15
KMOX (280.2m-1070kc), Cooking, household hints, Fri.			
KFRU (499.7m-600kc), Housewives' hour.			
12:30	11:30	10:30	9:30
KMTR (370.2m-810kc), Sylvia the blind cook, Tues, Thurs.			
WGN (302.8m-990kc), Home management period.			
12:35	11:35	10:35	9:35
KYW (535.4m-560kc), Table talk.			
12:40	11:40	10:40	9:40
WTAG (545.1m-550kc), Lydia Flanders, Fri.			
12:45	11:45	10:45	9:45
WNY (526m-570kc), Recipes.			
12:55	11:55	10:55	9:55
KSAC (340.7m-890kc), Housewives' ball hour.			
1			
KGW (491.5m-610kc), Household helps.			
WSOE (246m-1220kc), Ladies' hour, Mon, Wed, Fri.			
1:15			
WTAW (270.1m-1110kc), Spring cleaning.			
1:20	12:20	11:20	10:20
KFI (467m-642kc), Mon, Wed, Fri.			
1:30	12:30	11:30	10:30
KNN (336.9m-890kc), Household economics.			
10 a.m.			
Daily ex Sat.			
KOMO (305.9m-980kc), Totem cooking school.			
1:40	12:40	11:40	10:40
KFI (467m-642kc), Betty Crocker, Mon, Wed, Fri.			

Eastern	Central	Mountain	Pacific
1:45 p.m.	12:45	11:45	10:45
KTO (428.3m-700kc), Betty Crocker, Mon, Wed, Fri.			
2:05	1:05	12:05	11:05
KJR (384.4m-780kc), Prudence Penny.			
WJZ (454.3m-660kc), Daily menu, ex Sat.			
2:10	1:10	12:10	11:10
KGO (361.2m-830kc), Prudence Penny.			
2:15	1:15	12:15	11:15
KOIL (395.9m-980kc), Shopper's aid.			
WJZ (454.3m-660kc), Denison craft, Mon.			
2:25	1:25	12:25	11:25
WJZ (454.3m-660kc), Shopping service, Mon.			
2:30	1:30	12:30	11:30
KFNF (461.3m-650kc), Women's hour.			
KJR (384.4m-780kc), Shopping news.			
3			
WCCO (416.4m-720kc), Women's hour, Wed, Fri.			
WHB (365.6m-820kc), Ladies' hour, Mon, Wed, Fri.			
WSOE (246m-1220kc), Cooking chats, Mon, Wed, Fri.			
WIP (508.2m-590kc), Market hints for housewives, menus, Mon, Tues, Fri.			
WJZ (454.3m-660kc), Your daily menu.			
3:15	2:15	1:15	12:15
WHO (526m-570kc), Recipes, household hints.			
3:30	2:30	1:30	12:30
WIK (272.6m-1100kc), Housekeeper's chat.			
WLS (344.6m-870kc), Homemakers' hour.			
WLW (422.3m-710kc), Cooking chat, Wed.			
3:45	2:45	1:45	12:45
KENF (461.3m-650kc), Ladies' hour, Mon, Tues, Thurs, Fri.			
4			
WIP (508.2m-590kc), Market hints for housewives, Tues.			
WOC (483.6m-620kc), Aunt Jace.			
WQJ (447.5m-670kc), Home economics.			
4:30	3:30	2:30	1:30
KMOX (280.2m-1070kc), Housewives' hour.			
WLS (344.6m-870kc), Housewives' hour.			
5			
KOA (322.4m-930kc), Housewives' matinee.			
Tues, Thurs, Fri.			
WOS (440.9m-680kc), Mon, Thurs.			
5:15	4:15	3:15	2:15
WMAQ (447.5m-670kc), Mothers in council, Wed.			
5:30	4:30	3:30	2:30
KOA (322.4m-930kc), Question box, culinary hints, Tues, Thurs, Fri.			
WLW (422.3m-710kc), Cooking school, Wed.			
6			
KGO (361.2m-830kc), Hints for housekeepers.			
Wed.			
7:15	6:15	5:15	4:15
WKAR (285.5m-1050kc), Ex Man and Sat.			
8:30	7:30	6:30	5:30
KUOA (299.8m-1000kc), Helpful hints.			
9:30	8:30	7:30	6:30
KOB (348.6m-800kc), Housekeepers' chat, Mon.			

"Aunt Sammy"

Eastern	Central	Mountain	Pacific
10 a.m.			
WGBS (315.6m-950kc) Mon.			
10:30	9:30	8:30	7:30
WCSH (499.7m-600kc), WIO (526m-570kc).			
10:50	9:50	8:50	7:50
WMC (499.7m-600kc), Mon, Thurs.			

Eastern	Central	Mountain	Pacific
11 a.m.	10	9	8
WEAO (293.9m-1020kc).			
WOS (440.9m-680kc).			
11:40	10:40	9:40	8:40
WAMD (243.8m-1230kc), 12 n.			
WAMD (243.8m-1230kc).			
WRVA (256m-1170kc) Wed.			
1:10 p.m.	12:10	11:10	10:10
KFO (428.3m-700kc).			
1:15	12:15	11:15	10:15
KFOA (454.3m-660kc).			
1:30	12:30	11:30	10:30
KFAU (280.2m-1070kc).			
1:45	12:45	11:45	10:45
WDAF (365.6m-820kc).			
12			
KOIL (305.9m-980kc).			
1			
KNA (461.3m-650kc); KSL (299.8m-1000kc).			
3:30	2:30	1:30	12:30
WBK (272.6m-950kc).			
4			
WOC (483.6m-620kc).			
4			
KPXP (249.9m-1200kc), Tues, Thurs, Fri.			
WDHO (239.9m-1250kc).			
8:30	7:30	6:30	5:30
KFDY (299.8m-1000kc), Wed, Thurs.			

Women's Clubs

Eastern	Central	Mountain	Pacific
11 a.m.	10	9	8
WHT (399.8m-750kc), Women's club.			
WOI (270m-1110kc), Federated Women's club.			
Wed.			
10:30	9:30	8:30	7:30
WNAE (430.1m-697kc), Women's club.			
2:30 p.m.	1:30	12:30	11:30
WLIT (394.5m-760kc), Tues, Republican Women.			
3			
WCCO (416.4m-720kc), Republican club.			
3:45	2:45	1:45	12:45
WBAL (245.8m-1230kc), Mon, current events: Tues, economics; Thurs, arts; Fri, books.			
4			
WGN (302.8m-990kc), Woman's club.			
4:05	3:05	2:05	1:05
WCCO (416.4m-720kc), Minn. Minnesota Federation of Women's clubs.			
5			
WMAQ (447.5m-670kc), Illinois Federation of Women's clubs, Thurs.			
6			
KNN (336.9m-890kc), L. A. Dist. Federation Women's clubs, Fri.			

Fashions and Sewing

Eastern	Central	Mountain	Pacific
12:15 p.m.	11:15	10:15	9:15
KMOX (280.2m-1070kc), Fashion talk, Tues.			
12:30	11:30	10:30	9:30
WQJ (447.5m-670kc), Style talk.			
1:35	12:35	11:35	10:35
KPO (428.3m-700kc), Fashion critic, Fri.			
12			
WGBS (315.6m-950kc), Excella dressmaking lessons.			

Health and Beauty

Eastern	Central	Mountain	Pacific
10:45 a.m.	9:45	8:45	7:45
WTAM (389.4m-770kc), Tues.			
11			
WGN (302.8m-990kc), Good health and training.			
WQJ (447.5m-670kc), Health talks.			
12:45 p.m.	11:45	10:45	9:45
WOR (405.2m-740kc), Beauty, Lillian Buhl, Tues.			
1:15	12:15	11:15	10:15
KMTR (370.2m-810kc), Diet question box, Thurs.			
11:30	12:30	11:30	10:30
KFOR (232.4m-1250kc), Physiology of beauty.			
5			
WOS (440.9m-680kc), Health talks, Tues.			
7:15	6:15	5:15	4:15
WKAR (285.5m-1050kc), Diet essentials.			
8:30	7:30	6:30	5:30
WEAO (293.9m-1020kc).			
10:40	9:40	8:40	7:40
KHJ (405.2m-740kc), Dr. Phillip M. Lovell, Thurs.			
10:45	9:45	8:45	7:45
KNN (336.9m-890kc), Dr. Robert T. Williams, Tues.			

Child Care; Training

Eastern	Central	Mountain	Pacific
10:55 a.m.	9:55	8:55	7:55
KSAC (340.7m-890kc), Child care, Fri.			
11			
WOI (270.1m-1110kc), "Some New Methods of Child Training," Dr. Lovissa Wagoner, Fri.			
7 p.m.			
6:30	5:30	4:30	3:30
KNN (336.9m-890kc), Dr. Wayne B. Burr, Wed.			

Interior Decorating

Eastern	Central	Mountain	Pacific
2:20 p.m.	1:20	12:20	11:20
WJZ (454.2m-660kc), Interior decoration talks, Tues.			
2:45	1:45	12:45	11:45
WOR (405.2m-740kc), Interior decoration.			
7:15	6:15	5:15	4:15
WKAR (285.5m-1050kc), Wed, house furnishing.			

TORCH of YOUTH

WHEREIN the LITTLE CORPORAL Reveals Her Thought on What Modern Youth Thinks of Love and Matrimony

By GRISWOLD BAER

WHAT had awakened her? Into the dim realm of her sleep had come a voice. It seemed to threaten her. And yet she was not sufficiently conscious to be absolutely sure that she had not been dreaming. She thought of the window, the little dormer window in the English gable. No, it had not been there. The door? No, impossible—it had been a male voice and no men ever were allowed above the first floor of Arbor Hall, where over a hundred of the women of Ivanhoe University lived.

Thoughts began to stream through her mind. By this time she imagined she had been awake for a quarter of an hour. It had not been three minutes. In the hazy light she gazed about at the familiar objects; the blue and cream tints of the walls and the woodwork, the general effect of the colors carried through to the furniture and even the articles of toilet.

Suddenly she experienced a feeling of excitement. The interview! The morning Herald-Star! What she had said to the reporter the day before, and the memories of which had kept her awake for half the night.

"Extra! Mul-abu-lajeh-jeh!" The newsboys were shouting. She couldn't make out what they were calling. With the lithe agility of a sleek cat she sprang from the covers and listened at the window. Yes, that was the voice.

"Come, Lazy Bones, listen—get what they are saying," she called to Stella Gwynne, her roommate, who slept in the twin bed. And Stella, luxuriating in a lazy yawn, scampered across the cold floor.

IT was useless to try and interpret the jargon of the hoarse voiced newsboys—they could hear several of them. But in a moment they were able to see Babe Garden, the football hero and former high school friend of Wanda, Little Corporal of the Pinks, shoulder through a mob of students at the Quad fountain and lift Puck Newton from an extemporaneous platform where he had been reading extracts from the newspaper he had in his hand and making aside comments in between.

"Go along, mind your own business and do your funny stuff for your kindergarten juniors" they heard Babe admonishingly over the hubbub of the group. And Puck vanished.

"You can always count on Babe—almost always," smiled Wanda as she came from the shower and hurried into her clothing. "I say almost because he is not quite the same since he began to relax from the rigors of his football training. Too much demon rum, I suppose. He is absorbing overmuch of the personality of Old Mystery Man, Karl Boescher. If he were not

so cynical Karl might qualify for the Pinks—if we only allowed men—because he has a lot of Bolshi ideas. I'd like to know what the hold is that he seems to have over Babe—it's not healthy."

time to read it before class—let's hurry."
"I have a premonition that before sundown our Little Corp will find herself in a heart-to-heart with Miss Matthews."

"THE dean doesn't worry me so much as old Alexander the Great. Christmas, gee, I know he'll be just rarin' and what'll I say, what'll I do—I'm so sorry, dear? No, Sister Gwynne, I'm not sorry. It may mean history because I'm going to back up every word of that interview—and oh, boy, I said buckets full. Do we believe in the complete emancipation, Lady Pink? We do. Do we believe in absolute equal standards for men and women? We do. Are not women the victims of what men think a whole lot more than what women think? They are. May not a woman say anything that a man can say? She may. May she not do anything a man can do without sacrificing any of her prestige? Answer me."

"Rah! Rah! Rah!" Stella waved a batik scarf around her head.

that had brought President Alexander Blake from his home to his office almost at daybreak because of that very interview. Came the dawn, came an insistent telephone call. He answered in a room chilled by the open windows. It had been a summons from a reporter for one of the afternoon newspapers.

"What did Mr. Blake think of the opinions expressed by Miss Nevens in the Herald-Star interview? Was that part of the teaching at Ivanhoe? Where was Miss Mathilde Matthews, the dean of women? What did she think about it? Who were the Lady Pinks?"

And the more questions he heard the more bewildered and shocked he became. He tried to get Miss Matthews on the phone. She had not been home for the whole evening and it was not known where she had gone. The telephone continued to ring, so Mr. Blake dressed and hurried to his office on the campus. He instructed the Ivanhoe exchange operator not to call him there unless she could get hold of Miss Matthews. He wanted to see Miss Matthews before anyone else. And then he read through the first editions that had been brought to the campus. Oh, he was horrified, disgraced and shocked beyond measure—and he repeated this impression of his feelings to himself many times as he walked back and forth across his office and around the big flat top desk in the center of the room.

AT 8 o'clock no word had yet been received from Miss Matthews, but the girl at the switchboard called to tell him that she had found out Miss Matthews had gone to Chicago to attend the opera the night before and probably had remained with friends overnight.

Gone to the opera—out all night! No wonder the girls at Ivanhoe were running wild. Day after day the newspapers had blazoned forth one scandalous story after another. Truly exasperating! This, certainly, must be the last straw. Definite and vigorous disciplinary measures would have to be undertaken at once in the department of women. Perhaps Miss Matthews was not the right woman for the place. How could the dean of such a great university afford to absent herself from the campus in such a crisis? Was she not the temporary mother for these half-thousand young women? Eternal vigilance was to be expected of one with such responsibilities.

Her first duty would be to stop this hideous story instantly. Oblivious to all this furor, Miss Matthews had slipped her beaver skin coat over her rather mannish shoulders and kissed her old chum, Leonore Vandyke, goodbye and started for an Illinois Central train which would whisk her away quickly to Ivanhoe and her duties. As she boarded the train she thought of Leonore, who had married well-to-do and had a comfortable home near the Midway. Leonore was taking post-graduate work at Chicago, where students were older and more sedate.

It should be stated without further ado that Mr. Blake was in error as to Miss Matthews' dereliction of duty. Only once a year, except for the summer quarter, did she permit herself to be absent from Ivanhoe for a single night. Once each year she went to Chicago to attend one opera and to spend the night with Leonore, who had been her classmate and most intimate companion at Wellesley. And as Mathilde rolled along the lake shore and through the more sordid factory district her thoughts were on the days of old and occasional musings of scenes from "The Mikado," which had entertained her the night before.

(Continued on page 26)



Wanda . . . stood in the door . . . like a black panther, ready to purr or fight.

"I know of no person better qualified to solve the mystery than Miss Wanda Winewether Nevens, herself," answered Stella.

"You may be right, darling, but I fail to see how that explains your taking my last pair blue silks when you have a whole boxfull of your own that you haven't even opened. Oh, I'm crazy to see that interview! Let's get down in

"Oh, we like to think about it in a funny way sometimes," Wanda continued, "but I know we all have real serious convictions on the subject underneath—and this interview may have more serious results than we can imagine right now. Come on, are you ready?"

While these two were descending the narrow, marble staircase they did not in the least comprehend the terrific agitation

Through this man's invention the Musicone revolutionizes the loud speaker field

Powel Crosley, Jr.



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16 inch size ... \$14.75

C. A. PETERSON, only 24 years old, is responsible for the amazing tone, the surprising volume and the startling fidelity of reproduction of the Crosley Musicone.

Nearly three years ago a shy and reticent young man walked into the office of Powel Crosley, Jr., with an idea for a radio loud speaker under his arm. When he unwrapped the newspaper around it, Mr. Crosley instantly saw its great possibilities.

Mr. Crosley offered him the equipment of his laboratories, the assistance of his engineers and the resources of his company.

In a short time Peterson produced a marvelous actuating mechanism so designed as to vibrate freely without choking regardless of the heavy electrical impulses applied to it. It revolutionized the loud speaker field.

Within a few weeks after its announcement the Musicone captured the loud speaker market and has dominated it ever since. Horns with their ugly appearance and their harshness of reproduction which so discredited radio in early days were promptly obsolete.

The Musicone has been imitated in appearance but the patented actuating unit has never been equalled. Incidentally, Mr. Peterson's royalties on this instrument have been over \$90,000.

Attached to a good radio the Musicone delivers pure, true tones, without distortion regardless of how suddenly the crashes of orchestra or high shrill notes come through it.

As an ornament its rich bronze frame and the quiet tones of its ornamental cone are an addition to the decorations of any room. Made in two sizes and at two prices without any difference in quality.

The 12-inch Ultra Musicone for small rooms, apartments, etc. \$ 9.75

The 16-inch size Super Musicone for large rooms or porch use. \$14.75

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Often attempted
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*with only a
switch to snap*



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- No more batteries or battery charger to water.
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- No batteries to renew.
- No apologies to make to callers because "the batteries must be getting low."
- No upsetting the house to have the radio serviced.
- NO MORE annoyances from the vital power supply end of the radio. A snap of the switch is the only demand your radio makes upon you from NOW ON.

The CROSLEY RADIO CORPORATION
Powel Crosley, Jr., Pres. Cincinnati, O.

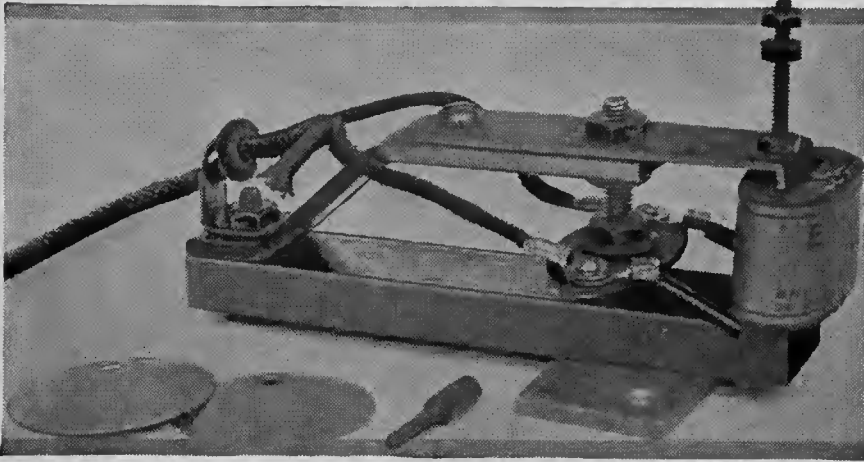
Radiophone Broadcasting Stations

Listed by Wave Lengths—March 15, 1927

Wave length	Frequency (kilocycles)	Power (watts)	Call signal	Location	Wave length	Frequency (kilocycles)	Power (watts)	Call signal	Location	Wave length	Frequency (kilocycles)	Power (watts)	Call signal	Location	Wave length	Frequency (kilocycles)	Power (watts)	Call signal	Location					
UNITED STATES STATIONS BY WAVE LENGTHS																								
200	1,499	10	KWBS	Portland, Ore.	235	1,276	50	KGCN	Concordia, Kas.	254.1	1,190	10	WOMT	M'ail'c, Wis.	280	1,071	250	WKBJ	St. Pabg., Fla.	354.4	780	20,000	KJR	Seattle, Wash.
202	1,484	500	WMPG	Lapeer, Mich.	236.1	1,270	500	WAAT	Jersey City, N.J.	254.3	1,170	100	WREG	Wb'n. Tenn.	280.2	1,070	100	WMBH	Chicago, Ill.	354.4	780	20,000	KLZ	Denver, Colo.
202.6	1,480	500	KFCB	B. Br' Lk. Cal.	236.1	1,270	500	WRAH	Provr. R. I.	254.3	1,170	100	WRAF	Fall R., Mass.	280.2	1,070	1,500	KFAU	Boise, Idaho.	354.4	780	20,000	WAAW	Omba, Neb.
		25	KCOJ	Crosca, La.	236.1	1,270	500	KFOX	Shrv'port, La.	254.3	1,170	100	WTAQ	E. C're, Wis.	280.2	1,070	5,000	KMOX	St. Louis, Mo.	354.4	780	20,000	WBET	Boston, Mass.
		10	WEHS	Chicago, Ill.	236.1	1,270	500	KFLU	San B'n'to, Tx.	254.3	1,170	100	WVNC	A'b'va, N.C.	280.2	1,070	5,000	KGCA	Decorah, Ia.	354.4	780	20,000	WGBU	Fulford, Fla.
		10	WIBS	Elizabeth, N. J.	236.1	1,270	500	KGEH	Eugene, Ore.	254.3	1,170	100	KFUX	Oakland, Calif.	280.2	1,070	500	KMOX	St. Louis, Mo.	354.4	780	20,000	WGBW	Mill'kee, W.
		10	WABB	Harris'g, Pa.	236.1	1,270	500	KWAC	Ks. City, Mo.	254.3	1,170	100	KCEX	M'asca, Ia.	280.2	1,070	100	WFSN	Boston, Mass.	354.4	780	20,000	WLWL	N. Y., N. Y.
		10	KFXD	Logan, Utah	236.1	1,270	500	WBOQ	Ric. Hill, N.Y.	254.3	1,170	100	WVOW	W'ark, N.Y.	280.2	1,070	1,000	WVOW	W'ark, N.Y.	354.4	780	20,000	WMBF	Miami B. Fla.
		10	KCFE	Alva, Okla.	236.1	1,270	500	WFBJ	Collegv., Minn.	254.3	1,170	100	WVTR	M't'd Pk., N.J.	280.2	1,070	15	WVTR	M't'd Pk., N.J.	354.4	780	20,000	KMIC	Inew'd, Calif.
		10	WBNF	Endicott, N.Y.	236.1	1,270	500	WGBF	Ev'sville, Ind.	254.3	1,170	100	WVOD	Ch'ta, Tenn.	280.2	1,070	100	KSMR	S. Maria, Cal.	354.4	780	20,000	WEAR	Cleveland, O.
		250	WPDQ	Buffalo, N. Y.	236.1	1,270	500	WVWB	Madison, Wis.	254.3	1,170	100	WVOD	Ch'ta, Tenn.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WTAM	Cleveland, O.
204.5	1,470	500	KGTT	San F'cco, Cal.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WODA	Pat'r's, N. J.
205.4	1,460	500	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WBRB	Br'klyn, N. Y.
		50	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	KHO	Spokane, Wash.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WFLI	Philadelp., Pa.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WEAR	Cleveland, O.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WTAM	Cleveland, O.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WODA	Pat'r's, N. J.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WBRB	Br'klyn, N. Y.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	KHO	Spokane, Wash.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WFLI	Philadelp., Pa.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WEAR	Cleveland, O.
		250	WABW	Woolster, O.	238	1,280	500	WVWB	Madison, Wis.	254.3	1,170	100	WVWB	Madison, Wis.	280.2	1,070	100	WVWB	Madison, Wis.	354.4	780	20,000	WTAM	Cleveland, O.
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New Unit for Home Made Cone

HERE IS SIMPLE ARRANGEMENT for Making Yard Wide Loud Speaker for Improved Reproduction to Include All Tones



By CLYDE J. FITCH

Actual photograph of the Ensco unit for super-loud speaker.

IT SEEMS almost a crime for a person with a good receiving set to sit down and apparently enjoy a beautiful Radio concert and have the musical tones transmitted choked back by an inefficient loud speaker.

Even a scientific test is not necessary to demonstrate this fact. The average person without any musical ability can instantly recognize the superiority of a large cone speaker—one that responds over the full musical range.

And with the better broadcasting stations transmitting musical tones with frequencies as low as 50 cycles, it behooves us all to employ loud speakers that faithfully respond to these low tones and thereby eliminate this enormous waste.

Unit Most Important

But a large cone in itself is not sufficient for high quality reproduction; the writer has heard many a three-foot cone driven by an inferior type of unit that failed entirely to transmit the lower musical tones, such as the zoom of the bass viol, the kettle drums, etc. Unless the vibrations are present in the unit, the sound cannot be amplified by the large cone.

LIST OF PARTS

- 1 Kit, consisting of Alhambra cones, unit, extensions and metal cones, Engineers Service Co., New York City \$10.00
- 2 Pieces of wood for cross sticks, each 3/8" x 1 1/2" x 3/8" inch.
- 1 Wooden block for spacer 5x3x2 inches at your local lumber dealer or from Engineers Service Co.

There are two reasons why the lower frequency vibrations may not be present in the unit. One is due to the use of a poor unit, and the other to a poor receiving set. We can eliminate the latter reason by employing a good set, a set using resistance coupled audio amplification or transformer coupled audio amplification with modern audio transformers.

Of course impedance coupled amplification is also satisfactory, provided good choke coils are used. As a rule, the average receiving set gives a good quality output, and when connected to a large cone speaker driven by the proper unit, unusually good results may be expected.

Contrary to the general opinion, power amplification is not required to "force" the low tones through. They come through with perfect ease and fidelity, and do not in any way interfere with or submerge the notes of the upper register.

There are many types of loud speaker units. Nearly all of them comprise some form of permanent magnet, electromagnet, and vibrating diaphragm or armature.

Unit Simply Constructed

In design, the unit, which is shown in Fig. 1 and at top of page, is perhaps the simplest on the market. Only the bare necessities of a loud speaker driving unit are employed, and these were made of the best quality. And it was found that by eliminating all unnecessary parts, and making the unit as simple and rugged as possible, unusual tone quality resulted. For example, the vibrating armature was made of the proper size and shape so that the drive pin connecting it to the cone apex could be attached directly over the coil at the free end. By so doing, reducing

levers were unnecessary. The air gap between the pole tips is located at the center of the coil, where all the variable magnetic flux from the coil is concentrated, thus giving increased efficiency. The coil in this case is a solenoid.

Another point of interest lies in the permanent magnet. Instead of the usual chrome steel horseshoe magnet, a straight bar tungsten steel magnet is employed.

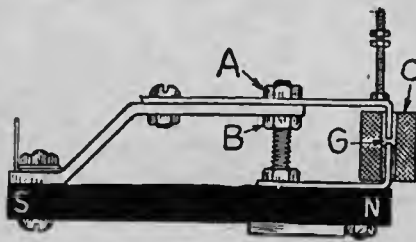


Fig. 1

In Fig. 1 the two nuts A and B are used to adjust the length of the air gap, G, of the unit. Dimensions for cutting cones are indicated in Fig. 2. Frame and mounting are in Fig. 3. Completed cone in Fig. 4.

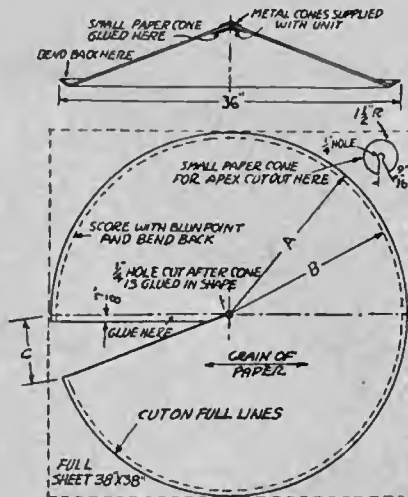


Fig. 2

The use of tungsten steel in the shape of a straight bar gives everlasting permanence both as regards magnetic strength and mechanical stability. No horseshoe magnet, or any type of bent steel magnet, will retain its physical shape indefinitely. They have a tendency to straighten out with age. Such magnets should be aged several months after bending before placing in operation.

No Output Transformer

The coil of this unit is worthy of comment, in that it is designed for direct operation on the set without the use of an output transformer or choke coil and condenser combination. It may be so connected when used with a 201-A, 112, or 171 output tube with plate voltages up to 200 volts. On higher plate voltages, such as are used with the 210 power tube, it is safer to employ an output transformer between the set and the speaker.

The two nuts, A and B, are used to adjust the length of the air gap G of the unit. While all units are factory ad-

justed for operation on sets employing B battery voltages from 90 to 135, a slight change in the adjustment may be found necessary when using the instrument on a 171 or 210 power tube with 180 or more volts of B battery.

A unit of this type is obviously polarized, and the marked lead of the cord should be connected to the plus B battery side of the circuit. If the proper connection is not known, simply connect it one way and then the other, and leave it in the connection that gives greatest volume.

Use Piano Sound Board

This little unit with its simple and rugged construction will be found very interesting to the Radio experimenter. For example, it can be connected to the Radio set and held against a table, window pane, or other large flat surface and the reproduction will be loud and clear. It works exceptionally well when held against the sound board of a piano.

A simple wooden arm can be clamped to one of the rear members of the piano for supporting the unit, and it will be found that the piano makes an admirable loud speaker. Best reproduction, however, will be obtained with the unit attached to the apex of a large cone.

Cones ranging in diameters from 24 to 36 inches seem to give best results, with the larger sizes to be favored. And the tone depends not only on the size of the cone but also on the method of mounting the unit. With the unit mounted on a solid wooden block weighing from three to five pounds or more, the lower tones come through with greater clearness and volume. A 24-inch cone with the unit mounted on a heavy block sounds as well

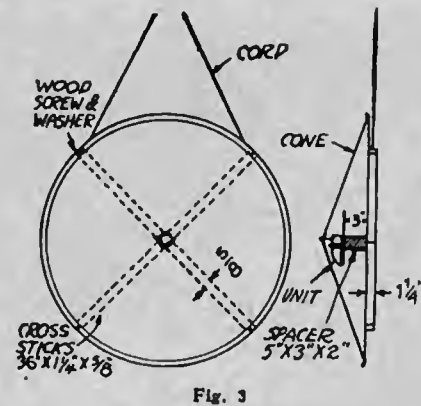


Fig. 3

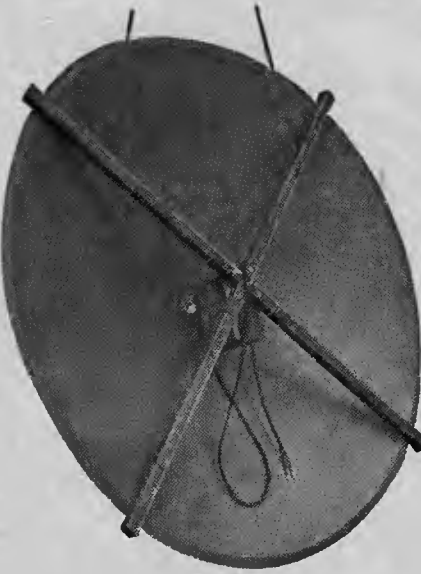


Fig. 4

as a 36-inch cone without the heavy block on the back of the unit.

This is an important factor and should not be overlooked to obtain the maximum of reproducing efficiency. Glued or laminated wood should be avoided because the constant tonal vibrations are apt to cause sectional pieces to set up a counter-vibration in a short time.

Ask the Lady

Dimensions for cutting 24-inch, 30-inch, 33-inch and 36-inch cones are given in Fig. 2. Before building the speaker it is first best to decide which size to use, which depends largely upon the space available and the artistic desires of the

MOTION PICTURES IN COLOR RADIO'S NEXT

BAIRD, SCOTCH INVENTOR, WORKS TOWARD GOAL

His Black and White Radio Movies Now Look Like Photoplay of Twenty Years Ago

LONDON.—Colored motion pictures by Radio may soon be realized if the latest experiments of D. L. Baird, the young Scottish inventor of instantaneous television, come to fruition.

Highly promising results have already been obtained in the transmission and reception of the colored movies, but so far the apparatus has been kept secret and the inventor has refused to give a demonstration.

With regard to his work in connection with ordinary television, Mr. Baird is making unremitting efforts at 2TV, the world's first television Radio station, to bring it up to the standard of the modern motion picture. At present his results are comparable with the movies of two decades ago, but he has hopes of making great improvements. He has been aiming at using the carrier wave of a single broadcasting station to broadcast not only the sounds made before the microphone, but also a living picture of what is actually in progress. In other words, listeners will become "lookers" at the same time.

A part of his apparatus corresponding to a loud speaker in a Radio set Mr. Baird has labelled the "clear looker."

lady of the household. For quality of reproduction the larger the cone the better, and if a large cone is too unsightly for wall mounting it may be placed under the radio table or in a console cabinet with silk draperies across the front.

For wall mounting the simple frame comprising two cross sticks and a wooden block, shown in Fig. 3, is preferable. This frame is easily constructed and gives an almost totally open back to the speaker, which is highly desirable. An enclosed back tends to muffle the sound. For this reason the speaker should hang so as to be spaced a few inches from the wall, or suspended in a corner of the room. In making the wooden frame the length of the cross sticks should correspond with the diameter of the cone used. The sticks are mortised at the center and screwed to the block with four flat head steel wood screws about 1 1/2 inches long.

Start Face Down

In marking off the cone, it is best to place the sheet of Alhambra cone material face down on the floor or large table and fasten it with tacks at the four corners. The center of the sheet is then located and a pin driven through it into the floor or table. For the radius a stick of wood with a hole at each end is preferable. The holes should be spaced the distance indicated in Fig. 2.

The stick is now used as a radius with which to scribe the circle, a pencil point being placed through the hole in the stick for marking. The second circle is made in the same manner, using a blunt metal point instead of a pencil. The cone is bent back along this line, forming a flange which stiffens the cone and also provides a means for attaching the cone to the frame. Ordinary glue is used for gluing the cone.

After the segment is cut out as shown in Fig. 2, the cone is drawn together and glued with the flap on the inside. The small cone shown on the upper right of Fig. 2 is then glued to the inner apex. This gives the cone the necessary rigidity.

In assembling the speaker, the unit is first mounted on the frame, with the drive rod of the unit located directly over the center of the cross sticks. The extension pin, furnished with the unit, is then screwed on the drive rod. The cone is now set in place and clamped to the drive rod with the two metal washers or apices furnished with the unit. It is then attached to the frame in four places with small wood screws. Washers are placed under the heads of these screws. The speaker is now ready for use and may be connected to the set. Unless a power tube is used in the last stage, a readjustment of the unit will not be necessary.

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What Will Commission Do?

THE long heralded Radio law is an actuality, thanks to Senator Dill of Washington and Congressman White of Maine. The end of the present chaos of interference is in sight.

Although the new law is a compromise measure and is far from being an ideal piece of legislation, yet it offers some relief to the congestion of the air which Radio broadcasting has been heir to for the past two years. It provides for a Federal Radio Commission of five members which the President has already appointed.

The new commission consists of a former rear admiral, an editor of a Radio trade magazine, a state chief justice, a broadcasting station director and a federal Radio inspector. The personnel offers a variety of experience and talent in the new body. It is well for the problems ahead.

There are at present eight broadcasting stations for each wave length—all scrambled together now in one great howling chaos. What will the new Radio commission do with this situation?

Will it refuse to re-license some existing stations? If so, what will be the acid test for those stations that stay on the air—priority, public convenience, interests or necessity?

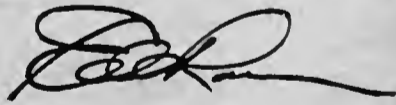
Will it license all the present plants and eliminate interference by the proper and equitable assignment of wave lengths and the division of hours?

Will it put the members of chains on a limited number of non-interfering, geographically selected wave lengths?

Although the chairman is now manager of the Chinese section of the Radio Corporation of America, will it protect the interests of the independent broadcasting stations against the apparent favoritism of the past shown the Big Four in the allocation and use of wave lengths?

In all will the newly created Federal Radio Commission be a free, independent body or a rubber stamp for the Department of Commerce and the predatory interests?

All these questions and many more about the new commission will soon be answered. Whatever the answers, Radio Digest feels certain the new law with the new commission will be of benefit to broadcasting.



Remember Your Announcer

WHILE thousands of loyal friends are doing everything in their power to hold their favorite stations on the air, others are not forgetting that the time has come again to begin plugging for the world's most popular announcer. Radio Digest for a fourth time holds forth the golden cup—the beautiful, solid gold, microphone replica, most coveted prize in the world of Radio. If your favorite announcer has not already been nominated, send in his name and help him win this magnificent token of the esteem of his listening friends. It will be a keepsake he will treasure for life. There are three great prizes—the gold and silver American cups and the silver Canadian cup.

Year-Round Radio

REMEMBER way back when they used to park the horseless huggy in dead storage for winter? And now we need a car to drive around in winter even more than we do in summer. It's the same way with Radio, with seasons reversed. In the early days before apparatus had been brought to its present perfection it was considered almost useless to bother with Radio when the warm weather set in. But under modern conditions Radio is just as much of a necessity in one month as it is in another. It is even more useful to the farmer during the growing time. Have you noticed how programs have improved this year? Is Radio giving us a keener appreciation of art in music? Write your own answer.

RADIO INDI-GEST

Home

A cozy fire, a comfy chair—
Pussy cat beneath the stair,

An open door and kindly cheer,
Welcome from the winter's drear.

Sunshine gilds a dying day,
Sprinkling starlight on the way.

An open hearth, glowing fire,
Sleepy heads will soon retire.

But not for me for quite a while
I'll sit up and spin the dial.

Let north winds howl, screech and blow,
I'll tune in old KGO.

Rhea Sheldon, K. C., Mo.

NOT GUILTY

The "George" who writes Marcella for assistance in starting a correspondence with one of her short wave ladies is not the "George" of Indi-Gest, Boxcar and Holey Sox fame. This "George" has been too busy to get mixed up with the Fan-atics who send Marcella Mussy Missives for Meandering Minds. I should be writing such gush—not while there's axle grease for my perambulating refectory.

I'm safely across the Louisiana border in Texas now, six miles from Dayton in the pine woods. Talk about your limbs and things I see nothing else but in these parts. I'm getting curvature of the eyes trying to see through the trunks and around them.

GEORGE

NuRsERie rImEs No. 5

(Or MaBle IT IS No. 6 or 7)

Ole ThErD troMbocNeR Kom bLo yuR HorNe/?.,
tHe SpeDe Kops GoTT oUR FlIvVer @, the sHereFs
goTT ouR "corn"

O wHeAR iss tHee boY thUT watchEs tHEE 'stILL,
hee iS biLdIng a RaDiO doWn aT tHeE mill.

Old King Tut.
Hiz-Self.

Arise, Ye Patriots!

DEAR INDI: What impressed me most concerning President Coolidge's speech broadcast February 22 was the thought of the amazing spectacle of twenty-five million Radio fans leaping to their feet when the U. S. Marine Band played the "Star Spangled Banner."
P. A. C., N. D.

Well, Whattaya Gotta Say About It?

Heck! It's all off about Senator Scratchbone grinding out another Radio Bill. He won't compose one without using the word "evolution" and Walter Strong, chairman of a citizens' Radio committee, says certain members of the Senate have gone on record that they will fight to the bitter end any legislation that includes the word "evolution."—INDI.

FAMOUS QUOTATIONS

A man may dial and dial and dial—and be a villain still.

Our Own Q & A

What made the March Hare mad?

A pair of steel riveted, carborundum lined Chinese Boxer gloves will be awarded to the Indi-scribe who gives the correct answer.

DEAR INDI: While there are so many things discussed under the heading of Indi-Gest, we would like to see some mention of the broadcasting birds who pocket the dimes for EKKO stamps and don't send the stamps. The NuRsERie RImE oN heNeRY, the second January issue, gave us a kick. S'more, please.

J. P. GARRISON, N. D.

The Instincts of a Surgeon

"Dad," said the tactful youth, "I want to be a Radio expert when I grow up."

"Why a Radio expert, son?" asked the busy father.

"So I can put back together your new Radio agnin."

—American Legion Monthly

When the Worm Turned

After dining and wining the gay, fur-coated reverners, Texas Guinan was surprised when they turned around and pinched the place. But it was worth the money because it gave her a chance to get this one off:

"Sir," asked she, smiling, as the gent in the coonskin coat clicked the bracelets over her dainty wrists, "will you be kind enough to give me a definition of a caterpillar?"

"Ha-ha," he ha-hahaed—twisting his gnawed-off mustache, "a caterpillar? Ha! Ha! Ha!—No, what is a caterpillar?"

"Sir," answered Texas, icily, "a caterpillar is a worm in a coonskin coat."
Soon afterward Texas began her bread and water diet.

A SIX-FOOT AERIAL

Sometimes Old King Tut includes an interesting letter with his contributions to this compendium of wisdom. Here is one for Tinkertube: "We have had some wonderful reception here lately (Okla.) and the old set has been perking like a million dollars. With six feet of wire hung up on the side of the wall for an aerial I have been bringing them in from Boston to Los Angeles and from Clearwater, Fla., to Portland Ore., and with enough volume to be heard quite plainly a block from the house."
INDI

"Please Save These Ten"



Condensed

BY DIELECTRIC

There has been a wonderful change—improvement—in the already long list of artists recording for the Victor Talking Machine company, and had it not been for the advantages of Radio broadcasting many would yet be in ignorance of this notable event. A recent Victor concert (in a series) presented to Radio listeners none other than Mary Garden—"Our Mary." We congratulate the company upon securing this unique artist and feel deeply grateful for her Radio appearance. When Mary is the subject for discussion, superlatives seem inadequate. What if she had suffered an attack of bronchitis (if that was the malady), except for a trace of hoarseness here and there she sounded thoroughly herself. Critics agree and disagree that she can sing. Not being of that select class, I aver with vehemence; Mary Garden sings with an expressiveness which knows no counterpart on the operatic stage today. Her opening number meant much more to those familiar with "Louise" as she interprets it, and yet, how few in the audience could remain unaffected by the singing of "Depuis le jour," though ignorant of the words of love it spoke. It is a pity other of her operatic arias in French were not included. Mr. De Gogorza is an artist always to be counted upon for excellent phrasing and diction above criticism. While his tones may lack sensuous beauty, there is ease of emission and a breath control nothing short of remarkable. Whether in his native tongue (Spanish) or English he gives genuine enjoyment and leaves a desire to hear more.

We have had all-Beethoven programs and other composers represented exclusively in an evening's concert by our symphony orchestras, but seldom is the composer present and taking part in the performance as in a recent broadcast of the Boston symphony orchestra. Ottorino Respighi, Italian composer and conductor, directed his own suite in dance form which was charming throughout, played the piano part in his sonata and directed the orchestral accompaniment to his wife's singing of another Respighi selection. This is a sane modernist whose music combines the fundamentals of classical music with the more ingratiating aspects of the newer music; there is the introduction of modern orchestration without its grotesquery. Don't forget there is the Cincinnati symphony orchestra and the Chicago symphony to which you may listen and derive enjoyment.

The diversified programs of a theatrical studio broadcast may supply the whole of your wants in the matter of entertainment. There are a number of these arranged in cities over the country. One such program with much to commend it was broadcast by Station WHO, Des Moines, Iowa, from the Capitol theatre in that city. It included selections from the best of our song writers and among these Amy Finden's "Till I Wake," sung by a former soprano of the St. Louis opera company—very beautifully too, organ numbers and songs chosen from the latest "hits."

Station WOC, Davenport, Iowa, has offered many organ recitals to which one could listen with real pleasure and for some time, but the recital I have in mind just now left no pleasurable impression. The reason for this is not hard to find and lay entirely within the power of the organist to prevent. No matter what the composition, if it is played throughout with no change of stop the ear quickly tires and the listener loses interest. Not only was a whole number so played but number upon number until I felt any stop but the one in use (tremulant) would be a welcome relief. Perhaps I was tired then.

AN EVENING AT HOME WITH THE LISTENER IN CENTRAL TIME

Table with columns: Call, Location, Met., Kc., Saturday, Sunday, Monday, Tuesday, Wed., Thursday, Friday. Lists radio stations and their frequencies across various cities.

STATIONS IN ORDER OF WAVE LENGTHS

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

Station Changes

New stations licensed by the Department of Commerce last month before the Radio Bill was signed include: WFIW, Hopkinsville, Ky., 356.9m-840kc., 1000 watts; WNBK, LeRoy, N. Y., 354m-847kc., 250 watts; KGFm, Yuba City, Calif., 450m-666.3kc., 15 watts; KGFK, Hallock, Minn., 225m-1333kc., 100 watts; WNBK, Knoxville, Tenn., 335m-835kc., 15 watts; WNBK, Peru, Ill., 357m-839.8kc., 10 watts; KWBS, Portland, Ore., 200m-1499kc., 10 watts; WNBK, 495m-605.7kc., 15 watts; KLIT, Portland, Ore., 380m-789kc., 10 watts; KGFL, Trinidad, Colo., 222m-1351kc., 50 watts; WALK, Bethayres, Pa., portable, 285m-1052kc., 50 watts; KELW, Burbank, Calif., 535m-560.4kc., 250 watts.

ALL AMERICA VOTES

(Continued from page 3)

mately 150. If we could ballot on stations to be eliminated, would like to name about 300. We always appreciate your stand on broadcasting.

Benjamin Studer, Beloit, Kans. Would be glad to get more ballots for my neighbors. We prefer the middle western stations.

Station KGDA, Dell Rapids, S. D. We have received 106 telegrams and hundreds of letters voting for us. We want to keep this little station on the air if possible. We were the first to put on regular programs in South Dakota.

Suggests Two Plans Harold R. Herron, 1216 N. Main St., Pontiac, Ill. I would suggest that the commission begin by weeding out the less than 500-watt stations, then divide the time on the other wave-lengths so that the various stations on the same wave have from one-half to one hour each.

R. O. Ward, Winter Park, Fla. Enclosed are my favorite ten. I could do very well if all the others were silent.

D. E. Keenan, Cornell University, Ithaca, N. Y. I should like to supplement the enclosed ballot by saying that of the twenty-odd weekly or fortnightly programs on which we can regularly count for good entertainment, all but three come from WEAf or WJZ. One of the three—the Boston Symphony from WBZ—is often broadcast through WJZ also. That leaves only two recurrent features, both of which are from WGN.

Things That Hurt The following letter was especially called to the editor's attention as this article was being prepared:

F. G. Church, 1002 McKinly ave., Bay City, Mich. Today at 12:30, E. S. T., the President of the United States spoke to the House and Senate; his subject, "Washington." You, of course, know the preparations to broadcast his speech. In this city we have a broadcasting station—WSKC. It has been their custom to broadcast an hour of music, (mostly Victrola) between 12 and 1 o'clock, E. S. T. for a local music company. Today, as usual, they went on the air at their accustomed time. Their attention was immediately called to the fact that the President was speaking. The reply of the announcer was, however, that they had decided to carry through their daily program regardless of the wishes of the local listeners. You may draw your own conclusions.

She Appreciates Vote Miss Emmaline Winter, Mineola, Mo. I like all of these ten and many more. Thanking you for this opportunity to help my favorite stations to stay on the air.

Fred Jeffrey, Martinsburg State Bank, Martinsburg, Neb. I believe that the air should be administered the same as the Saturday Evening Post; charge the advertisers and pay the entertainers, and make it pay.

Wm. Bradley, Elkhart, Ind. The entertainment that is put over the chain stations is good, but why not broadcast this same program all on the same wave from all stations?

(Continued on page 29)

SHE EARNS MILLION (Continued from page 6)

a million dollars worth of business! Just think, from a \$3,000 mortgage in 1921 to \$1,000,000 worth of business in 1926! How's that for Radio romance?

And yet she has not changed from being a woman and a mother.

Profess Old Home "I'm a business woman from necessity, not by choice," she explained to the Radio Digest correspondent. "I would prefer to have my little home back in Humboldt if things could be changed, but they can't and so I must continue with my work."

The little daughter is in high school now and Mrs. Trego is as proud as any mother could be. She sings in the church choir, takes part in the social life, and, of course, is an active member of the business and Professional Woman's Club.

STATION DIRECTORY

(Continued from page 12)

Table with columns: Call, Location, Met., Kc., Saturday, Sunday, Monday, Tuesday, Wed., Thursday, Friday. Lists stations and their frequencies.

MEXICAN STATIONS BY WAVE LENGTHS

Table with columns: Call, Location, Met., Kc., Saturday, Sunday, Monday, Tuesday, Wed., Thursday, Friday. Lists Mexican stations and their frequencies.

CUBAN STATIONS BY WAVE LENGTHS

Table with columns: Call, Location, Met., Kc., Saturday, Sunday, Monday, Tuesday, Wed., Thursday, Friday. Lists Cuban stations and their frequencies.

384.4 780 500 CNY Winnipeg, Man. 500 CNRW Win' Peg, Man. 107.7 730 1,650 CFCE Montreal, Que. 100 CFVC Vancouver, B. C. 100 CFCC Vancouver, B. C. 100 CFYC Burnaby, B. C. 750 CHYM Montreal, Que. 1,000 CKCD Vancouver, B. C. 50 CKFC Vancouver, B. C. 1,500 CNRM Montreal, Que. 1,800 CFAC Calgary, Alta. 750 CHCM Calgary, Alta. 500 CHIC Toronto, Can. 250 CHXC Ottawa, Ont. 100 CKCO Ottawa, Ont. 750 CNRC Calgary, Alta. 500 CNRO Ottawa, Ont. 250 CRR Camagney, Ont. 500 CFCK Edm'ton, Alta. 500 CHCY Edm'ton, Alta. 500 CJCA Edm'ton, Alta. 500 CNRE Edm'ton, Alta.

265 1,130 CVA Mexico City, Mex. 2.0 1,153 CVB Mexico City, Mex. 310 967 CVF Oaxaca, Mex. 305.9 990 CYH Chih'u Cy, Mex. 333 900 CYM Monterrey, Mex. 350 857 CYX Mexico City, Mex. 490 825 CYZ Mexico City, Mex. 480 625 CYL Mexico City, Mex.

200 1,500 20 5AZ Manlanazs 20 5HS Santa Clara 20 6YR Camagney, Ont. 210 1,430 10 2RM Havana 225 1,333 5 2XX Havana, Cuba 10 6DW Santa Clara 10 7AZ Camaguey 15 8FU Santiago 20 8JZ Santiago 20 8KZ Havana 230 1,304 20 2AB Havana 235 1,277 10 2LR Havana 20 7BY Camaguey 240 1,070 20 8AZ Santiago 250 1,200 50 6QLC Havana 10 6CR Santa Clara 10 63Q Santa Clara 100 8BY Santiago 10 8BB Havana 275 1,170 20 2OL Havana 260 1,153 200 6JY Santa Clara 270 1,110 20 2JP Havana 275 1,090 5 3AZ Havana 5 2JL Havana 280 1,070 20 2MC Havana 282 1,060 20 2UF Havana 295 1,016 100 2HP Havana 315 952 100 2BY Havana 320 897 100 2KX Havana 340 888 4,000 6RW Tutuucu 350 657 10 2CG Havana 355 845 500 75R Ella 360 845 100 2EK Havana 360 845 100 2EP Havana 400 750 500 2PW Havana

WSB'S FIFTH BIRTHDAY; ETHER GREEN

HIGH LIGHTS OF THE AIR

ONE OF the most brilliant programs on the air Wednesday night, March 16, will be the concert by the Los Angeles Philharmonic orchestra directed by Walter Henry Rothwell. The concert, which begins at 9 p. m., Pacific time, features as the soloist Erwin Nyiregahazi, pianist.

St. Patrick's Day celebrations will certainly turn the air green this week. On Wednesday, March 16, KOA will celebrate with a three-act musical comedy, "My Wild Irish Rose." Music suggestive of the eerie Celtic temperament, Irish jigs and harp music, will be incidental to the theme.

On March 17, which is really St. Patrick's Day, listeners who have migrated to these shores from the Emerald Isle are invited to lend their ears to WMBB's program. All the Irish colleens on the staff will participate in a journey back to the land of the shamrock. Down in Hot Springs, Ark., KTHS will broadcast the St. Patrick's Day ball being given in the hotel.

Everything seems to be happening on Wednesday, March 16. It is WSB's fifth birthday and you must

hear the Little Colonel celebrate. KFXX, Hastings, is putting on a special American Legion program this same evening as the beginning of a big drive for memberships. It seems Beethoven died some hundred years ago and WLS will celebrate, again on Wednesday, March 16, with a program of Beethoven music. The Ninth symphony will be featured.

Here is the answer to all our readers' questions. Roxy and his Gang are back on the air Monday nights at 7 p. m., Eastern time, tune in for WJZ, WBZ, KDKA, KYW, WRC, WHAS, WSM, or WSB.

Lovers of Shakespeare will have a real treat in store for them Sunday, March 20, when members of the faculty of the University of Nebraska will produce "Romeo and Juliet" at KFAB. A full cast of twenty members will take to the microphone.

That "Whispering Pianist," Art Gillham, slips around the country so much that it is hard to keep track of him. But here is a hint. Tune in for WCOA, March 23 at 7:30 p. m. If you do not hear him then, try again at 11:30.

TUESDAY, MARCH 15

Headliners

Eastern 6:15 p. m.	Central 6:15	Mountain 4:15	Pacific 3:15
WCX (516.9m-580kc) "Skeezix Time."	5:20	4:20	3:20
WLW (422.3m-710kc) Mel Doherty's French lamer orchestra.	7	5	4
WLEAF (491.5m-620kc) Ralph Tag, tenor.	7:10	6:10	5:10
WLW (422.3m-710kc) Ann A. Eva.	7:10	6:10	5:10
KOMX (280.2m-1070kc) Benish college boys' orchestra.	7:15	6:15	5:15
WCCO (416.4m-720kc) Temple Israel.	7:15	6:15	5:15
WGBS (315.6m-950kc) Harold Ven, violinist.	7:35	6:35	5:35
WJZ (454.2m-660kc) Judge Gustav Hartman, Pres. Israel Orphan Asylum.	8	7	6
WBAL (246m-1220kc) Wilton Carman, baritone.	8	7	6
WRNY (374m-802kc) Dreaming of Dreams.	8:10	7:10	6:10
WGHS (315.6m-950kc) Edith Wekes, pianist.	8:30	7:30	6:30
WLAP (475.9m-630kc) New Crazy Hotel orchestra.	8:30	7:30	6:30
WIAS (399.8m-750kc) Carl Zuelzer's Melodists.	8:45	7:45	6:45
WIO (526m-570kc) Raleigh Quintet.	8:45	7:45	6:45
WPG (129.8m-1000kc) Janette Harmony Boys.	8:45	7:45	6:45
WGBF (236.1m-1270kc) Loew's Victory Theatre organ.	9	8	7
KFKX (283.3m-1040kc) Official American Legion program.	9	8	7
KMOX (280.2m-1070kc) Steindel string quartet.	9:10	8:10	7:10
KFOA (279.6m-1060kc) H. D. Tovey, modern piano music.	9:10	8:10	7:10
WBZ (333.1m-900kc) Fisher Shipp concert company.	9:30	8:30	7:30
WCBJ (344.6m-870kc) Mandolin and Guitar club.	9:30	8:30	7:30
WGHS (315.6m-950kc) "Is the Tabloid Press a Public Nuisance?" forum debate.	9:30	8:30	7:30
WHT (365.6m-820kc) Songs of the fireside.	9:30	8:30	7:30
WIO (526m-570kc) Claire Marshall & Jackman; Hal Parsons, accordionist.	9:30	8:30	7:30
WTIC (475.9m-630kc) Travelers Symphonic ensemble.	9:30	8:30	7:30
WMAQ (447.5m-670kc) Woman's symphony orchestra.	9:30	8:30	7:30
WGBS (315.6m-950kc) Cottage hymn sing.	9:30	8:30	7:30
WMBB (250m-1200kc) Trianon ensemble.	9:30	8:30	7:30
CNR (312.3m-950kc) Verne's Revellers.	9:30	8:30	7:30
WCX (516.9m-580kc) The Red Apple Club.	9:30	8:30	7:30
WLAC (125.4m-1330kc) Mrs. K. B. Bennett, dramatic soprano.	9:30	8:30	7:30
WBAP (475.9m-630kc) Bob Sweezy, baritone.	9:30	8:30	7:30
WSM (232.8m-1060kc) Bob Polk, baritone.	9:30	8:30	7:30
KE (467m-642kc) Gattone string quartet; Jas. Hurroachs, tenor; French Classics.	9:30	8:30	7:30
KWWG (277.6m-1060kc) Mrs. Virginia Marshall, organist.	9:30	8:30	7:30
WSM (282.8m-1060kc) The Commodores.	9:30	8:30	7:30
KTAB (302.8m-990kc) KTAB quartet.	9:30	8:30	7:30
KIAM (1305.9m-980kc) Tolom concert orchestra.	9:30	8:30	7:30
KTHS (374.8m-800kc) Leona Jalone, pianist.	9:30	8:30	7:30
CNRV (291.1m-1030kc) Cabaret Belmont orchestra.	9:30	8:30	7:30
KF (467m-642kc) Azure Music club.	9:30	8:30	7:30
KFOJ (232.4m-1290kc) Majestic Ballroom orchestra.	9:30	8:30	7:30

Regular Tuesday Features

Eastern Time Stations	6:15 p. m.	7:15 p. m.	8:15 p. m.	9:15 p. m.
CKAC Montreal, Que. Can. (410.7m-730kc)	7:15 p. m. dinner concert; 8:15, hop; 9:30, bridge; 10:30, dance program.			
KDKA Pittsburgh, Pa. (309.1m-870kc)	6 p. m. Little symphony; 7:45, address, 8; program; 8:15-11, WJZ; 11:35, Grand theater.			
PWX Havana, Cuba (399.8m-750kc)	8:30-12 p. m. program.			
WAAM Newark, N. J. (263m-1140kc)	6 p. m. orchestra; 7, sports; 7:15, program; 10, musical.			
WAUI Columbus, O. (293.9m-1020kc)	10 p. m. song shop.			
WBAL Baltimore, Md. (246m-1220kc)	6:30-7:30 p. m. dinner orchestra; 7:30-8, quartet; 8-9, trio; 9-9:30, jubilee songs; 9:30-10, instrumental music; 10-11, Municipal band of Baltimore; 11-12, dance orchestra.			
WBRR New York, N. Y. (416.4m-720kc)	7:30 p. m. program.			
WBZ Springfield, Mass. (333.1m-900kc)	7:30 p. m. organ; 8-9 WJZ; 10:30, orchestra.			
WCAE Pittsburgh, Pa. (461.3m-850kc)	6 p. m. dinner concert; 7:45, talks; 8, WEAF; 8:30, feature; 9, WEAF; 10, bridge; 10:30-11, orchestras.			
WCAU Philadelphia, Pa. (277.6m-1080kc)	7:30 p. m. Snellenburg instrumental trio; 8:15, Gurnee Butternaker; 8:30, recital; 9, music; 9:30, Robert Fraser, blind gospel singer; 10, feature; 10:30, dance.			
WCSH Portland, Me. (499.7m-600kc)	8 p. m. WEAF; 8:30, Evangeline br.; 9, Service Boys.			

WCX Detroit, Mich. (515.9m-580kc)	6 p. m. dinner program, Goldkette ensemble; 6:15, Skeezix time; 10, Red Apple club.
WBO Winter Park, Fla. (129.9m-1250kc)	8, program.
WEAF New York, N. Y. (491.5m-620kc)	6 p. m. dinner music; 7:10, talk, Columbia University; 7:30, Great Moments in History; 8, The Vikings; WEEL, WFL, WCAE, WWJ, WGR, WTAM, WSAI, WJAR, WTAE, WUC, WCCO, WCSH, KSD, WGY; 8:30, Jolly Bucky Bakers; WTAG, WFL, WTAM, WWJ, WSAI, KSD, WUC, WCCO, WIAS, WSM, WSB, WWC; 9, Fezzyday hour; WEEL, WTAG, WTAR, WGR, WCAE, WTAM, WWJ, WSAI, WGN, WOC, WCCO, KSD, WRC, WGY; 9:30, WEAS, WSB, WSM, WWC; 10, auction bridge instruction; WEAF, WEEL, WCSH, WTAG, WJAR, WGR, WAE, WSAI, WFL, WWJ, WSAI, WGN, WOC, WCCO, KSD, WRC, WGY; 10:30, orchestra; WFL, WWJ, WCAE, WGR, WTAM, WGY, WRC; 11:30, orchestra.
WEAO Columbus, Ohio (293.9m-1020kc)	7:45 p. m. musical.
WEEL Boston, Mass. (348.6m-860kc)	7:30 p. m. (inter-collegiate broadcast); 7:45, musical; 8:30, WEAF; 8:30, musical; 9:10-10, WEAF; 10:30, cruising the air.
WFHH Clearwater, Fla. (355.4m-843.6kc)	7 p. m. dinner music; 7:45, open air band; 9, band, studio musical; 10, orchestra; 12, raffle.
WFI Philadelphia, Pa. (384.5m-760kc)	6:45, Adelpia dance orchestra; 8, WEAF; 8:30, WEAF; 9, WEAF; 10, Moment Musical; 10:30, orchestra.
WGSB New York, N. Y. (315.6m-950kc)	7:30 p. m. Arrowhead Inn concert orchestra; 8:10, music; 8:30, musical; 10:30, Arrowhead Inn dance orchestra.
WGHP Detroit, Mich. (270.1m-1110kc)	6-8 p. m. dinner concert; 8-8:30, campers' hall hour; 8:30-9:30, band; 9:30-10, music.
WGY Schenectady, N. Y. (379.5m-790kc)	7:45 p. m. musical; 8, WEAF; 8:30, French course; 9, WEAF; 10, bridge; 10:30, WEAF.
WHK Cleveland, Ohio (272.6m-1100kc)	6-7:30 p. m. Hotel Staller orchestra; 7:30-8, program; 8, musical; 9-11, orchestra.
WHN New York, N. Y. (381.2m-830kc)	7 p. m. land orchestra; 7:30, music; 8, ensemble; 8:30, entertainers; 9, Prince Pottli; 9:30, orchestra; 11, Margold club; 11:30, Club Alabama.
WICC Bridgeport, Conn. (232.4m-1290kc)	7:15 p. m. program.
WIP Philadelphia, Pa. (508.2m-690kc)	6:10 p. m. dinner music; 7, Uncle Wip; 8, dramatic reviews; 8:10-10:05, evening program; 10:05, Emo's weekly broadcast; 11, orchestra.
WJAX Jacksonville, Fla. (336.9m-880kc)	7-7:30 p. m. dinner music; 8, Jacksonville Little symphony; 9, quartet; 10, orchestra; 11, dance music.
WJR Detroit, Mich. (516.9m-580kc)	7 p. m. Jean Goldkette's Petite symphony orchestra; soloists; 8, dance music; 8:30, Manuel Cigar girls; 9 program.
WJZ New York, N. Y. (454.2m-660kc)	7 p. m. Frank Dale; 7:15, orchestra; 7:45, South of the Mason-Dixon Line, KYW; 8:15, First National Tobacco, WJZ, KDKA, KYW; 9, grand opera program, KDKA, KYW; 10, Don Amalzo, wizard, KDKA, KYW; 10:30-11:30, orchestra.
WLW Cincinnati, Ohio (422.3m-710kc)	7:30 p. m. Castle Farm dance music; Pyr Fyter hour; 9, Fortin orchestra.
WLWL New York, N. Y. (384.4m-780kc)	8:30 p. m. musical.
WMAK Buffalo, N. Y. (285.5m-1130kc)	6:15 p. m. dinner music; 7:30, evening program; 12, organ.
WMBF Miami Beach, Fla. (384.4m-780kc)	7 p. m. dinner concert; 8, popular program; 10, dance music.
WMCB New York, N. Y. (340.7m-880kc)	6:30 p. m. Broadway chat; 7, Joe Friedman's; 11, Hotel Me-Alpin orchestra.
WNYC New York, N. Y. (389.8m-750kc)	7:55 p. m. piano selections; 8:15, program.
WOO Philadelphia, Pa. (508.2m-690kc)	7:30 p. m. dance orchestra.
WOR Newark, N. J. (408.2m-740kc)	6:15 p. m. Bill Watley in sports; 6:30, Hotel Breton Hall string quartet; 7:30, dance orchestra; 10:30, novelty program; 11, dance orchestra.
WPG Atlantic City, N. J. (299.8m-1000kc)	7:10 p. m. organ recital, Arthur Brooks; 8:05, Hotel Chelsea dinner music; 8:30, concert; 9, Dual concert trio; 10, bridge; 10:30, studio program; 11, dance orchestra.
WRC Washington, D. C. (468.6m-640kc)	7 p. m. things talked about; 7:50, Huey Bee; 8, to be announced; 8:30, WEAF; 9, WEAF; 10, WEAF; 10:30-11:30, WEAF.
WSAJ Cincinnati, Ohio (325.9m-820kc)	7 p. m. quartet; 8, WEAF; 8:30-11, WEAF, program; 12, dance music.
WTAC Worcester, Mass. (545.1m-850kc)	8-10:30 p. m. WEAF.
WTAM Cleveland, Ohio (389.4m-770kc)	6 p. m. vaudeville; 8-11, WEAF; 11, Allen theater revue.
WTIC Hartford, Conn. (475.9m-630kc)	6 p. m. Hotel Heuplin trio; 7, evening program; 8:30, orchestra.
WWJ Detroit, Mich. (352.7m-850kc)	6 p. m. dinner concert; 8, WEAF.

Central Time Stations

KFAB Lincoln, Neb. (340.7m-880kc)	6:30 p. m. musical; 8:05-10:30, University of Nebraska.
KFDM Beaumont, Texas (315.6m-950kc)	orchestra.
KFNE Shenandoah, Ia. (461.3m-850kc)	7 p. m. program; 8, garden talk.
KLDS Independence, Mo. (440.5m-680kc)	8 p. m. studio program.
KMA Shenandoah, Ia. (461.3m-850kc)	9-11 p. m. May's Mandolin Musicians.
KMOX St. Louis, Mo. (280.2m-1070kc)	6:10 p. m. dinner music; 7, program; 8, quartet; 9, soloist; 9:30, soloists; 10:30, orchestra; 12-1, frolic.

KOIL Council Bluffs, Iowa (305.9m-880kc) 6 p. m. program; 7, U. S. farm school; 7:30, program; 8, program; 11, spark plugs.
 KPRC Houston, Tex. (299.8m-1000kc) 7:30 p. m. concert; 9, bridge.
 KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-11:30 p. m. musical.
 KVOO Bristow, Okla. (374.8m-800kc) 7-8 p. m. KVOO orchestra; 8-8:30, mixed quartet; 8:30-9, Dinah; 12, Rough and Ready.
 KWVG Brownsville, Tex. (277.6m-1080kc) 10 p. m. entertainers.
 KYW Chicago, Ill. (535.4m-580kc) 6:30 p. m. Joska DeBabary and his orchestra; Johnny Hamp and his orchestra; 6:45-9:30, WJZ; 9:30, classical concert; 10:30-12, carnival.
 WAND Minneapolis, Minn. (243.8m-1230kc) 7:30 p. m. entertainers.
 WBAP Fort Worth, Tex. (475.9m-630kc) 7:30-8:30 p. m. musical; 9:30-10:30, soloist; 10:30-11, musical.
 WBBM Chicago, Ill. (226m-1330kc) 8 p. m. Com Sanders Night Hawks; 9-11, staff artists, orchestra; 11, Supper club.
 WCBD Zion, Ill. (344.6m-870kc) 8 p. m. classical program.
 WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 7-9:30 p. m. WEAF; 9:30, musical comedy, Garratt's Chocolate Soldiers; 10, Trustadions.
 WCFL Chicago, Ill. (491.5m-810kc) 6 p. m. talks; 7, Drevort trio; 8, Spinning wheel hour; 12, Reuleux-vaux cafe.
 WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 11-11:5, Nighthawk frolic.
 WEBH Chicago, Ill. (370.2m-810kc) 7 p. m. classical hour; 9-11, Balaban and Katz Uptown theater musical hits.
 WENR Chicago, Ill. (266m-1130kc) 6-7 p. m. artists; 8-10, frolic.
 WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30 p. m. musical; 8:30-9:30, bridge game, selections; 11-12, musical.
 WGBF Evansville, Ind. (236.1m-1270kc) 8 p. m. musical program; 9, classic hour.



EVERYONE who knows KGO will be of the Arion trio above because went on the air, these three violinist; Joy Barthelson, pianist, an entertained the Radio audience of this for their popularity is their endeavor; requirements of broadcasting. During on the air they have arranged over 2 They are appearing in a special program smiling gentleman on your list is no of WOR, Newark, N. J. What ea versatile Radio star. He composes, si and in between gets off such doily by him. A southern beauty is the regal ya Boyer. Her coloratura soprano voice Nashville. Miss Boyer is a graduate is well advanced on her way t

WMBB Chicago, Ill. (250m-1200kc)	7-8:30 p. m. ensemble; 8:30-11, frolic.
WOK Chicago, Ill. (410.7m-730kc)	6-7 p. m. entertainers; 11-12 p. m. dance program.
WOQ Kansas City, Mo. (278m-1080kc)	8-9:30 p. m. devotional music.
WOW Omaha, Nebr. (526m-570kc)	6 p. m. orchestra; 6:30, Lilliao Madsen, popular entertainer; 9, popular and old time music.
WQJ Chicago, Ill. (447.5m-670kc)	7-8 p. m. Raiboo orchestra orchestra; vocal selections; 10-2 a. m. Raiboo (garden) orchestra; frolic.
WRR Dallas, Tex. (245.8m-1220kc)	6 p. m. orchestra; 8, entertainers.
WSB Atlanta, Ga. (426.3m-700kc)	7:30 p. m. WEAF; 8, WEAF; 10:45, concert.
WSDC Chicago, Ill. (283.3m-1040kc)	6:30 p. m. dinner program; 7:15, travolta; 9-11, entertainers.
WSM Nashville, Tenn. (282.8m-1060kc)	8, WEAF.
WSOE Milwaukee, Wis. (245.8m-1220kc)	8 p. m. talk; 8:15, popular program; 9, Wboziti.

Mountain Time Stations

KFI Los Angeles, Calif. (467m-642kc)	7-8 p. m. serenaders; 8-9, program; 9-10, varied hour; 10-11, Azure Music club.
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Pacific Time Stations

KFWB Hollywood, Calif. (252m-1190kc)	6-7 p. m. Pontiac dinner hour; 8-9, studio program; 9-10 p. m. musical; 10-11 p. m. Warner Brothers frolic; 11-12, orchestra.
KGO Oakland, Calif. (361.2m-830kc)	6-6:55 p. m. Stanislas Ben's Little symphony; 8-9, Pilgrims; 9, book talk; 9-20, surprise; 10:30-11, orchestra.
KGW Portland, Ore. (491.5m-610kc)	8-10 p. m. educational program; 10-12, dance music.
KHJ Los Angeles, Calif. (405.2m-740kc)	6:30-7:30 p. m. children's hour; 8-9, program; 9-10, orchestra.
KHQ Spokane, Wash. (394.5m-760kc)	6-7 p. m. dinner concert; 8-10, program; 10-12, dance orchestra.
KJR Seattle, Wash. (384.4m-750kc)	8 p. m. studio program; 8:30-10, program.
KMTV Hollywood, Calif. (370.2m-810kc)	7 p. m. Orthophonic records; 7:30-9, features; 9-10, dance orchestra; 10-12, dance music.
KNX Hollywood, Calif. (336.9m-890kc)	8 p. m. program; 9, musical; 10, frolic.
KOMO Seattle, Wash. (305.9m-880kc)	7:30 p. m. Totem concert orchestra.

DANCIE	Central T	Monday
8, Wgro; 9, Wm; 9:15, Wk; 10, Wp; 10:15, Wm; 10:30, Wp; 10:45, Wk; 11, Wm; 11:15, Wp; 11:30, Wk; 11:45, Wm; 12, Wp.	9:15, Kth; 10:15, Wm; 10:45, Wp; 11:15, Wk; 11:45, Wm; 12, Wp.	9:15, Wgro; 9:30, Wm; 9:45, Wp; 10, Wk; 10:15, Wm; 10:30, Wp; 10:45, Wk; 11, Wm; 11:15, Wp; 11:30, Wk; 11:45, Wm; 12, Wp.

Light Opera company, WCAE, WRC, WGY; 11:30, Ben Hume orchestra from the Hotel Roosevelt.

WEEL Boston, Mass. (348.6m-860kc) 8 p. m. musicale; 8:30, WEAF; 9, WEAF; 10:15, Joe Rines and his Palais Royal orchestra.

WFHH Clearwater, Fla. (355.4m-843.6kc) 7 p. m. dinner concert; 7:45, open air band; 8:30, domestic science; 9, open house program; 10, orchestra.

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

WGHP Detroit, Mich. (270.1m-1110kc) 6 p. m. dinner concert, Hotel Triller; 8-8:30, light opera company; 8:30-10, little symphony.

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

WGY Schenectady, N. Y. (379.5m-790kc) 7:30 p. m. WEAF; 8, program; 9, WEAF; 9:30, WEAF; 10, music; 10:30, WEAF.

WHK Cleveland, Ohio (272.6m-1100kc) 7 p. m. orchestra; 8, quartet; 9, Rhythm Aces' orchestra; 10, Whozit; 10:15, music.

WHN New York, N. Y. (361.2m-830kc) 7:30 p. m. Loew's Lexington theater organ recital; 9:10, Loew's 7th Ave. theater concert; 10, songs; 10:30, Roseland dance orchestra; 11, trio; 11:50, Silver Slipper orchestra; 12, Frivolity club.

WICC Bridgeport, Conn. (232.4m-1290kc) 8 p. m. program; 8:30, musicale club; 9, music.

WIP Philadelphia, Pa. (508.2m-690kc) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.

WJAX Jacksonville, Fla. (336.9m-890kc) 8 p. m. Jacksonville Little symphony; 11, dance music.

WJR Detroit, Mich. (516.9m-860kc) 7 p. m. Seven Fruits; 7:30, symphony; 10, Murphy Brothers, organist, tenor, baritone; 11:30, Merry Old Chief and his tribe.

WJZ New York, N. Y. (454.3m-660kc) 8, lodentainers, WBZ, KDKA, KYW; 8:30, Twin Oaks orchestra, KDKA, KYW; 9, Maxwell hour, WBZ, KDKA, KYW, WSB, WJIC, WSM; 10, program; 10:30-11:30, orchestra.

WLIT Philadelphia, Pa. (394.5m-760kc) 8 p. m. Concert orchestra; 8:30, WEAF; 9, Stanley theater hour; 10, dance orchestra; 10:30, dance orchestra.

WLW Cincinnati, Ohio (422.3m-710kc) 7 p. m. orchestra; 7:30, talk; 10, Heerman trio; 10:40, Ford and Glenn; 11, organ recital; Johanna Grosse.

WLW New York, N. Y. (384.4m-780kc) 8:30-11 p. m. musicale.

WMAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. m. musicale; 8, WHAM program; 9, musicale; 10, Irolic.

WMBF Miami Beach, Fla. (384.4m-780kc) 7 p. m. dinner concert; 8, popular program; 10, Fleetwood dance orchestra.

WMCA New York, N. Y. (340.7m-890kc) 6:30 p. m. orchestra; 12, McAlpin entertainers.

WNYC New York, N. Y. (526m-570kc) 6:20 p. m. piano selections; 8:30, Adolph Lewisolin course.

WOO Philadelphia, Pa. (508.2m-690kc) 7:30 p. m. orchestra; 8, concert; 9, address; 11, dance music.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, Jacques Jacobs Hotel Shelton ensemble; 8, N. Y. University; 8:15, orchestra; 9, Studio Guild hour; 11, dance orchestra.

WRC Washington, D. C. (468.5m-640kc) 7:30, U. S. Army band; 8:30-9, WEAF; 9, WEAF; 9:30, staff program; 10, WEAF; 10:30-11:30, WEAF.

WRVA Richmond, Va. (256.3m-1170kc) 9 p. m. music; 10, organ.

WSAI Cincinnati, Ohio (325.9m-820kc) 7:15 p. m. ebimes; 7:30, WEAF; 10, WEAF; 10:30, studio; 11, dance orchestra.

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

WSSB New Orleans, La. (319m-940kc) 8:30 p. m. classics.

WTAC Worcester, Mass. (545.1m-660kc) 7 p. m. Powers Coal Mines; 7:30, program; 8, musicale; 9, program; 10, WEAF; 10:30, orchestra.

WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. orchestra; 7:15, talk; 7:30, WEAF; 8, studio recital; 8:30, WEAF; 9, program; 11, orchestra.

WWJ Detroit, Mich. (352.7m-820kc) 6 p. m. dinner concert; 8, musicale; 9-11, WEAF.

Central Time Stations
CKY Winnipeg, Can. (384.4m-780kc) 9-10 p. m. Prof. Gregori Garbovitsky, violinist.

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

KFHF Shenandoah, Iowa (461.3m-650kc) 7 p. m. concert, Henry Field Seed company; 11, Irolic.

KMA Shenandoah, Iowa (461.3m-650kc) 9-11 p. m. Two piano concert, Peregrin Brothers.

KMOX St. Louis, Mo. (286.2m-1070kc) 6:10 p. m. dinner organ recital; 6:30, quartet; 7:30, quartet; 8, program; 10:30, orchestra; 12-1, dance music.

KPRC Houston, Texas (299.8m-1090kc) 7:30 p. m. Jack Willich's orchestra; 8:15, evening concert.

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

KTHS Hat Springs National Park, Ark. (374.8m-800kc) 9-10 p. m. music; 10-11, Irolic.

KVOO Bristow, Okla. (374.8m-800kc) 7-8 p. m. program; 8-9, Dorothy Heywood Reedy, artists; 12, dance orchestra.

KWWG Brownsville, Tex. (277.6m-1080kc) 7:30 p. m. band.

KYW Chicago, Ill. (535.4m-660kc) 6:30 p. m. Joska Dellabary and his orchestra; 7-9, WEAF; 9-10:30, Edison classical concert; 10:30-12, program.

WAMD Minneapolis, Minn. (243.8m-1230kc) 7:25 p. m. reception report; 7:30, musicale; 10, Irolic.

WBBM Chicago, Ill. (226m-1330kc) 7:30 p. m. 9-11, artists, orchestras; 11, Nutty club.

WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 6:30, democrat of the dinner table; 8, WEAF; 8:30, musicale; 9, WEAF; 9:30, musicale; 10:30, orchestra; 11:30, organ recital, Eddie Dunstetter.

WCF Chicago, Ill. (491.5m-810kc) 6 p. m. talks; 7, Brevoort trio; 8, variety hour; 12, orchestra.

WCOA Pensacola, Fla. (252m-1190kc) 7 p. m. bridge; 9, program.

WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. School of the air; 8-8:30, WEAF; 8:30-9, musicale; 9-9:30, WEAF; 11-11:45, Nighthawk Irolic.

WEBR Chicago, Ill. (370.2m-810kc) 7 p. m. Edgewater beach hotel orchestra; 9-11, orchestra, artists; 12-1 a. m., revue.

WEMC Berrien Springs, Mich. (315.6m-950kc) 8:15 p. m. recital.

WENR Chicago, Ill. (265.3m-1130kc) 6-7 p. m. organ; 8-10, musicale; 12-2, Irolic.

WGN Chicago, Ill. (392.8m-890kc) 6:10 p. m. music; 6:15, Punch and Judy; 6:35, Drake concert ensemble; 6:50-7, Old Fashioned almanack; 7:15, Paul Ash; 8:30, Adventures of Oney Fred Sweet; 8:40, songs; 8:45-10, Arabian Nights' entertainment; 10, Sam 'n' Henry; 10:10, Music Box; 10:20, Bible readings; 10:30-12, The Pepper Party.

WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. orchestra; 8:30, players; 10:30-11:30, dance selections.

WHAS Louisville, Ky. (399.8m-750kc) 7:30-8 p. m., recital; 8-9, WJZ.

WHB Kansas City, Mo. (365.6m-820kc) 7-8 p. m. program; 10:45-11:45, midweek musicale.

WHO Des Moines, Iowa (526m-570kc) 6-7 p. m. Little symphony; 7-8, orchestra; 8-9, popular program; 9-11:30, quartet.

WHT Chicago, Ill. (399.8m-750kc) 6 p. m. Al Carney; 7:45 (235m-1260kc), orchestra, Stuart Dawson; 9:30 (399.8m-750kc), program; 10, variety program; 11, Al and Pat.

WIBO Chicago, Ill. (225.4m-1330kc) 6-8 p. m. dinner concert; 10-12, dance music.

WJAZ Chicago, Ill. (329.5m-910kc) 6:30 p. m. organ; 7:30, program; 8, Zenith hall hour; 8:30, dance music; 9-10:30, diversified music; 10:30, Irolic.

WJJD Mooseheart, Ill. (370.2m-810kc) 8-9 p. m. child artists; 11-12, Palmer House Victorians.

WLAC Nashville, Tenn. (225.4m-1330kc) 7-8 p. m. program; 8-9, studio program.

WLJB Chicago, Ill. (302.8m-990kc) 8-8:30 p. m. WEAF; 12-12:45, opera club orchestra.

WLS Chicago, Ill. (344.6m-870kc) 6 p. m. Supperbell; 6:40, Maurie Sherman's College Inn orchestra; 6:55, Tony's scrap book; 7, WLS Haymakers; 7:30, program; 9:15, WLS trio; 10:15-12:30, dance night.

WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. Chicago theater organ; 8, orchestra; 8-10, Northwestern U.; 9, music.

WMBB Chicago, Ill. (249.9m-1200kc) 7-7:30 p. m. Trianon duo; 7:30-8:30, minstrels; 8:30-11, orchestra, artists.

WOAI San Antonio, Texas (394.5m-760kc) 8:30-9:30 p. m. Kelvinator hour.

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WOC, Davenport, Iowa (483.6m-620kc) 6:30-7:30 p. m. musicale; 9:30-10:30, musicale.
WOK Chicago, Ill. (410.7m-730kc) 6-7:30 p. m. ensemble; 11, dance program.
WOQ Kansas City, Mo. (278m-1080kc) 6:15 p. m. orchestra.
WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. North Shore line; 7:45, ten minutes of good reading; 9, I. B. S. A. choral singers; 9:15, Bible lecture.
WOS Jefferson City, Mo. (440.9m-680kc) 7:30 p. m. address; 8:05, talk; 8:20, musicale.
WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; concert; 10-2 a. m. Rainbo frolic.
WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. WJZ; 10:45, entertainers.
WSBC Chicago, Ill. (288.3m-1040kc) 6:30-8 p. m. dinner program; 9-1, entertainers.
WSOE Milwaukee, Wis. (245.6m-1220kc) 6:10 p. m. children's program; 7 popular program; 8, Wboziti.
WSM Nashville, Tenn. (282.8m-1060kc) 6:45 p. m. dinner concert; 7:15, studio program; 8, WJZ; 9, program.
WSMB New Orleans, La. (319m-840kc) Loew's State theater stage.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 8 p. m. Scheuerman's Colorado orchestra; 8:15, studio program.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7 p. m. Virginia ballroom orchestra; 7:30, Nick Harris; 8-9, program, California Petroleum corp.; 9-11, classical program.
KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pentax; dinner hour; 7:50, news; 8-9, features; 9-10, orchestra; 10-11, Rainbo orchestra; 11, orchestra.
KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Bem's Little symphony; 8, larm program; 9, irlo.
KGW Portland, Ore. (491.5m-810kc) 8-9 p. m. concert; 9-10, entertainment.
KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30 p. m. children's hour; 8-10, features; 10-11, dance music.
KHQ Spokane, Wash. (394.5m-760kc) 9-10 p. m. KGW.
KJR Seattle, Wash. (384.4m-780kc) 10 p. m. dance music.
KLBX Oakland, Calif. (505.2m-590kc) 6:30-7 p. m. Athens Athletic club orchestra; 8-9, educational program; 9-10, program.
KMTR Hollywood, Calif. (370.2m-810kc) 7-7:50 p. m. musical program; 7:50-8, feature; 9-10, dance; 10-12, frolic, Palais de Danse.
KNX Hollywood, Calif. (335.9m-890kc) 7 p. m. musicale; 8, musicale; 9, program; 10, Edgewater club orchestra; 11, Hotel Ambassador.
KOMO Seattle, Wash. (305.9m-980kc) 7:30 p. m. Totem quartets.
KFO San Francisco, Calif. (428.3m-780kc) 6:30-7 p. m. States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel concert orchestra; 8-9, Atwater Kent artists; 9-10, music; 10-11, States Restaurant orchestra; 11-12, Cabirians.
KTAB Oakland, Calif. (302.8m-990kc) 8-10 p. m. program.
KWSC Pullman, Wash. (348.6m-660kc) 7:30 p. m. concert, talk.
KYA San Francisco, Calif. (389.8m-750kc) 8-10 p. m. lecture program; 10-11, dance music.

Wednesday, silent night for: CKAC, KFDM, KFDY, KLDS, KMMJ, KMOX, KOB, KOIL, KPSN, KUOA, KWWG, WABO, WBAL, WBAP, WBBR, WCBG, WCEA, WEL, WGBF, WGBS, WGCC, WHAR, WIF, WJAZ, WOV, WPG, WRR, WSUL, WTIC.

THURSDAY, MARCH 17 Headliners

Table with columns for Eastern, Central, Mountain, and Pacific time zones, listing radio stations and their featured programs for Thursday, March 17.

Regular Thursday Features Eastern Time Stations

KDKA Pittsburgh, Pa. (309.1m-970kc) 6 p. m. KDKA Little symphony orchestra; 8-10, WJZ.
PWX Havana, Cuba (399.8m-750kc) 8:30 p. m. Cuban program.
WAAM Newark, N. J. (263m-1140kc) 6 p. m. orchestra; 7, sports; 9:30, orchestra.
WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m. dinner concert; 7:30-8, organ recital; 8-9, musical program, instrumental and vocal selections; 9-10, ensemble; 10-11, staff concert; 11-12, dance orchestra.
WBBR New York, N. Y. (416.4m-720kc) 7:30 p. m. program.
WBZ Springfield, Mass. (333.1m-900kc) 6:30, orchestra; 8-10, WJZ; 10, program; 10:30, orchestra.
WCAE Pittsburgh, Pa. (451.3m-650kc) 6 p. m. orchestra; 7:45, talks; 8:30, musicale; 9-11, WEA; 11, dance music.

WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg recital; 8, Saddler's Serenaders; 8:30, playmates; 9:30, artists; 10, frolic; 10:30, Parodians dance orchestra; 11, Club Cadix revue; 12, Picadilly revue.
WCSH Portland, Me. (499.7m-600kc) 7:45 p. m. talk; 10, WEA.
WDX Detroit, Mich. (516.9m-880kc) 6 p. m. dinner program, Goldkette ensemble; 6:15, Skeeze time; 8-9, organ.
WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m. orchestra.
WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, mid-week hymn sing, auspices of the Greater New York Federation of churches; 7:30, famous characters in literature; 8, Coward Comfort hour; 8:30, program, WGR, WFI, WWJ, KSD; 9, Clippot Club Eskimos, WEEI, WJAR, WTAG; WEL, WCAE, WSAI, WTAM, WGR, WWJ, WOC; WCO, KSD, WGN, WGY; 10, Goodrich Zippers, WEEI, WEL, WCAE, WWJ, WGR, WOC, WCO, WTAG, KSD, WSAI, WJAR, WGN, WADC; WCSI; 11, Vincent Lopez and his orchestra from Casa Lopez, WGY.
WEAO Columbus, Ohio (293.9m-1020kc) 8:15 p. m. headliners.
WEEI Boston, Mass. (348.6m-660kc) 6:10 p. m. Palais Royal orchestra; 7:50, Boston Globe broadcast; 8, musicale; 9-11, WEA.
WFHH Clearwater, Fla. (355.4m-843.6kc) 7 p. m. dinner music; 7:45, Clearwater Scarlet Guards; 9, Euphemia Kavassa; 10, orchestra.
WFI Philadelphia, Pa. (394.5m-760kc) 8 p. m. The Serenaders; 8:30, recital; 9, WEA; 10, WEA.
WGBS New York, N. Y. (315.6m-950kc) 6:15 p. m. N. Y. U.; 7, orchestra; 8, dramatic critic; 8:10, program.
WGHP Detroit, Mich. (270.1m-1110kc) 6 p. m. dinner concert, Hotel Tuller; 10-11, WGHP Protickers; 11-12, dance orchestra.

WGR Buffalo, N. Y. (319m-840kc) 6:30-7:30 p. m. Vincent Lopez Hotel Statter orchestra; 8-11, WEA.
WGY Schenectady, N. Y. (378.5m-790kc) 6:30 p. m. dinner music; 7:45, musicale; 9, WEA; 10-11, program; 11-11:30, WEA; 11:30, organ.
WHK Cleveland, Ohio (272.5m-1100kc) 6 p. m. orchestra; 10, orchestra; 11-12, Ritz hour.
WHN New York, N. Y. (381.2m-830kc) 7 p. m. Iceland dance orchestra; 8, Will Oakland's Chateau; 9:30, theater; 12, Cotton club.
WICC Bridgeport, Conn. (232.4m-1290kc) 7:30 p. m. studio program.
WIP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, evening program; 10:05, dance orchestra; 10:30, orchestra.
WJR Detroit, Mich. (516.9m-880kc) 7 p. m. Jean Goldkette's Petite symphony orchestra; soloists; 7:30, Ide and Megynia, entertainers; 9, studio program.
WJZ New York, N. Y. (454.3m-660kc) 7:10 p. m. Hotel Pennsylvania orchestra; 8, Col. True, WBZ, KDKA, KYW; 9, R. C. A. radiotrons; WBZ, KDKA, KYW; 10:30-11:30, dance music.
WLIT Philadelphia, Pa. (394.5m-760kc) 7:30 p. m. concert orchestra.
WLW Cincinnati, Ohio (422.3m-710kc) 7:40 p. m. orchestra; 10, Ford and Glenn; 10:30, Melody Boys; 12:15 a. m. Night Howls.
WLWL New York, N. Y. (384.4m-780kc) 8:30-11 p. m. music.
WMAK Buffalo, N. Y. (265.5m-1130kc) 6:15 p. m. Hotel Lafayette trio; 8:30, music club; 9, musicale; 10, dance.
WMBF Miami Beach, Fla. (384.4m-760kc) 7 p. m. dinner concert; 8, popular program; 10, dance orchestra.
WMCA New York, N. Y. (340.7m-880kc) 7 p. m. orchestra; 9, Solow soloists; 9:30, Nutty half hour; 11, Ernie Golden and his Hotel McAlpin orchestra; 12, Broadway Nite.

WNYC New York, N. Y. (526m-570kc) 6:10-10:30 p. m. evening program.
WOO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. dance orchestra.
WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Weisby in sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 10:45, entertainers; 11, orchestra; 11:35, orchestra.
WPG Atlantic City, N. J. (299.8m-1000kc) 7:10 p. m. organ recital, Arthur Brook; 7:25, Hotel Morton dinner music; 8, world wonder excursions; 8:15, studio concert; 9:45, program; 10, movie broadcast; 10:30, organ recital; 11:30, theatrical frolic.
WRC Washington, D. C. (468.5m-640kc) 7 p. m. dinner music; 8, U. S. Navy band; 9, WEA; 10-11, land.
WRVA Richmond, Va. (256.3m-1170kc) 8 p. m. evening program; 11, Carry me back to Old Virginia.
WSAI Cincinnati, Ohio (325.9m-920kc) 6:40 p. m. talk; 6:45, chimes; 7:30, request program; 10, WEA; 11, music.
WTAG Worcester, Mass. (454.1m-550kc) 8:30 p. m. Standlarync trip; 9, WEA; 10, WEA.
WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. orchestra; 7, studio program; 9:30, studio program; 11, orchestra.
WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hotel Heulbin trio; 7, midweek religious sing; 7:30, staff artists; 8, Outlet Owlets; 8:30, Capitol theater presentation.
WWJ Detroit, Mich. (352.7m-820kc) 6 p. m. dinner concert; 8, WEA.

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 8:30-9 p. m. studio program; 9-10, J. A. Bandfield company's concert.
KFAB Lincoln, Nebr. (340.7m-880kc) 8:30-10:30 p. m. out of town program.

Large advertisement for UTAH CONE SPEAKER. Features a central image of a speaker with a price tag of \$10.00. Text includes 'The JUNIOR CONE is the Outstanding Speaker for 1927' and 'UTAH RADIO PRODUCTS CO., 1421 S. MICHIGAN AVE., CHICAGO'. Includes three award medals: UTAH BOOK \$19, UTAH STANDARD \$22.50, and SUPERFLEX \$10.

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Each One Guaranteed

KFNF Shenandoah, Iowa (461.3m-650kc) 7 p. m. concert.
 KLDS Independence, Mo. (440.9m-680kc) 8 p. m. studio program.
 KOIL Council Bluffs, Ia. (305.9m-990kc) 6 p. m. program; 7, farm program; 7:30, oil burner; 8, music hour; 11, orchestra.
 KPRC Houston, Texas (299.9m-1000kc) 8 p. m. evening program; 8:30, music; 11, entertainment.
 KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. concert.
 KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-10:10 p. m. program; 10:10, dance program.
 KVOO Bristow, Okla. (374.8m-800kc) 7-7:30 p. m. Hawaiian music; 7:30-8, Irene Buchner; 8-9, music lovers hour; 12, American Legion frolic.
 KWWG Brownsville, Tex. (277.6m-1050kc) 8:30 p. m. program; 9, program; 12, dance.

WJJD Mooseheart, Ill. (370.2m-810kc) 8-9 p. m. child artists; 11-1 a. m. Palmer House Victorians.
 WLAC Nashville, Tenn. (225.4m-1330kc) 9-10 p. m. solists; 10-12, studio program.
 WLIB Chicago, Ill. (302.2m-990kc) 7-8 p. m. "dinner concert"; 11-12:30, organ, orchestras.
 WLS Chicago, Ill. (344.6m-870kc) 6:30 p. m. sports; 6:40-7:55, artists; 10:30-12:30, orchestras, organ, soloist.
 WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. Chicago theater organ; 6:30, orchestra; 8, program; 8:05, U. Chicago; 8:30, frolic; 9, presenters.
 WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m. Trianon ensemble; 8:30-11, orchestra; Arthur Truesdale.
 WMC Memphis, Tenn. (499.7m-600kc) 8 p. m. talk on Memphis commerce; 8:30, program.
 WQAI San Antonio, Tex. (394.5m-760kc) 8:30-9:30 p. m. Radiola Super-Heterodyne hour.
 WGC Davenport, Iowa (483.6m-620kc) 7:30-8 p. m. Mollie Plowboys; 8-9, WEAF; 9-10, WEAF; 10-11, musicale.
 WOK Chicago, Ill. (410.7m-730kc) 6-7:30 p. m. ensemble; 11-1, dance program.
 WORD Chicago, Ill. (276.1m-1090kc) 7 p. m. Webster Hotel duo orchestra; 9, musicale.
 WOW Omaha, Neb. (626m-570kc) 6:30 p. m. fretted instruments; 9, classical program; 10, Roseland Gardens.
 WOJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; specialty; 10-2 a. m. Rainbo frolic.
 WRR Dallas Tex. (245.8m-1220kc) 6 p. m. music; 8, classical music; 9, Bible class; 11-12, old-time music.
 WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. WEAF; 10:45, Charles A. Sheldon Jr., organist.
 WSBG Chicago, Ill. (285.3m-1040kc) 6-7 p. m. dinner program; 9, entertainers.
 WSM Nashville, Tenn. (282.5m-1060kc) 6:15 p. m. announcements; 6:45-11, music.
 WSMB New Orleans, La. (319m-940kc) 8:30 p. m. dance program.
 WSOE Milwaukee, Wis. (245.5m-1220kc) 6 p. m. children's hour; 7, popular music; 9, bridge; 9:30, community band.



"KGO Melody Girl" is the title given to Rose Lind, contralto. She may be heard at the Oakland station any Saturday night between 9:30 and 10:30 p. m. Pacific time.

KYW Chicago, Ill. (535.4m-560kc) 6:30 p. m. Joska DeBarry and his orchestra; 7, WJZ; 9-10:30, classical concert; 10:30-12, Congress carnival.
 WAMD Minneapolis, Minn. (243.8m-1230kc) 7:30 p. m. program; 11:15, organ.
 WBAP Fort Worth, Tex. (475.9m-630kc) 7:30-8:30 p. m. saxophone octet; 9:30-11, program; 11-12, organ.
 WBMM Chicago, Ill. (226m-1130kc) 8 p. m. Coon-Sanders Night Hawks; 9-11, orchestra, piano; 11, Coon-Sanders Night Hawks.
 WCBZ Zion, Ill. (344.6m-870kc) 8 p. m. musicale.
 WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 8 p. m. WEAF; 10:05, talk; 10:30, musicale; 11, program for the far North.
 WCFL Chicago, Ill. (491.5m-610kc) 6 p. m. talks; 7, Brevort trio; 8, classical music; 9, Superior players; 12, Rendezvous club.
 WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 11:45-1, Nighthawk frolic.
 WEBH Chicago, Ill. (370.2m-810kc) 7-8 p. m. Uptown theater; 9-11, musicale.
 WENR Chicago, Ill. (265.3m-1130kc) 6-7 p. m. dinner program; 8-10, popular program.
 WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30 p. m. Baker hotel orchestra; 8:30-9:30, concert.
 WGN Chicago, Ill. (302.2m-990kc) 6:35 p. m. Drake concert ensemble; Hlickstone string quartet; 8-10, WEAF; 10, Sam 'o' Henry; 10:10, The Music Box; 10:20, songs, Correll and Gosden; 10:40, Over the Hills; 10:52, Mark Love, basso.
 WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. orchestra and vocal selections, Wisconsin hotel orchestra; 8:30, studio program; 9:30, Hawaiian hour; 10, Sally and her crew; 11, dance.
 WHAS Louisville, Ky. (399.9m-750kc) 7:30-9 p. m. concert.
 WHB Kansas City, Mo. (365.6m-820kc) 7-7:30 p. m. organ concert; 7:30-9, talks; 9-10, songsters.
 WHO Des Moines, Ia. (526m-570kc) 7:30-8 p. m. dinner concert; 8-9, music; 11-12, dance program.
 WHT Chicago, Ill. (399.9m-750kc) 6 p. m. Al Caracy, organist, violin; 7:45, (238m-1260kc), orchestra, songs; 10:30, quartet; 11, Al and Pat.
 WIBO Chicago, Ill. (225.4m-1330kc) 6-8 p. m. dinner concert; 12-1, jamboree.
 WJAZ Chicago, Ill. (329.5m-910kc) 6:30 p. m. organ; 8, highlights; 8:30, dance music; 9:30, care of the hair; 9:40, Shoreland hotel.

Pacific Time Stations
 KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. program by students of U. S. C.; 8-9, KFI drama hour; 9-10, varied hour; 10-11, Johnston and Farrell's music box revue.
 KFWD Hollywood, Calif. (252m-1190kc) 6-7 p. m. Oakland Six; 7:50, news; 8-9, features; 9-10, program; 10-12, frolics.
 KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Hen's little symphony; 8, program; 9-12, orchestra.
 KGW Portland, Ore. (491.6m-610kc) 6-7 p. m. dinner concert; 7:45-8, lecture; 8-10, vaudeville.
 KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30 p. m. children's hour; 8-10, string quartet; 10-11, variety hour.
 KHQ Spokane, Wash. (394.5m-760kc) 7 p. m. dinner concert; 9-9:30, bridge; 10-12, orchestra.
 KNTR Hollywood, Calif. (370.2m-810kc) 8-9 p. m. program; 9-10, semi-classical hour; 10-11, dance music; 11-12, Palais de Danse.
 KNH Hollywood, Calif. (336.9m-890kc) 7 p. m. recording; 8, program; 9-10, features; 11, Hotel Ambassador.
 KOMO Seattle, Wash. (306.9m-950kc) 7:30 p. m. orchestra.
 KPO San Francisco, Calif. (428.3m-700kc) 6:30-7 p. m. States Restaurant orchestra; 7-7:30, Rudy Seiser's Fairmont hotel concert orchestra; 8-9, program; 9-10, music; 10-11, music; 11-12, frolic.
 KPSN Pasadena, Calif. (315.6m-950kc) 8-9:15 p. m. musical program.

Thursday, silent night hour: CFCA, KFAB, KFDM, KFH, KFOA, KFUB, KRX, KMA, KMOX, KOA, KOB, KSW, KWAB, WABC, WAMD, WCOA, WEO, WEL, WEMC, WGF, WHAD, WJAX, WLIT, WMAK, WOS, WSM, WSUI, WTAN.

FRIDAY, MARCH 18

Headliners

Eastern	Central	Mountain	Pacific
12 m.	12 m.	12 m.	12 m.
WLAV (422.3m-710kc) Ervin Schelenk, organist.	5:35	4:35	3:35
CNRT (356.9m-840kc) King Edward Hotel Concert.	7	5	4
WRR (245.8m-1220kc) Poets Hour.	8:30	8:30	4:30
KWWG (277.6m-1080kc) Twelfth Cavalry band.	8	6	5
WPG (299.9m-1000kc) Evangelistic services.	8:25	7:25	6:25
WHAD (275.1m-1090kc) Milwaukee Journal Tour Club.	8:30	7:30	6:30
WHO (526m-570kc) Waterloo's Bartles-Shepherd program.	8:30	7:30	6:30
WRVA (256m-1170kc) Negro Chorus singing spirituals.	9	7	6
CNRT (356.9m-840kc) Philharmonic ensemble.	9:30	8:30	7:30
WBAL (246m-1220kc) "The Weario" of the Green.	9:30	8:30	7:30
WHA (535.4m-560kc) Debate, Illinois U. vs. Wisconsin.	9:30	8:30	7:30

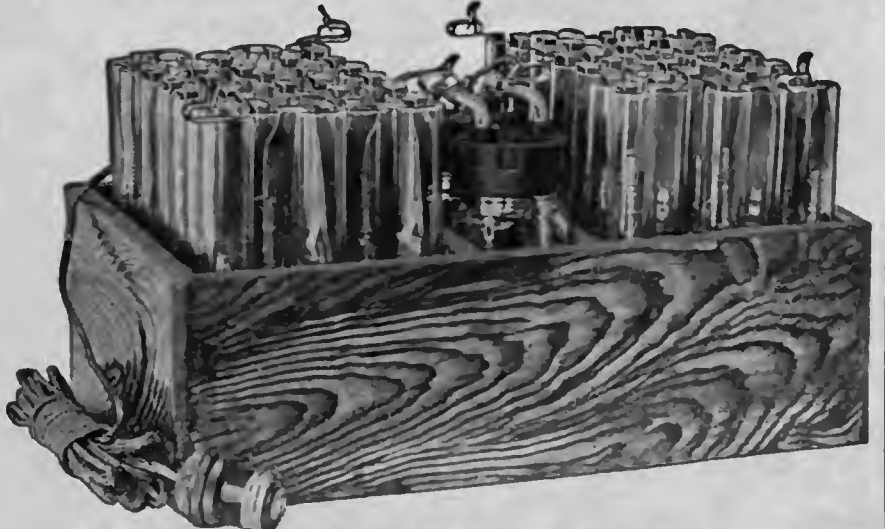
Eastern 9:00 p. m. WJZ (454.2m-660kc), KDKA (399.1m-970kc), WHAS (399.9m-750kc), WSM (280.2m-1060kc), Brunswick hour, WMBB (250m-1270kc) Edna Cunningham, Dyma-trope ensemble, WRVA (256m-1170kc) Cowardin Ave. Christian church chorus, WOS (440.9m-680kc) Stover community program, WCAU (277.6m-1080kc) Sam J. Gold, murmuring baritone, WFAA (475.9m-630kc) Tom Collin's Mandolin and Guitar club, KFAB (340.7m-880kc) Brook Men's Glee club, KTHS (374.8m-800kc) Meyer Davis orchestra versatility concert, WBAL (246m-1220kc) "An Hour with the Great Songs", WCOA (222m-1350kc) Clara Frenkel, popular vocalist, KWSC (348.6m-860kc) The Vagabonds, WBP (475.9m-630kc) Floe Arts Department of Texas Women's college, WRV (256m-1170kc) Beethoven piano recital, WCOA (222m-1350kc) Little Star Quartet, CNRV (291.1m-1030kc) Donald Fairman, organist, KFI (467m-642kc) Musical Chestnuts, KGO (361.2m-830kc) Arion Trio, KTAB (322.6m-940kc) San Francisco branch, League of American Pen Women, KTHS (374.8m-800kc) Harmony Four male quartet, KFI (467m-642kc) Sweetwater II. S. symphony, KTAB (361.2m-830kc) Gast Island Goats, KLN (508.2m-590kc) Athens' Athletic club orchestra, KFI (467m-642kc) Packard Ballad Hour.

WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dinner music; 8, WEAF; 9, program; 9:30, WEAF; 10, WEAF; 10:30, orchestra.
 WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg recital; 8, orchestra; 8:30, home party; 9:30, Marmurung Baritone; 10, Myers' musical architects; 11, orchestra.
 WCSH Portland, Me. (499.7m-600kc) 8 p. m. variety hour; 9, Treasure Hunters; 10, studio program; 10:30-2, m. frolic.
 WCK Detroit, Mich. (516.9m-580kc) 6-7 p. m. dinner concert, Goldkette ensemble; 8:30, studio program; 9, studio program.
 WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m. popular program; 10, Jubilee singers.
 WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7:30, Happiness Candy Boys; 8, Gold-mac band, WEEL, WGR, WLIT, WRC, WCAE, WTAM, WWJ, WSAI, WGN, WCCO, WDAF, KVOO, WFAA, WGY; 9:30, La France orchestra, WEEL, WGR, WDAF, WLIT, WCAE, WTAM, WWJ, KSD, WOC; 10, Whittall Anglo-Persians, WRV, WPA, WPA, KSI, WWJ, WCCO, WDAF, WGR, WGY, WEEL, WTAC, WCAE, WOC, WLIT; 10:30, orchestra, WGY; 11:30, orchestra.
 WEEL Boston, Mass. (346.6m-860kc) 7:30 p. m. Whiting Milk company; 8, musicale; 9, quintet; 9:30-10:30, WEAF; 10:30, orchestra.
 WFHH Clearwater, Fla. (355.4m-843.6kc) 7 p. m. dinner music; 7:45, band; 8:45, studio musicale; 10, Fort Harrison hotel orchestra.
 WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. Adelpia dance orchestra.
 WGBS New York, N. Y. (315.6m-950kc) 7 p. m. orchestra.
 WGHF Detroit, Mich. (270.1m-1110kc) 6-8 p. m. dinner concert; Hotel Tuller; 10-11, WGIP entertainers; 11-12, dance program.
 WGR Buffalo, N. Y. (319m-940kc) 7:15 p. m. evening program; 9:30-10:30, WEAF; 11-1, supper music.
 WGY Schenectady, N. Y. (379.5m-750kc) 7:30 p. m. band; 8, WEAF; 9, Radio Four; 10, WEAF; 10:30-11:30, WEAF.
 WHK Cleveland, Ohio (272.6m-1100kc) 6 p. m. orchestra; 7:30, Whozit; 8-9, program; 9-10, classical program; 10-11, orchestra.
 WHN New York, N. Y. (361.2m-830kc) 6:30 p. m. orchestra; artists; 12, frolic.
 WICC Bridgeport, Conn. (232.4m-1290kc) 8 p. m. entertainers; 9, hour of music.
 WIP Philadelphia, Pa. (506.2m-590km) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.
 WJAX Jacksonville, Fla. (336.9m-890kc) 8 p. m. Jacksonville Little symphony; 9, quartet; 10, symphony; 11, dance music.
 WJR Detroit, Mich. (516.9m-580kc) 7:15 p. m. trio; 8, dance music.
 WJZ New York, N. Y. (454.3m-660kc) 7:30 p. m. Bonnie Laddies; 8, Markels society orchestra, WJZ, KDKA, KYW; 8:30, Royal hero, WBZ, KDKA, KYW; 9, Brunswick or Victor hour, WBZ, KDKA, KYW, WHAS, WSD, WJC, WSM; 10, singers; 10:30-11:30, orchestra.
 WLIT Philadelphia, Pa. (394.5m-760kc) 8:15 p. m. concert orchestra; 8:30, WEAF; 10:30, Arcadia cafe dance orchestra.
 WMAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. m. weather; 7:30, musicale; 8:30-10:30, musicale.
 WMBF Miami Beach, Fla. (384.4m-750kc) 7 p. m. dinner concert; 8, popular program; 10, dance orchestra.

Regular Friday Features

Eastern Time Stations
 KDKA Pittsburgh, Pa. (309.1m-970kc) 6 p. m. string ensemble; 8-10, WJZ; 11, dance program.
 WAAW Newark, N. J. (263m-1140kc) 6 p. m. orchestra; 11:15, program.
 WABC New York, N. Y. (315.6m-950kc) 7:30-1 a. m. program.
 WAIU Columbus, Ohio (293.9m-1020kc) 8 p. m. artists' concert; 10, Song shop.
 WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m. dinner orchestra; 7:30-8, quartet; 8-9, trio; John Wilbourn, tenor; 9-9:30, Fitz Sisters, musical sketch; 9:30-10, string quartet; 10-11, novelty program; 11-12, Dance orchestra.
 WBZ Springfield, Mass. (333.1m-900kc) 6:15 p. m. ensemble; 7, orchestra; 8-10, WJZ; 10, musicale.
 WBBR New York, N. Y. (416.4m-720kc) 8 p. m. Watchtower concert trio; 8:20, Fred Twaroschk, tenor.

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WMCA New York, N. Y. (340.7m-880kc) 6:30 p. m. Ernie Golden and his Hotel McAlpin orchestra; 7:30, 8:30, orchestra; 9, entertainers; 12, McAlpin entertainers.

WNYC New York, N. Y. (526m-570kc) 6:30-10:30 p. m. talks; music.

WGO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. Hotel Sylvania dance orchestra; 8:30, address; 9, operatic period; 10:02, address; 10:30, dance music.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Bill Wathey in sports; 6:30, Hotel Bretton Hall string quartet; 7:30, orchestra; 8:15, N. Y. University; 8:30, orchestra; 9, orchestra; 10, orchestra; 11, Silver Slipper.

WRC Washington, D. C. (468.5m-640kc) 7 p. m. orchestra; 8, WEAF; 9, orchestra; 10, WEAF; 10:30-11:30, WEAF.

WRVA Richmond, Va. (256.3m-1170kc) 7 p. m. evening program.

WTAG Worcester, Mass. (545.1m-550kc) 8:30 p. m. program; 9, WEAF; 9:30, Belco entertainers; 10, WEAF.

WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. orchestra; 7, talk, Arthur Haas; 7:30, studio program; 8, recital; 8:30, WEAF; 9:30, WEAF; 10, WEAF; 10:30, Jade Room orchestra.

WTIC Hartford, Conn. (475.9m-630kc) 6:30 p. m. Hotel Bond Trio; 7:30, Hotel Bond Trio; 8, orchestra; 9, program; 10, Emil Heimbarger's Hotel Bond orchestra.

WWJ Detroit, Mich. (352.7m-820kc) 6 p. m. dinner concert; 8, WEAF; 9, musicale; 9:30, WEAF; 10, WEAF.

Friday, allent night for: CFCA, CKAC, CKNC, KFDY, KFNH, KLD5, KPRC, KP5N, KUOA, KWWC, PWX, WBBR, WCAD, WCBD, WFI, WGBS, WIP, WJAZ, WKRC, WLAC, WLIT, WLW, WLWL, WRGO, WSAI, WSM, WSNB, WSUI, WTAM.

SATURDAY, MARCH 19
Headliners

Eastern	Central	Mountain	Pacific
WHAD (1275.1m-1090kc) Secetary Hawkins-Boys and Girls club.	WFLC (225.4m-1300kc) Florence Hays, pianist.	WOC (483.6m-620kc) Paarmar trio, Fredlody House Players.	WTIC (475.9m-630kc) 118th Medical Regiment band.
8:15	7:15	6:15	5:15
WBZ (333.1m-900kc), WKDA (309.1m-970kc) Boston symphony.	WLW (422.3m-710kc) Ford and Glenn, Wood Shed production.	8:30	7:30
7:30	6:30	5:30	4:30
WHAS (399.8m-750kc) Town Club concert.	WMC (499.2m-600kc) Washington Sycopators.	WBAP (475.9m-630kc) Clyde and Florence Mas-sengale, popular numbers.	WCAU (1277.6m-1050kc) Alexander Skibinsky, violinist.
WEAF (491.5m-610kc) Columbia Phonograph com-pany.	WOC (483.6m-620kc) lecture on "Beethoven."	9:15	8:15
8:15	7:15	6:15	5:15
WGBS (315.6m-950kc) Alfred Dulin, Swedish concert pianist.	9:30	8:30	7:30
8:30	7:30	6:30	5:30
KFAB (340.7m-880kc) Buick Little symphony.	WFAA (475.9m-630kc) Mozart Choral club.	WMBB (250m-1260kc) Jack Goodwin.	8
8	7	6	5
KLDS (440.9m-690kc) Duets, Mrs. Joe Cope and Mrs. May Hollis.	KTHS (374.8m-800kc) Old Time Fiddlers.	WSM (282.8m-1060kc) Barn dance.	10:15
10:15	9:15	8:15	7:15
WGBS (315.6m-950kc) Edward Cahler, baritone.	KMOM (280.2m-1070kc) McDonald Sisters.	WBAP (475.9m-630kc) John Tarlton College of Steppenville.	11
11	10	9	8
KFI (467m-642kc) James Burroughs, tenor.	KTHS (374.8m-800kc) Ouachita College glee club.	WCCO (1416.4m-720kc) Ruth Boris, contralto; Harry Thorson, saxophone.	

Eastern	Central	Mountain	Pacific
12 Mid.	11	10	9
KFI (467m-642kc), KPO (438.3m-700kc) Phil-harmonic orchestra of Los Angeles.	KFON (232.4m-1250kc) The Minstrel Show.	1 a. m.	12
12	11	10	9
WAA (475.9m-630kc) Palace Theatre, features, Dwight Brown, organist.	2	1	11
KFI (467m-642kc) Dixieland Blue Blowers.			

Regular Saturday Features
Eastern Time Stations

CKAC Montreal, Que., Can. (410.7m-730kc) 7:15 a. m. dinner concert; 10:30, Red Jackets.

CKCL Toronto, Can. (357m-840kc) 7-8 p. m. trio.

KDKA Pittsburgh, Pa. (309.1m-970kc) 6 p. m. dinner concert; Westinghouse band; 7:15, Post Home club; 7:30, concert.

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

WAAM Newark, N. J. (263m-1140kc), 7:15 p. m. evening musicale.

WABC New York, N. Y. (315.6m-950kc) 12 mid. dance 1, vaudeville.

WAIU Columbus, Ohio (293.9m-1020kc) 10 p. m. Hot-tent of hour.

WBZ Springfield, Mass. (333.1m-900kc) 6 p. m. or-chestra; 7:30, musicale; 8:10, orchestra; 10:15, dance music.

WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dance orchestra; 8, program; 9, WEAF; 10:20, orchestra.

WCAU Philadelphia, Pa. (277.6m-1060kc) 6:30 p. m. orchestra; 8:30, program; 10:30, orchestra.

WCX Detroit, Mich. (516.9m-550kc) 6 p. m. dinner program, Goldkette ensemble; 6:15, Skeerix time.

WDBO Winter Park, Fla. (239.9m-1250kc) 6:30 p. m. dinner concert; 7:45, musicale.

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, Jaussen's Hobran orchestra; head-liner; 7:45, talk; 8, program; 9, Balite hour, WEEI, WGR, WFI, WCAE, WWJ, WSAI, WTAM, WGN, WGY, KSD, WCCO, WDAF, WRC; 10, Our Gremment, WEEI, WTAG, WGR, WFI, WRC, WCH, WGY; 10:10, dance music, WTAG, WGY, WRC; 11-12, Vincent Lopez and his orchestra.

WEEI Boston, Mass. (348.6m-560kc) 7:55 p. m. Boston Globe; 8, musicale; 9, WEAF; 10, Cruising the air.

WFHH Clearwater, Fla. (355.4m-843.6kc) 7 p. m. music; 7:45, band; 9, band; 10, dance program.

WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. Adelpia dance orchestra; 8:15, recital; 9, concert; 10, quartet; 10:30, Adelpia French Room or-chestra.

WGBS New York, N. Y. (315.6m-950kc) 7 p. m. music.

WGR Buffalo, N. Y. (319m-940kc) 9-10 p. m. WEAF.

WGY Schenectady, N. Y. (379.5m-790kc) 6:30 p. m. dinner program, Onondaga hotel; 8, WEAF; 9, WEAF; 10, WEAF; 11, dance program.

WHK Cleveland, Ohio (272.6m-1100kc) 7:30-11 p. m. program; 11-12, Ritz hour.

WIP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uacie Wip's bedtime stories; 8, sports corner, Dr. Francois D'Eliseu; 8:15, recital; 10:05, dance or-chestra; 11:05, organ recital.

WJAX Jacksonville, Fla. (336.9m-890kc) 8 p. m. Jack-sonville Little symphony; 9, quartet; 10, Little sym-phony; 11-12, dance music.

WJR Detroit, Mich. (516.9m-550kc) 7 p. m. Rhythm Kings, soloists; 7:30, studio program; 11:30, Merry Old Chief.

WJZ New York, N. Y. (454.3m-660kc) 7 p. m. theater orchestra; 8, to be announced; 10, Keystone duo; 10:30-11:30, orchestra.

WLIT Philadelphia, Pa. (394.5m-760kc) 7:30 p. m. concert orchestra.

WLW Cincinnati, Ohio (422.3m-710kc) 7 p. m. organ concert, Johanna Grosse; 8, Secetary Hawkins Radio club; 8:15, Ford and Glenn; 9:40, dance music, Castle Farm; 10, Old Twist Weezer.

WMAK Buffalo, N. Y. (265.5m-1130kc) 6:30 p. m. Hotel Onondaga orchestra; 7:30, Sheca's Buffalo theater; 9:30, musicale; 10:30, dance music; 11:30, B. A. C. orchestra.

WMBF Miami Beach, Fla. (384.4m-780kc) 7 p. m. dinner concert; 8, concert; 10, dance.

WMLA New York, N. Y. (340.7m-880kc) 11 p. m. Ernie Golden and his Hotel McAlpin orchestra; 12, McAlpin entertainers.

WNYC New York, N. Y. (526m-570kc) 7 p. m. musicale.

WOO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. Hotel Sylvania dance orchestra.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs, Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, ensemble; 7:30, orches-tra; 8:15, orchestra; 9, Washington Heights musi-cal club; 10:30, novelty program; 11, orchestra.

WPG Atlantic City, N. J. (299.8m-1000kc) 7:10 p. m. organ recital, Arthur Brook; 7:30, Hotel Morton dinner music; 8, dinner music; 9, Hotel Chelsea concert; 10, studio program; 10:30, dance music; 11:30, Gateway casino.

WRC Washington, D. C. (468.5m-640kc) 7 p. m. Bible talk; 8, WEAF; 9, WEAF; 10, WEAF; 10:10, dance music; 11, orchestra.

WSAI Cincinnati, Ohio (325.9m-920kc) 7:45 p. m. news; 8, sextet; 9, WEAF; 12, dance music.

WSKC Bay City, Mich. (266.7m-1150kc) 11-2 a. m. studio program.

WTAG Worcester, Mass. (545.1m-550kc) 8 p. m. program; 9, Bancroft hotel orchestra; 10, WEAF.

WTAM Cleveland, Ohio (389.4m-770kc) 6:15 p. m. Hotel Cleveland orchestra; 7:45, studio program; 9, WEAF; 10, Ev Jones' Merry-makers.

Central Time Stations

KFAB Lincoln, Nebr. (340.7m-880kc) 8:30-10:30 p. m. entertainment.

KFDM Beaumont, Texas (315.6m-950kc) band.

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

KMOX St. Louis, Mo. (280.2m-1070kc) 6:30 p. m. dinner program; 8, program; 12-1, dance music.

KOHL Council Bluffs, Ia. (495.9m-990kc) 7:30 p. m. program; 8, artists; 8:30, Drescher Brothers, Inc.; 11, frolic; 12, Lubricators.

KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. popu-lar program.

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

KVOO Bristow, Okla. (374.8m-800kc) 7-7:30 p. m. Walter Schoegen, tenor; 7:30-8:30, Marie Gardner Swift; 8:30-9, Chickasaw Nightingale; 11-12, Knights of the Empty Skull; 12-1, Earl Thurston, organist.

KWVG Brownsville, Tex. (277.6m-1060kc) band.

KYW Chicago, Ill. (535.4m-560kc) 6:30 p. m. Joska DeBary and his orchestra; 7, WJZ; 9-10:30, classical concert; 10:30-12, carnival.

WAMD Minneapolis, Minn. (243.8m-1230kc) 7:30 p. m. music; 10, frolic.

WBAP Fort Worth, Texas (475.9m-630kc) 7:30-8:30 p. m. concert; 9:30-12, evening program.

WBBM Chicago, Ill. (226m-1330kc) 8 p. m. Coon-sanders Night Hawks; 9-10, popular music.

WCCO Minneapolis-St. Paul, Minn. (415.4m-720kc) 6:15 p. m. St. Paul Association; 7, WEAF; 8, popular program; 9, WEAF; 9:30, program; 10:05, dance program, Nankin Gale orchestra.

WCFL Chicago, Ill. (491.5m-610kc) 7 p. m. Drevourt concert trio; 8, singing post; 12, Rendez-vous cafe.

WCOA Pensacola, Fla. (252m-1190kc) 8 p. m. musi-cale.

WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 8-8:30, varied musicale; 8:30-9, WEAF; 9-9:30, WEAF; 11:45-1, Nighthawk frolic.

WEBS Chicago, Ill. (470.2m-810kc) 7 p. m. Edge-water Beach hotel orchestra; 9-11, Edgewater Beach hotel orchestra.

WEMC Berrien Springs, Mich. (315.6m-950kc) 8:15 p. m. musicale.

WENR Chicago, Ill. (265.3m-1130kc) 6-7 p. m. dinner concert; 8-10, program; 12-2, midnight frolic.

WFAA Dallas, Tex. (475.9m-630kc) 6:30-7:30 p. m. orchestra; 8:30, program.

WGBF Evansville, Ind. (1236.1m-1270kc) 8 p. m. or-chestra.

WGN Chicago, Ill. (302.8m-990kc) 6:10 p. m. Punch and Judy; 6:35, ensemble; 6:50, old-fashioned alman-nack; 8, musical program; 9, WEAF; 9:30, The Phantom violin; 10, Sam n' Henry; 10:10, The Music Box; 10:20, Tommy Coates; 10:30, musicale.

WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. organist; 7, tour club; 8:30-10:15, classical program.

WHAS Louisville, Ky. (399.8m-750kc) 7:30 p. m. studio concert; 8, WEAF; 9, concert.

WHB Kansas City, Mo. (365.6m-820kc) 6-7 p. m. Sweeney orchestra; Songsters.

WHO Des Moines, Ia. (1526m-570kc) 7:30-8 p. m. program; 8-9, program; 11-12, dance program.

WHT Chicago, Ill. (399.8m-750kc) 6 p. m. Al Carney; Eleanor Gilmore; Helen Kauch; 7:45, 1235m-1260kc; Stuart Dawson; 9:30 (399.8m-750kc) program; 11, Al and Pat.

WIBO Chicago, Ill. (225.4m-1330kc) 6-8 p. m. even-ing musicale; 10-1, dance program.

WJAZ Chicago, Ill. (329.5m-910kc) 6:30, nrgan; 7, dance orchestra; 8, high lights; 9, diversified pro-gram; 10:30-2, frolic.

WJJD Mooseheart, Ill. (370.2m-810kc) 8-9 p. m. child artists; 11-1 a. m. Palmer House Victorians; Jack Nelson.

WLIB Chicago, Ill. (302.8m-990kc) 7-8 p. m. din-ner concert; 11-12:30, organ, orchestras.

WLS Chicago, Ill. (344.8m-870kc) 7 p. m. May and June; 7:15, trio; 8, orchestra; 9:15, trio; 10:15-12:30, Snow Boat.

WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. chimes; 6:30, Wide Awake club; 8, musicale.

WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m. old home songs; 8:30-11, frolic.

WMC Memphis, Tenn. (499.7m-600kc) 7:30 p. m. sym-phonators; 8, WJZ; 11, frolic.

WOAI San Antonio, Tex. (384.5m-760kc) 8:30-9:30 p. m. musical program.

WOC Davenport, Iowa (483.6m-620kc) 7:30-8:30 p. m. Monahan Melody Makers; 8:30-9, WEAF; 9-9:30, WEAF; 9:30-10:30, lecture; 10:30-11, frolic.

WOK Chicago, Ill. (410.7m-730kc) 6-7:30 p. m. en-semble; 11-1, dance program.

WORD Chicago, Ill. (1275.1m-1090kc) 7 p. m. North Shore line; 7:45, World News digest; 9, station program.

WOS Jefferson City, Mo. (440.9m-630kc) 7:15 p. m. Radio Bible class, talks; 8:20, musicale.

WOW Omaha, Nebr. (526m-570kc) 6:55 p. m. talks; 9, classical; 10, organ.

WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; 10-2 a. m. Rainbo frolic.

WRR Dallas, Tex. (245.8m-1220kc) 6 p. m. program; 8, band.

WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. WJZ; 10:45, concert.

WSBC Chicago, Ill. (286.3m-1040kc) 6:30-8 p. m. dinner program; 9-1, entertainers.

WSM Nashville, Tenn. (1282.8m-1060kc) 7 p. m. pro-gram; 8, WJZ.

WSOE Milwaukee, Wis. (245.8m-1220kc) 7 p. m. popular program; 8, Library review; 8:15, Wbozit.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 8 p. m. KOA or-chestra; 8:15, studio program.

KOB State College, N. M. (348.6m-660kc) orchestra.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. popu-lar program; 8-9, program; 9-10, semi-classical hour; 10-11, Packard ballad hour.

KFWB Hollywood, Calif. (252m-1190kc) 7-10 p. m. program; 10-12, frolic.

KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Hem's Little symphony; 8-9, program.

KGW Portland, Ore. (491.5m-610kc) 6-7 p. m. dinner concert; 8-8:30, KGW movie club; 8:30-10:30, dance music; 10:30-12, frolic, Hoot Owls.

KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30, children's hour; 8-10, feature program.

KHQ Spokane, Wash. (394.5m-760kc) 8-9 p. m. KGW; 9-10:30, feature; 10:30-11, KGW.

KLX Oakland, Calif. (508.2m-590kc) 8-9:30 p. m. spe-cial program; 9:30-10:30, Athens Athletic club or-chestra.

KMTR Hollywood, Calif. (370.2m-810kc) 8-9 p. m. ensemble; 9-10, dance music; 10-12, dance music.

KNX Hollywood, Calif. (336.9m-890kc) 7 p. m. fea-ture; 8, 10, features; 11, Hotel Ambassador.

KOMO Seattle, Wash. (305.5m-980kc) 8:30 p. m. or-chestra, Totem features.

KPO San Francisco, Calif. (428.3m-700kc) 6:30 p. m. State Restaurant orchestra; 8-10, orchestra; 10-11, orchestra; 11-12, dance orchestra.

KTAB Oakland, Calif. (302.8m-990kc) 8-9 p. m. orchestra; 9-10, orchestra.

KWSC Pullman, Wash. (348.6m-860kc) 7:30 p. m. concert, talks.

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Name

Street

City and State

WTIC Hartford, Conn. (476.9m-630kc) 6 p. m. Hob Restaurant trio; 8, program; 10, orchestra.

WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. Webster hotel concert program; 9, studio program.

Eastern 3:10 p. m. Central 2:10 Mountain 1:10 Pacific 12:10 KOMO (305.9m-980kc) St. James Cathedral noon mass.

Eastern 10 p. m. Central 9 Mountain 8 Pacific 7 KFAI (340.7m-880kc) Roman and Juliet.



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KMA Shenandoah, Ia. (461.3m-850kc) 9-11 p. m. May Flower trio. KMOX St. Louis, Mo. (280.2m-1070kc) 6:30 p. m. soloist; 7, Little Red Schoolhouse; 8, soloists; 9, program; 9:30, soloists; 10, program; 12-1, dance music.

WSMB New Orleans, La. (318m-940kc) 8:30 p. m. popular program. WSOE Milwaukee, Wis. (245.8m-1220kc) 8 p. m. Whozit, artists.

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

Pacific Time Stations KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. trio; 8-9, program; 9-10, classical program; 10-11, Packard Radio club; 11-2 a. m. KFI midnight frolic.

SUNDAY, MARCH 20

Headliners

Eastern 3:30 p. m. Central 2:30 Mountain 1:30 Pacific 12:30 WJL (516.9m-580kc) Detroit Symphony, 4:15; 8:15.

Regular Sunday Features

Eastern Time Stations

CFCA Toronto, Can. (358.9m-840kc) 11 a. m. services; 2 p. m. church service. KDKA Pittsburgh, Pa. (309.1m-970kc) 11 a. m. service; 4 p. m. organ; 4:45, service; 6:30, little symphony; 7:45, service; 9:30, WJZ.

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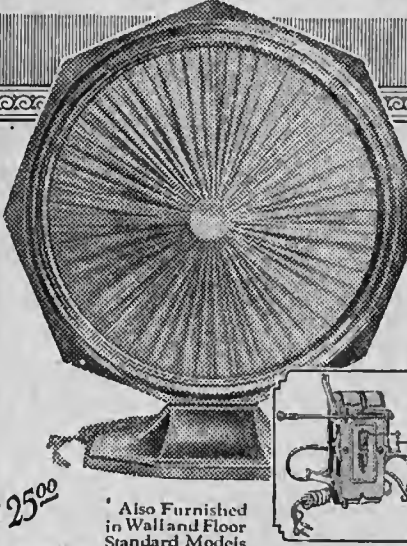
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SUNDAY, MARCH 20 Church Services

Eastern 10 a. m. Central 9 Mountain 8 Pacific 7 WJR (516.9m-580kc) First Baptist Church of Pontiac. 10:40 9:40 8:40 7:40 WJLB (365.6m-820kc) Linwood Blvd. Christian church.



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WHN New York, N. Y. (941.2m-830kc) 6:30 p. m. Libby's Hotel orchestra; 12, orchestra.

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

Sunday, silent night for: CKAC, CKNC, CNRW, KFDY, KFSD, KFAP, KLX, KMA, KOB, KSWG, KWWG, WABC, WCFB, WCOA, WDAF, WEBB, WFLB, WFFF, WFFF, WFFF, WHAD, WJJD, WJR, WLIT, WLWL, WMAQ, WMC, WNYC, WOL, WOR, WSMB, WRVA, WWSW.

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

MONDAY, MARCH 21

Table with 4 columns: Eastern, Central, Mountain, Pacific. Lists radio stations and their broadcast times for Monday, March 21.

Mountain Time Stations

KOA Denver, Colo. (322.4m-930kc) 11 a. m. church service; 3 p. m. afternoon musicale; 6:30, organ; 7:45, church service.

Pacific Time Stations

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

Regular Monday Features

CFCA Toronto, Can. (359.9m-840kc) 7:15, organ recital, Clifford McCormick.

Central Time Stations

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

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

Eastern	Central	Mountain	Pacific
9:25 p. m.	6:25	7:25	6:25
WOS (440.9m-680kc) old fiddlers' cootest.			
9:30	8:30	7:30	6:30
WFAA (475.9m-630kc) Mort Herron's Girls' band.			
10	9	8	7
WRVA (256m-1170kc) Country Fiddlers.			
10:30	9:30	8:30	7:30
WWSM (282.8m-1090kc) String trio.			
11:15	10:15	9:15	8:15
KWSC (348.6m-860kc) Earl Shinkoskey, violinist.			
11:30	10:30	9:30	8:30
WBAF (475.9m-630kc) Texas Christian University program.			
12 mid.	11	10	9
WCSH (499.7m-600kc) Sleep Chasers' club.			
10:40	9:40	8:40	7:40
KFAB (340.7m-890kc) Two Orphans.			
11	10	9	8
KFI (467m-642kc) Paul Roberts and Leslie Adams.			
11:15	10:15	9:15	8:15
KOA (322.4m-930kc) Tambo, Rastus and Bones, popular minstrel show.			
11:30	10:30	9:30	8:30
KTHS (374.8m-800kc) Mr. Geo. Fletcher, soprano.			
11:30	10:30	9:30	8:30
WBAF (475.9m-630kc) The Harmony Club.			
12 mid.	11	10	9
CNRY (291.1m-1030kc) Bill Tweedie's concert orchestra.			
KFI (467m-642kc) Alma Frances Gordon.			

SATURDAY, MARCH 26
Headliners

Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4
WGBS (315.6m-950kc) Harmonic music club.			
7:30	6:30	5:30	4:30
WGBS (315.6m-950kc) Frank Len Short, dramatic critic.			
8	7	6	5
WLAC (225.4m-1330kc) Mrs. Harry Pierce concert.			
8:15	7:15	6:15	5:15
WVIC (475.9m-630kc) Ideal male quartet.			
8:30	7:30	6:30	5:30
WLAS (379.8m-750kc) Eileu Bachus concert.			
8:30	7:30	6:30	5:30
KLDS (440.9m-680kc) Walton Lockman, baritone.			
8:30	7:30	6:30	5:30
KMOX (280.2m-1070kc) Bill Snyder and his Hornet accordian.			
9:30	8:30	7:30	6:30
WFAA (475.9m-630kc) Gilson Mandolin and guitar club.			
9:30	8:30	7:30	6:30
WWSM (319m-940kc) Saenger Theatre organ.			
10	9	8	7
WVIC (475.9m-630kc) Black and White review.			
10	9	8	7
KTHS (374.8m-800kc) Ballad program, Eastman Hotel orchestra.			
11:45	10:45	9:45	8:45
WFG (299.8m-1000kc) Marcelle duo.			
11:45	10:45	9:45	8:45
WWSB (428.3m-700kc) Journal (fire) Help skylark.			
12 mid.	11	10	9
WCSB (499.7m-600kc) Sunrise entertainers.			
1 a. m.	12	11	10
WFAA (475.9m-630kc) Palace Theatre features.			
1:15 a. m.	12:15	11:15	10:15
KOA (322.4m-930kc) Cathedral ballroom, Scheurman's Colorado orchestra.			

SUNDAY, MARCH 27
Church Services

Eastern	Central	Mountain	Pacific
10:30 a. m.	9:30	8:30	7:30
WGY (379.5m-790kc) Albany St. M. E. church.			
11	10	9	8
WIAS (379.8m-750kc) St. Boniface Catholic choir.			
12 m.	11	10	9
KTHS (374.8m-800kc) First Methodist church services.			
6:30	4:30	3:30	2:30
WIAS (379.8m-750kc) Choral Evensong, Christ Church Cathedral.			
8	5	4	3
WVSB (428.3m-700kc) First Methodist Church vesper services.			

Eastern	Central	Mountain	Pacific
7:30 p. m.	6:30	5:30	4:30
WGY (379.5m-790kc) Albany St. M. E. church.			
8:30	7:30	6:30	5:30
WTIC (475.9m-630kc) Zionist organization of America Banquet, Rabbi Stephen S. Wise.			
8:30	7:30	6:30	5:30
KPRC (296.9m-1010kc) First Christian Church service.			
8:40	7:40	6:40	5:40
WFAA (475.9m-630kc) First Church of Christ, Scientist.			
9:30	8:30	7:30	6:30
WMBH (250m-1200kc) Fifth Church of Christ, Scientist.			
9:30	8:30	7:30	6:30
WFAA (475.9m-630kc) Grace Methodist church service.			

Headliners

4:15 p. m.	3:15	2:15	1:15
WFIAD (275.1m-1090kc) Turnverein Little symphony.			
9	8	7	6
WFIAD (275.1m-1090kc) WFIAD concert company.			
9:15	8:15	7:15	6:15
WFAA (475.9m-630kc) WFI (374.8m-800kc) WEEL (348.6m-860kc) WGR (319m-940kc) WVIC (475.9m-630kc) WYAR (483.6m-800kc) WCCO (416.4m-720kc) WWJ (352.7m-850kc) WTAM (389.4m-770kc) WSD (545.1m-550kc) WTAG (545.1m-550kc) WRC (486.5m-640kc) WCAE (461.3m-650kc) WGN (392.8m-990kc) WSAI (325.9m-920kc) WIAS (379.8m-750kc) WWSB (428.3m-700kc) WSM (282.8m-1090kc) WGY (379.5m-790kc) WMC (499.7m-600kc) Edith Mason.			
9:30	8:30	7:30	6:30
WEMC (285.5m-1050kc) Chimes, choir; Gordon F. Haer, tenor.			
9:30	8:30	7:30	6:30
WGBS (315.6m-950kc) minstrel show.			
10	9	8	7
KMOX (280.2m-1070kc) Skouras Brothers Sunday night club.			
10:15	9:15	8:15	7:15
WLAS (374.8m-800kc) Music Lovers' Hour.			
11:30	10:30	9:30	8:30
WLAS (225.4m-1330kc) YMCA band.			
12 mid.	11	10	9
KTHS (374.8m-800kc) The Arkansas Traveler Radio Train.			
12 mid.	11	10	9
WFAA (475.9m-630kc) Amphion Male quartet recital.			

MONDAY, MARCH 28
Headliners

Eastern	Central	Mountain	Pacific
8:30 p. m.	6:30	4:30	4:30
WGBS (315.6m-950kc) Belgio string trio.			
9:30	7	6	5
WLAC (225.4m-1330kc) Marvin Foghes, pianist.			
9:15	7:15	6:15	5:15
WHA (535.4m-560kc) Readings from Wordsworth, Prof. C. F. Gillen.			
8:30	7:30	6:30	5:30
KWWG (277.6m-1080kc) Kalohow Ramblers orchestra.			
9:15	8:15	7:15	6:15
WHAZ (379.5m-790kc) H. P. I. Students' symphony.			
9:30	8:30	7:30	6:30
WOS (440.9m-680kc) "Pinatore," Central Missouri State Teachers' college.			
9:30	8:30	7:30	6:30
WFIAD (275.1m-1090kc) Bill Benning's ensemble.			
9:40	8:40	7:40	6:40
WWSM (319m-940kc) Billy Broussard and Louis Boyer, popular songsters.			
9:40	8:40	7:40	6:40
WRVA (256m-1170kc) J. Harold Lawrence, blind pianist.			
10	9	8	7
KTHS (374.8m-800kc) Meyer Davis Ensemble.			
10:15	9:15	8:15	7:15
WCOA (222m-1350kc) David Lloyd, tenor soloist.			
10:15	9:15	8:15	7:15
WWSM (282.8m-1090kc) Miss Mele Throne.			
10:30	9:30	8:30	7:30
WCOA (222m-1350kc) WCOA string quartet.			
10:30	9:30	8:30	7:30
WRVA (256m-1170kc) "The Four Deuces."			
10:30	9:30	8:30	7:30
KFAB (340.7m-890kc) Joss Williams-Duo Parcell.			

Eastern	Central	Mountain	Pacific
10:30 p. m.	9:30	8:30	7:30
KWSC (348.6m-860kc) Evelyn Sparlin, violinist.			
11:10	10:10	9:10	8:10
WBAF (475.9m-630kc) Grajevine Fiddle Band.			
11	10	9	8
WHAZ (379.5m-790kc) Campos Serenaders.			
11:10	10:10	9:10	8:10
KTHS (374.8m-800kc) Mrs. Natalie Arnoux, violinist.			
11:40	10:40	9:40	8:40
KTHS (374.8m-800kc) Mrs. Tommy Brown's and her ukulele festival.			

TUESDAY, MARCH 29
Headliners

Eastern	Central	Mountain	Pacific
7:15 p. m.	6:15	5:15	4:15
WGBS (315.6m-950kc) Harold Vee, violinist.			
7:30	6:30	5:30	4:30
CNRY (291.1m-1030kc) St. George's Dramatic Club, "All Tangled Up."			
8	7	6	5
WFAA (475.9m-630kc) Mack and Mike.			
8	7	6	5
WFAA (475.9m-630kc) Lab Ladies quartet.			
8	7	6	5
WFAA (475.9m-630kc) The World's Most Unfortunate People, Debra Alired Vivian.			
8:30	7:30	6:30	5:30
KPRC (296.9m-1010kc) Jack Willich's dance orchestra.			
8	7	6	5
KLDS (440.9m-680kc) Senor Zequias Madrigal, baritone.			
10	9	8	7
KPRC (296.9m-1010kc) Bridge game.			
10:30	9:30	8:30	7:30
KTHS (374.8m-800kc) Scotch and Irish songs.			
10:30	9:30	8:30	7:30
KWWG (277.6m-1080kc) Louis Bartlett, organist.			
10:30	9:30	8:30	7:30
WFAA (475.9m-630kc) Babe Musgrave, singing ballads.			
10:30	9:30	8:30	7:30
WHD (365.6m-820kc) Fred West and his Hawaiian.			
10:30	9:30	8:30	7:30
WLAS (225.4m-1330kc) Southern College of the Y.M.C.A.			
10:30	9:30	8:30	7:30
WFIAD (275.1m-1090kc) The Wisconsin Theatre review.			
11	10	9	8
CNRY (291.1m-1030kc) Capitoliens.			
11:30	10:30	9:30	8:30
KMIX (280.2m-1070kc) Ethel and Janis.			
11:30	10:30	9:30	8:30
KTHS (374.8m-800kc) Ethel Wilson, pianist.			
12 mid.	11	10	9
WFIAD (275.1m-1090kc) Modjeska Theatre Jesters.			
12 mid.	11	10	9
WFAA (475.9m-630kc) Enrique Rasoplo, Chilean viollo virtuoso.			

WEDNESDAY, MARCH 30
Headliners

Eastern	Central	Mountain	Pacific
8 p. m.	7	6	5
WLAS (225.4m-1330kc) Minnie Wilson program.			
8:10	7:10	6:10	5:10
WFAA (475.9m-630kc) The Fascination of Words.			
8:30	7:30	6:30	5:30
WFAA (475.9m-630kc) Law Teaching for the Layman, M. E. Pike.			
9	8	7	6
WIAS (379.8m-750kc) Signor Paolo Grosso, violinist.			
9	8	7	6
CNRY (291.1m-1030kc) Russian Ballads quiet.			
9:30	8:30	7:30	6:30
CNRY (291.1m-1030kc) Third Anniversary program.			
9:30	8:30	7:30	6:30
WLS (344.6m-870kc) All State program, Michigan.			
9:30	8:30	7:30	6:30
KMIX (280.2m-1070kc) American Legion program.			
9:30	8:30	7:30	6:30
CNRY (291.1m-1030kc) Old Time Plantation Melodies, The Schuberts.			

Eastern	Central	Mountain	Pacific
9:30 p. m.	8:30	7:30	6:30
WWSM (319m-940kc) Mrs. Dupue Harrison and associate artists.			
10	9	8	7
WWSM (262.8m-1090kc) Roberts White and Elizabeth Gray.			
10:30	9:30	8:30	7:30
KWSC (348.6m-860kc) Stella Frazer, pianist.			
10:45	9:45	8:45	7:45
WCOA (222m-1350kc) LaFette symphony.			
11	10	9	8
KTHS (374.8m-800kc) Shorter College colored jubilee singers.			
11:50	10:50	9:50	8:50
WRVA (256m-1170kc) Greenwalt-Tucker-Brinkley recital.			
11:50	10:50	9:50	8:50
KTHS (374.8m-800kc) Eastman Hotel orchestra.			

THURSDAY, MARCH 31
Headliners

Eastern	Central	Mountain	Pacific
6:30 p. m.	5:30	4:30	3:30
KFAB (340.7m-890kc) Hotel Lincoln orchestra.			
8	7	6	5
WFAA (475.9m-630kc) Psychology in Business.			
8	7	6	5
WGBS (315.6m-950kc) Oliver M. Saylor, author-critic.			
8:15	7:15	6:15	5:15
WLAS (225.4m-1330kc) J. Elam Derryberry, baritone.			
8:15	7:15	6:15	5:15
WFAA (475.9m-630kc) Cleveland Man for Apprentice training, Howard L. Briggs.			
8:30	7:30	6:30	5:30
KPRC (296.9m-1010kc) Southern Pacific Lines agricultural program.			
9:05	8:05	7:05	6:05
WVIC (475.9m-630kc) Capitol theater presentation.			
9:30	8:30	7:30	6:30

"TORCH OF YOUTH"

(Continued from page 9)

L EONORE—was she happy? What had life brought to Leonore? What had Leonore contributed to life? What would Leonore do with five hundred university girls to mother? Miss Matthews laughed. She would be amazed at the girls of today. Even at Chicago, Leonore was not sufficiently in contact with Youth to know what it was thinking and doing and trying to achieve. How differently it had been in the old days! Girls went to school to make the most of the opportunity to learn. The giddy social whirl had never interested Leonore any more than it had herself.

Prim? Perhaps, if one could call a reasonable amount of womanly reserve primness, why, she was prim. She wanted to be tolerant and sympathetic toward the ultra demands of modern youth and yet she must maintain a certain amount of dignity, which in these days might be called "prim." But even Miss Matthews had been somewhat infected with the more liberal demands of the young women. Sometimes she would like to have been given a real place in their intimate circles, but she was afraid she could not do this without sacrificing respect both of students and faculty. So she maintained a demeanor that belied, somewhat, the real spirit within her, a spirit of which she was just barely conscious. She had welcomed Wanda Nevens into her office as a student representative and extended toward the girl a feeling of fellowship that she felt more through intuition than she did from any material manifestation.

She stepped from the Illinois Central at Duaneville and faced into a breeze doubly chilled by its long sweep over the ice-bound shores of Lake Michigan. She turned up the collar of her beaver coat and her eyes filled behind the shell-rimmed glasses—gray-blue eyes, they were. Her hat was small, close-fitting and matched her coat. Her brown broadcloth skirt came halfway below her knees. But her stockings—hush! It was a cold morning and Miss Matthews dressed for comfort; besides, she wore gray spats.

As she drew near to her office in the tower of the administration building she passed several persons with newspapers either sticking out of their pockets or carried in their hands. She sensed an approaching storm. She felt sure of it as a young man, whom she recognized as a reporter, stared at her when she left the elevator on the fourth floor and entered

the narrow hall for the tower flight that took her to the dean's office, just above the roof of the building.

T HE girl secretary in the tiny ante-room gave her a note as she came in the door and verbally informed her that Mr. Blake had sent for her twice during the past hour. The girl also gave her a newspaper. She passed into her private office, where two telephones on her desk were both ringing incessantly. She snapped on the light to her desk lamp. But this hardly relieved the darkness of the room. The ceiling was high into the tower. Out of its depths draped deep shadows that hung down the corners and merged into Stygian darkness beneath the desk and chairs. The only exterior light came from narrow arched windows of leaded glass high in the room—they had been designed, more for their artistic effect from the ground than for utility within the room.

Miss Matthews spread the newspaper out on the desk before her as she reached for the receiver of the telephone nearest at hand. She saw in a three-column display of type, "Ivanhoe Monitor Gives Petting O. K." Her heart sank as she spoke into the transmitter.

With iron will she managed to hold her poise during the next eight minutes, but each minute turned a fadlag hair in her head to chalk white.

"What do I think of Miss Nevens' interview? . . . I haven't read it, what am I supposed to think about it? . . . What? . . . No, no, no. I don't believe she said it. . . . No, no, no. . . . What are you talking about? . . . Her exact words—no, I don't believe it. . . . Why, Wanda Wineweather Nevens is a well-bred and intelligent girl. . . . there must be something wrong. . . . Yes, she is student representative in my office. . . . the Pinks? Yes, I believe there is some such organization among some of the young women. . . . Imagine themselves kind of socialistic but quite a long way from being Reds. . . . I don't know. What is petting? . . . How ridiculous! . . . Me? . . . What have I to do with it? . . . I don't know the first thing about it. . . . Whatever do you mean by 'necking'? . . . This is atrocious. . . . I never heard of such a thing. . . . I must be excused, I haven't a moment's time for such nonsense. . . . No, she isn't here.

Why do you insist in dragging me into this thing; certainly I will not give you a picture. . . . No, I will not pose. . . . a flash in the hall. . . . I'll not permit it—never!"

S HE clicked the receiver on the hook and turned to the other instrument. It was another reporter. Another battery of amazing questions. Was it true that there had been a great deal of drinking and petting at the student parties? Did girls go riding around in automobiles with men students until early morning hours without there being any harm to it? Did Miss Matthews believe this conduct was to be permitted by the new era of womanhood. What did the Pinks mean by the "Torch of Youth"? . . . Was Miss Matthews a member of the Pinks? . . . This was too much; the dean slammed the receiver into its fork with a vehemence that made it ring.

Probably in all of her pure and conventional life Miss Matthews never had uttered a profane oath—never. But there comes a time when the devil seems to hold a merciless whip hand and the harried soul must find vent through some expletive beyond the usual and the trite. With both telephones still ringing and ripping her nervous system to shreds she sat with tense face and clenched hands trying to collect a coherent line of thinking. And suddenly two words escaped from her lips that caused her to blush. But they broke the tension and she began to see logically. First she took down both receivers and let the thwarted bells buzz on until they gurgled into silence. Then she signaled the operator and forbade any further calls on that newspaper article. Furthermore, she told the operator to locate Miss Nevens and ask her to come to the office immediately. Her next thought was to go at once to see Mr. Blake, but she knew that the interview must deal with the newspaper article and she had not yet found an opportunity to read it.

So she glanced again at the headlines with a mingled feeling of dread and curiosity. She wanted to know what the girls were thinking and saying and yet she felt that what they said would only reflect reproach on herself and her influence. But she delved into the article. It was long, a column on the first page and continued to the second. She quickly became ab-

sorbed. Even beneath the green sheen cast by the shade of her desk lamp rose tints crept into the high angles of her square cut face as her eyes swept down the column.

"I SPEAK only for myself, not for the university, nor even for the Pinks, although our views are very much in common," ran the quotation from Wanda Nevens as she discussed the case of Shirley Buckhaven and Nicky Sanders, both Ivanhoe students who had been piked up intoxicated in a raid on the Red Monkey Inn. The interview continued:

"Too much 'deplorable,' 'regret,' and 'shame,' are attached to the name of Shirley Buckhaven in this affair. Why pick on Shirley? We are quickly coming to a parting of the ways when the antiquated social standards established by the male of the species for the entire human race will have to be revised or discarded entirely. So far all the liberties have been for the men and all the restrictions have been for the women. This obviously is unfair and will not endure under our present enlightenment. The man has set himself as the mighty 'I Am' while the rest of us have been thrown into a single subordinate heap classified as 'women and children.'

"Suppose Buckhaven and Sanders did go out for a spree, who are you or am I to say that they should not? That is their business. If they dissipate their own physical powers they are doing so of their own volition. They are not children, neither of them. If Buckhaven suffers the most physically she has enough to endure without giving her a double dose of community wrath. Can you give me any good reason why she should be given any more of a black eye than Sanders? So far as I am concerned she is in just as good standing as she ever was. Did she get drunk? I do not know, nor do I care, except that I regret she had the bad luck to be caught in such a way as to be the victim of this annoying exploitation.

"Yes, and what about Sanders? Did he get drunk too? Good gracious! We'll have to drive him out of school. Isn't it just terrible—and we all thought he was such a nice boy. The shame will kill him. He'll never be able to live it down! Oh no, not before next week anyway.

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"Yes, I'm the one they call the Little Corporal of the Lady Pinks. We are studying our social problems as they exist today—not yesterday. We are trying to do our own thinking and adjust our morals to suit actual conditions of life, not theoretical or fanciful conditions. We are trying to deal with realities from a scientific and scholarly point of view, not with superstitious precepts.

"We are not sex-conscious as many people seem to think, although from a social point of view sex-consciousness is almost forced upon us. We just live our lives as we feel that we want to live—each in her own way. We aren't much different in that regard than men. Some of us have a wild streak and tread the paths of thrills and personal danger. Others of us don't care for that sort of thing and stick more to the older conventional ideals—not because we have a horror of the other but because we just naturally choose that course the same as some men choose to stick to a personal code of honor and ethics that works out for a mutual benefit.

"Petting, kissing and necking? Oh, yes, that is important. They're just terms, somewhat slangy, for the love drive that exists alike in all men and women who are normal physically and mentally. There is no denying its existence. Nor is there any use raising up any silly bogies about it. May a girl do these things and continue in good social standing? She should be able to and probably the time is not far distant when she may.

"But the whole question is so utterly personal with every individual that it is both presumptuous and preposterous to make any generally established rule about it. I believe that one may drink without becoming a drunkard and I believe one struck with love may experience the natural incidental consequences without being necessarily contaminated for life. It is best to be absolutely rational and not try to fool ourselves into thinking things that are so not so.

"Plain, honest thinking and living up to this simple truth may save many a life that otherwise would indeed be hopelessly ruined, especially when bound by law where true love does not exist. If we find we are in love then let us recognize the situation and contemplate it from an objective point of view.

"We must not make a joke of it. I do not mean to be flippant. I do not sanction promiscuous intimacy between men and women who have not considered well whether they are truly in love with each other. Nor do I condemn those who do not hold this same point of view. If we are in love we are in love but we do not have to be in love with every kind of a thing

that walks on two legs at any and all times. I think it is just as absurd to expect that, because we think we are in love we should rush ourselves off to some functionary who has the power to snap a dog collar around our necks and by a few mystical words called a marriage ceremony lock us together for life.

"Oh, I know, all this is forbidden. It isn't being done today but we who are the youth of this age are carrying the torch for those who follow and when we are the fathers and mothers our children will be living true, rational lives. Eventually the world will live up to the slogan, "be yourself."

"Right now we women want to get ourselves on an equitable basis with the other half of the adult human race. We have outgrown our childhood. We want men to realize that what is right for a man is just as right for a woman. Let men and women understand all that life means individually and in pairs before they start producing other humans. Let them have every experience if they think it necessary in their individual lives—and do not condemn them for it."

WOULD it never end? Miss Matthews read on and on then she turned the page. The girl must have been crazy. How could such ideas have cropped out in Ivanhoe? There were other more even more shocking theories on the next page. So this was the kind of trash the Lady Pinks were wading in! Strange she never had discovered how far this wave of discussion had progressed. How narrow a perspective of true life values! No wonder there were so many suicides in the beginning of the year 1927, a score in the first two months! What would Mr. Blake say? The thought rushed over her with a feeling of shame. She was glad she had gone on record as opposed to the tendency of indiscriminate sex discussions in unsegregated classes. Perhaps this was one of the consequences.

Tinga-ling-ling! She was on the point of making a rush for the door. She simply could not talk to another human being about this terrible affair. But the thing had to be faced. There was no escape, not even temporary respite for she knew she would be stopped in the hall below—perhaps flashed with a newspaper camera. She sat down again and lifted the receiver.

"The office of the dean of women, what is it please?"

Yes, her slender fleshless hand was shaking.

"Oh, yes, Mr. Blake. . . . But I really don't know anything about it, Mr. Blake. . . . I went to the . . . I most cer-

tainly do realize that, I merely— . . . but I am not in habit of leaving them without supervision, I only— . . . but you are unreasonable if you think I can be in every room and hear all that they talk about among themselves. Last night— . . . no, you are most unfair in making such a statement, Mr. Blake, as I have tried to explain— . . . but all that happened before last night and it would have happened just the same if I had been here . . . I did. I expect her in here any minute. . . . Indeed, she is coming in the door right now. . . . Yes, a denial, certainly, right away. . . . Yes, I will come down to your office when I have talked to her about it. I wanted to explain to you why I was not here last night; during the opera season—alright, I will explain that part of it when I see you."

Wanda stood, a shadowy figure, against the great door. The sable fur, ruffed about her neck, heightened the suggestion of a black panther in repose. Beneath the level lashes were infinite shadows of inky depths. Svelt muscle fibers ready to snap into steel sinews. Controlled power, docile to an intelligent will—Wanda Wine-weather Nevens was ready to purr or to fight.

EVEN MATHILDE MATTHEWS felt the electric tingle in this smallish person—a girl below the average height. Miss Matthews had never been

shamed of her own man's stature. She stood six feet high in gym shoes and was proud of it. In this respect she felt that she had one element of physical advantage and she stood up every inch of height that she had as she turned from the telephone and stood to face the girl at the door. It was a tense moment and for the space of a full sixty seconds neither spoke. Then Miss Matthews removed her glasses and wiped them slowly with her kerchief.

Somewhere in the drifting clouds above them the sun, fierce and angry at the cold defiance of cheerless winter, found a rift and instantly shot his icy white fingers down until the tips cut through the leaded panes of Miss Matthews' office and interposed a brilliant barrier between the two—a barrier that neither might ever cross, so long as youth is youth.

"You must know why I sent for you?" asked Miss Matthews.

"The newspaper interview?"

"Yes . . . I cannot believe that you have been correctly quoted?"

"In the main it is quite correct."

"My dear young woman, my dear Miss Nevens, why—are you, can you be in your right mind?"

"I believe I am, Miss Matthews. Did I say anything illogical?"

"It is all utterly incredible! It is inconceivable that such reeking rot could have been hatched from the mind of any

famous "Perfect" ONLY BELMINATOR \$4.75 Complete

Must Delight You—Or Your Money Back

Here's the announcement you have been waiting for. The amazing new "Perfect" "B" Battery Eliminator makes "B" Batteries obsolete. Costs much less than a set of cells (it's by far the lowest priced Eliminator ever offered) and it ends plate current troubles forever.

Hooked Up In 60 Seconds

No mechanical knowledge necessary to connect the "Perfect" Eliminator. Hook it up just as your old batteries were connected. And then sit back and get the greatest radio thrill you've had in years. Nothing to do but enjoy the music. No "frying" noises caused by run-down cells. Sharper tuning—more power because of the steady, powerful flow of current through the tubes.

Completely Equipped And Assembled—Nothing Else to Buy

No "extras" of any kind to buy. The amazingly low price—\$4.75—covers everything. No "bulbs" to break or wear out. No moving parts. A solidly built, permanent addition to your set, all ready to plug in. Works perfectly on ordinary house current, either alternating or direct. Gives power up to 90 volts, using the full wave of the power supply. Operates any set up to seven tubes.

Needs No Attention

Once hooked up it works automatically. Just attach it and forget it. Milliamperes supply twice as great as any other eliminator. Only our direct sale method, cutting out the retailers' and jobbers' profits, makes this amazingly low price possible.

Rush Order Today—Ten Days' Trial

Pin a dollar bill to the coupon and mail it to us today. The postman will deliver your "Perfect" Eliminator within a few days. Pay him the balance due (\$3.75 plus a few cents postage). Plug in the eliminator and use it for ten days. If not more than satisfied with results, return it and get your money back. Act NOW and become one of our thousands of enthusiastic users.

PERFECT ELIMINATOR CO., 1 T-21 National Theatre Bldg., Cincinnati, Ohio.

I attach \$1.00. Please send "Perfect" Eliminator to me C. O. D. for balance (\$3.75 plus a few cents postage) on your Guarantee as stated above.

Name Address Town State

The PERFECT Trickle Charger, for either "A" or "B" Batteries, only \$3.95 (plus few cents postage). Send \$1.00 with order—balance C. O. D. Satisfaction guaranteed or money refunded.

Reference: Pearl Market Bank, Cincinnati. Perfect Eliminator Co. T-21 National Theatre Bldg., Cincinnati, O.

Blue Ribbon 5 TUBE NEODYNE RADIO KIT-COMplete Only \$16.95 Can be built in 2 hours FREE! GENUINE 20 INCH ERLA CONE LOUD SPEAKER & 5 TUBES Latest 5-tube circuit designed by one of the foremost radio engineers in the country. Clear and realistic reception guaranteed. Solid bakelite panel and sub-panel. Panel beautifully engraved. Sub-base marked for all connections. 2-dial control; Kurz-Kasch bakelite indicator knobs. New type UX sockets. Low ratio transformers for improved tone quality. All hook-up wire and colored battery cable included. Tubes are 201-A type, tested and matched. Value \$60.00; our price \$16.95. Complete Set of Simple Plans and Directions to Build Very easy to build this set with the plans and instruction we furnish. No complicated drawings. Can be built in two hours. Instruction for operation also included. Make money by building these sets in your spare time and selling them to your friends. MAKE MONEY IN YOUR SPARE TIME! SEND NO MONEY Just write your name and address on a post card and ask us to send you this great kit together with the Erla Cone loud speaker and 5 tubes. We will ship them right away. When they arrive, pay only \$16.95 plus a small delivery charge. That is all. Write today to RADIO EQUIPMENT CO., Dept. D, 748 N. Clark St., Chicago, Ill.

less, the facts as stated in the interview are not only my own beliefs but the beliefs of many others, in this university and other educational institutions where young humans—especially women—are learning to think things out for themselves.

"Where do you get such ideas?"

"The foundations for rational thinking are taught in the regular text and reference books."

"I challenge that statement, Miss Nevens. You have disgraced us all, and me especially."

"By recognizing truths and acknowledging them?"

"It is salacious."

"Not necessarily. We speak plainly here when we discuss stimuli and results."

In her heart Miss Matthews felt the surge of a revolt that she knew must come. It had been her contention that the human organism was being banded about as a curious piece of machinery too freely by minds too immature to grasp deeper and more significant perspectives pertaining to its functions.

"I think we had better both sit down and go over the whole thing carefully, my dear," Miss Matthews sat down and indicated a chair near her desk, its back in the rays of the sun that now filtered

into the room steadily. Wanda loosened her wrap and sat down.

In the next installment of the Torch of Youth we find Wanda and her chum, Stella Gwynne, face to face with a test of their theories. You will be thrilled at the surprising turn of events and at some of the malign influences that often creep into a great university. See the Radio Digest of April 1.

The Reader's View

Stations—Read This

After reading, with interest, the letter of Robert Klein, Allentown, Pa., under the inquiry "How Many Ekko Stamps Have You?" in your "The Readers' View" department, I was overjoyed to see that there is still a few Ekko Stamp collectors left beside myself.

Modesty forbids me answering Mr. Klein's question, but I will say this much: if I had all the stamps in that I have been waiting six to eight weeks for since writ-

ing various stations, they in themselves would form a pretty fair collection. One of the strange things about broadcasting stations is that the ones which yell the loudest about your writing them are the slowest people on earth to reply to you.

Just one month ago I received a reply from WMAF to a letter I had written them in January 1925, nearly two years ago, and that you must all admit shows some speed.

Another pleasant thing about Ekko Stamp collecting is the fact that some stations think they know more about what you are collecting than you do yourself; they fondly imagine that what you want and should have is a collection of cheap advertising stickers of assorted sizes and that's what they send you for the dime you send them for an Ekko stamp.

The printed block in an Ekko Stamp Album, for each stamp is 1 1/4"x1 3/4", so it is an easy matter to figure just how well the private stamp of WMCA, which is 1 1/4"x2 1/4", or that of WCOA, which is 2 1/4"x2 1/4", would look on a page of such printed blocks, and also just how overjoyed any Ekko stamp collector is when he receives one of these misfits.

I recently sent to Station WLAC and received a stamp of their own, size 1 1/4"x 2 1/4", showing on it a building which it states was built by thrift. The station is called the "Thrift Station." If enough people send them dimes for Ekko stamps no doubt they will soon be able to build another building by thrift.—Wm. J. Perry, 3152 N. 27th St., Phila., Pa.

Send Us an Interference Survey Blank

Well, at last, the Radio programs are becoming as thick and punk as I fully expected they would when the broadcast stations were given the opportunity to jump all over the Illinois. We poor suckers out here that paid high prices for Radio sets might as well dump our sets in the junk pile this winter.

It is a fright out here. Everyone who sells beans, prunes or flea remedies are operating a station, it seems, and of all the squeals and rumbles from broadcasting stations I ever heard it is the limit.

I hope you can bring about some relief through your good magazine. At least I am sure you can open a few of their eyes.—R. C. H., Rowan, Iowa.

Bradley-Amplifier
Resistance-Coupled
PERFECT AUDIO AMPLIFIER



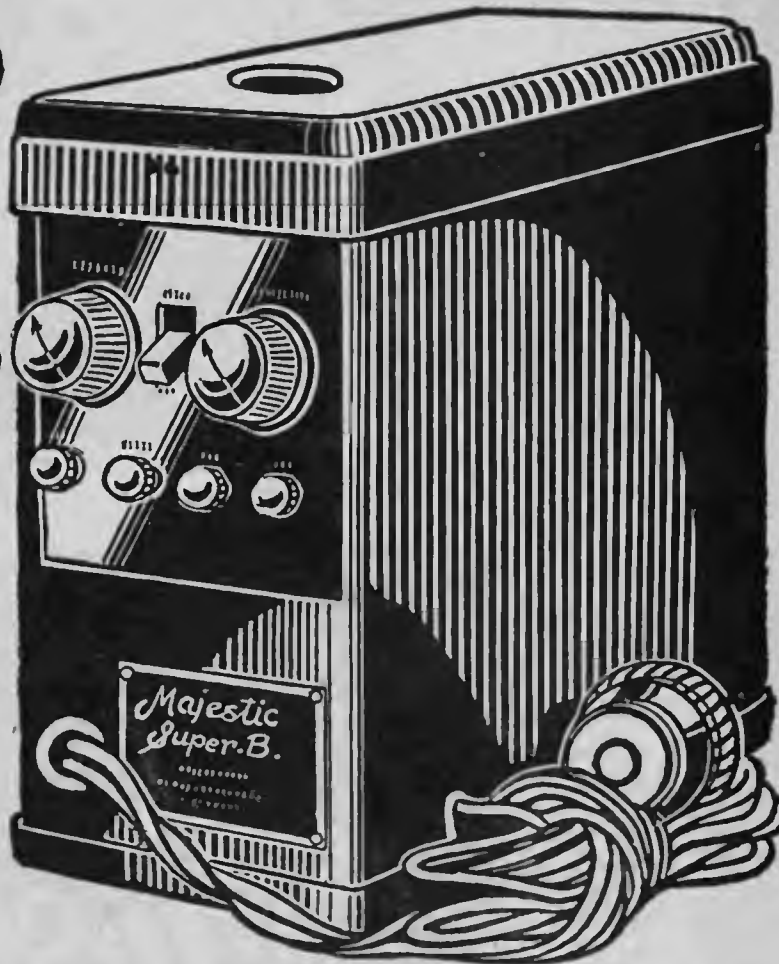
Provides audio amplification with minimum distortion. Handbuilt, shielded resistors used in the Bradley Amplifier do not vary with age and are not affected by atmospheric conditions. Can be used to replace transformer amplifiers in standard radio sets with decided increase in tone quality.

Allen-Bradley Co.
Electric Controlling Apparatus
290 Greenfield Avenue Milwaukee, Wis.

No More "B" Batteries on Your Radio

At last a practical reliable "B" battery eliminator for your radio. Does away with "B" batteries; no charging; no replacing. Always 100% efficiency in "B" current. The most revolutionary development in radio.

1-Year Guaranteed
Majestic "B" Eliminator
Sent for only



The Majestic is connected to your radio just like "B" batteries and attached to an ordinary electric socket. (For 1 to 12 tube radios.) Replaces "B" batteries entirely and furnishes "B" current direct from regular house lighting current. Simplifies radio receiving. More efficient than dry or wet "B" batteries. Entirely noiseless. Operates from 110 120 AC, 50-60-cycle current.

Cabinet finished in rich black crystal enamel. Dimensions: 10 1/4 inches deep by 5 1/2 inches wide by 9 inches high. Weight: 20 pounds net; 25 pounds packed. Bakelite Panel. Complete with extension cord and attachment plug. One RAYTHEON tube with G-G-H protective packing. Packed in individual padded wire-bound wood cases.

1-Year Guarantee
Majestic Eliminator and RAYTHEON tube are both guaranteed for one year against electrical and mechanical defects. A printed guarantee enclosed with each unit.

\$5.00 a Month, If Satisfied After Trial

Only \$1.00 with the coupon brings the Majestic "B" Eliminator to your home on trial. Try it out thoroughly before you pay another penny. See how it improves reception. See how much more convenient than using batteries. Judge for yourself how it will save you money and make your radio set more enjoyable. Then, if not satisfied, send it back at our expense and we'll refund your \$1.00 plus all transportation charges. If you decide to keep the Majestic "B" Eliminator, start paying only \$5.00 a month until you have paid the total price of only \$35.00. That's the price others ask for spot cash. We give you the lowest cash price on easy monthly payments you will never feel.

Send Coupon

Don't miss this opportunity to get the 1 year guaranteed Majestic "B" Eliminator at the rock-bottom cash price on easy monthly payments. Send coupon now while this offer lasts. Order by No. Y8789A, \$1.00 with coupon; \$5.00 a month; total price \$35.00.

Straus & Schram, Dept. R-9413 Chicago, Ill.

.....

STRAUS & SCHRAM, Dept. R-9413, Chicago

Enclosed find \$1.00. Ship special advertised Majestic "B" Battery Eliminator. I am to have 30 days free trial. If I keep it, I will pay you \$5.00 monthly. If not satisfied, I am to return it within 30 days and you are to refund my money and any express charges I paid.

Majestic "B" Battery Eliminator, No. Y8789A, \$35.

Name.....

Street, R. F. D. or Box No.....

Shipping Point.....

Post Office..... State.....

Married or Single..... Nationality or Color.....

1,000 MILES
and more by daylight is the reception obtained on a one dial Atwater Kent radio with the W. P. Volume Booster. Requires no battery current. Lasts the life of a radio.

As the name implies it is truly a Volume Booster. It will bring in stations by day or night that never could be heard without it. The range and volume increase will run as high as 200% and more.

Can be attached or detached by anyone in one minute. No drilling or cutting.

We Guarantee Increased Range Volume Battery Life Tube Life

Price \$7.50. Money back if you are not satisfied. If your Atwater Kent dealer cannot supply you, order direct. C. O. D. or Cash with Order. We pay postage where cash accompanies order.

When ordering direct from us, mention name of your nearest Atwater Kent dealer.

WEGNER-PIRWITZ CO.
MARSHFIELD, WISCONSIN

GET DISTANCE
AMAZING DISCOVERY FOR ANY RADIO

Why confine your radio programs to a few local stations when the expensive concerts, dance music and lectures of hundreds of big cities are ready for you? With every order for our treatise "The Distance Getter" we include FREE our wonderful new Distance Transformer. Use your set according to our special instructions, and receive the distant stations roll in!

SATISFACTION GUARANTEED

Your money instantly refunded if you are not satisfied. The attachment furnished FREE with "The Distance Getter" alone is worth the price. Of the attachment Galloway of Chicago writes: "Results beyond all expectations. Cuts thru locals like a knife." Homes of Peoria, Ill., says "Send three more for my friends. I get Dealer and California easily."

MAIL COUPON TODAY

HAZLETON LABORATORIES
454 Maiden St., Chicago, Ill.

Send me "The Distance Getter" postpaid. Enclosed find \$1.00 (M. O., stamps or check).

Send C. O. D. plus small postage added.

Name.....

Address.....

City..... State.....

RADIO LAW OF 1927 LISTS MANY POINTS

HIGHLIGHTS FROM NEW ACT PROTECT LISTENERS

Specify "Purity and Sharpness," Limit of Power—Regulate Chain Program System

Following are some of the high point excerpts from "The Radio Act of 1927:" The Act is intended to regulate all forms of interstate and foreign radio transmissions within the United States, its territories and possessions; to maintain the control of the United States over all channels of interstate and foreign radio transmission; and to provide for the use of such channels, but not the ownership thereof, by individuals, firms, or corporations, for limited periods of time, under licenses granted by Federal authority, and no such license shall be construed to create any right beyond the terms, conditions and periods of the license.

That a commission is hereby created and established to be known as the Federal Radio Commission, which will be composed of five commissioners to be appointed by the President, by and with the advice and consent of the Senate, and one of whom the President shall designate as chairman; Provided, that the chairman thereafter shall be chosen by the commission itself.

One to a Zone

Not more than one commissioner shall be appointed from any zone. No member of the commission shall be financially interested in the manufacture or sale of radio apparatus, or in the transmission or operation of radiotelegraphy, radiotelephony or radio broadcasting. Not more than three commissioners shall be members of the same political party.

The first commissioners shall be appointed for the terms of two, three, four, five and six years, respectively, from the date of the taking effect of this Act, the term of each to be designated by the President, but their successors shall be appointed for terms of six years.

The members of the commission shall receive a compensation of \$10,000 for the first year of their service . . . and thereafter a compensation of \$30 per day

for each day's attendance upon sessions of the commission or while engaged upon work of the commission . . . and necessary traveling expenses.

Duties of Commission

The commission shall—
Classify radio stations;
Assign bands of frequencies or wave lengths to the various classes of stations . . . and for each individual station determine the power which each station shall use and the time during which it may operate;

Determine the location of stations;
Regulate the kind of apparatus to be used with respect to purity and sharpness of emissions.

Make such regulations not inconsistent with law as it may deem necessary to prevent interference between stations—
Provided, that changes in the wave lengths, authorized power, in the character of emitted signals, or in the times of operation of any station, shall not be made without the consent of the station licensee unless, in the judgment of the commission, such changes will promote public convenience or interest or will serve public necessity.

Have authority to establish areas or zones to be served by any station.

Regulate Chain System

Have authority to make special regulations applicable to radio stations engaged in chain broadcasting.

From and after one year after the first meeting of the commission all the powers and authorities vested in the commission, except as to the revocation of licenses, shall be vested in and exercised by the Secretary of Commerce.

In considering applications for licenses and renewals of licenses the licensing authority shall make such a distribution of licenses, bands of frequency or wave lengths, periods of time for operation and of power among the different states and communities as to give fair, efficient and equitable radio service to each of the same.

License Good Three Years

No license granted for the operation of a broadcasting station shall be for a longer term than three years . . . and license granted may be revoked as hereinafter provided.

If any licensee shall permit any person who is a legally qualified candidate for any public office to use a broadcasting station, he shall afford equal opportunities to all other such candidates for that office in the use of such broadcasting sta-

FAMOUS MYERS TUBE SOON FOR SALE AGAIN

Double End Tube Factory Buzzes Under New Owners

CLEVELAND, O.—You remember the famous old Myers tube and how it stepped around them all when used for certain purposes? Sure you do. And now, listen, the Myers tube company is on the "up-and-up."

It has been reorganized here, as the Myers Radio Tube Corporation, and the new owners already have begun operation of the plant. The same standards of manufacture and inspection, which years ago spread the name of Myers afar, will be maintained. New and improved tube making equipment has been installed, and only high quality radio tubes will be produced.

WOC Dedicates Green Studio at Davenport

DAVENPORT.—Decorators have just turned over the new Green Studio to Station WOC. This will be the fourth in the suite of studios now being used by the Palmer station. The other studios are called the Red, Blue and Oriental rooms. Visible audiences may witness the artists at work through a balcony outside of a double plate glass window. The Moline Plow Boys officiated in the dedicatory program for the new addition. Besides these four studios permanent broadcasting facilities have been established in the Palmer School Auditorium, where bands, choirs and similar large groups may be accommodated. Thousands assembled here to listen to President Coolidge's Washington Birthday speech through the special amplifiers.

ALL AMERICA VOTES

(Continued from page 15)

Austin T. Streeter, 536 Mill st., Conneaut, O. WJB, WEAF, WOC, WJZ, WTAM, WGY, WJW, WLS, WBS, WPG.
E. J. Swier, E. 1, Yakima, Wash. KTBI, KTAD, KQW, KGW, KPO, KLX, KPI, KOA, WOW, WSL.

Fred Wm. Poerster, 1467 30th st., Milwaukee, Wis. WHT, WGN, KFI, WEAF, WGY, KOA, WJZ, WLW, WSB, WOAI.

W. N. Wharton, 1125 Idlewood ave., Richmond, Va. WLS, KDKA, WBS, WCB, WEAF, WPG, WSB, WJZ, WRVA, WGY.

Louis E. Knifong, Dubora, Wyo. KOA, KFAB, KFKN, WOW, WIO, KVOO, KSL, WLS, KFI, WCCO.

Pearl E. Logan, Stockwell, Ind. WLS, WLW, KYW, WOC, KDKA, WGN, WJJD, WHT, WMAQ, WJZ.

Carl E. Joseph, 28 Linden ave., Collingswood, N. J. KDKA, WJZ, KFI, WJAZ, WLW, WSB, WEBB, KOA, WEAF, WIP.

Fabien Blanchette, 42 Grove st., Biddeford, Maine. WOSH, WJZ, KDKA, WLS, WBS, WPG, WEAF, WTAM, WBBM, WJY.

A. O. Ugland, 7716 Nelson st., New Orleans, La. WEAF, KDKA, WSMB, WGN, KFAB, WCB, KFKN, KOA, WFAA, WOC.

New Orleans to Billings

M. J. Kennedy, 3513 Montana ave., Billings, Mont. KMA, KGO, KFI, WOW, KOIL, WIO, KFWI, WBBM, WDAF, WHT.

J. L. Moorman, 2411 Depahn st., Orlando, Fla. WJZ, WSB, WIO, WBBM, WPG, KDKA, WSMH, WOAI, WSAI, WBDO.

Wilson C. Reis, 129 1/4 W. Elm st., Lima, O. WJW, KDKA, WGY, WSMB, WSAI, WLW, WEAF, WJZ, WEBB, WCX. ("It's getting worse each night. Help! Hurry!")

W. A. Steich, Box 746, Halifax, Nova Scotia, Canada. WJZ, WEAF, WGY, KDKA, WPG, WBS, WRC, WCCO, KOA, WIT.

A. L. Dietrich, 810 Broadway, Nashville, Tenn. KDKA, WEAF, WGN, WJZ, WLW, WOC, WOAI, KFI, WCB, WSM.

Fred E. Lininger, 3235 N. Second st., Harrisburg, Pa. WLS, WSB, WEAF, KDKA, WJAX, WCB, WJR, WJZ, WLW, WGN.

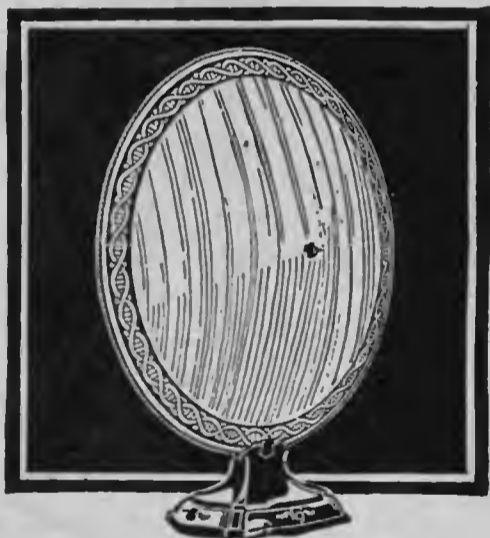
Idalia Likes Shenandoah

John C. Hinghey, Idalia, Colo. KFNE, KMA, KMMI, KOA, KLZ, WLS, KSO, KGEK, WOAI. (First three my choice.)

Frank W. Powell, Rozel, Kans. KMA, KFNE, KFKN, WOC, WOS, WOAI, WLW, KFI, WCCO, WEAF.

George W. Ballard, 270 Lincoln st., Portland, Ore. KGO, KOA, KPO, KFI, KQW, KOMO, KID, KOWW, KEX, KROW.

(Continued on page 30)



Senior Model
\$32.50

Junior Model
\$16.50

Slightly higher
west of Rockies

They all follow FARRAND

A score of imitative cones follow in the wake of Farrand leadership. If it were merely a matter of eye-value, your choice might well be confused. But the judgment of your ears will narrow the choice, unhesitatingly, to a Farrand. For Farrand tonal quality, while a delight to the listener, is the despair of the imitator! Hear. Compare. At all better dealers.

Farrand Speaker

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

A&B Battery \$2 Charger ONLY

SATISFACTION GUARANTEED

THIS wonderful charger—the sensation of the entire radio industry—charges any type of storage A or B battery, using only a few cents worth of ordinary house current. Works perfectly on either alternating or direct current.



Cannot possibly injure your battery, and will last for years. Many radio fans find it a tremendous success as a trickle charger. Complete and simple directions enclosed with every charger, so that anyone can operate it. There are absolutely no expensive "extras" to buy.

Why pay \$10.00 to \$15.00 for a charger when you can get this splendid GUARANTEED R. B. Charger by simply signing the coupon below and mailing it to us with two dollars (bills, money order, check or stamps) plus 10c in stamps or coin to pay mailing costs. The charger will be sent post-paid. If, for any reason, you should not be perfectly satisfied, return the charger within five days and we will refund your money.

PROOF!

"Your \$2.00 Battery Charger is the best radio investment I ever made in my life."
E. M. Fields, Mich.

"I would have thought I had a bargain in your Battery Charger if I had paid double your low price of \$2.00."
R. J. Wood, Penna.

"Congratulations on your Battery Charger. Mine works perfectly."
E. C. Albion, Ohio.

"Not only is yours the lowest priced, but it is the best Battery Charger I ever saw."
N. Garkinkle, Texas.

Mail the coupon at once—TODAY

R. B. SPECIALTY CO.,
Dept. H-22, 318 Sycamore Street
Cincinnati, Ohio

Gentlemen:
Enclosed is two dollars, plus 10c for postage. Send me one R. B. Charger with full instructions. It is understood that if I am not satisfied with the charger, I may return it within five days and you will refund my money.

Name.....
Address.....
Town..... State.....

R. B. SPECIALTY CO.
Dept. H-22, 318 Sycamore St.
CINCINNATI, OHIO

CLASSIFIED ADVERTISEMENTS

BOOKS

"Howdy Judge," George Dewey Hay's famous book of one hundred laughs, based on happenings in the Memphis Police Court. Admirers of Mr. Hay, formerly of WMC and WLS, now of WSM, will admire the character sketches penned by this champion announcer. \$1.50 through Radio Digest BOOK DEPT., 510 N. Dearborn St., Chicago.

BROADCASTING STATION WANTED

Wanted—price on good used 500 to 1,000 watt transmitting equipment. Cas Edwards, Alpine, Texas.

CABINETS

Cabinets—Big surplus stock of two sizes, 7x16 and 7x14, stained mahogany. Only \$1 each (add 50c for packing and postage). Bronstein's Pharmacy, 4600 Lincoln Ave., Chicago.

DOGS

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

HELP WANTED

Earn \$25 weekly, spare time, writing for newspapers, magazines. Experience unnecessary. Details FREE. Press Syndicate, 1263, St. Louis, Mo.

We pay \$48 a week, furnish auto and expenses to introduce our Soap and Washing Powder. BUSS-BEACH COMPANY, Dept. A-186, Chippewa Falls, Wis.

MAPS

New Radio Maps. We are now able to supply our readers with new radio maps, showing location of stations, list of all stations by call letters. Come folded in cover, but may be used for pasting on cardboard. Size 28x34". Send 25 cents stamps or coin to Shopping Service, Radio Digest, 510 N. Dearborn St., Chicago, Ill.

PATENT ATTORNEYS

PATENT ATTORNEYS

PATENTS. Booklet free. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, 724 Ninth St., N. W., Washington, D. C.

RADIO

NEW RADIO WITHOUT BATTERIES. Why waste several hundred dollars when you can get all the radio you want on a Lambert costing only \$2.95 postpaid. Big stations 600 miles away come in loud. Needs no tubes or batteries. 250,000 homes already have them. Order direct from this adv. Crystal Radio Company, Wichita, Kan.

Change your phonograph into a loud speaker with the Fultone Unit for only \$2 C. O. D., or postpaid if cash accompanies order. Bronstein's Pharmacy, 4600 Lincoln Ave., Chicago.

Something new in aerial wire. The **RAND**—ALL BRIGHT—ALL RADIAL WIRE. For longer distance with more volume. Try it and your antenna troubles will be solved for years. Write today, 100 ft. \$1.00 postage prepaid. Rand-All Radio Service, 724 E. 38th St., North Portland, Oregon.

For those who are unable to obtain radio parts or accessories from your local store, the Radio Digest Shopping Service offers its services. Send in your wants. For quick service include list price of merchandise wanted. Shopping Service, Radio Digest, 510 N. Dearborn St., Chicago.

We have an oversupply of the famous Fultone loud speakers which we are disposing of at only \$4.95 C. O. D., or postpaid if cash accompanies the order. Bronstein's Pharmacy, 4600 Lincoln Ave., Chicago.

The new and improved Proof of Reception Cards are the most practical and convenient proof of reception of those distant stations. Contains spaces for complete reception record, dial settings, call letters, stamps and signature of announcer. Handy size, 3x5 inches. 150 for \$1 or send 25 cents (stamps or coin) for sample package. Shopping Service, Radio Digest, 510 N. Dearborn St., Chicago, Ill.

SALESMEN WANTED

A **PAYING POSITION OPEN** to representative of character. Take orders shock-hosiery direct to wearer. Good income. Permanent. Write now. Tanners Shoe Mfg. Co., 2-707, C St., Boston, Mass.

ALL AMERICA VOTES

(Continued from page 29)

John J. Radick, 209 Clinton ave., Albany, N. Y. WGY, WJZ, WEA, WBE, KDKA, WLS, WBBM, WLW, WTAM, WSB.

California Registered

L. G. Chavez, 1762 W. 51st st., Los Angeles, Calif. KFI, KNX, KHJ, KPO, KGO, KOA, KGW, KJR, KFSD, KSL.

W. C. Ikerd, 3500 Birchwood ave., Indianapolis, Ind. WJZ, WGY, KDKA, WPG, WLW, WLS, WSM, WSMB, WWJ, WOC.

George E. Haywood, Box 16, Sheridan, Wyo. KOA, KFI, KFAB, KFCK, KGO, KIU, WBAP, WDAF, WEA.

Wm. Sneller, Rossville, Kans. KFNF, KDKA, KMA, KFAB, WDAF, KOA, WBBM, KFI, WGN, KFCK.

E. O. Patrick, 1006 Brandor ave., Norfolk, Va. WJZ, WBE, WGY, KDKA, WLS, WLW, KTHS, WOC, WBAL, WEBL.

Frank C. Brito, Box 374, Las Cruces, New Mex. KOA, KFCK, KOB, WRNY, KPO, WLS, KFAB, WOAI, WHO, WDAF.

Stanley J. Martin, 93 Delaware ave., Delhi, N. Y. WGY, WJZ, WBE, WMSG, KDKA, WCX, WLS, WBBM, WEA, WLW.

M. Kipps, 213 E. 6th st., Concordia, Kans. WOV, WHIO, KFTB, KFAB, KFCK, WOAI, WSMB, WBBM, WDAF, KV00.

Mrs. G. E. Peterson, Stratford, Ia. KMA, WOC, WOV, WHO, KFNF, WOI, WDAF, KMOX, WOAI, WLS.

INSIDE AERIAL

DISTANCE-SELECTIVE-NOT-A-LOOP HUNG HEAD CEILING. USE AND GIVE—30 FT. STRANDED COPPER WIRE. NOT AFFECTED BY WIND, RAIN, SNOW OR LIGHTNING. Endorsed by Radio News and Popular Radio. \$5 Postpaid or \$2.50 Postpaid if you send us 4 addresses of radio set owners. INTER-STATE SIGNAL CO., Dept. 1, COLUMBUS, OHIO

\$1.50 WE HAVE IT, FANS! \$1.50

Nu-Life radio tube renewer works from batteries of your set. No city lighting current used. Two Models, Model 201-A renews UV201-A, UX-201-A, C301-A, CX301-A and similar tubes. Model 199 for renewing UV199, C299 and similar tubes. State type of tubes used. Guaranteed or your money back. Sent postpaid on receipt of \$1.50 or C. O. D. plus postage.

W. E. LARIVEE & CO. 4136 Brush St. Detroit, Mich.

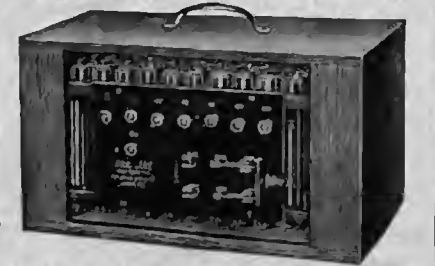
New Radio Without Batteries

Wichita, Kansas.—The Leon Lunnert Manufacturing Co., Box 227-R, of this city, is putting out a new 600-mile radio which requires no tubes or batteries and sells for \$2.95 postpaid; 250,000 homes already have them. They will send folder, picture and convincing testimonials of this wonderful set free. Write them.

American Radio Now—50% DISCOUNT ON BIG NEW 1927 CATALOG-FREE

Dealers, Agents, Set Builders—get our big 1927 Catalog—225 nationally advertised lines. Lowest prices in America! Largest, most complete book. Radio's latest developments. It's FREE—send for your copy now. AMERICAN AUTO & RADIO MFG. CO., Inc. 1547-C McGee Street, Kansas City, Mo.

DEPENDABLE "B" BATTERY POWER



100-Volt Edison Element—Non-Destructive. Rechargeable "B" Battery with Charger. Shipped dry with solution, \$12.00. 140-Volt with Charger, \$17.00. Send No Money—Pay Expressman Write for our Free Illustrated 32 page Booklet SEE JAY BATTERY COMPANY 919 Brook Avenue, New York City

DOUBLE DISTANCE AND POWER NEW TUBE

We guarantee this tube to double your range or money refunded. This tube has proven to be six times as sensitive as an ordinary 201A tube. The Prexto tube is making records for distant reception. Proof from everywhere. Insert tube in detector socket and set is ready for operation. 3,000 hours of use guaranteed. Try at our risk. 25,000 sold in four weeks. Send \$2.00 plus 10c postage. Money refunded if not satisfied. Order today. Prexto Mfg. Company Dept. R. D.-2 Beaumont, Texas



K. F. Borden, 2306 S. 4th st., Ponca City, Okla. WBBM, WLS, WJZ, WHO, KFI, WGN, WHT, KDKA, WOC, KMOX.

James R. Rogers, 128 Fowler av., Hopkinsville, Ky. WFIW, WSM, WLS, KDKA, WSMB, WJZ, WBAP, WHO, KSD, WDAF. Margaretha L. McDonald, 20 Kilbuck st., Emaworth, Pa. KDKA, WCAE, WJAS, KQV, WJAX, WHT, WLS, WBAP, WJZ, WEA.

Another List Coming And these are just a drop in the bucket. But each ballot is to be recorded and each station given its tally. There is still a chance to vote, if you have not already done so. If you have made your own choice, do not forget to give the ballot in this copy of your Radio Digest to some other Radio fan who has not voted and may not be able to obtain a copy of the magazine from the stand.

Another representative ballot report will be published in the next issue of Radio Digest.

HAYNES' RADIO LOG

"In a Class All Its Own"

In spite of free logs galore, you should know the marvelous efficiency, accuracy and value of one perfected by an expert. It's so different, you must use one to learn its numerous advantages. Then you will use no other.....25c

HAYNES' RADIO LOG

111 W. Monroe Chicago, Ill.

BETTER RADIO RECEPTION

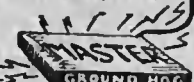
Tells you how you can quickly locate on your dials any station your set will reach, thereby eliminating squeals and howls of "hit or miss" and "remember" methods of tuning. **SPRING 1927 ISSUE NOW READY** Gives complete station information cross-indexed, three ways, map and "Radio Doctor". At your Dealer or postpaid on receipt of 65 cents. The Wayne Andrews Co., Inc. 302 Central Bldg., Ft. Wayne, Ind.



MORE THAN AN ORDINARY LOG BOOK

MASTER GROUND HOG DOUBLES POWER AND DISTANCE

Officially approved by five nationally prominent Radio Laboratories. Lasting chemical within "MASTER GROUND HOG" give a permanently wet copper ground. With 176 square inches of surface, "MASTER GROUND HOG" has sufficient capacity to pick up the weakest ground signals from distant Radio Broadcasting Stations and to convey away from your set local interference which is often attributed to static. "MASTER GROUND HOG" doubles power and distance, prevents fading signals, stops leakages, eliminates crackling, and improves reception 100% even in mid-air. Send your name today and we will mail "MASTER GROUND HOG". You can pay postman \$5.00 plus postage or send \$5.00 and save postage. We guarantee to return this amount if you are not more than satisfied. Additional information kindly furnished on request. We want local representation—exclusive territory—Write or offer. Manufacturers' Specialty Supply Co. 1807 Federal Reserve Bank Bldg. KANSAS CITY, MO.



Bradleyometer

THE PERFECT POTENTIOMETER Uses graphite disc resistors which are noiseless and not affected by atmospheric conditions. Metal parts are nickel plated. One hole mounting. Finish and knob match Bradleystat. Made in 200 and 400 ohm ratings.



Allen-Bradley Co.

Electric Controlling Apparatus 290 Greenfield Avenue Milwaukee, Wis.

"B" BATTERY ELIMINATOR

Only \$7.95 **MONEY-BACK GUARANTEE** No more worry with "B" Batteries! Hook up a Roll-O "B" Battery Eliminator and forget battery troubles forever. This wonderful new invention means better reception, sharper tuning. Gives you more real pleasure from your set. Completely Equipped—No "Extras" to Buy Operates perfectly on direct or alternating current, giving up to 90 volts current, and using the full power of the power supply. Simple directions enclosed—anyone can plug it in to any kind of set up to six tubes. Constant voltage gives set more power. Costs no more than set of good "B" Batteries. Solidly built in beautifully finished metal case, with genuine Bakelite top. SEND YOUR ORDER NOW Don't blame your set because run down "B" Batteries won't let it work right. Order your Eliminator NOW. Write name and address on a piece of paper, pin a dollar bill to it, and mail it TODAY. Pay postman balance (\$8.95 plus a few cents postage) when he delivers your Eliminator. Use it ten days. If not more than satisfied, RETURN IT and get your money back. THE ROLL-O RADIO CO. Dept. Z-10, 3d & Symeons, Cincinnati, O.



AERIAL-BELDENAMEL OR INDOOR

EXTENSION CORD

GROUND WIRE

This Radio Set is properly Installed

Is Yours?

FOR an outdoor aerial, use a BeldenameL Aerial. It cannot corrode or deteriorate. For indoor aeriels, use the Belden Indoor Aerial Wire. And do not forget Belden Lead-In and Ground Wire to finish the job. All of these items are included, if you wish, in the new Belden Superadio Antenna Kit.

The Belden 20-foot Loud-speaker Extension Cord brings the loudspeaker where you want it. For safety to tubes and batteries, and protection against fire, use a Belden Fused Battery Cord.

BATTERY FUSE

A-BATTERY FUSE

Belden Fused Radio Battery Cord

Belden Inside Aerial and Loop Wire is easily installed about the picture molding or window frame. Its neutral color makes it especially well suited for this service.

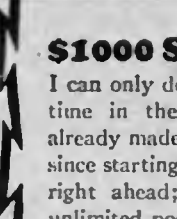
The Belden Superadio Antenna Kit contains everything you need for a complete aerial and ground that will remain efficient after years of service.

Belden Manufacturing Co.
2310A S. Western Ave., Chicago, Ill.

Look How QUICK My Training Brings You BIG MONEY



\$900 While Studying
 While taking the Course I did repairing and installing and in that way made approximately \$900, thus paying for my course many times over. The N. R. I. way sure is the right way.
 D. H. SUITT, Newport, Ark.



\$1000 Since Starting
 I can only do Radio work in spare time in the evenings, but have already made approximately \$1,000 since starting the course. I'm going right ahead; Radio is a field of unlimited possibility.
 DELOSS BROWN, Foxboro, Mass.



\$833 During Course
 I have made in spare time while taking your course \$833, so the course already has paid for itself many times over. Radio is the big field of the present time just as electricity was some years ago.
 FRANK TOOMEY, JR., Piermont, N. Y.

MEN - Here's training that puts the CASH in your pocket QUICK

QUICK means—just a few short weeks! There isn't a bit of sense in your staying with a job that doesn't have big-pay possibilities within easy reach. You can start with me NOW and be making QUICK, EASY, EXTRA money in just a few weeks from now. At the same time you can be getting yourself in line for a really big position in a high class profession where the future possibilities are unlimited. *Positively unlimited!*

The men above are only three out of hundreds of my QUICK SUCCESS students. YOU can keep the job you have, stay right at home, and in a little of your spare time I'll train you for success like these men—QUICK. My Home-Study Course puts a \$1.50 to \$2.50 an hour price-tag on your spare time within a few weeks from starting—long before you graduate. From every section of the country men with only a part of my training behind them write: "Making \$5 to \$10 every evening I work;" "Can't handle all the jobs I get;"

"Have paid for course with enough extra to buy new car—in three months." RADIO—the booming \$400,000,000 Industry that's still young and still growing—NEEDS YOU TOO. Throughout the field there's a tremendous demand for Trained Men—for respected technicians, expert Radio salesmen, popular broadcasters, ship's operators seeing the world free—for men who KNOW—BIG PAY men with exactly the same time-tested training I'm ready right NOW to give YOU. Let me PROVE that I can do it!

I train You at home



I Send You Parts for This Outfit I Teach You To Build 100 Circuits

This is the big Radio Set which you assemble while taking my course. I send you the parts without any extra cost. You work with real Radio equipment right straight through. Before you finish, you'll know how to build 100 different circuits—practically EVERY Radio Circuit known. You'll be a real EXPERT—capable of holding down any one of a dozen important positions at big pay. And long before that, you'll reach the point where you can start CASHING-IN on the side with spare-time jobs that will give you both practical experience and QUICK, EXTRA MONEY. My plan—how I train you for such QUICK RESULTS and also how I help you get the kind of work you want to do—are only two of many important subjects explained in this big FREE book. *Get it quick.* Your time is far more valuable than you realize. Don't lose any more of it. Put yourself in line for "Rich Rewards in Radio" TODAY.

I'll Fit You to Make \$50, \$75, \$100 a Week and UP

Since 1914, the National Radio Institute has been training men for the Big Jobs in Radio. In the famous broadcasting stations, with the large manufacturers, on the high seas, in prosperous businesses of their own, you'll find my students—making \$50, \$75, \$100 a week and up with plenty of room for still MORE advancement ahead of them in the fastest growing field the world has ever known. The surface of Radio has scarcely been scratched! Fortune, fun, adventure, quick-big-pay and unlimited opportunity are ready for men with the RIGHT KIND of training. And this RIGHT KIND of training—the N. R. I. Course, written so that even the man without any previous radio education or experience can readily grasp it—is now ready for YOU.

Training that Pays Its Own Way Many Times Over

It's remarkable how quickly you begin to realize REAL CASH in this brass tacks, right-down-to-business, thorough-going training of mine. Right from the start I give you pointers for spare time work installing and repairing. Many students actually make the cost of the course many times over long before finishing. But the QUICK spare-time money you'll make is only one advantage that I give you. In my book I tell you of many others, such as—six big outfits of Instruments that are included without extra cost—expert Consultation Service that keeps you right up to the minute on all new developments—an Employment Department that really helps men get located. I'll fit you at home as an expert Radio technician, ship's operator, sales representative, research man, broadcaster, etc., and to PROVE it, I'll rush you my big FREE book immediately upon receipt of this coupon. Tear it out now. QUICK ACTION on your end means QUICK ACTION on mine.



BIG 64-page FREE Book tells How



"Rich Rewards in Radio"—that's a book as well as a FACT! Into 64 big, interesting pages I've crammed a regular gold mine of facts and ideas that couldn't be duplicated in any other field in the world. Your chances in Radio are GREAT. I've sized them up for you in this remarkable book in pictures and PROOF that will OPEN YOUR EYES. There isn't any other industry, not a single one, that offers the trained man as much in such a short space of time. Get your order for this interesting, exciting book into the very next mail. Take a short cut to SUCCESS. Steal a march on old man time. Clip coupon—fill it in—MAIL IT NOW. Before you turn this page—RIGHT NOW.

What I Mean by "QUICK"

I mean QUICK MONEY. I mean practical training that you can turn into CASH before you've reached the tenth lesson. I mean a Course that puts a \$1.50 to \$2.50 an hour price-tag on your spare time—long before you graduate. I mean I put you in the class with hundreds like: Luce of Pennsylvania, \$320 in 7 weeks spare time; Anchampaugh of Illinois, made \$500 extra while taking course; Wright of Nebraska, \$400 while learning!

J. E. Smith, President NATIONAL RADIO INSTITUTE Dept. CC-96, Washington, D. C.

Dear Mr. Smith: Without obligation send me my FREE copy of "Rich Rewards in Radio," telling how you train me for QUICK spare-time MONEY and a Big Future in Radio. It is understood my dealings will all be with you, personally, and that no salesman will call on me.

Name.....
 Address.....

J. E. SMITH, President NATIONAL RADIO INSTITUTE
 Dept. CC-96, Washington, D. C.
 THE PIONEER RADIO SCHOOL—ESTABLISHED 1914

a NEW radio that "gets" everything! *Six tubes ~ One control*



MERELY turn the dial from point to point and station after station comes in separately, clearly and distinctly. The one dial is the only tuning device on this new Freshman Radio. Its amazing power allows stations from a great

Distance

to be tuned in right through the locals. Its superior construction and efficiency separate the different wave-lengths and tune out the undesired stations with startling

Selectivity

allowing you to listen to exactly the station that you desire without bother or interference and with fine

Tone Quality

which is the result of scientifically constructed audio transformers perfectly designed and co-ordinated to match this powerful radio.

Distance

Distant stations often broadcast on exactly the same wavelength as locals. This new Freshman set is so powerful that it brings in stations from all over the country. Sometimes it is desirable to cut out the distant station broadcasting on the same wavelength as the local to which you are listening; if so, just pull out the distance switch indicated above.

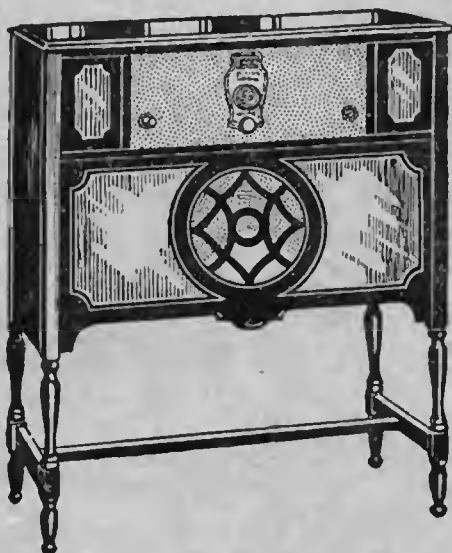
\$49.50

Six tubes ~ One Control **FRESHMAN MASTERPIECE**

**Hear it
To-day**

At any Authorized
**FRESHMAN
Dealers Store**

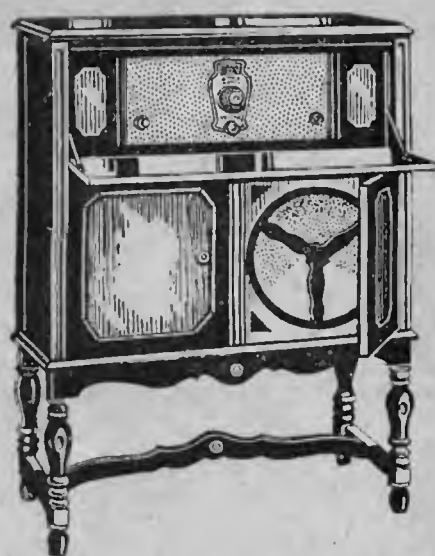
**Operate it
Yourself**



Panelled in genuine mahogany. Built-in cone speaker. Spacious battery compartment. **\$79.50**



A distinctively beautiful radio panelled in genuine mahogany. Large built-in cone speaker. **\$99.50**



This massive console is panelled in genuine mahogany. 12-inch cone speaker. **\$109.50**

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