For a Thrill "A Step On the Stair-Radio Discost EVERY TEEPS DAMS

Vol. XVI No. 13 Radio Di

TEN

APRIL 3, 1926

of Minne-Minn. 500 DR, Omro, The followed: KPUM, watts, 239 , 50 watts N. Y., 51 Escanabe

> change Ark., ij KSMR Y; ani

Yo-Ho-Ho the WJAZ Pirates Burst into Song; Able Firemen Turn on the WHAD William to Assemble Jefferson-Raytheon B Power Unit; Women's Page; Radio Club

No. 2OFFICIAL BALLOT

Announcers' Contest

RADIO DIGEST THIRD ANNUAL GOLD CUP AWARD

GOLD CUP AWAR 510 North Dear		0 /		
Please credit this ba	allot to:			
(Announce	r's Nauc)	`	(Call	Letters)
Add	ress			
City			Stata	

NEWS BRIEFS FROM THE BROADCASTERS

KGW, PORTLAND, IS NOW 1,000-WATT STATION

Microphone Technique Being Taught in New York-A. A. U. Finals to Be Sent from KOAC

KGW, the Portland Oregonian, expects to have its new 1,000-watt transmitter in operation as those lines are read. Eastern listeners will have a new star at which to shoot.

A school for the study of the technique of performing before the microphone has been opened in New York city at Stein-way hall. T. H. Fellows and B. F. Gerald are the founders.

Final matches in the National Amateur Athletic Union championships, to be held at Corvallis, Oregon. April 15 to 17, will be broadcast by the Oregon Aggie station, KOAC, on Friday, April 16, from 8:15 to 11 p. m. Pacific time.

Thousands of sleepless listeners are recommending the Friday midnight programs broadcast by Crosley WLW, Cincinnati, It is then that the "Night Howls" take the air from the Crosley Sky Terriers. Well-known WLW artists perform under nom de plumes.

A canary obbligate heard by WJZ's sharp-eared listeners has been traced to several canaries in cages in the lobby of the Hotel Commeder's New York, where music is picked up from Bernhard Levitow's ensemble. Unknown to WJZ, the songs of the little birds were given audience.

Helene Sullivan, Metro-Rid dwyn-Mayer star, is one movie actress who does a regular Radio act. She is heard over KNN, Hollywood, each Sunday afternoon from 4:30 to 5 p. m. Pacific time with her gamma chit-chat.

KOIL, Council Blufs, lowa, with the placement of a permanent studio in the Hotel Pontenelle, Omaha, has added the name of Omaha to its location announce-

Nine hours and thirty-four minutes is to daily average time spent by KPO, Hale others, San Francisco, on the air. About of the hours are devoted to studio fea-as, while the remaining time is used on ote control pickups.

> v T. Norton, United States represenrom New Jersey, was an honored last week on the congressional gram broadcast from WRC and

> > the home of the famous Kansas awks, boasts three studios and broadcasting room located at as points in Kansas City. Thir-

JOF PIANO AND AN IS COVER GIRL

are presented to Miss Eva-narrard, the dainty, curley-aired Miss on the Radio Digest this week. Miss Sharrard is at at favoring Station WAFD. Fort our Mich., with her artistry, but is well known in other cities where to delicate touch on the piane and ne organ keys has identified her hout special announcements to used to a Radie funs. Her career an in El Paso, Texus. teen remote control pickups are also feed

"The Border Line," a four-act historical drama dealing with the first fifty years of the northwest territory, was broadcast last week by WGY, General Electric station at Schenectady. The prologue and epilogue were by Emma S. Backus.

A company.

A cosmopolitan program presenting the themes of all races of the world being taught at the University of Nebraska, was recently broadcast over KFAE, Lincoln, Nebr., by courtesy of the Knife and Fork club and the Nebraska Writers' guild.

John Wilbourn, one of Baltimore's leading tenors and popular as a singer of old English ballads and light operatic selections, has joined the staff of WBAL, as dinner hour, 6:45 to 7:45 p. m. eastern assistant studio manager. Mr. Wilbourn

NOMINATION CERTIFICATE

Announcers' Contest

Radio Digest Third Annual GOLD CUP AWARD

510 North Dearborn Street, Chicago, Ill.
Dear Sir:
I nominate
Station
(Broadensting Station)
Signed
Address
Town State

GOLD CUP AWARD Editor, Radio Direct

Contest Over Flapper Kind
CINCINNATI.—The modern type of
grandmother lost to the old-fashioned
kind in the contest conducted by the
Crosley Radio broadcasting station.
WLW, Cincinnati. Votes were received
from all parts of the country, the voters
indicating their choice through a postal
card. A total of 5,058 postal cards were
received up to the time the contest closed.
Each of the grandmothers received a number and their identity was kept secret, although a description of the ladles was
given over the air.
Mrs. Margaret Poehner, seventy years

Mrs. Margaret Poehner, seventy years old, and grandmother of seventeen children, 1919 Kentueky avenue, Cincinnati won the first prize. Her voting number

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Looking Ahead

When Land Values Began to Swell at Such a Rapid Pace that some speculators made fortunes almost over night it occurred to Dave P. Davis to make more land by filling in a shallow part of Tampa Bay. He built Davis Islands and thereon erected Station WDAE, associated with the Tampa Daily Times. Read about it in next issue of Radio Digest.

Ever See the Bees Gathering Honey from a Sunflower? There's a girl down in Fort Worth, Texas, with a voice that fairly drips with honey. They say she ranks about first in the country for the number of fan letters received. She is only known by the name of "Sunflower Girl." Read this romance in one of the forthcoming issues of Radio Digest.

Next Week's Iustallment of "A Step On the Stairs" will present disclosures concerning the great Radio mystery that will astound you. There will be some new revelations and a rapid crash of events that will leave you breahtless with surprise. Who killed Jeremiah Turner? Read it next issue and begin to figure on that prize money.

The Super-Torrodyne, a Super-Heterodyne Improvement, as built by J. E. Owe of the University of Oklahoma, will be described beginning next issue. Moowen will give the circuit he used and name the necessary parts.

Don't Bloop! Learn How to Test for Noises by means of the apparatus to be de scribed in the next article of this series now appearing in Radio Digest.

Newsstands Don't Always Have One Left

WHEN YOU WANT

YOU WANT IT!

BE SURE OF YOUR WEEKLY COPY BY SUBSCRIBING NOW

SEND IN THE BLANK TODAY

510 N.	r Radio Di Dearborn St. Illinois.		
(84x,)	ind enclosed oreign) for ligest, illust	One Year's	fer Five Osilar Bubeeription to
Name .		чинными	
	7.556.60	100 E	

Old-Fashioned Grannies Win GOLD CUP CONTEST STARTS WITH BANG

POPULAR ANNOUNCERS PUT IN RACE ALREADY

isteners Rush to Enter Nominations-Race Has Indications of Keen Competition—Save Ballots

Competition—Save Ballots

In but a few hours after the last issue of Radlo Digest had been placed on the newsstands, an enthusiastic admirer had nominated "Bill" William G. Hay, WLIE and WGN, and put him in the race early for the 1926 Radlo Digest Gold Cup Award. Other listeners, wishing to place their favorites in the list of candidates for the selection of the world's best for this year, hurriedly nominated fifteen other microphone personalities in the brief time between the appearance of the last issue and the time this issue went to press. The competition this year for the solid fourceen-carat gold cup and the two additional sliver loving cups has indications of an enthusiastic interest. If your favorite announcer's name is not in the list below of those nominated, fill in the nomination blank at the right too of this page and get him into the running. Then SAVE your ballots for him. Don't miss a SINGLE ballot, for when these are turned in to Radio Digest in a group of CONSECUTIVE numbers, a pleasing and wurthwhile bonus of extra votes is allowed the announcer for whom you are voting.

How Bonus Votes Are Givon

worthwhile bonus of extra voies is allowed the announcer for whom you are voting.

**Row Bonus Votes Are Givon The ballots, which appear weekly beginning last issue at the left top of page 2, are numbered consecutively. They will appear every issue until the close of the conject with the August 28 issue. Each of these ballots will count for one vote when sent in separately.

But when held until you have four consecutively numbered ballots, and sent in at one time to Eadio Digest, a bonus of eight votes, or a total of twelve votes, will be allowed the candidate for whom you are voting.

The larger the number of consecutive ballots submitted, the greater is the bonus allowed. Eight consecutive ballots receive a bonus of theirty votes, or a total of twenty-eight votes. Twelve consecutive ballots receive a bonus of thirty votes, or a total of forty-two votes. And for a complete series of ballots, including one from each issue from March 27 to and including the last, which will appear in the August 28 issue, a bonus of fifty votes will be allowed.

Send in nominations or ballots to the

allowed.

Send in nominations or ballots to the GOLD CUP AWARD EDITOR, Radio Digest, 516 North Dearborn street, Chicago.

Send in nominations or ballots to the GOLD CUP AWARD EDITOR, Radio Digest, 518 North Dearborn street, Chicago.

Sixteen Announcers Nominated
The sixteen announcers who already have been nominated are:

William G. Hay, WGN and WIJE.

Phillips Carlin, WEAP,
The Hired Hand, WEAP,
The Hired Hand, WEAP,
Harold Isbell, KYW.
Gayle V. Grubb, KFAB,
Robert W. Griffin, WHO.
Pat Barnes, WHT.
Henry Field, KFNE.
E. L. Tyson, WWJ.
Paul Johnson, WCCO.
Lambdin Kay, WSB.
George D. Hay, WSB.
George D. Hay, WSB.
Graham Menamec, WEAF.
Lee Fitzputrick, WJR.
John Daggett, KHJ.
Richard V. Haller, KGW.

Oup for Canadian
It is interesting to note that the list includes the winners of the 1924 and 1925 gold cups, in addition to men who no doubt prove the strongest contenders for the 1926 Gold Cup Award.

For the benefit of those readers who did not read the details last issue, it is repeated that this year two large silver loving cups have been added to the list of prizes. One will go to the second bighest announcer, while the other will be awarded to the highest Canadian announcer at the close of the competition.

HINT PLANETS MAY HEAR WORLD

WHITE BILL PASSES HOUSE BY BIG VOTE

RADIO LEGISLATION NOW DEPENDS ON SENATE

Senator Watson Appears to F Answer Which Rests on Which Course He Advocates

Course He Advocates

WASHINGTON, D. C.—After a heavy two days' buffeting, the White Radio bill recently rode a stormy passage through the house which sat as a committee of the whole, placing Radio broadcasting under the control of the secretary of commerce and a proposed federal Radio commission. The bill was passed by a vote of 218 to 124, over a bitter attackled by Representative Davis of Tennessee and other democratic members.

The accepted bill was very much along the lines of a third bill introduced at the present session by Mr. White, although a few minor amendments were adopted, one of which would prevent the secretary of commerce from remitting fines for infractions of the regulations.

The bill would create five zones throughout the country, from which five men-

out the country, from which five men-bers, one from each zone, would be appointed to form a federal Radio com-

Depends on Watson

But at the time this issue goes to press, the listeners in have no assurance that Radio will be legislated. The bill is that Radio will be legislated. The bill is now in the samte, along with the Dill Radio bill, the main provisions of which are similar. And Radio legislation depending upon the senate, leaves the matter resting in the hands of Senator Watson of Indiana; at least that is the consensus of opinion of the members of the senate. It is admitted that there is a general appreciation of the importance of Radio legislation in the senate, but there is also a lack of interest and knowledge as to the requirements. His colleagues are depending upon Senator Watson to do what is best.

How and Where?

How and Where?

If Senator Watson sponsors a Radio bill, it is expected there will be a new Radio law emacted at this session of congress, and unless he does get behind and push for the enactment of one, the chances for Radio legislation are very slim. Senator Watson is enthusiastic for government control of the situation, but the question of how and from where it is to be controlled will be the bone of contention.

to be controlled will be the home of con-tention.

In the wrangling and milling over whether the secretary of commerce, the department of commerce, the interstate commerce commission, a federal Radio commission or some combination of those groups should exercise power over Radio, the paramount issue of whether or not we should have Radio legislation may be ground underfoot.

Congressman Free Tells How To Make Good Cheap DX Set

To Make Good Cheap DX Set WASHINGTON.—If you are not entirely satisfied with your set, it may be a good idea to communicate with Congressman Arthur N. Free, at the House office building, at Washington. D. C., and find out how his son built his. Mr. Free is from California. During the debate on the White Radio bill, he said:
"Any boy can take, as my boy did, a boit, a little wire, and a crystal which costs a few cents, and make a Radio set and he can listen in on any program anywhere in the United States. If he wants a little better set, he can take a little bit more wire, a few more nuts and boits and get a tube, and he can make a tube set, paying \$2.50 for the tube."

To Hold Hearings April 5

To Hold Hearings April 5

WASHINGTON, D. C.—The Radio copyright bill, sponsored by the broadcasters of the country, has been introduced in the house, by Representative Vestal of Indiana, chalman of the committee on patents to which the bill has been referred. The bill is identical with the Dill bill in the senate.

Joint congressional hearings on the Radio copyright bills now pending in both houses will begin April 5.

A second Radio copyright bill has been introduced in the house by Representative Vestal of Indiana. It is understood that this bill has been endorsed by the American Society of Composers, Authors and Fublishers. No date has been set for nearings for this bill but it also has been referred to the house committee on patents of which Mr. Vestal is chairman.

NOW IS TIME TO TRY FOR ANTIPODE ISLES

ANT to hear Australia, New Zealand and Japan? Long distance fans will be gratified to know that just now is the best time of the year to try. Donald Wright, of ferminal Island, Terminal, Callf., reports that he is now regularly hearing 31.0, 28L, JOAK and JOBK. The latter two are Japanese. The former two are Javaralan and New Zealand broadcasters. Mr. Wright finds that these stations are best heard hetweat these stations are best heard hetweat 1:30 and 5 a. m. Pacific time. (This is equivalent to 3:30 and 6 a. m. Central or 4:30 and 7 a. m. Eastern time.) Try for them some morning.

PRISONER ASKS FOR SONG HEARD IN JAIL

HICAGO.—How the wonderful magic of Radio penetrates even prison walls and sends sunshine into the darkest corners of the world was revealed in a letter received at Station WLIB from prisoner No. 25372 at the Missouri State Pententiary at Jefferson Citty, regarding the popular song, "The Lonesomest Girl in Town."

He is an ex-jockey, who in his hey days had squandered the world's goods on the kind of a girl described in the song. He wrote that he was washing other prisoners' clothes to support a one tube set.

SHE'S ONE SOPRANO YOU'LL LIKE



Ruth Heubach is a charming soprano who knows well how to use the microphon and you'll hear her on the WSAI community concert on Monday, April 5.

Station KTHS Offers Big Easter Broadcast

Three-Hour Program to Be Handled by Remote Control

HOT SPRINGS, Ark .- Simultaneously HOT SPRINGS, Ark.—Simultaneously with the first long ray of sunlight as the Easter Sabbath sun climbs over the rim of the world, the carrier wave of Station KTHS, the New Arlington hotel at Hot Springs National Fark, Arkansas, will start an elaborate and unique Radio program—with more than 2,000 artists taking park, and a visible audience of more than 10,000.

The program will begin at 5:32 a.m. Central time, taken from Kavanaugh field, Little Rock, by remote control over 55 miles of land wire. The broadcast will be opened by Rev. Harry Knowles and followed by music by the forty-piece Missourl Pacific band and many artists.

ASK FANS' AID IN SHORT WAVE TRY

April 3 Marks Beginning of Month's Test of Five Low Lengths

SCHENECTADY, N. Y .- All listeners SCHENECTADY, N. Y.—All listeners who have short wave receivers and who are interested in the progress of broadcasting are asked to cooperate with the General Electric company engineers, who are conducting a series of tests in wave propagation of 22.79 and 65.5 meters. Beginning April 3, special telegraph tests will also be made on 15, 26.4 and 50.2 meters, by 2XAW, 3XAD and 2XAC respectively.

SHORT WAVE **OBSERVATION** BASIS OF IDEA

Science Revamps Theory

Dr. E. O. Hurlbut Suggests Possibility of Communicating with Universe by Radio Impulse

PHILADELPHIA .-- Strange as it may seem, you may tune in and hear the celestial harmonies that whisper between

celestial harmonies that whisper between you and the spheres—you may hear programs for Saturn, Mars and Mercury, to say nothing of the other planets, as they go whirling through space.

Dr. E. O. Hurlbut of the maxil research laboratory at Washington, D. C., who recently addressed the Franklin institute, a nationally famous organization in Philadelphia, admitted that there is a possibility of interplanetary communication by Radio. In brief, Dr. Hurlbut said that if Interplanetary communication is at all possible, it will be achieved through Radio wave lengths of less than ten meters.

Waves Go Somewhere, But Where?

wave lengths of less than ten meters.

Waves Ge Somewhere, But Where?

In the course of his lecture on "The Kennelly-Heaviside Layer and Radio Wave Propagation," he explained that all other waves except those under ten meters collide with the atmospheric layer at an altitude of about 100 miles, and rebound to earth. But those below ten meters are more roving. He inferred that after leaving the carth they just disappear, and at the present time no scientist has been able to determine just where they land.

That they leave the earth is a fact; it

pear, and at the present time no scientist has been able to determine just where they land.

That they leave the earth is a fact; it is also a fact that they do not come back. Then the question remains: where do they go? Upon the answer hangs the possibility of this generation or of any other finishing the nocturnal repast and then dipping the dials to discover just what April strawheries are selling for on the Saturn produce exchange.

How Short Wayes Reach Out

Dr. Hurbut spoke in a truly scientific light and said:

"A quantitative theory, giving a clear picture of the manner of the passage of Radio wayes over the surface of the earth has resulted from the, recognition and measurement of the skip distance for Radio wayes low forty meters in length. The electrons of the upper atmospher, known as the Kennelly-Heaviside layer activated by the earth's magnetic flet play a crucial role.

"The shorter waves are propaga' longer distances by refraction in the lay, and reflection at the ground. They reach heights of about 100 miles. At this altitude there are ten to the fifth power electrons per cubic centimeter, that is, about the billion electrons. The theory explains many complex phenomena of fading, directional vagistion, and reception with vertical and horizontal Hertz antennae."

The layer of which Dr. Hurbut spoke was manned after Dr. Kennelly, professor of electric engineering in the Massachusetts Institute of Technology, and the late Dr. Oliver Heaviside, of England.

Station Changes

Two new stations have been licensed this week, WLB, the University of Minnesotal station at Minneapolis, Minn., 500 watts, 277.6, meters, and Willsp. Omro. Wis., 50 watts, 287.1 meters. The following stations have been relicensed: KFUM, Colorado Springs, Colo., 100 watts, 230 meters; KWUC, Le Murs, Towe, 50 watts, 252 meters; WPDQ, Buffalo, N. Y., 50 watts, 263.4 meters; WPAK, Escanaba, Mich., 100 watts, 264.3 meters.

Four stations have officially changed call letters. KFMQ, Fayetteville, Ark., is now KUOA; Santa Maria, Calir, KSMR; WHAT, Minneapolis, Minn., WGWY; and WKBK, New York, N. Y., WBNY.

WTAQ has moved from Osseo, Wisconsin, te Eau Claire.

Power changes include 1,000 watts for KFNF, Shenanjioah, Iowa: 2,000 watts for WEEH, Chicago, and 3,500 watts for WLWL, New York.

Firemen Turn On the Mikes

MILWAUKEE Smoke Eaters Back Again On WHAD After Mourning Radio Leader Killed Answering Alarm. Swiss Cheese Makers Yodle a Hit. Turnverein Assists.

HERE'S a wee sprig and a bit of purple and black over the double doors of Engine House No. 3 on the Milwaukee South Side. It is a

black over the double doors of Engine House No. 3 on the Milwaukee South Side. It is a house of mourning.

Not so long ago the shining of the engine brass and the general slicking up was made lively by a ragtime large plano accompaniment under the nimble fingers of Merritt Ramus. The piano is in the music room which formerly had been the stables where noble horses champed and stomped as the alarms came tingling over the wires. At first the men missed the horses but Tom Saskowski got out his banjo and August Boelm his harmonica. They were so good they played at a benefit show and then they were invited to broadcast over WHAD, the Marquette University-Milwaukee Journal Radio station.

This encouraged others in the department with musical tendencies and Engine House No 3 became a regular musical center. The stall partitions were knocked out and the music room came into being. But there came a day when the lid of the old piano was closed down. Tom and August put away their instruments. You see, in the first place they were all firemen. Captain Ernest Glander never failed to remind the men of that, although it was he who started the Radio diversion. There was an alarm. Clang! Clang! The apparatus tore out the door. Zip and they reached a railroad crossing—a passing train—the hurtling motor of Captain Glander—a erash and in a moment the veteran fire fighter had passed to his reward.

In the group below may be seen the old ensemble as they used to appear before the microphone and in the captain with his accordion is Captain Glander. The captain was especially appointed by Chief Steinkelher, as the chief said, "to keep the boys from blowing the cooff."

But as these lines are written the boys are planning to goot the air again in a few days. They are going to the captain was especially and the captain of the days.

as the Cher said, to keep the boys from blowing the roof off."

But as these lines are written the boys are planning to go on the air again in a few days. They are going to continue the good work to which the captain gave the impetus. They feel he would be pleased over in the Beyond to know that his comrades are carrying on the job to make people happier. And the listeners over WHAD, the Marquette University-Milwaukee Journal station will be glad to welcome back a feature of the programs they have sadly missed.

There's a corking good quartet and whoever thinks a smoke eater can't sing will learn something to his advantage by listening over WHAD when Tom Murphy, Joe Ross, Adolph Ketelholm and Tom Dugan are announced. Boy, they have volume and distance and harmony and

tance and harmony and they're there like a

E 13





At left is the company of syncopating of fremen preparing for the WHAD studio. The late Captain Glander is seated with accordion of ion (right) baritone.

sin is famous for its cheese and there are sections where its manufacture is the sole industry. From Monroe, where the annual cheese fair is held, comes a yodeling quartet which is one of the features of this four o'clock program. All four members of the quartet are natives of Switzerland. During the international tests they sang in the tongue of their fatherland. erett Williamson, baritone. Miss Bertha Schaller is

Miss Jean Gora, dramatic soprano, and Everett Williamson, haritone from Racine, are two of the popular soloists. Miss Bertha Schaller is one of the violin soloists.

Home parlor dances for small parties are very popular in the vicinity of Milwaukee, and this is made possible in many homes by the Stroebel dance orchestra heard through the Radio receivers from WHAD of the Marquette University-Milwaukee Journal. This orchestra is up to the minute with the latest dances and also furnishes more formal numbers for the more sedate dancers. It draws the line on the remote Ford toddling. From the Marquette University studio may be heard the concerts of the Adelphi orchestra.

A great deal of comment has been made concerning the remarkable clarity of music as it has been picked up by tennote (Continued on page 8)

"To-ho-ho!" Sing Pirates Bold

PIONEER BROADCASTER, WJAZ, Defies "Autocrats of the Air," Makes Minion Walk Plank and Lays Down Brass Band Broadside on Canadian Wave.

ROREWORD: Lieutenant Commander Eugene F. McDonald, commissioned by the United States Navy, sea rover and edventurer into the for north, where he reading valuable service in the cause of science, has been declared an air pirate by the forces of the government. Returning on his good ship Peary, which had carried him to within eleven degrees of the pole, he received scent courtesy from those who are in power in Washington. He launched his new broadcaster from the Chicago quays, and although she took the air under that pioneer pennant, WIAZ, he was allotted but two hours out of a week's schedule. Chafed by these restrictions, the Commander snapped his fingers at the Department of Commerce and appropriated a Canadian wave which he deemed would cause little grief to any outside the department at Washington. He was then charged with piocy of the air, threatened with a felou's cell and the confiscation of his station. And so our story begins.

IGH in his conning tower the thirteenth district inspector crouched over his wave meter tester and scowled. And the longer he looked the more he scowled until finally the black cloud on his brow burst into a storm of fury.

"They're off again!" he snapped, sharply and vividly like chain lightning.

"Who?" inquired an assistant with glazed hair and slightly worn patent leather shoes, who stood at a respectful distance and toyed a pencil between his pearly teeth.

pearly teeth.

pearly teeth.

"Never mind, 'tend to your work, I knew it, expected it, they're pirates, air pirates. I told you to get Francis. Why haven't you gone? Must I stand here yelling at you all day to get you to do anything? Go! Go! Great jumping Jehosophat, when in the name of Christopher Calliope Columbus—" The inspector was bending over the meter tester.

"Aye, aye, sir!" A fluffy-haired blond, note book in hand, jaws oscillating, stood at attention.

"Very well, Francis. Sit down—and give your chin a rest."

The fluffy-haired blond drew up a chair and paused, before sitting, to deposit his quid of Jolly Tar in the tall brass goboon at the end of the table.

"Aye, aye, st," he said, solemnly wiping the corners of his mouth with a sepiatinted hankerchief. "What is it, sir?"

"Told you they're off! They're off! How many times—"

"Yes sir. Yes sir, I was just lookin' at the tape myself. It's only the first race. I gotta bet on Jazzbaby for place in the fifth. I know a bookie—"

"Don't Jazzbaby me! To blazes with the races! I'm talking about these almighty pirates—"

"Beg pardon, sir. With the start they're gettin' the pennant oughta be a—"

"I said WJAZ! WJAZ! They're off their wave. They've pirated a foreign wave and the chief has forbidden. Take a letter; no, a telegram. You chew too much, Francis. Try stogies but don't swallow them. Are you writing that? For Pete's sake, amen!"

Are you writing that? For Pete's sake, amen!"
"Aye, aye, sir!" Then Francis took the telegram addressed to the chief.
In his high paneled office the chief, in Washington, was dictating orders to

dictating orders to six stenographers. Three boys stood in a line to carry messages. The chief opened the telegram from the inspector. In one bounce be hit the ceiling. Coming down to port on ceiling. Coming down to port on the edge of his chair he began to sway and his mouth flew open.

"Who am I? What am I? Why do I sit here? I regulate the air and it is not regu-lated. Who cares



what I say? Am I to be laughed at? What?"

be I a n g h e d at? What?"

"Aye, aye, sir," The first hoy, not being quite certain what he should say, followed the usual formula.

"What? Even you!"
The chief might have been Julhus Caesar speaking to Brutus as the latter wiped his bloodly blade on his sieeve. "But I shall see who's who and what's what and who is runging this air. I'll have that pirate thrown irons?"

There were son of merriment about trophy bedecked cabin. Hivoltz Smill, the WJAZ as Captain McDonald paced back and forth across the floor of his craftiest buccaneering baritone on the seven ether seas, (Continued on page 8)



VARIETY OF DISHES MADE OF MACARONI

SPAGHETTI CAN ALSO BE PREPARED MANY WAYS

Miss Betty Crocker Gives Recipes and Supper Suggestions for These Very Tasty Foods

By Betty Crocker

By Betty Crocker

T IS because so many of my Radio audience seem to be unfamiliar with really good macaroni and spaghetti dishes that I like to talk about them often. There is so much to say about these foods and we have so many delicious Gold Medal recipes for them that I simply earl't resist giving you a macaroni and a spaghetti dish for our lesson today. Many women tell me that they the of macaroni and cheese but that they do not know any other way to prepare macaroni. I am going to tell you some of the many ways in which we prepare macaroni and spaghetti in the Gold Medal dour kitchen. Sometimes we serve it plain with bread crumbs which have been fried in butter, just as nodies are often served. Again, we add hot cream or hot white sauce. Good macaroni properly cooked does not need an elaborate sauce. We prepare several varieties of mocaroni and cheese dishes. Plain macaroni may be served with finely grated cheese sprinkled ever the top, or with cheese with or without white sauce, cover with buttered crumbs and bake. Instead of cheese with or without white sauce, cover with buttered crumbs and bake. Instead of

with or without white sauce, cover with huttered crumbs and bake. Instead of white sauce, we sometimes pour tomato sauce and choose over the macaroni.

HOUSEKEEPERS GET ATTENTION OF KOAC

ORVALLIS, Ore.—Afternoon broadcasts for the homemaker were begun recently by Station KOAC, the Oregon Agricultural college here, under the title "The Housekeephere, under the title "The Housekeephere Half Hour." This service is put on the air each Wednesday and Thursday afternoon from 2:00 to 2:30 o'clock Pacific time. It is in addition to the regular half hour homemakers' program that has been included in the college station broadcasts since last October on Wednesday evenings from 7:30 to 3:00 o'clock.

Ment is used with macaroni in any number of ways. An escalloped dish of left over meat may be prepared by using layers of cooked macaroni or spaghettl with the layers of meat and gravy, instead of the creamed mixture. Macaroni embined with chopped celery or ham makes an excellent filling for stuffed peppers. Many women who are fond of chop suey use macaroni in that dish.

ners. Many women who are fond of chop suey use macaroni in that dish.

Macaroni Salad

Another unusual dish is macaroni salad. That may not shund good to you, but I assure you it is delicious. Combined with salmon and seasonings it makes a very pretty salad. Other delicious combinations you could use are apple, or green pepper, chopped cooked eggs, or fresh tomatoes with a little chopped colory and sweet pickle. Personally, I do not care for cooked cressing on macaroni or spaghetti salad. I prefer either French dressing or mayonnaise, but that of course is a matter of taste.

The macaroni and salmon loaf makes a good one-meal dish that is especially nice tor a lumehoon or supper dish. It is cheaper than meat and potatoes and takes the place of both. Here is the recipe: 1 cup milk, 4 tablespoons cream, 2 cups stale bread crumbs, 2 eggs, 1 cup cooked macaroni cut in places, 4 tablespoons medical butter, I teuspoon salt, paprika.

Method: Heat the milk and bread crumbs together. Stir in the slightly hatten egg yolks. Add macaroni, salmon, cream, butter and salt. Either canned or cooked summen may be used. Fold in the (Continued on page 17)

(Continued on page 17)

SHORT WAVES

- By Marcella .

Jean Sargent, WHT's Jean, is not married. She is just as nice looking as her voice sounds; yes, and her disposition is best typified by the two words—good scout. Age? Well, you know we ladies are a little skittish over such questions, but I will answer it by saying Jean is middle-aged and her hatr is a beautiful silver gray, mixed with black. You will find her an extremely interesting person with all sorts of interesting experiences and tales of business. Yessirree—I agree with you in saying she's the best lady announcer on the air—in fact, she's the only one I care to hear.

Yes, K. H. R., Emmet and Dick Long, both of WCCO, Gold Mcdal fame, are brothers. Dick is familiarly called "the blond Apollo" and he conducts the Nankin cafe orchestra. Emmet is portly and a trifle ruddler. He conducts the Golden Pheasant im orchestra. The two cafes are directly across the street from one another. According to E. H. Gammons, my WCCO friend and adviser, both boys started playing in bands and conducting them when they were "knee-high to grass-hoppers." Dick told him that ones he had to borrow a pair of long pants to get a job at Minnehah Park.

As for H. I. B., try again. "The Merry Old Chief," WJR, and Phillips Carlin and Lestle Joy, of WEAF, all are "handsome as they sound" but married. Sorry they

sound single.

Jack Robertson, one of WFAA's "Early Bird" entertainers, is twenty-nine years old and single. Besides that, answering M. A. D. et al., he is extremely modest and blushes furiously every time he gets a mash note. He is quiet in his habits and spends most of his time with his Hawaiian guitar which he loves devotedly. Stands 5 feet 9 inches and tips the scales at 155. He is dark and has extremely dark eyes, which may be termed—al-h-h—the caressing type. ing type.

Wendell Hall, the "Red-Headed Music Maker," is in New York on 455 meters— WIZ. He is billed there for three weeks, two times a week, beginning March 15 and ending this week. Don't know whither after that. Wendell started with is ukn-

Loss of Avoirdupois Cause of WLW Worry

Station Fears Women May Get Too Thin

CINCINATI.—One of the weighty problems of the Crosley WLW station here, is the possibility of its women listeners becoming too thin. This situation has arisen through their participation in the sotting-up exercises which William N. Stratdmann, physical instructor of the Cincinnati Y. M. C. A., breadcasts every morning, except Saturday and Sunday, at 7:30 Central time.

While many of the women devotees to the art of physical exercise have reported they have lost weight, others have reported gaining weight through the same exercises. But it is the ones who have lost their extra fat who are concerning some physicians who believe too much displacement of fat is not healthy, as bodies need fat as much as other things which go to make up a human being.

lele ditties over KYW "back when"—many years ago—and has been a tremendous success ever since. Probably his best-known composition is his "Raim" song. He courted his sweetheart—now Mrs. Hall—over the air and was married via the WEAF chain. Tall, red-headed, even dispositioned, pleasant and inclined to soften his speech. Has cute little red mustache and a big raceoon coat. Mrs. Hall is best described as a jolly bunch of smiles.

Nick Lucas, the crooning troubadour. formerly a member of the WEBH Oriole orchestra, is now going the rounds of the Orpheum vaudeville circuit. Heard him a week ago in Chicago and he stopped the show. Don't know when he'll be back on the air, but of course he's on the records.

WBAP's "Sunflower Girl" goes under the real name of Bessic Coldinom—a rather chilly cognomen for such a beautiful, talented, Titian-halred Miss of twenty years. The Hired Hand describes her as all a bachelor could desire, and the H. H. is an experienced recommender.

* * *
Who was it wanted to know if Graham (Continued on page 17)

WOMEN'S PROGRAMS INDEX

Saturday, April 3 Eastern Gentral Mountain Pacific 9:30 a, m. . 8:30 a, m. . 7:30 a, m. 6:30 a, m WWJ (332.7m-850ks) Tonight's dioner. 11 10 9 3 S WEAR (US9.4m-770ke) Floare service talk WHTP (200.8m-750ke) Women's club, Jean Sargent

\(\text{MIF}\) (200. Sec-1900c) Women's cuto, Jana Sargent, I 2 s. 40 9 \(\text{WGN}\) (202. Sm-2000c) Household films, \(\text{WGM}\) (41. Sm-2000c) Household films, \(\text{WGM}\) (42.30 a.m., 11.80 \quad \text{Picture films}\) (230 s.m., 10.30 \quad \text{Picture films}\) (230 s.m., 10.30 \quad \text{Picture films}\) (230 m.m.)

12:35 11:35 10:35 RYW (505, lm-560ke) Table talk. 1 12 n. 11 . 10 KGW (491.5m-619ke) Household helps, shopping

(31.an-t-190ke) Pomertic science (onics, 4 3 p. m. 2 p. m. (p. m. K.M. (384.4m-750ke) Tanigat's doner. 6:30 5:30 4:30 3:30 CNBV (291.4m-tosolte) Women's falles.

Monday, April 5 Eastern Central Mountain Pacific 9:30 a.m. 8:30 a.m. 7:30 a.m. 6:30 a.m. WW (3:32.7m-85@be) Tonight dinner.

10 9 8 7 WJZ (454.3m-869ke) Women's hour. WTAG (268m-1120ke) Talk, Marjoric Woodmaa,

NTAG (265m-1120be) Talk, Marjoric Woodman, motise.

10:59 9:50, 9:50, 7:50
WMG (299-1m-650be) Home economics debasison, Mass Killy, 9 8
WEAR (389-4m-770ks) Home service talk, WHT (201-8m-730ks) Women's program.

NTAG (381-3m-730ks) Women's program.

NTAG (381-3m-730ks) Talk (381-3m-730ks) Women's program.

11:30 10:45 9:30 8:30 WFIC (475.5m-6.0dp) Housewife's forum.
11:45 10:45 2:45 8:45 WCO (456.4m-7.20b) 'Good Thines with Toost.'

Reity Creeker.
WDAF (265, 5m - 8866e). WRT (269, 8m - 756ke).
WAAR (265, 5m - 9866e). Hasse service lalk, Betty
Creeker.

Crocker. 1 10 9
WCN (202 Sn-900fee) Household Brists.
WCN (202 Sn-900fee) Household Brists.
"Air Plants." Marel Jacobs: "Pressure Coolears and Their Uses," JL West.
12:15 n. m. 11:15 10:15 8:15
KVW (535-480-600fee) Mont talk. 12:30 | 11:38 | 10:30 | 9:30 | WENT (370.2m-\$10ke) | Fastion and household

(alick, 12:35 (0:35 KYW (535.4m-580kc) Table talk. 230 (2007) 230 p.m. (230 p.m. III 30 p.m. (230 p.m. III 30 p.m. (230 p.m. III 30 p.m. III 30 p.m. (230 p.m. III 30 p.m. III 30 p.m. (230 p.m. 2007) (230 p.m.

4 3 2 1 p. m.
WH (508.2m-500ke) Market hints for bousewives.
WOC (483.5m-620ke) Home management schedule VOU (18a.15m-250ke) Home management schedule, Amt Jan. (170ke) 'The Care of Your Hair.'' Madame Huntingford. 2 KJR (184.4m-750ke) Hame, belys. Eastern Central Mountain Pacific 12:15 n. m. (1:15 p. m. 10:15 p. m. 9:15 p. m. KGO (361.2m-830kz) "Character Training in the Home," "Letsure Time," Edith Mirricless.

Tuesday, April 6 Eastern Ceptral Mountain Pacific 9:30 a. m. 8:30 a. m. 7:30 a. m. 8:20 a. m. WWJ (352.7m-850kc) Tonight's dinner, 10 9 8 7 EDKA (309.1m-970ke) Domestic Science. Arts for the Housewife, WTP (368, 2m.5490kc) Menu, Anna Scott, WIZ (454, 2m.5490kc) Menu, Anna Scott, WIZ (454, 2m.5490kc) Women's hour, 19,45 9,45 9,45 7,45 WTAG (268m-1120kc) Talka to Methers, Rosabelle lacebus,

Jacobias. 1 1986. Falsa do minters, Residente Jacobias. 1 1986. Al (388.4m-776bc) Home service talk. WHE (388.4m-776bc) Home haskers' hour. WHE (398.4m-786bc) Home naskers' hour. 11:30 10:30 9:36 8:30 NOI (275m-1110bc) Washing the Redding." "Photo tor Sydney. Mod Nelson.

Uness for Spring, Mabel Nelson, 2 n. (22, 30-1908b). Howelook hints, Wild (445, 30-1908b). Howelook hints, Wild (445, 30-760b). How to Select, a Recombre Hall, Lillian Russell, The Six Year Molars, M. Duckley, Pep exercises, (2, 30 p. m. 11:30 10:38 9:30 WEBH (370, 2m-\$10bc) Fashion and household tables.

Wednesday, April 7 Eastern Central Mountain Pacific Age 1745 (2012-1745) April 7 (201 WEAR (2011.) The state of the control of the contro Botty Crocker.

WDAF (385.6m-820ke) WHT (369.8m-750ke).

WJAR (305.9m-980ke) Home service talk, Butty

Crucket.

12 n. 11

12 n. 12 n. 15

VON (302 Sm-990ke) Household hints.

VOL (444.7)n-4/0ke) Home Economics program.

"Child Weifare, Leva Sadler, "Directing the Child's Eating Habits," Mario Johnson. "Unusual Rice Dishes," Bertin Harris. 12:30 p. m. 11:30 10:30 9:30 WEBR (370.2m-810ke) Fashion and household talks. WGN (302.3m-990kc) Discussion of fashlons.

12:35 11:35 10:35 KYW (535,4m-560ke) Table talk. 1 12 n. 11 KPO (428.3m-700he) Sewing (nlk. | 12 n. | 12 n

Aunt Jane. WOJ (447.5m-670ke) "Health Assurance," Jean Rich.

ACO (381.3m-500ke) Hills for Jobseccepte.

KFOA (454.3m-600ke) Today's recipes.

KLX (505.3m-1990ke) Woman's hout.

KMA (352m-1190ke) Domestic science talk.

7/30 9-30 889 7-30

KOAC (380.3m-1780ke) "Avery Child—What Ho Needs." Surg Prenties. 10:45 9:45 8:45 7:45 KOAC (280.2m-1070ke) "Spring Days and the Inevitable House Cleaning," Emma Weld,

Thursday, April 8 TRITISCARY, APPLIS C
Enstern Central Mountain
Pacific
Side M. 8,300 a. m. 7,300 a. m. 8,300 a. m.
Wild (232,718 a. m.) 7,300 a. m.
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Wild (258,718 a. m.) 7,300 a. m.
Wild (358,718 a. m.) 7,450 a. m.
Wild (258m-1120kc) Talk, Marjerie Woodman.

natse. 9:50 8:50 7:50
10:50 9:50 8:50 7:50
WMC (499.7m-600kc) Home economics discussion,
Miss Kitty. Miss Edits: 10 (1985) Hole containes discussion, Miss Edits: 10 (1985) Holes Carlon (1

Knowles.
12 n.
10 n.
WGN (502.8m-960ke) Household hints.
WGN (502.8m-960ke) Household hints.
WGI (447.5m-970ke) "Plata and Faney Omelets."
Ema Restrants. "Dressnakling." Ellitan Kvauter.
12:30 n. m. 11:30 13:00 9:30
WESH (379.2m-810ke) Household and fushion WEBBH (378-29-31986) Endiscented and fuszion lable.

1435 In 326 9:35

KXW (335-4m-590ke) Table talks.

KXW (355-4m-590ke) Home management schodole, Aunt. Jane.

WQG (483-6m-690ke) Home management schodole, Aunt. Jane.

WQL (447-5m-670ke) 'Maising Printees for Suhur-bankee,' Adam Schilling, 'Maising America Room, Harite Michael.

Room, Harite Michael.

Enatara Cantral Mountain Pacific 59 m. 4 h. 01. 3 p. m. 2 p. m. EFOA (454.4 m. 4000bc) Flores helps, 10.0.C (259.0 m. 1070bc) Hundschepper's half bour. KSD (545.1 m. 4000bc) Women's hour. 53.30 (2.3 m. 5.30 d. 3.30 m. 2.3 m. 5.30 (2.2 l. m. 7500c) House's close mattere. WOCO (116.4 m. 720kc) Women's close program. 6:15 5:15 4:15 3:15 KOA (522.4m-920ke) Culinary hinls, Clara Hoover Pashion review, Sally Dec. 7 8 5 5 4 EFOA (454,3m-660ke) Today's recipe. KUOA (200.8m-1000ke) "Eat Your Way to Health."

Friday, April 9

Eastern Central Mountain Pacific 9:30 a. m. 8:30 a. m. 7:30 a. m. 6:30 n. m. WWJ (352.7m-850ke) Tonight's dinner. WWJ. (592-7m-s50ke) Tonight's dinner.

10 8 7

RDKA (399-1m-978ke) Domestic setence and Arts for the Hencewife.
WJZ (134,5m-450ke) Women's hour.

10-45 9-45 8-45 7-45

WTAG (263m-1120ke) Food hints. Mildred Thomas. WHT (200 Sm-150ke) Women's hour Jean Sargent, WTIC (475.0m-030ke) Book talk, Fushion talk. Grag. WTIG. (475.9m-650ke) Housewires forum. WDAF (365.8m-820ke), WEAR (385.4m-776ke), WLAR (395.4m-776ke), Uctockee's Home service (346.4m-776ke).

11:45 10:45 9:48 3:45 WCCO (416.4m-720he) "Meet a Cheap Meat." WGN (302.8m-990ke) Household bluts.
WGJ (447.5m-670ke) Sunday Dinner Mcnu, Ted 12:15 p. m. 11:15 10:15 KVW (505.4m-560ke) Meat talk. 9:15 EVW (303-4m-500ke) Meat talk:
12:30 11:30 0:30 9:39
WERG (370-2m-810ke) Enuschold and fashlor
talks:
WGN (302-3m-990ke) Discussion of fashlors:
12:35 11:35 10:35 9:33
EVW (333-4m-500ke) Table talk. 1:45 | 12:45 p. m. | 11:45 | 10:45 | WOAW (526m-570kc) Sunshine Sunday dimensions.

menu, 3 2 lp. m. 12 n. WCCO (416.4m-720ke) Women's hour. 3:15 2:15 1:15 12:15 m.m.

3:15 2:15 1:15 12:15 m.m.

VIO (326m-370kc) Recipes, household hints.

4 3

VOC (483.6m-620kc) Home Management. Augustian

Jane (447.5m-670km) Houre Sconomies program.

"Health and Hysiene," Catherine Spengler, 430 230 130 WFAA (475.9m-630km) Homenaliers program.

WMAQ (447.5m-670km) Fuffiles of the Moment.

5:30 4:30 3:30 KOA (322.4m-930kc) Housewives matine 6 5 4 KOA (322.4m-930ke) Culinary hints.

8:15 5:15 4:15 3:15 KOA (322.4m-950ke) Fashlon review.

The TAIRS

Synopsis of Preceding Chapters

Synopsis of Praceding Chapters

N TED first four episodes of "A Step On the
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CHAPTER ELEVEN

Eleven and Thirteen

MOMENT later it was impossible to distinguish one voice from another in the mad hysteria that swept through the dark. The shriek of Hazel Stanton died to a sob and men's voices, frankly panie stricken, took up her cry for release. Vainly Ardwyn called for order. The situation had passed beyond his hands. And then, mennegetilly came a contrine situation had passed beyond his hands. And then, unexpectedly, came a quieting influence from a new source.

It was the voice of Tolliver—bellowing but hilarious—that crashed to the teak rafter through the din of fear.

"Say, cut out the opera," he roared.
"This place is getting battier than "The
Batt." A few of the guests here and
there ceased their noise to listen to

him.

"What's the matter, Tolliver?" inquired Ardwyn when he could be heard.
"Not a thing, Mr. Ardwyn; not a
thing," declared the bellowing voice.
"But it seems to me we're takin quite
a lot for granted here. Was that Peleg
Turner's voice we just heard on the
Radie?"

"Of course it was," moaned Aunt Helen Holmes. "I know it was. I'd know dear Peleg's volce anywhere. We all know it was Peleg Turner's voice— and him in his grave those four weeks..."

weeks..." Well, you have it on me," admitted Telliver. "Me, I'm not so sure. It mighta been old Peleg's voice au' then again it mighta been Abd-el-Krim's voice—or pretty near anybody's voice—or somebody playin' a plano. With a lond speaker like this one you never can tell."

"It was Peleg Turner's voice!" This belligerently from across the room, presumably stated by Henry Graves.

"Who can prove it?" demanded Tolliver seoffingly. "A sawbock to the man or woman who can show how any mandad or alive would be nutty enough to attempt to put over an idea on a mob of curkoos like this."

"It was Poleg furner an' him in his grave these-" Aunt Helen's wall was smothered in the protest of others who felt that their judgment was in ques-

"Of course it was Turner's voice," broke in Cousin William Caryl. "Yes! Yes! Who else could it have been?"

There followed a mumbled argument and then a moment of silence through which Marry Williams' voice rose gently but firmly.

"I agree with Mr. Tolliver," she said.
"I knew Uncle Peleg very well. I thought it was his voice in the loud speaker. But now I am not so sure."

opeaner. But now I am not so sure. "Miss Stanton thought it was," re-torted Aunt Helen indignantly. "She recognized it just as I did, an' she's Just as bright as others around here I could name, Mary Williams." Mary did not rise to the batt. Instead, she called suddenly to Ardwyn.

-Ry ROBERT J. CASEY

Radio Dramatization by FRED SMITH

Illustrations by HILMER C. OLSON

OOK out for Miss Stanton," she pleaded. Don't let her get near the front door. Watch the front

the front door. Watch the front door."
"Let George watch the front door."
suggested Tolliver. "Me, I ain't goin'
to stir outa my tracks until somebody
gets this place restored to comfortable
chuos."
"Miss Stanton"

chaos."
"Miss Stanton is not in her chair,"
charged Mary Williams. "I am right
where she was sitting and she is gone."
"Let her go," bellowed Tolliver.
"What difference does it make. We still
have enough maniacs left to make the
evening interesting. I smell something. ..."

have enough maniacs left to make the evening interesting. I smell something. "
"So do I," said Miss Williams.
"Ether," diagnosed Tolliver. "Just what we needed to complete the program. . What's that? . . Somebody just put something into my hand."
"What'' demanded Ardwyn.
"Leggo!" shouted Tolliver. "Leggo my hand. . Aw, doggone. . . Somebody took it awuy again."
"Tolliver," called Ardwyn with a queer note in his voice. "Just who are you and what are you driving at?"
"Me, I'm a voice in the dark," replied Tolliver cheerlly. "I'm a customer in a three-dollar seat wonderin' how all this is goin' to turn out. If you're askin' me, I've seen worse shows but I ain't been actin' in 'em."
He halted as if with a sudden swelling of the tongue as a stream of light struck him squarely in the face.
"An electric flash lamp," shouted Ardwyn. "Who had that? Who turned it on?"

"it's out again," murmured Tolliver regretfully.

regretfully.

"So far as I know, nobody who came into this room tonight carried a fiash lamp," Ardwyn stated calmly. "It wasn't in evidence a moment ago when we needed it. Now I should like the person who is holding it to turn it on again and identify himself."

"Hari Singh!" repeated Ardwyn impa-ently. "Open the door and get us a

"Where are the matches?" asked Tolliver evenly. "It might be a good start to light our own light. We could yell for Harl Singh afterward."

"The matches were on the table a minute ago," returned Ardwyn. "They're kone now ... and, ladies and gentiemen, something is amiss here. I do not wish to alarm you but we had better come to an understanding about the matter right away. matter right away.

When this senne started we were all grouped about the table. With very few exceptions we should be in the same positions now. "I should like to have you draw your chairs closer to the table." A sound of moving furnture gave him an immediate response.

moving furnture gave nim an immediate response.

"Very well," he said. "Now every one of you will take the hand of the one next to you on both sides, thus making a human chain about the table. If the chain is complete, everyone should have both his hands occupied. If anyone has one band free, call out."

"All O.K. here," came a report from Tollivor. "Just what idind of a game is this, anyway?"

"Be still, Tolliver," begged the attorney. "Is there anyone who seems to be at a break in the chain?"

"Not on this side," whispered one of the women.

Ardwyn hesitated a moment and then resumed.

resumed. "Well, now," he said. "I shall break the chain here and I shall make a circuit about the table to call the roll. I shall touch the head of each of you in passing and I shall count aloud. This gentleman on my right is number one.

The lady to the right of him is number two..."

He paused with a sudden intake of breath. "But you haven't finished," came a horrified voice. "There's someone next

horrified voice. There's somewhorrified to me. ."
There is," gasped Ardwyn. "You are right. Here—is number twelve. ...
And another still—thirteen!
"There should be eleven of us here.
... There are thirteen!"
He repeated the total in an awed tone.

tone.
"Thirteen!" And only a terrified moaning broke the silence.

CHAPTER TWELVE

Lights Out

Cights Out

OR the first time since the invited twelve had gathered in the gloomy hunt-room to keep their word tryst with death, Frederick Ardwyn was plainly nonplussed. For a chill minute there was no sound of a voice, only the muffled moaning of some woman semi-consectors and apparently afraid to scream lest she attract the attention of the two unidentified visitors. Then, somewhat shaken and making no attempt to conceal his emotions, Ardwyn called loudly for Hart Singh.

As before, his call school in the long

Singh.

As before, his call echoed in the long room without response.

"Can't anyone find the matches?" he called. "Break the chain and look but the matches. They should be on the floor somewhere near the candlestick." "Maybe we're better off in the dark." suggested Telliver. "No telling what our new friends look like."

"Shut up and look for the matches," ordered Ardwyn.
"I'm looking," replied Tolliver. "So is everybody else. This is my hunting ground, you—get off my hand! That's the second time somebody has walked on my hand..." on my hand. y hand. . . ." generator hum sounded in the

A generator hum sounded in the Radlo.
"Quiet a moment," counseled Ardwyn. "There's something on the Radio again. "Me. I've heard enough Radio," de-clared Tolliver from under the table. "Get off my hand—dogsone it—a man ain't safe even under the table in this place."

place."
"This is Station FYX," came the voice from the loud speaker. "Station FYX signed off A few minutes ago at the request of the coast caurd to avoid interference with an SOS call from a boat on Pelican Bay. This station will presume transmission in five minutes. The const guard station reports a mystery in connection with this call. The ship to which it was traced apparently was not in distress at all. She was



He halted as if with a sudden swelling of the tongue as a stream of light struck him squarely in the face.

There was no response.

"Please don't make a joke of this, iadies and gentlemen," the lawyer hegged. "We have had enough mystery tonight and it is essential that we know who turned on the light..." But his plea ended in the unfathomable stlence. "Hari Singh," he called. "Where is Harl Singh," is that I thought," commented Aunt Helen. "The heathen has locked us in an gone off somewhere. You might know he'd be mixed up in the scandalous doin's someway."

"What ought to be the total?" inquired Tolliver,

"There were eleven of us in this room when the doors were locked," explained Ardwyn significantly. "Here are numbers three and four . . . and five and six. . ."

"That makes me number seven," said Tolliver. "Horry up your came."

"That makes me number seven," said Tolliver. "Hurry up your game. I'm at the end of the table and it's a long reach between hands."

"A lady—number eight," counted Ardwyn. "Two gentlemen—nine and ten.
And I can count myself as eleven. ..."

overhauled in an attempt to slip through the narrows without lights. It is believed that the calt was sent out to create a diversion and draw the attention of the coast guards while some other craft made a landing of contraband somewhere on the buy front please stand by a few minutes for our studio program which will be resumed from our studio in Portsmouth." Telliver hughed.

"Bootleggers," he commented. "All this riot about some numb wits tryin to land a launch-ful o' hooch.
"Ardwyn, are you sure you counted right?"

ET the matches, you fool," countered Ardwyn. "You heard me count. Nobody could have chain. The break would certainly hav, been no liced. There are thirteen persoris in this room where there only oneby."

be eleven and we'll never know who they are until we get a light."
"Who can they be?" whispered Cousin william Carryl.

William Caryf.

"Who am I to say?" replied Aunt Helen Holmes. "All I know is I been actin' a lady ever since I came into this den of evil. An' all I'm prayin' is I get out again."

Her voice cracked for all that she spoke in the mechanical sing-song of the professional exhorter. It was not some actions of the professional exhorter. It was not some actions of the professional exhorter. It was not some actions of the professional exhorter. It was not some actions of the professional exhorter. It was not some actions of the professional exhorter. It was not some actions of the professional exhorter. It was not some actions of the professional exhorter. It was not some actions of the professional exhorter. It was not some actions of the professional exhorter.

ner voice cracked for all that she spoke n the mechanical sing-song of the profes-ional exhorter. It was a whimper toward

sional exhorter. It was a white and the end.
"Murderers, probably, Cousin William." she said. "Murderers come to kill us all just like Cousin Peleg Turner said they would. Listen. ."

would. Listen. "Peleg Turner said they would. Listen."
I can't hear anything," observed Cousin William. "Nothing but this buil of Bashan under the table cursing about semebody stepping on his fingers.
"Keep chose to me, Cousin William, keep close to me. I'm afraid. Pray for a light, Cousin William. Pray for a light,"
"It some of you people will let me up we'll see what's going on here," announced Tolliver, exuitantly. "I think I've found the mutches, Leggo of me. Leggo..."
His vokee choked off in a surprised gurgle and there came a crush of a breaking chair and a shriek.
"Two can do that," he gasned a memorial can be controlled."

gle and there came a crash of a breaking chair and a shriek.

"Two can do that," he gasped a moment laue, his voice strained until almost unrecognizable. "There's one for you." A second crash sounded through the room. "The murderers," screamed Aunt Helen. "They're killing him."

"Legge my neck," commanded Tolliver. Another unheaval shook the table and nearly overturned it.

"Quick — Mr. Ardwyn — quick — on the table. There they are. The matches—I got him now—I got him now..."

And then came the slipping feet on the caken fleer and the labored breathing of the fighting men.

"I have the matches," shouted Ardwyn.

have the matches," shouted Ardwyn.

"I have the matches," snouted arown.
"Hold him a second... just a second...
We're eight to two..."
""Don't light that match!" come a harsh
command from close to his elbow. "I'll
shoot to kill at the first flicker."

While waiting for the amazing complications to be brought out in the next installment of this remarkable Radio mystery story, try to figure out these questions: Was it the odor of other that Tolliver thought he smelled? Whose hand held the flash light? Who fought with Tolliver and threatned the first to strike a match? Don't miss a line. Get the next issue as soon as it appears.

LEGION RADIO POST MEETS EACH WEEK

Veterans of World War Not Living Near Organized Chapter Are Eligible for Membership

OKLAHOMA CITY, Okla,—The only American Legion Radio Post in the world holds its weekly meeting every saturday night at midnight through Station KPJF, here. The post is convened and adjourned in due form and for an hour lusiness is transacted and entertainment enjoyed.

Alwane who was a second of the control of the contr

ment enjoyed.

Anyone who saw service in the World war, and who lives where there is no regular post, is eligible to membership. The dues are the same as those of a regular post, \$3.00 per year, giving the membership certificate, the American Legion weekly and the Oklahoma legionaire.

Get On Killer's Trail and Follow It to End

Last Chapters of Mystery Play Hold Many Clews

Do your mystery story sleuthing early—but not too early.

Many last chapters to "A Siep on the Stairs" have already been received by the Mystery Story Editor of Radio Digest, But they are premature. No one can, from the facts already in had, reasonably draw safe conclusions as to the real culprits, non as to the innocence or guilt of the characters thus far introduced.

Some life supervises one in stars, for the

of the characters thus far introduced.

Some big surprises are in store for the final installments. Thrills of a new kind, not yet presented, will startle both readers of the story as it now is ampearing weekly in Radio Digest and listeners of the drama as it is heard from the various broadcasting stations.

Take this tip. Study every fact thus far revealed from the first chapter to the current issue. Compare the data thus obtained with the new facts to be developed. Match them one against the other. And when you have all of this material together draw your deductions and write that chapter. If so business proposition. Get it right and Radio Digest will give you a share of the 3500 reward.

Get the murderer of Jeremisia Turner, Getting back to the home town for a moment. Compelled by its rapid growth to seek larger quarters, the Broadcast Listeners' Association of America, Inc., has located in suite 927, 431 8. Dearwhorn street, Chicago. It is claimed for this organization that it is America's original Radio fans' club, and there is no doubt of its being the largest outfit of its kind. Officers or members of the staff will be on duty every business day to receive callers and answer mail inquiries. A private branch excliange, Harrison \$227-\$228, provides for prompt phone service. The B. L. A. now has local chapters in 25 states. The yearly fee for associate membership is one dollar, and five dollars is the cost of an active membership.

Get the murderer of Jeremian Turner, lead or alive, and collect the reward!

\$500 in Gold

FOR THE SOLUTION OF

"a Step On the Stairs"

REPRINTS NOW AVAILABLE

S o MANY people are attempting to win part of the same O MANY people are attempting to win part of the \$500 in Gold perlass which are being offered for sclutions to "A Step On the Stairs," a reprint of the first four installments has been printed and may be had for the nominal charge of twenty-five cents, in coin or stamps, to cover the cost of handling Address your order to the Mystery Story Editor, care of Radio Digest. The chosen stations, which are broadcasting "A Step On the Stairs," in Radio play form, are given on page eleven. The days and the hours are listed.

THE PRIZES

The prizes are seventeen in number. First prize is \$250; second prize is \$100; third to seventeenth prizes inclusive, are \$10 each. In the event of a tie for any prize offered, a prize identical in all respects with that tied for will be awarded to each tying contestant. contestant.

HOW TO WIN A PRIZE

Nine installments of Mr. Casey's story will be published consecutively

Radio Club Notes

"Montgomery for Better Radio Recep

Janesville (Wis.) Daily Gazette is or-ganizing a club to decrease radiation in that locality and has now joined the long list of newspapers reprinting the Radio Digest blooping series.

Of the thousands who have sent in "I Won't Bloop" pledges, we must put down Harold Shields, Petersbury, Alaska, as being the first to help the cause from this far away state. Autonio Gomez is our first member from Eavana, Cuba. Our Mexican friends seem to have been too busy settling who gets the oil profits to join as yet, but there is still hope.

been settled satisfactorily.

each week. The first appeared in the Pebruary 27 issue. His tenth and final installment will not appear until the prize winning solutions have been selected by the judges. The solution nearest correct, that is, nearest to unraveling the mystery accurately, will win. The method of proparing the solution—its nearness, legibility, etc.—shall be considered.

RULES OF CONTEST

RULES OF CONTEST

1. Solutions must be received not later than midnight of Saturday, May

1. The ninth installment of the story will appear in the April 24 issue. The author's intended and final chapter will appear in the May 15 issue, together with the announcement of the winners' names.

2. The contest is open to everyone except employes of Radio Digest and their families.

3. Contestants pay no fee and need not be subscribers to Radio Digest. Solutions, however, must be written upon one side of paper.

4. The decision of the judges, to be named later, will be final.

YO-HO-HO SING PIRATES

(Continued from page 5)

ang clear above the rest. It was Printe's Dream." And thus he sang: Fritcen men on a dead man's chest—Yo-ho-ho and a bottle of rum;

Bloopers and static had done for the

Yo-ho-ho and a bottle of rum.

Yo-ho-ho and a bottle of rum. The tenor croaked at the boss'n's mike, The boss'n brained by a grounding spike; The basso's throat was sprained belike. It had been gripped by fingers ten. And there they lay, all good, dead men Like break o' day in a boozing ken—Yo-ho-ho and a bottle of rum." Then, as the captain paced back and forth, there came a tapping at his cabin door.

The committee back of the movement to establish a Radio Listeners' club in Evansville. Indiana, communicated with Radio leaders of Cleveland and Indianapolis to obtain detuiled information so they could go ahead right. Edward Birdsail, at the head of the Listeners' club of Cleveland, was asked for aid and gave it gladly. Station WFBM of Indianapolis, has also helped the cause. On receipt of exact data from various other sources, the first meeting will be called for adoption of a constitution and election of officers. Indications are that membership will quickly run into the hundreds.

"Come in," he said in his deep sea voice and paused expectantly. A tall, heavy-set man in a long raincoat, a drooping black hat and number 14 shoes crushed his way into the room. Striding boldly up to the

"Montgomery for Better Radio Reception" is the enterprising slogan of the Montgomery (Pa.) Radio elub. This club was organized March 3, with 150 members at the first meeting. The president is Joseph Shelley and the vice-president is Harold E. Miller. It is surprising how much Radio interest and desire for improvement in receiving conditions there is in any locality, once somebody starts the ball rolling for the formation of a club.

into the room. Striding boidly up to the captain he demanded:
"Are you Captain McDonald, the skipper of this WJAZ?"
"Aye, sometimes I have been so called," smiled McDonald.
Porthwith the stranger pulled from his pocket a summons and began to read.
"And you are therefore commanded," he was reading, when the captain interrupted: "Forsooth, where do you get that stuff I am to be commanded, aboard my own brig?"

The minion continued to read without so much as lifting his eyes:
"You are finished?" asked the captain at last. The man tendered the folded paper. The captain struck a gong. Two bearded giants stepped into the room, and as villainous a looking team as ever you might find from Yucatan to Timbutoto, They were armed with cutlasses and dirks and between the two of them they had but two good eyes, the others doubtless gouged out by some drunken brawl or light on tempest wave.
"Besort the gentleman from the sta-Pennsylvania certainly came through this week and told us what it was doing. Even the dealers have organizations interested in improving Radio reception and recently the Williamsport (Pa.) Radio Dealers association, at one of its weekly dinner meetings, invited Lewis W. Heath. manager of the Pennsylvania Power and Light company, to tell them what his company was doing to eliminate any interference it may have been causing. George Knoll, trouble shooter for the power company told those in attendance of several interesting cases that had been settled satisfactorily.

"Escort the gentleman from the sta-tion," ordered the captain. There was the merest shade of a twitch of the com-mander's right lld and an arch of the

"Aye, aye, sir," that ominous response. An understanding flash passed between those two widowed eyes. The men stepped forward and took the minion by either elbow. He reached for his hip but his hands were caught in lion jaw grips and he found himself moving briskly, his feet searcely touching the floor. They steered him to the plank that jutted out forty fulfours above the bottom of the ether sea. A hatch door slammed, the plank flipped and the minion stepped into space, floating downward to the waiting scullions who stood ready with mops and palls. "Aye, aye, sir," that ominous response pails.

palls.
"Wave ho!" Sharktooth Matthews, the lookout announcer, called down from the forward tower. Captain McDonald stepped

torward tower. Captain McDonald stepped to the rail in front of his cabin.

"What wave, ho?"

"A 'C'; she is makin' it at 329.5 meters. Leastwise, she flies the Union Jack."

"We'll take it," replied the captain.
"Put about, norb'norbwest and nail her square. Bring out the forty-eight brasses and tell Hivoltz to let go when ready."

WHAT SHOULD RADIO RECEIVER AVERAGE?

HOW MANY STATIONS DID YOU GET LAST YEAR?

Conditions Surrounding Reception Affect Answers, But Here Are Few Marks for Records

tlons.

11. Raymond McGillis, 1720 Iowa Arc., 221 stations, single tube regenerative.

12. Ross Hanch, Route 7, Daraboo, Wis., 203 stations, shugh tube regenerative.

with a crash and a blare all forty-eight brasses, the woodwinds and drums of the staff band hurtled salvo after salvo over the "C 329.5".

"A hit!" shouted the captain. And the cry echoed down the ether lanes, from Hudson Bay to Cape Horn.

"Pirates! If this be piracy, then are we pirates and pirates we shall continue to he until the crack o' doom," he added. And the day came when the captain was indeed haled before the high court.

"With apologies to the Konorable David Lloyd George," said he, "I ask, what finger wrote the law that makes us pirates in the free air of America?"

Thus the matter stands to this day, with laws and laws and proposals of laws before the national congress and the stare. But WJAZ still sails the ether seas and she rides the waves as she wills. The inspectors and the chiefs still bluster and fume but beyond that there is little compilaint to be heard, for the pirate captain takes good care not to intrude obnoxiously into the homes of the listeners.

FIREMEN TURN ON MIKE

FIREMEN TURN ON MIKE

(Continued from page 4)
control from the famous Saxe Wisconsin
theater through WHAD. The explanation
seems to lie in the generous distribution of
microphones placed where they will pick
up the little stray notes generally lost in
the average theater broadenst. It is
claimed that twency-one microphones have
been placed in carefully tried out positions
so that every tone is recorded and reproduced in the receiver.
The most distant point at which WHAD
has been heard is Tabiti, 6,600 miles from
Milwaukee. The management early established a rule prohibiting the announcement of names of persons who write in for
request numbers or similar purposes.
But, have a heart; don't ever start a fre
you can't put out while the fire laddies of
Milwaukee are on the air, that is, if it is
your intention to turn in the alarm through
a Milwaukee station. Because if you
should, the chances are the omsic would
stop so suddenly you'd think it was your
receiving set that was ablaze and the rest
of the listeners never would forgive you.

of the listeners never would forgive you.

Upton Sinclair Would Have

State-Owned Radio Station
SACRAMENTO, Calif.—A state newspaper, a state bank and a state Radio brondeasting station would be established by Upton Sinclair, the Pasadean author, if he were elected governor, the recently announced Socialist candidate for that office announced in a formal statement of his platform received in Sacramento.

www.americanradiohistory.com

ADVANCE PROGRAMS FOR THE WEEK

Saturday, April 3

Headliners Today | Headliners Today | Eastern Central Mountain | Pacific Side p. m. | 7:10 p. m. | 6:10 p. m. | 6 10 (\$10.580-6398c) Travelers quartet.
10 9 8 7
WOAW (\$250-3796c) Fourth Amirersary.
WOC (\$485,00-6209c) Jack Little.
17.30 9
WOD (\$175.0n-6590c) Hited Hand's Little symptoms. pitony.

WOR (406 2m-749ke) "A Step On the Statrs,"
mystery story,
1 10 9 8

KFT (167m-649ke) Debate.

KCW (491.5m-649ke) Debate.

KCHIS (374.8m-890ke) Quachita college orchestra.

Saturday, silent night for: CNBA, CNRC, CNRE, CNRM, CNRR, CNRT, CNRW, KFRU, KFUC, KFUC, KFUC, KFUC, KFUC, KFUC, KFUC, KFUC, KWAC, WABQ, WAIU, WBAL, WCAL, WCX, WDOD, WRAB, WEB, WEB, WEB, WBF, WGBF, WGP, WGHP, WGR, WGST, WHAD, WHAZ, WHN, WHO, WHP, WIAR, WKAR, WHI, L, WWL, WMAZ, WS, WRVA, WTAG, WTIC, WWJ.

William Penn hocel urchostra; 8:15, Youngatown artists, New York, N. Y. (491.5m.-610c); 6 p. m., 184.

E. V. G. W. G. W. (491.5m.-610c); 6 p. m., 185.

WELL W. G. W. G. W. (491.5m.-610c); 6 p. m., 185.

W. G. W. G. W. (491.5m.-610c); 7 p. M. (400.5m.); 8:15, 8.

Subkagueren, hour, W.E.A. W. (787. p. 93. p. m.; 8:15, 8.

Subkagueren, hour, Y.E.A. W. (787. p. 93. p. m.; 8:15, 8.

Subkagueren, hour, Y. (491.5m.); 7 p. M. (491.5m.); 8.

W. E. W. (491.5m.); 8.

W. W. (491.5m.); 9 p. m.; 9

ford dance orchestra; S. recitat; 11. Bellevue Stratford dance orchestra.

WGBS, New York, N. Y. (315.6m-950ke), 6:30 p. m., Vincent Storey connect tria; 7:15, Mac and Lennic; Checkler, "Numerolody"; 8:30, Kiltrofte; gleen and the elubs; 19. Eane's nuver; 19:30, Arrowhead Ian dance orchestra.

WGHB, Cleenwater, Fla. (255.3m-1130ke), 6:30-7:30 p. m., Checkler and his Gatter orchestra; 7:30-7-85, Glee G. Genries; 3:30-30, Mr. and Jack. Charlie and Mac Charlies an

Central Time Stations

KFAB, Lincoln. Nebr. (340.7m-880ke), 8:30-10;30 p. m., Reheudan program, Stanley Kojer; 12-2 s. m., orches-Beheulan program, Stanley Koper; 12-2 a. m., usena-tan.
KFMF; Sinandeah, loss (263m-140Rc), 7 p. m.,
KFMF; Sin and-time fiddling; (440.0m-690ke), 8 p. m.,
studio program, August Zamler, basso; George Howerton, organist; 253c Vaucha, cidilata; Louis Downie,
come; Yibles Charsen, primits; and resider.
Lutt, organist; 253c Vaucha, cidilata; Louis Downie,
come; Yibles Charsen, primits; and resider.
Lutt, organist; 253c Nucl. Jacquez Louis, arXivor
L. 11t, organist; 253c Nucl. Jacquez Louines, organist;
7, urchestra; Lela Bunte, contraito; S. Edward Goesling, barlone; orchesira; 9, orchestra; 10, popular tunce hour.

(O.L., Connect Bluffs, lowa (277:fbm:1680kc), 6:30 p. m., Congress hotel dilmer untsit; 7:30-9, home-lorers' hour; 10. Los Kenses; 7:31, 10. Los Kenses; 7:32, 10. Los Kenses; 7: dance hour. (KO14. Council Blufts, lewa (277.0m-1080kc), 6:05 p. m., "Y". Plonter Radio club; 6:30, McCowy's music period, Leo Kearse; 7:15, Tattle Tales; 7:30, paramaprogram; 11. Big Puw-Wow, Randall's Fontenelle weshestes.



Sopranos can learn the limitations of the microphone and sing only those selections which will reproduce well. Among the intelligent sopranos of the Facific Coast is Elsa Lee Wilson. Fans always appland her when she visits KHJ.

S.59. Frank Tilton, blind boy planist; 10, Phautoms; 11, Vaughau's Virginians.
KSO, St. Louis, Me. (654, Im-350ke), 7 p. m., Grand Central theater; 9, Easter cantata, First Christian church.
KTHS, Met Springs National Park, Ark, (374.8m-800kc), 3-9-30 p. m., classics; 9:30-10, Matthied Cointry singers, 10-10-30, Oughtta college orchestra; 10:30-11, Image Louis; 6 Golden Phessant cancerd orchestra; 10-10-30, Oughtta college orchestra; 10:30-11, Image Louis; 6 Golden Phessant cancerd orchestra; 10:10-11, Image Louis; 10:10-11,

High Lights of the Week

TOLLING of bells, booming of guns, crashing of thunder and yelling of mobs will make "America," the historical pageant given by WOAW in celebration of a fourth auniversary Saturday, an event in Radio. The pageant includes twenty-three episodes, taking the listeners from Columbus through the world war. An event which will interest the animal lover is the talk by Ernest Thompson Seton scheduled at WTIC.
Radio may now be classed with

Ernest Thompson Seton scheduled at WTIC.
Radio may now be classed with Easter bunnios, colored ergs and the more serious traditions of this season of the year. Easter sunriso services will be broadcast by two-Los Angeles stations, KHJ and KFI. Easter Pontifical high mass may be heard by tuning in for KSD at 11 a. m. Central time. Special music will be broadcast during the regular Radio services. Among the special programs are the Philharmonic orchestra concert at WDAF, the Apollo male quartet at KYW and the Atwater Kent program given this Sunday by Albert Stoessel and the New York oratorio over the WEAF chain.

"Ain't Nature Grand!" Fans will find out for themselves if they tune in for WOOD, Grand Rapids, Monday ovening. Prominent artists of this city are appearing in the presentation. KTHS screnades Latin America with a Spanish program this same evening.

Nortine Gibbons and her Girl Friend is a team which is rapidly becoming one of the favorite features of the Tuesday evening programs of WLW. Cinclinnati. These artists appear at 6 p. m. Central time. Miss Gibbons sings the latest popular songs.

Gibbons slugs the latest popular songs.

Just an old-fashioned concert given in an old-fashioned way is the entertainment planned by the Operatic quartet for Wednesday evening at WEZ. The falk to be given by the head of Wellesley college at WEEI will attract Wellesley alummae. President Ellen Fitz is looking forward with pleasure to meeting Wellesley graduates over the air.

Pat Barnes, announcer of WHT, was fannous before he went into Radio work for his appearance in his own vaudeville skit. "A Buck on Leave." In answer to many requests from fans he will give a Radio version of it Thursday. Eighty voices will be heard over the microphone. Ex-service men will find this production reminiscent of French experiences.

"A Little Mora of Eventthing" to

iniscent of French experiences.

"A Little More of Everything" including their Cockney monologuist
and Russian bass will be given by the
Radio Raiders when they return for
a second appearance at CNRT, Toronto, Friday. These airy highwaymen have found they can enter any
home regardless of looks as belts. home regardless of locks or holts. Their gay voices will steal forth from a million or so loud speakers.

WDAF. Kansas City, Me. (365.6m-829kc), 6-7 p. m., orani music; Triation ensemble; 11-35-1 a. m., frolic. orani music; Triation ensemble; 11-35-1 a. m., frolic. orani music; Triation ensemble; 11-35-1 a. m., frolic. orani music products; James Murow; Lenou, 11-10. Orale credicate; James Murow; Lenou; marinha Land; 11, Neumaliler, pianlat; 9-9:15, news; 91:5-16. Orale credicate; James Murow; Lenou; marinha Land; 11, Frank Gredf, 2001; 2, 10-9:10, news; 91:5-16. Orale credicate; James Murow; Lenou; Lenou

turner: 1.1.00 and one of the property of the control of the contr

p. m., Lugene Vehrman Schaffner and ortists.

KFWA, Onder, Utah (260.7m-1150ke), 9-10 p. m.,
Olfe Reteva and Into ornatesta: 18-11. Merry Made

KFWA, Colorade Springs, Code (250m-1200ke), 9-10. m.,
Hammond's Cottage City corticates.

KOA. Denver, Colo. (322.dm-950ke), 10:15 p. m., dence

Problems, Schemenkan's Colorado orthecksten.

Ref. Conference Suprings, Come Recommissions, 5 P. im., Cancer Code, Cod

Sunday, April 4

Headliners Today

Eastern Control Mountain Pacific 6 P. 20 P

www.americanradiohistory.com

WOAW STAGES HISTORICAL PAGEANT

Sunday, April 4

Eastern Control Mountain Pacific 9:12 n.m. 6:15 p. m. 7:13 p. m. 6:15 p. m. WEAF (101.5m-610ke) WEEL WEAF (201.5m-610ke) Stouras Sundoy night club. 7:10 p. m. 7:20 p. m.

Suaday, silent night for: CFAC, CHIC, CKAC, CKNC, CNRA, CNRC, CNRE, CHRM, CNRO, DARR, CNRT, CNRT

Eastern Time Stations

CRAC, Mentreat, Can. (440.7m-730kc), 2345 p. m.,
Chritin Harster symmotors.

CRACE Mentreat, Can. (440.7m-730kc), 2345 p. m.,
Chritin Harster symmotors.

CRACE Mentreat Can. (440.7m-730kc), 2345 p. m.,
CRACE Mentreat Can. (240.7m-730kc), 3345 p. m.,
CRACE Mentreat Can. (240.7m-730kc), 3345 p. m.,
CRACE Mentreat Can. (240.7m-730kc), 3345 p. m.,
CRACE Mentreat Can. (240.7m-730kc), 334 p. m.,
CRACE Mentreat Can. (245.7m-1220kc), 6:30-7.30 p. m.,
CRACE Mentreat Can. (245.7m-1220kc), 4 p. m.,
CRACE MENTREAT CAN. (245.7m-1

7-15. Cataby Garden orchestra; S.20., 16177 O'Monte and the Lorentz Teller ensembles; 1015. American and the Lorentz Teller ensembles; 1015. American WEAF. New York, N. Y. (491.5m-616ke), 2 p. m. Sanday Hadio cervices under caussices of Greater New York Pederation of Churches; 3, young Bospie's envoyant Pederation of Churches; 3, young Bospie's envoyant Churches; 4, young Bospie's envoyant Churches; 5, young Bospie's envoyant Churches; 6, young Bospie's envoyant Churches; 6, young Bospie's envoyant Churches; 7, young Bospie's envoyant Churches; 7, churcher makinade, WALE, 7:20, Castod theater, WYAR, Churche, WALE, 7:20, Castod theater, WYAR, WILL, WYAR, WALE, WALE, 7:20, Castod theater, WYAR, WILL, WYAR, WALE, WALE, WALE, WWJ, WOC, WCCO, WEIL, Beston, Mass, G48-5m-650ke), 10:20 n. m., of the Churches, Churches, Wale, W. Churches, W. Sanday Churches, Churches, W. Sanday, M. S. Schott Convert, group; 5, Jacoban Marsite's Starking Diamonds; 7:20, WEAF, 915. WEAF, 915.

WGY, Schenschafty, N. Y. (379.5m-790kc), 11 a. n., St. Teter's Educacyal church; 3 p. ns., WPDL; 4, 81. Peter's Educacyal church; 3 p. ns., WPDL; 4, 81. Peter's Educacyal church; 3 p. w3Z.
WHN. New Yerk, N. Y. (361.2m-380k), 11. Echindre or an recisin; 2-9, therene Goung Christian Endeuvor revoran; 2-1-120. Ratio Hilbid chast; 5-5-30. Rouseland dance nechestra; 7:20-8-26, Calvary coronas soviece; 11-120-120, 11

WIT Philadelphia Pa. (394.5m.-760ks), 5:30 p. m., lieslamia Prankiin hede device nextal f. Benjamiin Franklin hede device f. 230. Churchili Tshermedo. WHAR. Bullade, N. V. (265.3m-1430ko), 10:25 g. m., Fritz Praeksterian church; 7:30. Churchili Tshermedo. Friest Churchi of Christ, Stevilski. 330 g. m., Danald Flaumia Fralketer; 5:50, Hal and Fritz, 6, Renner's Fralketer; 5:50, Hal and Fritz, 6, m., Danald Flaumia Fralketer; 5:50, Hal and Fritz, 6, Renner's Churchili Franklin string environmental fralketer franklin string environmental fralketer franklin string environmental fralketer franklin string environmental fralketer franklin environmental fralketer franklin environmental fralketer franklin environmental fralketer franklin frank

WTAG. Westerster, Mass. (207.7m.1120ke), 4-5-29 p. m., WEAF, 7:239-1:15, WEAF, 9:15-10:15, WEAF, 7:239-1:16, WEAF, 9:15-10:15, WEAF, 9:15-10:15, WEAF, 9:10-10:15, WEAF, 9:10-

Central Time Stations

Central Time Stations

(FAB, Lincoln, Nobr. (340,7m-200kc), 4-5 p. nt., 7espoys 6-14, nucleance. (233m-140kc), 10-15 p. nt., 7espoys 6-14, nucleance. (233m-140kc), 10-15 p. nt., 7espoys 6-14, nucleance. (233m-140kc), 10-15 p. nt., 7espoys 6-15 p. nt., 7espoys 6

KPRC. Heiston, Texas (296.9m-1010kc), 10:55 a. n., First Chipren of Christ, Scientist, 7:50, South Fac-Christian church; 3:36, Honaton municola orchestra, KSD. St. Louis, Mo. (645.1m-550kc), 11 a. n., High mass, Now St. Louis cathedral; 6:15, WEAF, 8:15,

NSU SC. Leuis, 1, 163-5, 167-5

Lean Unaries II. Brown, speaker; 9:30-11. Edison process.

WAMO, Minneapolis, Minn. (243.8m.1230kc), 10:30

a. m. Field. Unitarian citumit; 3 n. m. peodiar musicale: h:15. Radison hotel concert orchestra; 6:45, Archiur Faust, Leono Paust stock common; 4:30, Geyld WBAP. Fort Worth, Texas (475.8m.630kc), 11 a. m., First Prochestral an citumit.

Arthur Faust, Leone Faust, store munistry man, ware Wrond, plants worth, Texas (473.8m-630ke), 11 a. m., Fürst Presbyterian church; 5-6 h. m., Bantist somitistic properties of the control of the contro

sice modiner, 8-10. Alemite ordisestar, Pauline Stiffler, Atlass, stellinists, 19-13. Gult-time song period; 12-2. Nutly club.

WOBD. Zion, 111. G34-6m-8708c), 8 n. n. Special WOBD. Zion, 111. G34-6m-8708c), 8 n. n. Special Wobb. Commission, mixed quarter, cantains: Hhe trio, Richard Hira, violinist: P. Nescouner, cornetivity Mesers, Newvonner and Stewart, dustifierty fart. Thomas, 85-prano; M. Barton, lenor; Lots Wiedman, reader, Jaarton Pridds, punish.

matinese program; 7:40-9. Fifth Church of Christ.

Scientist, 29-14, Sunday might feetle.

WOAN Omaha, Nebr. (\$25m-570ke), 9 n. p., claspel service, Ber. R. R. Brawn; 1:30 p. n., classical; 9, 1. Test Presbyterian charel.

For Presbyterian charel.

For

comedy. 2 no. 2 no

Monday, silent night for: CKAC, CNRA, CNRC, GNRE, CNRM, CNRO, CNRR, CNRV, CNRW, KFAU, KFMX, KFWA, KHJ, KLDS, KFSN, KSAC, KODA, KYW, WBBM, WGDB, WEAD, WEBH, WEBI, WEBW, WGBW, WGB, WGA, WHAS, WHT, WHOO, WHY, WAZA, WJJD, WLG, WGA, WAAS, WAS, WHO, WMBB, WOAI, WOC, WOK, WORD, WOAI, WRA

Eastern Time Stations

CKNC, Terosta, Can. (356.4m.e348c). 9 p. m., Toronta Conservatory of Music; instrumental trin; Prank Blach-ford, violants; Lee Smith, cellist; Metric Generoc, pianist; Mrs. Harry Hodecits, appearac; Aritatr Hight, Sartione; KDICA, Pittsburgh, Pa. (399.1m.e379ke), 659 p. ne. dinner emocri; 8-20, Bawatlan masle; 9, Road Jight dinner emocri; 8-20, Bawatlan masle; 9, Road Jight

dinner ennert; 8:30, Hawatian music; 9, Ruud Jishtopera baitt;
WABQ, Hawariard, Pa. (261m-1150kc), 11 p. m., AvdWABQ, Hawariard, Pa. (261m-1150kc), 11 p. m., AvdWAHG, Richmond Hill, N. Y. (315.5m-954kc), 7:30
p. m., May Sensita program; 8, Synchrophase hour;
9:15. Joint, redfail: Edma Inekstein, planist; Jehn
van Agpe, temer; 19:25, CHT Ufrich and Charles Meest;
19:20, Jos Ziamerman's orchestra; 12, Queen Medoly
19:20, Jos Ziamerman's orchestra; 12, Queen Medoly

9:15. Joint rectial: Edita Mackatelii, planics; John von Aape, tenez; 10:26; Liff Urith and Charles Wees; Jones and John St. (1988). Life Urith and Charles Wees; John St. (1988). Life Urith and Charles Wees

. B., bernesson.

B. J. Bernesson.

B. Starks, director; 11:30-1 a. m., rain.

B. Starks, director; 11:30-1 a. m., rain.

B. Starks, director; 11:30-1 a. m., rain.

B. Starks, director, director, director, rain.

B. Starks, director, director, director, rain.

B. Starks, director, dire

planist: Philip Winnmah, Butist; & trombonist. YHAZ, Troy, N. Y. (379.5m-790kc), 9 p. ladustrial Faren boys: 9:15, one-net come Kable"; 10:15, Johndess Affinitels and

inhubirlati Farm hows; 3:15, one-act comody. "Kupid's Kable"; 1915. Jobicles & Milaricai and culverlaines, Kable"; 1915. Jobicles & Milaricai and culverlaines, combined on the Milarica and Charles & Company & Company

dance orchestra: 10:00, vandertila features, Fars Knickerbeiter intester: 10:15, kil Patin dance orchestra.

Knickerbeiter intester: 10:15, kil Patin dance orchestra.

Marray Whitisman and his scenasiers; 8:20-9, ms.-Marray Whitisman and his Mahahin stitus exception; 6:20, Olsert Lyai and Hosel Mahahi stitus exception; 6:20, Kutta Kaunteal Klaps; 11:30, Jack Demny's orchestra: 12. Mahahin entertaines; 12:36 a.m., Van and Schenek; 12:30, Parady orchestra: 500, Martin Schenek; 12:30, Parady orchestra: 12. Mahahin entertaines; 12:36, a.m., Van and Schenek; 12:30, Parady orchestra: 500, Na. Mahain entertaines; 12:30, parady orchestra: Whitisman entertaines; 12:30, parady orchestra: Whitisman entertaines; 12:30, parady orchestra: 10:30, orchestra: 12:30, parady orchestra: 12:30, orchestra: 12:30, parady orchestra: 12:30, orchestra: 12:30, orchestra: 12:30, parady orchestra: 12:30, orchestra: 12:30, parady orchestra: 12:30, orchestra: 12:30, orchestra: 12:30, orchestra: 12:30, parady orchestra: 12:30, orches

EDUCATIONAL FEATURES

10 9 8 7
WMAQ (147.5m-670kc) lecture, University of Chicago.

Wednesday, April 7
Enstern Control Mountain Pasite
530 p.m. 530 p.

Eastern Central Mountain Paolite M. 1515 p. m. 5115 p. university. 9:30 8:30 7:30 10:30 7:30 KELJ (395.2m-7-10kc) Astronomy, Dr. Mars Baum-gardt. 10 9 8 WSAI (335.9m-920kc) U. of Cincinnati.

Thursday, April 8
Eastern Central Mounteln Pacific
7 p. m. 6 p. m. 5 m. 4 p. m.
WKAR (285.5m-1659kc) Natura Study
8:30 S-30
WKW (422.3m-710kc) "Wild Animals in Candle-

WSUI (483.6m-629kc) Correspondence courses, 9 8 7 6 Ex-1ension. 9:30 8:30 7:30 5:30 WMAQ (447.5m-670ko) lecture, University of Chi-cagu.

Friday, April 9
Eastern Central Meentain Pacific
5:30 p.m. 4:30 p.m. 3:30 p.m. 4:30 p.

Carrer. 7:35 6:35 5:35 4:35 WGT (379.5m-790ke) French lesson, Leon A. Hugnensont.

Mugnemont. 8
WPG (200.8m-1000ke) "Adult Ednestion for Collect People," W. Hibbard Smith. 7
WMAQ (447.5m-670ke) lecture, Direcestry of Chicago. 8:15 8:15 7:15
Wild (447.5m-630ke) Cartoon lessons, Dud Kings-

10:30 9:30 8:30 7:30 KMTR (238m-1260ke) "Wonders of Nature," Prof.

Conkman, 10:45 0:45 8:45 7:45 KOAC (280.2m-1470te) "How Rocks Are Formed," D. C. Livingston.

WSB, Atlanta. Ga. (428.5m-700ke). 6 p. m., East Point Dapilist church choir; 7:30, Wesley Monorlal Metho-dist church service. WSM. Nashville. Tean. (282.8m-1050ke), 10:39 a. m., Pitst Presbyferian church. WSUI, Iowa City, Iowa (483.5m-820ke), 7:30 p. m., Celetto Pointman, seprana; Zita Fahrmann, planist.

Mountain Time Stations algary, Can. (435.8m-688ke), 7:30 p. m., St.

Celette Februmann, soprane; Zita Februmann, pinnist.

A Mountain Time Stations

FAG. Calaary, Can. (435.8n-688ke), 7:30 p. m., St. Stepher's educab.

KFAF, Colerade Surfings, Cole. (250m-1200ke), 11 a. m., The Colerade Surfings, Co

Kron, Long Beach, Calif. (232-in-1280kc), 2:30-Kron, Long Beach municinal bard; 7:35-9, Firm Church of Christ, Scientist; 9-10, Burk Pederal dance arrivestra; 10-12, Helene Smith, planist; Freddy Canter.

Church of Christ, Scientist; 9-10, Burt Pedersen's state affiliation; 20-12, Helens Smith, planist; Preside, State of St

Monday, April 5
Eastern Central Mountain Pacific
6:38 p. m. 5:30 p. m. 4:30 p. m. 3:30 p. m.
WNYC (6:38m-579ke) German lossons, V. H. Berliuz.

| State | Stat

Tuesday, April 6
Eastern Central Mountain Pacific 7 p.m. 6 pr.m. 5 p.m. 4 p.m.
WKAR (285.5m-1656c) Nature study. 7:10 6:10
WRC (485.5m-5606c) Radio school of international relations. 7:30 6:30
WKZ (203.1m-9000c) Journalism, Edward E, Whit-WKZ (203.1m-9000c) Journalism, Edward E, Whit-

wgy (379.5m-790kc) "How Old Is the Earth?" Prof. E. S. C. Smith.

WCCD, allineaguis-St. Paul. Min. (416.4m-720c).

WCCD, allineaguis-St. Paul. Min. (416.4m-720c).

1200 sindy: 4:11. Source of Rope Presbyterian church: 2 h. m.
12010 sindy: 4:11. Source of Rope Presbyterian church: 2 h. m.
12010 sindy: 4:11. Source of Rope Presbyterian church: 6:20. Seemed Church of Christ, Scientis: 8:15. WKAF.

WDAF, Kansas City. Mo. (365.8m-820c), 3-4 p. m.,
Phillatrannia crockett; 4:435. Vespers.

WEBH. Chicago, 111. (370.2m-310kc): 10.3a-12. None.

Seemed Church: 10.100. Ann. 10.100; 7-8, nows; Orbito orbostra; arclass.

WEMC, Berfelo Springs. Mich. (285.3m-1050kc), 11

a. m., organ, Lichthouse short: Cardinal string onlineinness chot. Cardinal string quintet: 905. Martha

Hoteldson, soprano.

WGBF, Evansville, Ind. (235.1m-1270kc), 6:30 c. m.,
St. Lurus church: 10:30, St. Lucus church: 40 m.

WGB, Shawaille, Ind. (235.1m-1270kc), 6:30 c. m.,
St. Lurus church: 10:30, St. Lucus church: 40 m.

WGB, Chandille, Ind. (235.1m-1270kc), 13-3. (dc-thur
Million Sim; '; 7-315, Drake concert ensemble, Diarkt
stone string quintet; 8:15, WEAF; 9:15, odc-thur
music room; 10, Sum 'n Henry; 10:10, odc-time church cathedical.

WHAS, Louisville, Ky, (399.8m-750kc), 14 a. m., Fourth

Avenum Presbyterian church: 4:30-5:30 m. m., Christo
n. m., Linuscal Englescal Christian church: 13:23-61

n. m., Linuscal Englescal Christian Church: 13:24-61

n. m., Mortelloudines Bouleared Christian Church: 13:26-61

n. m., Linuscal Englescal Christian Church: 13:28-61

n. m., Linuscal Englescal Christian Church: 13:28-61

n. m., Linuscal Englescal Church: 13:28-61

n. m., Mortelloudines Bouleared Christian Church: 13:28-61

n. m., Linuscal Engl

WELLESLEY HEAD TO TALK AT WBZ

Monday, April 5

Uncles, baseo: Else Merre, phaset; 2. Hotel Ambassaior centeret archester; 10. Mosel Tearmone Gell dance
orchesters 10:30, stuttle foregram; 11. Silver Siloper
Supper club, Eddin McKhight's dance orchester.
WPAA, Richmond, Va. (256,3m-1170ke), 5:15 p. m.,
15530 Hegineent band; 9:16, 5and; 11, stan off.
WTAG orchesters; 8:309, 6-9. Band and Loose', p. m.,
WTAG orchesters; 8:309, 6-9. Band and Loose', p. 19.
Robin Hood harr of masic; 19-11, WFAF,
WTIC, Hartford, Cons. (475,3m-830kc), 6:50 p. m.,
Hub, Frier Sin), Cupitol theater orchesters; 2. Sentite
Miller; 9:15, Paul Unphirer and Wilred (Gester; 9:30),
Hilland, soprano, ensemble,
WM, Detroi, Mich, (332,7m-850kc), 6: n. m., dimer
concept; S. Detroit News orchester; 9, WEAP,

Central Time Stations

KFAB, Lincoli, Nobr. (360,7m-806kc), 8:30-10:30 p. m., 150 billionton, pianish: Harmony boys; Cowhell boys; Little symplomy exclusion, 16:10 p. m., 16:10 by Columbia, 16:10 (399,8m-750kc), 6:15 p. m., 16:10 by Columbia, 16:10 by Columb

Carlot Court and her Checolate Cake Estor; 11. Holsey Teley hours, and her Checolate Cake Estor; 11. Holsey Teley hours, and the Checolate Cake Estor; 12. Holsey Cayes and Carlot Carlo

WRS, Dalias, Texas (245.8m-1228ke), 6-7 p. m., Jack Gardner's archestra; S-9, Manuella Petroleum band;

Gardner's archestus; S-U, Magnilla Felicional 11-12, novelly program, 11-12, novelly program, WSAI, Cincinnati, Ohio (325.9m-320ke), 8-10 p. m., WEAF, 11-72, community program, WEAF, 11-72, community program, Allanta Chamber of Commetce; 10-45, Georgia Tech

Allianta Chamber of Commetee; 19739, Georgian acon bland and Bend, Ind. (275.1m-1030kc), 7115 p. 10., Worldstan, cutosti, Carlotte, St. (282.6m-1050kc), 8.30 p. m., Prancic Craje's orchestra; S. Mrs. William C. Hall, outbraine; J. Vilo Erleiter's orchestra; N. Mrs. William C. Lawyer, St. (282.6m-200kc), 3.30 p. m., Mrs. L. C. Lawyer, separate

KOB, State College, New Mexico (348.5m-860kc), 7:30-8:30 p. m., winners of the State Music contest.

S.20 p. m. vitness of the Sixe Options-Burger, 1:30S.20 p. m. vitness of the Sixe Options

KFI, Las Annels: Dill (407m-800le), 1-30-p. m., vist,
pocket proficers of the Sixe Option (1987), 1-30-p. m., vist,
pocket proficers of the Sixe Option (1987), 1-30-p. m., vist,
pocket proficers of the Sixe Option (1987), 1-30-p.
Walter M. Murphy Meants company; 19-10, propriate,
proficers, Marphy Meants company; 19-11, popular
proficers, Marphy Meants of the Sixe Option (1987), 1-30-p.
Sheman Clay and company; studie proficers; 8:30-19,
Goodrich Silvertown Cord orrhestrs.

KFOM, Lang Boach, Callif. (282.4m-180ke), 7-3 p. m.,
Friendly Dentists cortestrs: S-9, Cordinary The Little
Symplecy; Sundarus Jim in Judiness Pergy Malicers,
KFWB, Hellywood, Callif. (282.7m-1980ke), 7-30-p. m.,
Friendly Dentists cortestrs: S-9, Cordinary The Little
Symplecy; Sundarus Jim in Judiness Pergy Malicers,
Symplecy; Sundarus Jim in Judiness Pergy Malicers,
Warner Brothers from Briefly Accessed to the Sixe Option (1981), 1-30-p.

Warner Brothers from Briefly Markers and Callif. (362.7m-380ke), 9-6-55 p. m.

Watter Drouters Froic.

(GO. Oakland, Callf. (361.2m-330ke), 6-6:55 p. m.,
Amphion trio; S. Arion trio.

(KGW. Pertland, Ore. (491.5m-610ke), 6-7 p. m., dinner concert; 3-9, vocal and instrumental music; 9-tu,

ner concert. 3-9, vocal and instrumental musics 2-10, concert.

K.R. Sanatha the. Wath. (38.4m.700ks) m. 7-830 p. m., british the concert.

K.R. Sanatha the Score, Reserved and company programs, 28.00-10, Post. Institute the concert and company programs, 28.00-10, Post. Institute the concert concert. P. M. C. A. Rawalton Silver String, counterly 7.30, Y. M. C. A. Rawalton Silver String, counterly 7.30, Y. M. C. A. Statz Pinno company studio.

KNX. Hellywood, Calif. (38.9m. 980ks), 6-30-7 p. m., Atwater Kent orchestra; 7-30, Mutual Motors mirtle context, 7.30-8, Ovcerlist Farnature company; 8-9, 11-12, Ray 7-30-8, Ovcerlist Farnature of Company; 8-9, 11-12, Ray West's Coccount Grave dance orchestra; 10-11, Caloftin Silvertown concert. 3-10, 11-12, Ray West's Coccount Grave dance orchestra; 11-12, Ray 11-12, Caloftin Silvertown, 10-11, Caloftin and sicul's orchestra; 11-12, Henry Hablescope, orchestra; 11-12, Henry Hablescope orchestra; 11-12, Ray 1-10, Programs, 10-11, Caloftin and dance orchestra; 11-12, Kay 14-10, Programs, 10-11, Caloftin and dance orchestra; 11-12, Kay 14-10, Programs, 10-11, Caloftin and cance orchestra; 11-12, Kay 14-10, Programs, 10-11, Caloftin and programs.

program, KWSC, Pullman, Wash. (348.6m-860kc), 7:30-0 p. or. Almora community musicale,



Tuesday, April 6

Headliners Today

| Eastern | Central | Mountain | Paclic | 7 p.m. | 7 p.m. | 5 p.m. | 5 p.m. | 5 p.m. | 6 p.m. | 10 p.m. |

Half hour of Romance.

9 8 7
WBZ (383-1m-9005c) Straing orchestra. 6
WBZ (384-5005c) Vinners of State Music Contest.
KPRC (296.9m-1010bc) Temple Beth choir. 10 S 8 1 French Bett 2007.

10 S 8 8 1 7

KTHS (374.8m-800c) French bry tunes.
10:20 9:20 8:20 7:20

WMAQ (447.5m-670kc) St. Leo's Surpliced choir.
12 11

WFAA (475.9m-680kc) Mustang band.

Eastern Central Mountain 12:45 a. m. 11:45 p. m. 10:45 p. m. WIAF (365.6m-\$20ke) Mightbawk frolic, WKRG (422.5m-710ke) Blues and ballads, 1 12 m. 12 m. KFI (487m-640ke) Packard ballad hom. Tuesday, silent night for: CFCA, CHIC, CKNC, CNRC, CNRC, GNRM, CNRO, CNRT, CNRW, KUJA, KFUO, KFWA, KOA, KOAC, KOW, KUDM, KSAC, KTAB, KWSC, KYX, WABQ, WAHG, WAIU, WAMD, WBBR, WOAL, WCAP, WEME, WGCP, WHAZ, WIAD, WAZ, WKAF, WLWL, WMAK, WMAZ, WOI, WOS, WRVA, WSBR, WSU, WTAM, WTIC.

Eastern Time Stations

CKAC, Montreat, Can. (410.7m.730kt), 7.25 p. m., dibure music; 6:15, music week program; 10:30. Windoor botel dence archestra.

CNRA, Montreh, Can. (312.4m.990kc), 6:38 p. m., Cule-doutian cisoir; Mesnilight Meledy Boys' orchestra; II. Eastrood, banjoist and asoxphoniat; Walter Grant, escopioniat; Geraid Hamm, violinist; Alex Robertson, tour-banjoist, Clarence Cosite, dutum; 1 an Alactica-

"a Step On the Stairs" Broadcast as a Play

EPISODE SIX-THE SETTING

EPISODE SIX—THE SETTING

PISODE SIX continues in the high-beamed hunt-room, the room that has been the seems of storage and sugsticulus crines, of the Torner manse. The guests who had gathered there had no station and suggestions crines and the Torner manse. The guests who had gathered there had no station to report that musticrous deed.

Radio station to report that musticrous deeds to the station have been sometimely failted to the station of the resultant darkness the letter has disappeared. Mary Williams and Ardwyn stag alone in the room to award the return of a stranger. He returns, to the dark, and ardwyn stag alone in the room to award the return of a stranger. He returns, to the dark, and returns a stage of the stag

Peleg Turner's lawyer A relative A youthful guest A youth and relative A relative

Frederick Ardwyn.
Aunt Helon Holmes.
Mary Williams
Maurice Tolliver.
Cousin William Caryl.
Announcer at Station FYX.
A voice in the dark.

WHERE AND WHEN TO DIAL

Oakland, Calif. (361.2m-830kc). Sixth de at 9:45 p. m. Pacido time, Saturday.

episode at 9:45 p. m. Pacuso time, Saturous, 20rd 3, 2 Frig., April 2. Seventh episone sam.
Frig., April 2. Seventh episone sam.
While, Dos Molnes, Iowa (358m-570ke). Sixth
episode at 2:30 p. m. Central time, Monday,
episode at 2:30 p. m. Central time, Monday,
child (422.3m-710ke). Shirth

VMAU, one of the control time, and only opiniode at 2:30 p. m. Central time, and only of the control time, Saturday, April 3. 18:30 p. m. Central time, Saturday, April 3. Chicago, III. (447.5m-670km). Sixth opiniode at 8 p. m. Central time. Wednesday, April 3. W. A. C. Chicago, M. C. Chicago, C. Chicago, C. Chicago, C. C. Chicago, C. Chicago, C. Chicago, C. C. Chicago, C. Chi

criscale at 8:30 p. us. Eastern time, Wednes-day, Marci. 21. Seventh epiacde at same three April 7.

WEAN, Providence, R. I. (270.1m-1110ke). Play broadcast by direct wire from WNAC, Deston, on same ethedule an WNAC therefore. WOLW, Onachu. Neb. (336m-370ke). Sixth options at 3 p. m. Central time, Saterlay, WOC, Davenport, Juva (483.6m-6°0b-a)

capit 3.

OC, Davenport, Iowa (488.8m-620kc). Sixth episode at 10:30 p. m. Central time, on Friday, April 2. Soventh episode same time, April 9. April 9.

WOR, Newark, N. J. (405.2m-740ke). Sixth episode at 10:30 p. m. Eastern time, Saturday, April 3.

day, April 2.

White April 2.

D. (488.5m.-0486).

Hith cubscile at \$1.15 p. m. Rastern time,
Friday, April 2. Sixth episode same time,
April 9.

WSD, Atlanta, Ga. (498.3m.-709kc). Schedule
to be sumenneed over air.

KTRKS, Bed Surlins National Park, Ark.

(371.3m-300kc). Schedule to be announced over air.

Son, planist; Caledonia quartei; 10, CNRA orchestra, RoKA, Plitibureh, Pa. (309, im-370ko), 6:30 p. m., 6:30 p. m.

there were the state of the sta

wheelast new York, N. Y. (491.5m-610kc), 4-12 midnicht Malet Sawlin grunter; Yuperi Lone,
takin, Malet Sawlin grunter; Yuperi Lone,
Don Barnerit's uchester; 7:15, 243 Augustit; mid
Eddie Collius in uke and gutter duets; \$1:15, Jock
Holli, Stein, Said-O. Haymond orderetter; \$1:15, Jock
Holli, Stein, Said-O. Haymond orderetter; \$1:15, Jock
Holli, Stein, Said-O. Haymond orderetter; \$1:15, Jock
Willerin Stintled, Takin, Tab., Lautenetter, \$1:10.29,
Willerin Stintled, Ph. (394.5m-700kc), 6:20 p. m., Olderen
Stintled dance ordereter; \$1:20. Drivenhold playBarnerin and Statistical and College and Parkers
Holling and Malet Granter, Tab., Lautenetter, \$2:00.00,
The Malet Granter, \$2:00.00,
The Malet Granter, Tab., Lautenetter, \$2:00.00,
The Malet Granter, Malet Granter, Salot, \$2:00.00,
The Malet Granter, \$2:00.00,
The Malet Granter, \$2:00.00,
The Malet Granter, \$2:00.

WTAG. Western the state of the control of the contr

RADIO PLAYS IMPORTANT ROLE THIS

CLASSICAL CONCERTS INDEX

Saturday, April S
Eastern Central Mountain Pacific
6 p. m. 3 p. m. 4 p. m. 3 u. m.
WCX. WEAR, WMEA, WHEO.
7 ROO. KTV. WEAR. WENR. WMAQ, WNXC,
WOAW, WOX. WOX. WOAW, WOK, WERC, WAIAQ, WNYC, BUNA, KTPK, NOH, KSD, KYW, WBDR, WHYC, WOAW, WGI.

FOOL REPE. KEH, YW, WELS, WIP, WOO, WSAL, WSOE, WIP, WOC, WORD, WSAL, WSOE, WOC, WORD, WORD,

6 p. m. 5 p. m. WEAT, 7:20 4:20 WEAT, 7:20 4:20 WEAT,

EPNP, KSB. WHER WIZ, WOAT, WEX, WHAR, WHET WAR, WLW, WHEE, WYAG, WTIC. WEIL WAR, WLW, WMBE WFAG, 9 BYDA, KGO, KEL, KPRC, WIES, WCCO, WIZ, WCAS, WEIL, WILAD, WHO, WJAR, WLW, WARN, WAS, KPC, KRE, KRE, KTHA, KPO, WARD, WARD, WARD, WARD, WARD, WARD, WARD, WARD, WEIL, WEIL, WILAD, WAR, WOAW, WSDI, WEILG, WEILAD, WARR, WOAW, WSDI, WEILG, WEILAD, WEILAD, WARR, WOAW, WSDI, WEILAD, WEILAD, WARR, WOAW, WSDI, WEILAD, WEILAD, WARR, WOAW, WSDI, WEILAD, WEI

Tuesday, April 6
Eastern Central Meastain Pacific
6 n. n. 5 n. n. 4 p. n. 3 u. nr.
WES. WEX, WEAF, WMCA, WREO, WWI. KOO, KMA, WEAR, WERT, WGRS, WHAD, WIE, WMAQ, WOAW, WCK, WOR, WTIC.

WWI.

7 6 6
KFNP, RSB, KYW, WEZ, WCAE, WCAU,
WCX, WEAR, WEH, WGR, WHAR, WHT.
WLS, WHIB, WEJ, WRC, WTIC.

Endern Cantral Community Pacific Community Walls Walls

Thursday, April 8
Eastern Central Mountain Pacific
6 p. m. 5 p. m. 4 p. m. 3 p. m.
WEZ, WCX, WEAF, WIP, WMCA, WRRO. WWIL CO. WEAT, WIP, WMCA. WRRO.
WILL ST. CO. KND, WEAT, WEAR. WORK WHAD.
WILL WHAD, WOAW, WOK, WW.
KNW. WEBRI, WRAD, WCAII, WCYO, WCX.
WIS. WLEV, WMDB, WOAW, WILL, WET,
WIS. WLEV, WMDB, WOAW, WILL, WET,
WILC.

W.S. W.L.W. WHIRE, WOAW, WILL, WTAG, STILC. STILC.

Priday, April 9

Enstern Central Mountain Pacific

fp. m. 5p. m. 4p. m. 3p. m.

KGO, WCX, WMCA, WKCA, WW.5, 4 TOO. WEBL, WGY, WHAD, WJR, WMAQ, WOAW, WOR, WOR, WFIG. WOAW, WOX, WOR, WITHOUT WARD, WARD, WOAD, WOX, WEAT, WES, WOAT, WOX, WEBJ, WHET, WHIT, WIS, WOAT, WOX, WEBJ, WEBJ,

"Ghosts of the Air" are the Phantoms of KPEC, belot novel fashion every other Saturday night from the of Houston, from the skyline studies of the Houst tionette, the tall and stately blond of vaudeville faprove that she and her companion are very much aliand the New York Oratorio society appear over t Ethyl Hayden, left, will be the sopramo solotst. Grais the concert planist who directs the Sunshine hulst, Lay Shor, charist, 9:10-9:38, Parthetta, 10:18. Majliand, 20:14. Ideal Short, 10:18. Majliand, 10:14. Ideal Short, 10:18. Majliand, 10:14. Ideal Short, 10:18. Ideal Short, 10:18.

Wednesday, April 7

10-11, Rose room dance orchestra; 11-12 midnight, Henry Halstead's dance orchestra. KPSN. Pasadena, Calif. (315.6m-950kc), 8-9 p. m.. Star News concert hour, Adolf Tandler instrumental

RPSN. Pasadena, Calli. (315.6m-350ke), 8-9 p. iii.. Star News concert hour, Adolf Tandler instrumental group, artists.

KTAB. Onkland, Calli. (239.9m-1250ke), 8-9 p. m., Milk college.

Headliners Today

Eastern Central Mountain Paelfie 7:30 p. m. 6:30 p. m. 5:30 p. m. 4:30 p. m. WEEI (318.6m-866ke) Wellestey President.

WEEL (318.6m-880ke) Welfester President.

**WEEL (323.1m-980ke) Old-Praidoned concert.

**WEEL (303.1m-980ke) Old-Praidoned concert.

**KHI (406.2m-740ke) Minde Mindery contest,

**KMOX (259.2m-160ke) Mountain and Plaint songs.

**KHIN (378.4m-800ke) Grand spera game.

**WLW (492.5m-160ke) Mountain and Strinnentai trio.

**WEEL (328.5m-160ke) Mountain strinnentai trio.

**WEEL (328.5m-160ke) Crescenden instrumentai trio.

**WEEL (328.5m-160ke) Crescenden instrumentai trio.

**TRIMS (371.5m-380ke) Heil Springs Harmony (wins.

**KPWB (252m-1150ke) Warner Brothers' frolle.

Wednesday, silent night for: CHIC, CKAC, CKNC, CNRA, ONRC. CNRE, CNRM, CNRR, CNRT, CNRV, KFAU, KYZ-K, KGO, KIOL, KOB, VOLK, KYZ-K, KGO, KOLK, KYZ-K, KYZ-K,

WAG, WINE, WMG, WOAI, WOAW, WOI. WCG, WRG. WRR.

Eastern Time Stations

ONGO, Ottawa, Gan. (435.8n-639ke). 8 p. m.. Chateau Laurlet concert orbestarie; 9, studio program; Challaau Laurlet concert orbestarie; 9, studio program; Challaau Laurlet change orbesta.

(399. Ins. 970ke). 32. 9 p. m. Margie Maide Deliver; 8, Munael Lambetti, 32. 9 p. m. Margie Maide Deliver; 8, Munael Lambetti, 32. 9 p. m. Margie Maide Deliver; 8, Munael Lambetti, 32. 9 p. m. Margie Maide Deliver; 8, Munael Lambetti, 32. 9 p. m. Margie Maide Deliver; 8, Munael Lambetti, 32. 9 p. m. Margie Maide Deliver; 8, Munael Lambetti, 32. 9 p. m. Margie Maide Deliver; 8, Munael Lambetti, 32. 9 p. m. Margie Maide Deliver; 8, Munael Lambetti, 32. 9 p. m. Margie Maide Deliver; 8, Maid-Tarbinonet concert, 0p. 4 p. Margie Maide Deliver; 9, Margie Maide Deliver; 9, Margie Maide Deliver; 9, Margie Maide Maide

WF1. Philadelphia, Pn. (394.5m-760kc), 6:50 p. m.,
Balleruo Stratford remeent orchestra; 7. Belleruo
WGBS, New York, N. Y. (315.5m-950kc), 6:50 n. m.,
Jersey collectian; 7. Inspirational half hous; 30-7:50
Jersey Collectian; 7. Jersey Collection; 7. Jersey Collect

club orchestra. 19. Philadelphia. Pa. (508.2m-590kc), 6:05 p. m. Benjamin Franklin Indel oneort orchestra: 5, violta solo. Ossar Yearer; banjo-mandolin solo, Albert Gen-

WIF. Philadelphia, Pa. (508.2m-500kc), 6-05. p. m. Bendamia Posnalini Instel sewert erroteart. 7, violidi solo, Ossar Yenger, bunje-mandolini solo, Muert Gerudebola.

Wield Commodora convert ordiverare, 8-23. Lackindon Free Chamber rangie encoret: 10-25, George Obsen's Rotel Premayirania Grill ordiverare, 8-23. Lackindon Free Chamber rangie encoret: 10-25, George Obsen's Rotel Premayirania Grill ordiversa.

WILT, Philadelphia, Pa. (2014). m-700kc), 8 p. m. re-vicilal, 10, Arcalla esfe dance arcticata.

WILT, Philadelphia, Pa. (2014). m-700kc), 8 p. m. re-vicilal, 10, Arcalla esfe dance arcticata.

WILT, Philadelphia, Pa. (2014). m-700kc), 8 p. m. re-vicilal, 10, Arcalla esfe dance arcticata.

WILT, Philadelphia, Pa. (2014). m-700kc), 8 p. m. readings.

WILT, Philadelphia, Pa. (2014). m-100kc), 9 p. m. readings.

WILT, Philadelphia, Pa. (2014). m-100kc), 9 p. m. readings.

WILS, New York, N. V. (340-7m-800kc), 6 p. m. readings.

Mack, Denny's orchestra; 25, Makalpin entertainers; 11-36, Jack, Denny's orchestra; 25, Makalpin entertainers; 11-36, Jack, Denny's orchestra; 25, Makalpin entertainers; 11-36, Jack, Denny's orchestra; 8:30, Lean Goldman, violinist; 9, plan recitalis; 9, plan plan estercitos; 7-35, rectuestra; 8:30, Lean Goldman, violinis; 9, plan recitalis; 9, plan periodis; 9,

WHAF; 10, Fox theater concert; 10, Mitz Carlton or-cheetra.

WOR. Newark. N. 1. (405.2m.7498c), 6.300 p. m., Lacques Jacobs! Ruiel Sachton cuccubite; 7.30, 721's Central Paris Carlton concentile; 9. Certaric's attinic quartet; WHVA. Richmond, Vn. (236.2m.11708c), 7.30 p. m., Lawreneeville tight; 10:10, Ernest H. Codiy. WHAG. Werester, Mass. (27.7m.11208c), 8-5:30 p. m., the WHAG. Werester, Mass. (27.7m.11208c), 8-5:30 p. m., the; R. Lester E. Wiecler, tenur's C.O. Raymond Herring, Burling, 13:15, Laura G. Gauded, plantas; 0:30, Esther Nyslon, organist; 10, WEAF.

Central Time Stations

Central Time Stations

CNRW, Winninge, Can. (384.4m-280kc), 7:50 p. to., musical program, Ft. Garry hotel orrhesving Sciol, Robort Jones, bartinen; Tarns Hubicki, violitist; Eleanor Edmund, contralyo, 10. supper-dance mystem, 1rvin Bilmane, Contralyo, 10. supper-dance mystem, 1rvin Bulck trio; Delslaws ocheeksta; Mithe Kingae, King of the Ivanies; El Ellingson, sonehird. Kfange, King of the Ivanies; Ellingson, sonehird. Kfange, King of the Ivanies; Ellingson, sonehird. Kfange, King of the Ivanies of the Ivani

DANCING Central Time urday, Anril

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Wfbu, Wbs, Wee;
Kfwa, Koa, Kew,
Wghu, Wigh,
Monday

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Friday, April 9: 8, Way: 9, Webi, Webi, Weel, Wg b u, Wgr, Wibi, Wgr, Wu, Wgr, Wu, Wgr, Wu,

Tuesday, April 6

WGN. Chicago, III. (362.0m-990ke), 6:30-6:45 p. m. lvake concert cusemble, Windstone string quintet WGM. Chrespo, II. (202,0m-1900e), acanonics p. ma-traile concern for the control of the control of the con-trol of the control of the control of the control of the sed. WEAP; 5-10, studio progens; 14-10:10, Sam 'n' Henry; 10:12, sid-time four-rise; 15:20, play shou, 10:36-11, studio ensomble.

WHAS, Louviville, (y. (299.8m-750ke), 7:38-0 p. m., WHAS, Louviville, (y. (299.8m-750ke), 7:38-0 p. m., dimer-hour coupser, Linavad theature, WHO, Des Moines, lowa (22m-270ke), 7:38-8 p. n., labelish multicy; Sed. warded created program; 11-12.

Ferrussen, Wayne Marie Ginecrasse, Geode'in Tenwysee Ginecrasse, Geode'in Tenwysee Ginecrasse, Geode'in Tenwysee Ginecrasse, Geode'in Tenwysee Ginecrasse, Geode'in Tenwysee, Ginecrasse, Ginecrasse,

Candle, WKRC, Cincinnati, Ohio (422.3m-7(0ke), 10 n. m., Eu-cene Perazzo, organist; 11, Eddie Schnelwer, nianist; 11:13, Acc Religide and his Virginians; 11:15, bines and ballade; Marie Furner.

11:15 Are Prized and by Virginians, 11:15, bites and ballada, Marie Turner.
WLIS. Chicago, Ill. (302.8m-990kz), 7:36-8 p. Mo. WEAF; 11:11:20, 200 (Correll and Gosden; 11:20-1 a. m., studie ancesable dynamic manifestations.

W.H.E. Chicago, H.E. (2022-201-2000C), Fancy D. Inc., W.L.D. (2011-202), Chronell and Gosdeni 1.28-1.4 m. W.L.D. (2011-202), Chronell and Gosdeni 1.28-1.4 m. W.L.S. Chicago, H. (24440n-479-2010), G. D. Adaurto Shermanis College Inn ethicstra 7:20-7:50. Madame Julio Rive-King, planist. W.L.W. Chicago, H. (2422-2017-100), S. V. M., Northus Gibbers and her girl Orlend 0:30, Jesse Albert. The Chicago of the College International Programs (2018, St. Leo's college 19:33, Mitchell Taxon chines. (2018, St. Leo's college 19:33, Mitchell Taxon chines. (2018, Taxon Chines. (2018), T. S. D. H. (2018), T. Chines. (2018), T. S. D. H. (2018), T. Chines. (201

Harman-Yan Brunt company; 10:20, Frank Hodels and his Nichtianathe optionize; 12, orchestra. Wo.C. Davagnerf, texa (ag. 30, me. 2006), 5:15-5 p. m., eidines concert; 7:20-8. WILAP; 8:9, WEAP; 10-11. Pressiptorian chirch doub. of the company of th

p. m., Ye Olife Tyme Comes - converge to the International quarter's 11-12 midnight, Henry Ford International quarter's 11-12 midnight, Henry Ford Words. Battvin, Ht. (275m.1090ke), 7 m. p. poblic Service Commany of Northern Hilman's program; 9. Glenn Dillard Gunn Schrod of Music, 8 m. n. Badriso Garden, encert a critectar's Chemistry B. n. Badriso Garden, encert a critectar's Chemistry Losson, 16-2 a. n., Rainbo Skylarka; Chemistry House, pianulat; Obervett Gofs, character backs, coprano and pianulat, Prevent Gofs, character backs, coprano and pianulat, Prevent Gofs, character Virnent, Johanny Post, Harried Glasp, bactiones; Tell Taylor, (noor; 1-2; Ginzer hour, Wfire, Ballas, Tease (25-6, ban-1/20ke), 0-7 p. m., Jackson Commercia, criciatra; 8-2, misstable program, Montagon Carlon, 1988, Carlon Carlon, 1988, p. n., Weak J. P. n., we

7.30, musicare; o, vasos, i musicare; valua musica; valua music, SB, Atlanta, Ga. (428.3m-700kc), S p. m., enter-rainment; 19:45, Green Room frolle, Loew's Grand

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THIS YEAR IN EASTER OBSERVANCES



Central Time

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Thursday, April 8:
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Friday, April 9: 8, Wwi; 9. Wex, Webl; Weef, Wg b n, When, whoby, 945, Wang, 9:30, Weat, Wan: 10, Kfre, Kpe, Ktin, Wgbu, Wgep, Win, Wg, Wgb.

his orelestra.

WBAP, Fort Worth. Texas (475.9m-630ko), 6-0:30 p. m.,
Texas hotel orekestra.

WBAP, Fort Worth, Texas (475.9m-630ke), 6-0:20 p. m., Texas harde torte, sixu.

WBBM Chicago, III. (225.4m-1330ke), 8-10 p. m., Barler Shaw unartet J. Memine outlesters, IIII Spears, tourists bureau, 20-215, led some period; Philip Shiller, tourists bureau, 20-215, led some period; Philip Shiller, State Shiller, Shil

WHAS, Louisville, Ky. (399.8m-750ke), 7:30-9 p. m., Alasquevadors. WHB. Kansas City. Mo. (365.6m-820kc), 7-8 p. m., MEn Finley triu; Eurt Beudev, soloist; Seina Maddock,

Mile Findey trie; Burt Bender, solvist; Seina Anacures, ritanist.
WHO. Des Molnes, Iowa (226m-570ke), 6.7 p. m., fanker Life Lattie symbionic orchestra; 7:195-31.5;
Mando Etalies, accompanist; Harry Levit, popular-solvis; Norman Bretolon, planist; Norman Jackson, Handison Equiastic, 6-12; dance programs.

Mando etalies, accompanist; Harry Levit, popular-solvis; Norman Bretolon, planist; Norman Jackson, Handison Equiastic, 6-12; dance programs.

Mando etalies, 16-12; dance programs.

celle Greenen.

Ray-G-Vac Concert; 11:15, Cinderenta Carlo

11:30, Tat Baines and Al Carney; 12, Pat Barnes and

11:30, Tat Baines and Al Carney; 12, Pat Barnes and

W180, Chicago, III, (225-An-1330kc), 6-8 p. m., dinner ke
connect, string trio; Charles Champlin, buritone; Chriscopier, Hendra, tenor; Earl Bigelaw, pianist; 10-12,
popular program, Mario Tully, sonester; Wayne Myers,
reader; Mchooly Saranmers; Tomany Smith, songster;

WKRC, Ginelmosti, Ohio (422.3m-710kc), 6-p. m., dlnner music, Alvin Rocher and his Hotel Alms orchestra; 3:15, Winnie Pippin, soprano; Oliver Plunkett,
tenor; 9, instrumental quintet, soloist; 12 midnight,
Welley Mcley and his orchestra,
WLB, Chicago, III, (302.4m-500kc), 7:30-7:40 p. m.

MLB, Chicago, III, (302.4m-500kc), 7:30-7:40 p. m.

L1:30, Correll and musical purposa; 3-2 m., studio
ensemble, Carner misle, burnowy dus.

WLS, Chicago, III, (324.6m-870kc), 6:10 p. m., Maurie

Sherman's College lun orchestra; 7:3n, Chicago Regults

Women's club chorus; 8:39, WLS trio; 9, Garrett Prachers quartet; 8:30, Raigh Emerson, or;unita; 10, College Inn orchestar; 111- INVS chouse. WLW. Cincinanti, Ohio (422.3m-710ke), 7 p. m. Hatel (fibron orchestar; 10, Crescoulaen instrumental trio; Night high school give club; 11, the Crester made quartet; 11:13, Medis of Melest, Gare Domuldson and Hartense Rhodes; 11:20, or;un, Johnson Cress. WMAC. Chicago, III. (447.5m-50ks), 6 m. E. Chicago III. (447.5m-50ks), 7 s. p. m. artist; 9:11, "Trianon orchestra; Hawardan guitar due.

WARBG, Chicago, Ill. (249.9m-1200kc), 7-8 p. m. artist; 21-1), Triumo crelestra; Hawning zular WOO, Parengert Leva (826.m-200kc), 5246-6 p. m. chines connect; 57-30, WEAF; 9-9-30, Eavin Swinder, 1998. (2009), 1999. (2009), 199

musical selections.

Mountain Time Stations

KOA, Deaver, Colo. (372.4m-930kc), 6:20 p; m., dimerconcert, Brown Palace string orchestra; 8, fustamental frogram, Scheenman's Colondo orchestra; 5:15, staff erlists; Hidda Edwards, sournes, Elabh Fleess, classe; Ins. Rains, sournes, Jailan Riles, view Brondomor His him Rustlers.

Brondmoor His him Rustlers.

Freess, denor: Ins. Relms, sopremo; Jaulan Riler, vielinks; G. Raibi Crowder, rituris; 79, dance program,
Brodineur Rhyhm Kustlers.

KFI. Los Angeles, Calif. (467m-640kc), 6:39 p. m.,
vest pecket pungan; 6:35, Rudiotorial prometic; 7:7:30;
company to the pungan; 6:35, Rudiotorial prometic; 7:7:30;
company; 9:10, Chewrelet, urchestra; 10-11, popular
sone pungan; 10-10, relevent (10-11), popular
sone pungan; 10-11, relevent (10-11), popular
sone pungan; 10-11, Prize and Perize (10-11), popular
sone pungan; 10-12, State
(Refuer organ rected), Posa (10-11), 11-12, State
(Hester organ rected), Posa (10-11), Prize and Motors uirther
Sphur, Oli ordiestra; 10-20, D. Musual Motors uirther
Sphur, Oli ordiestra; 10-30, D. Musual Motors uirther
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Musual Desputation ordiestra; 10-30, D. Musual
New Motors Motors ordiestra; 10-30, Musual
New Motors Motors o

MA SKOPE UMRO OTCHESTRA.

KPO. San Francisco, Calif. (428.3m-700ke); 6:30-7 p. m.,
States Reslaurant orchestra; 8-9. Atwator Kent ortstats; 9-14. Goodrife Silvertown Cord orchestra; 10-11,
States Beslaurant orchestra; 11-12, Henry Halstead's
orchestra.

KTAB, Oakland, Callf. (239.9m-1250k), 8-10 p. m., Western States Life Insurance company pregram. KWSC, Pullmap, Wash. (384.8m-860ke), 7:30-9 p. m., Jun M. Mayer, accordionist; Ben Leshman, violinist; Frances Circstoni, plants!

FARMERS' PROGRAMS INDEX

Farmer Dinner Concerts Daily Except Sunday

CENTRAL TIME KFNF, 12:15-1:35 p. m. KMA, 11:30-12:30 KSO, 12:39-1:30 p. m. WLS, 12 noon.

| Saturday, April 3 | Eastern Central | Manutain | Pacific | 1.0 m. | 12 non | 11 a.m. | 10 a.m. | 10 m. | 12 non | 11 a.m. | 10 a.m. | 10 m. | 12 non | 12 non | 12 non | 13 m. | 10 a.m. | 10 m. | 1

Sunday, April 4 Eastern Central Mountain Pacific 3:30 p. m. 2:30 p. m. 12:30 p. m. 12:30 p. m. WFAA (475.9m-630ke), Sunday hour for farmers. Monday, April 5

WOS (440.9m-680kg), Livestock questions and

wOS (440.00-4800c). Livesteek questions and answers.

WTAM (267.7m.11200c) "Grape Growin." 3

Add. (267.7m.11200c) "Grape Growin." 5

Add. (267.7m.11200c) "Grape Growin." 5

Add. (267.8m.11200c) "He follows to the follows the

Club Workers."
(1:05 10:05 9:05 8:05

KGO (061.2m-\$20kc) Farm program, "Agricultural Outlook."

Tuesday, April 6
Eastern Central Mountain Pacific
I a. m. 16 a. m. 9 a. m.
WRC (468.5m.-640kc) Ditty Parin thaskes.

Eastern Central Mountain Pacific 1:15 p. m. 12:15 p. m. 11:15 a. m. 10:15 a. m. WOC (883.6m-620ke) "Marketing the Young WOC (483,166-42002) "Markeding the Young (3.35)" [1.235 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [1.35 | 0.135] [

KOA (322-3m-3-938c) Farm onceiton bac.

Womesday, April 7
Eastern Central Mountain 9a.m.
11 a.m. 110 a.m. 9a.m.
11 a.m. 110 a.m.
12 a.m.
13 a.m. 110 a.m.
14 a.m.
14 a.m.
15 a.m.
16 a.m.
17 a.m.
18 a

C. Long. 6 p. m. 5 p. m. 8 8 (446.9m-680ke), Evening market bour, poultry questions and answers 10:30 8:30 7:30 8:30 7:30 Queens Justa Beckingers. Thereby Queens Justa Beckingers.

Thursday, April 8

Friday, April 9 ### Friday, April 9

Eastern Central Mountein | Pacific 12 nees | 1 a.m. | 10 a.m. | 9 a.m. |

WRC (468-6m-4000) Filey Furus Plantee. | 1.35 p.m. | 12.15 p.m. | 11.15 |

WRC (458-6m-4000) Filey Furus Plantee. | 1.35 p.m. | 12.15 p.m. | 11.15 |

WRC (458-6m-4000) Filey Furus Plantee | 1.35 p.m. | 12.15 p.m. | 11.15 |

WRTHS (574-5m-45000) Farmeer Stadio Chautanuux. | 1.35 p.m. | 12.25 p.m. | 11.35 p.m. | 16.45 |

WRAC (467-m-45000) Furus Eall. | 16.45 p.m. | 16.45 |

WO (479m-111000) Agricultural Market hour, Dalry meetinas and answer | 1.35 p.m. | 1.35

Thursday, April 8

Headliners Today

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Air.
9:50 8:50 7:50 6:50

WMAX (447.5m-679kc) Debate.
10 9 8 7

WHZ (454.3m-649kc), WRG (468.5m-649ks) Record

boys. 10:50 9:50 8:50 7:50 WHT (099.Su-750kc) "A Buck on Leave." 11 10 9 8 KCW (491.5m-610kc) Vandeville. 12 WBAP (475,9m-630kc) "A Step On the Stairs."

Thursday, silent night for: CHIC, CKNC, CNRA, CNRE, CNRO, CNRR, CNRT, CNRV, CNRW, KFAB, KFAB, KFAB, KFAB, KEVA, KEVA, KIX, KMOX, KOA, KOAC, KOB, KSAC, KWSC, PWX, WABQ, WAFD, WAHA, WILL, WGAP, WGEE, WHOD, WEAD, WBBI, WEBW, WEBM, WBG, WHO, WHO, WHAZ, WIJO, WMAK, WAZ, WOOD, WOR, WOS, WSM, WSUI, WTAM.

WTAM.

Eastern Time Stations

CNRM, Mentread, Can. (410.7m-730ke), 7:30-8:30 p. m., instrumental, vocan program, Jurenite Winners of Metals, Montreal's Found James John Winners of Metals, Montreal's Found James John Statistics, Control of the Con

WGAU, Philadelphia, Pa. (277-8m-1860ke), 8:30 s. m. Dilly Hayes and his erementa; 7:38, Snettenburg symphony ordestria; 8, Norman Barr, heritoire, Virnina Klein, plantel, 8:15, Eight Meifell Seng, 8:43, in a Kamdy Kldy; 9, Harry O'Marra, the Hain tener; Fessor Declifite; 10, Sengal Centennial hour; 11, Rahly Jackson and his ordestria; 11:30, Chab Madrid revue. WEAF, New York, N. V. (481-3m-610ke), 9, Silvettoen Cond ordestria; 10:30, Vincent Logar; and ordestria Charlester, 10:30, Vincent Logar; and ordestria ditted from Chief Logice. Well in the Charlester, 10:30, Vincent Logar; and ordestria ditted from Chief Logice. Sengal Senga

entertalners.

WP. Philedophia, Ph. (508.2m-557kc), 2.95 p. m.,
Pagonka cafe orchastra; T. Wilfred Charlesmath, plan-its, 8:15, Etudo hour; 8, Second Centennist music period; 10:05, Nelsan Maples and his S. S. Leviathan

perfect; 10:05, Nelton Maples and his S. S. Lestathan reclusion.

W12, New York, N. Y. (54.3m; 660t, 11:05 a. m., Variant Control of the Cont

news cattor; 10:00, 1-one covers; 12, Mealpin outer and Hotel Mealpin covierrs; 12, Mealpin outer and Hotel Mealpin covierrs; 12, Mealpin outer and Hotel Mealpin, Ph. (502 m. 570 ke), 7:10 p. m. some restal; 8. convert; 9:10, Original Black Diamont of the Covier of th

"A BUCK ON LEAVE" AT WHT THURSDAY

Thursday, April 8

WTAG, Worsesier, Mass. (267.7m;-1120he), 8-8:30 p. m., W73.A9; + 101 W73.A9; 10.1 W72.A9; WTAG, Hardford, Com. (475.9m-530ke), 8:50 p. m., Erotal Bond frio, WWJ, Defreif, Mich. (352.7m-850ke), 6 p. m., dlpow.concert; S. WEAL;

Central Time Stations
KERU, Columbia, Mo. (399.8m-750kc), 6:15 p. m., dinrier music.

KLDS. Informelience. Ms. (448.9m-689kc), 8 p. m.,

KMA. Shenandoah, lowa (252m-190kc), 6-7 p. m.,

diner hour pregram; 3-11, Dolmooico Dreamers' dance orchestra.
International Radio program; musicians from Jeru-salem, Australia, Arabia, England, Norway, South Sex Jalands, American Indians.

Set Jahmis, American Indians.

KOLL, Caunell Bluffs, Iowa (277.5m-1080ke), 6:95 p. m.,
Ray Blies, banjoist: Ican Collen, planist: 6:30, Arl
Mart's Imperial dance orchesters, 7:30, Gladys McCov
Paylor, contrallo; Gerald Canh, Loss: Mrs. Frank
Evans Weight, planist, smars of swee; 8:15, Lowell
Amily entertainers; 11, Mokay Tolky Inus.

KPRG, Houstan, Texas (266,9m-1018ke), 7:30 b. m., Blauchard's dance methectra; 3:35. Edna Adams; 9, Acolian string quartet; Leon Schiro, topnr.

KSO, St. Leuis, Mo. (545.lm-550k4), 7-10 p. m., WEAP.

KSD, St. Louis, Mo. (545.1m-590k4), 7-10 p. m. WEAP,
KTHS, Het Springs National Park, Ark. (374.8m-800ke), 9-45.10 p. m., James Reid, organist; 5:10-10, 11-10, 11-10-10, 11-10, 11-10-10, 1

WCCO, arinneapolis-St. Paul. Minn. (416.4m-720ke), 7 p. m., WEAF; 7:3u, Northern Pacific program; 8-10,

WFAA, Dalias, Toxas (475.9m-630kc), 6:30-7:30 p. m., Jimmy's Joys, orchestra; 8:30-9:30, choral club, mu-Sicians.
WGHB, Clearwater, Fla. (255.3m-1130ke), 6:30-7:30
n. m., Beileair orchestra; S:30-10, program; 11:30-1
a. m., Rambio.

revore; 11:15, Acc PURPORE OF UNIVERSALED UNIVERSALED, UN

Lectile Recenser Stockarte, coprum.

WLW. Ginshall, Ohio (422.3m-7108c), 6:15 p. m.,
moscal bandshakes, Neb Grocoke and Jim Mischler,
T. diamer conect, Hatel Gilsen, 11-3c, soundar emcer, Doberty Mckely, boxs, 11, Fay Suffivan, the
rougher tener, 11:16, WHY hinzerquencial circ 11:30,
Classa faria; 13:13, Night Lowis, Crosley Ser Ter-

WMAQ, Chicago, III. (447.5m-670kc), 6 p. m., Chicago the ter organ; 0:10. Hotel La Salle orchesta; 0:55, chimes.

the ter organ; cand, Hotel La Salle occession; coop, chimes.

WMBB, Chicago, ill. (249.6m-1200kc), 7-8 p. m., All-American, reogram; c.ll. orchestra.

WMBB, Chicago, ill. cachestra.

With the control of the control o

Wol, Ames, Iswa (270-th-111ake), 7:50 p. m., Ames olosted.

Wolk, Chicang, Ill. (217.3m-139ke), 7 p. m., Capitol Incater organi: programs 10-130 a. m., Tearmey's constitution of the cons

nnta, Ga. (428.3m-700kc). 8 p. m., Atlanta noint band; 10:45, Charles A. Sheldon, Jr.,

The best have been a second

GENERAL TALKS AND SPEECHES

Saturday, April 3

| Scion. | 2 | 7 | 8 |
| WCCO (416.4m-729ke) "Elresido Philosophica." |
| Rev. Roy L. Smith. | 9:30 | 8:30 | 7:30 | 6:30 |
| WMAQ (447.5in-679ke) Photologue, Dr. Max |
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Monday, April 5

Central Mountain Pacific 7 p. m. 6 p. m. 5 p. m. 4 p. m. WDAF (385.6m-820kc) Address, Edger A. Linton, 8:30 7:30 6:30 5:30 WBAP (475.9m-680ke) "A Trip nu the Crimson Limited"

Tuesday, April 6 Eastern Centrol Meuntain Pacific 8 p. m. 7 p. m. 6 p. m. 5 p. m. WLW (422.3m-719ke) "Aeronautics," U. S. Air

9 8 7 6 KMITR (288m-1260ke) E. P. Barelay, African exnlerer. WMAQ (447.5m-670ke) Book talk, Harry Hansen, WRC (468.5m-640ke) Washington's Political ritu-ation, Frederic W. Wile.

ation, Frederic W. Wite.

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WIZ (454.8m-660kc) Grand tour, England.
10:30

9:30

8:38

7:30

WCCO (416.4m-720kc) "Outdoors in Minnesota."

11 10 9 8 RPO (428.8m-700kc). "Convention of 1787;" Attornoy-General U. S. Webb.

Mountain Time Stations
3FAC. Calgary, Can. (435.8m-588kr), 9-11 p. m., Canadian National railways program; Bert Ellingson, tenor,

CNR orchestra.
CNRC, Calgary, Can. (435.8m-686kt), 9 p. m. studio
program, CNR orchestra; Borg Ellingson, tenor.

program, CNR Genesia: norm Enimipson, center. KFXF, Colorado Springs, Colo. (232m.1200ko), 8:30 n. n., brass, quastet; Arthur L. Murray, bartlone. Mirs. J. C. Young, contailo; Sarah McCuan, planist. KGA. Denver, Cola. (322.4m.839kc), 6:30 p. m., dinner concert, Eroun Palaco string orderstra.

KFI. Les Angeles, Calif. (407m-840ke), 6:30 p. m. vest, colors, colors

Radio club.

KFON. Long Beach, Calif. (232.4m-1280kc), 7:80-8
p. m., Long Beach Monicinal band; 8:13-9, Long
p. m., Long Beach Monicinal band; 8:13-9, Long
p. m., Long Beach Monicinal band; 8:13-9, Long
p. m., Long Beach, 199, Long
p. m., Long
KFWB, Hellywood, Calif. (252m-1180kc), 3-9 p. m.,
Mountain Park orrhestra; Albert Keglovich, minimat,
Bather White, bopular songs; 9-10, studio program,
10-11, Warner Brothers frolic.

KGO, Oakland, Calif. (361.2m-830ke), 8 p. m., "The Wild Duck," KGO players; 10-1, a. m., Brokaw orchestra.
KGW, Portiadu, Ore. (401.5m-\$10kc), 8-7 p. m., din-ner concert; 8-10, vaudovillo program.
KHJ, Los Angeles, Callf. (405.2m-740kc), 8-10 p. m., tho Artland chib.

the Artland cittle. Wash. (384.4m-780ke), 7-3-30 p. m., Eureka mixed quartet; 8:38-10, orehestra; 10-10-30. Benjamin Franklin Electric company proram; 10-38-12, Keep Joy Radiathic Order of Data. KMTR, Hollywood, Callf. (288m-1269kc), 6-7 p. m., Starr Plano complany studio; S-10, KMTR concert orehestra.

orchestra.

(NX. Hollywood, Calif. (336.9m-889ke), 6:30 p. m., Atwater Kent concert orchestra; 7-8, prugram, H. L. Crockett company; 8-9, program, Willys-Overland dealers; 9-11, KNX Tealure Prugram; 11-12. Ray Wed5 Comanut Grove dance orchestra from the Ambassador.

ADDISSEUPI.

KPO, San Francisco, Cailf. (428.3m-700kc), 7-7:30 p. m.,
Ruthy Seiger's Fairmont hotel orchestra; 8-9, KPO
string quartet; West Coast male quartet; 9:10-10,
Mucoler mondulin ensemble; 10-11, Cabirin eafe dance
orchestra; 11-12, Herry Haistead's orchestra.

KFSN, Pasaden, Caff. (315.6m-956kc), 3-9 p. m.,
musten program.

Wednesday, April 7

Eastern Central Mountain Pacific 7:30 p. m. 6:30 p. m. 5:30 p. m. 4:30 p. m. WEUJ (348.6m-860ke), Talk, Pres. Ellen Fitz Pendicton. 3:15 ns. 5:15 cs. 5:15 wc.Al. 27.7m. H880cc. Protecting the Bealth (1977.m. H880cc.) Protecting the Bealth (1977.m. H880cc.) Protecting the St. Corolle (1978. cs. 1978. cs. 1979. cs. 19

1 a. m. 12 m. 11 10 KPO (428.3m-700kc) "Dual Form of Government."

Maurico E. Harrison.

Thursday, April 8

Eastern Central Memorain Pacific No. 200 m. 6.30 p. m. 5.30 p. m. 6.30 p. m. debate.
10 n 8 7
WRC (468.5m-640kc) Polltient situation, Frederick
W. Wile.

12 m. 11 10 9 KPO (428.3m-700ke) Federick Warren Olney, Jr. Friday, April 9

Eastern Central Mountain Pacific Fam. 6 p.m. 4 p.m. 4 p.m. 4 p.m. 4 p.m. 5 p.m. 4 p.m. son Copper. son Copper.
7:30 6:30 5:30 4:30
WEBJ (272.6m-1100kc) "Commercial Flying." C.
S. Jones. 8. Jones. 5 3 7 16 5 WTIC (475.0n-630ke) "Idealism and Work," Rev. George T. Linsley. 8:15 5:15 KDICA (300.1m Wilder) "Why I Am a Fisherman," Dr. Charles Reitell.

Dr. Chatles Reitell. "19 1 om a Flaherman,"
8-39 7-30 5-30 5-30 5-30
WCAL (330.0m-8908c) "Jefferson and Hamilton,"
Dr. Georgo Welds Spolin.
1015 9-15 8-15 7-15
EH (105.2m-100c) "Alternit in Eurone." W. D.
10-30

reacrman.

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

KHJ (405,2m-740ke) "Romance of Santa Fe
Trail," Gladys De Witt.

Friday, April 9

Headliners Today

8 7 6 5 WBAL (245.8m-1220ke) Baltimore Maudalin orches-

Friday, silent night for: CFAC, CHIC, CKAC, CKMC CKY, CHRC, CNRM, CNBD, CNRR, CNRW, KFAU KFWA, KFXF, KLDS, KFRC, KFSN, KSAC, KUOA KUOM, PWX, WBBR, WCAD, WCBD, WEAD, WEEW WGBS, WGST, WHAZ, WHP, WIAZ, WKRC, ULW WLWL, WMAK, WNAD, WRC, WREO, WRVA, WSAI, WSMB, WSUI, WTAM.

Eastern Time Stations

CNRA, Moneton, Can. (312.4m-980kc), 3 p. m., studio
procrama, Moneton artists; E. Wheeler, pinkets, Alice
Les, contrallo; Evelyn Breau, reader; Ned Steinbuse,
bartione; Venuer Trites, mandolinus; Alfra, A. Mocharitane; Venuer Trites, mandolinus; Alfra, A. Mocharitane; Venuer Trites, mandolinus; Alfra, A. Mocharitane; Contral and Contra

Mucler mandalin ensemble; 10-11, Cabiris cafe dance orrelestra; 11-12, Henry Haistead's orbestra.

KFSN, Pasadon, Calif. (315.6m-956ke), 8-0 p. m., muclest program.

KTAG, Dakland, Calif. (239.9m-1250ke), 8-10 p. m., Mag. Haverden, Pa. (250. spread marram. WABG, Haverden, Pa. (250.

Eastern Central Mountain Pacifie 7:30 p. m. 6:30 p. m. 5:30 p. m. 4:30 p. m. WFAA (475.9m-630ke) Hawailan recital



Mondello and his band; S. dante music; S. 30, Nina Max Force, sorpano; Drilette Route, minist; Cecile State, violinist; 9.25, Ruin Wheeler, Burnst; Vidhers, Charlette, Charlette

December 19 March 19

9:20. Radolph Joskowitz, violinist; 9:50, dance program,
WOO, Philadelphia, Pa. (307.2m-590kc), 7:30 p. m.,
Svirania dauce ordestaria; S., revinia; 9:25, Pore inhater
Svirania dauce ordestaria; S., revinia; 9:25, Pore inhater
WOR, Newark, N. J. (408.2m-7468kc), 6:15 p. m., Hotel
Bretton Hall quartet,
WPG, Atlantic City, N. (200.2m-1000kc), 6:15 p. m.,
WPG, Atlantic City, N. (200.2m-1000kc), 6:15 p. m.,
dinner music; 8:15, Sol Kandis and Chiek Leonard,
cuterrainers; 8:30, Million Dollar pier dance orchestra; 9, Hotel Trajamore concert orchestra; 9:30, deanes music; 16, Jamer Sail, Water Tariy Poys' dance
dense music; 16, Jamer Sail, Water Tariy Poys' dance
dense music; 16, Jamer Sail, Water Tariy Poys' dance
(Programs of the Company of the Compa

Richinond erchestra 3:15. "Down South in Old Virshiny"; 10. Hotel Richimud Whater Gardon creditestra. Worseller, Mass. (2877m.1120ks). 8:15-10 Ha. correct program; 10-10:0, WEAS. WILLIAM CONTROL OF CONTROL OF

Central Time Stations
1001, Nob. (340.7m-880kc), 8:30-10:30 p. m., Central Time Stations

KFAB, Linconn, Neb. (340.7m-880ke), 8:30-10:38 p. m., Corner night.

KFAB, Linconn, Neb. (340.7m-880ke), 8:30-10:38 p. m., dir.

KFRU, Galumhia, Me. (399.8m-750ke), 6:15 p. m., dir.

KFRU, Galumhia, Me. (399.8m-750ke), 6:15 p. m., dir.

KRMA, Shemandash, lowa (252m-190ke), 6-7 p. m., KMA, Shemandash, lowa (252m-190ke), 6-7 p. m., Arthur Ult, organist; 6:30, Mrs. Jacques Landree, organist; 7, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; Christota and her uke: 8, special activat; 9, orchestar; David Christota and her uke: 8, special activat; 9, orchestar; David Christota and her uke: 8, special activat; 9, orchestar; David Christota and her uke: 8, special activat; 9, orchestar; David Christota and her uke: 8, special activation and her uke: 9, orchestar; 1, orche KFAB, Lincoln,

Java, Corlino Jordan; Aleralio orchestra; 9-9.15. old fraverito sume.

WCOO, Minneapolis-St. Paul. Minn. (416.4m-720kt), 645 p. n., dinnet concert, Westey Barton's Nicolis of 15 p. n., dinnet concert, Westey Barton's Nicolis of 15 p. n., dinnet concert, Westey Barton's Nicolis of 15 p. n., 10,93, Tammet Leng's Golden Phesamt orchestra. 10,93, Tammet Leng's Golden Phesamt orchestra. Paul Nicolis Selection of 15 p. n., Trilanot ensemble; 8-9:20, musicale; 11:45-1 a. n., Tell Wester, Vielor Rescording crohestra; Billy Adaltr's Tell Wester, Billy Adaltr's WEBH. Chicago, 10, (370.2m-810kc), 7-8 p. m., Oriolo orchestra; Paulino Sacha, corpora pi Elegon Kapfan, violinist; 9-9:15, news; 9:13-16, Evansion Hospital nurses ellen club; 11:23:30 a. n., Croico ovenestra burses clien club; 11:23:30 a. n., Croico ovenestra. WEBM. Berrien Springs, Mich. (285.5m-1630kc), 29 p. m., request, number; Marthe Intellision, seprangi, Lighthouse chuir; T. H. Madlson, violitists; 10, P. Penarce, lass.

nurses gine ciuo; 11-23:30 a. m., (Friole ovenestra; Irine Bessign, Springs, Mitch. (285.5m-1650kc), 3 p. m., request numbers, Mariha Hatchison, sopram; Lighthouse chuir; T. H. Madland, violitists; 10, P. Pearce, 1633. Texas (475.6m-630kc), 6:38-7:30 p. m., Haudan School of Hawaiian masie; 8:38-9:59. Genze, Loss. Gobb and assisting musicians.

WGBF, Evansville, 1nd. (236.1m-1270kc), 8 p. m., mu-

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Friday, April 9

WGN. Chicago, 111. (302.8m-990ke), 6:30-6:45 p. m. Drake copert encemble, Blackstone string quintet rano convert enternate, Blackstone arring quinted. 45th detained taroutes; \$65-7, the Million sing. \$65-7, the Million sing. \$65-7, the Million sing. \$65-8, the Million sing. \$65-8, the Million sing. \$65-8, the Million sing. \$65-8, the Play Shop; 10:45-11, studio combile.

manous van Burne, manist (250), College Inn orthestra; D. Rajhb Euerson, organis—6-70ke), C p. 10., Chicago, HI, G42.5m.4-70ke), C p. 10., Chicago thader organis (5.3), recentus (5.3), E. Francis church (5.3), 10. Chicago, 10.

istia, Mc. Memphis, Tenn. (489.7m-600ke), 8:30 p. m., teorete Hausilans; 11. ftolie, OAW, Ooshan Neb. (528m-579ke), 6:20 p. m., Francisch Cottor's banjo orchestra; 6:30, Gibbert, Jantist Vollinist, Nat. Vender, pinnist of Vollinist, Nat. Pender, pinnist program; 10:30, Prank Hodek and fils.

ngale, evenport, 10ma (483.6m-620ke), 5:45-6 p. m., evenport, 8-9. Stdney Milhanks, barttone; Mis-Ellieft, organist; Marty Yeazelle Alexeer, tence "A Step on the States," Ephanic YI, misters



home direct from the manu-facturer and save four profits, on the lumber, millwork, hardware and labor.

highest grade interior woodwork ings, summer cottages and garages to choose from. Write nearest mill today for FREE Money-Saving Catalog No. 1722.

The ALADDIN Co., BAY CITY MICHIGAN Wilmington, N. Carolina; Portland, Ore.; Toronto, Ont.

Atwater Kent Program, April 4, over WEAF and Chain's Albert Stoessel directing the New York Oratorio Society

"The Promise Which Was Made Unto the Fathers" ... Easter Anthem V1. (a) "Commit Thy Ways" (St. Matthew Passion)
(b) "Glory To Thee Be Given" (Sleepers, Awake!)
VII.
(a) "Laud Ye the Name of the Lord".
(b) "Glorious Forever!". "I Know That My Redcemer Liveth" (from the "Messiah")
IN, The Strife Is O'er, the Battle Won' Traditional *The WEAF chain for the Atwater Kent hour (9:15 p. m. Eastern time. 8:15 p. m. Central time) includes WEAF, WOO, WGR, WCAE, WCAP, WJAR, WTAG, WUN, KSD, WCCO, WOC, WSAI, WEAR, WEEI,

VOK, Chicago, III. (217.3m-1380kc), 7 p. in., Cautiei dicater of an intercent. 16-1:00 in. Terreney's correction of a control of the control

WQJ. Chicago. III. (447.5m-670kc), 7-8 p. n Williams and his Rainbo Garden orchesture; Leviue, teory: Florence from, 2019ana; Jean baritone; Christian Ghinan, accompanis; Il-Raibh Williams and his Rainbo Shykers; cille Long, Rainonica player; Elenare Terr Olson; Clatt's Hawarin troy Johny Fost, Terror (445.5m); Conservations, Chinger Inou-WRR, Dallas, Teno (445.5m-1220kc), 4-7 p.

11-12 Blowyner and Park Delinary, violated by WSS. Allanta En (425, int. 700c); b. in. Spellans college glee club; 19-45. Venefian Meisty artists. WSRT. Soulb Bend, Ind. (225, int. 1908); 7-215 p. in. orchesta, ranger; wSR. Nashyild, Tenn. (222, int. 1908); 8-350 p. in. Penuris Craft's orbesta; S. Vanderbill university; Park College and College with Market Craft Source with Market Craft Source

Mountain Time Stations Calgary, Can. (435.5m-588ke), 7-8 p. m., salon

Aues Neum's Hammond Coltage City orchestry.

ROA. Benner, Colo. (322-4m-308ch). 6:30 p. m., dinner concert, Brown Palare string orchestry; 3. Instrustring orchestry; 3. Instrustring orchestry; 3. Instrustring orchestry; 3. Instrustring orchestry; 3. Instrucert (martet, voca); KOA orchestra; Margaret Grubb,
Plainte; chorlege, New Mex. (340.6m-868kz), 7:304KOB. State Cellege, New Mex. (340.6m-868kz), 7:304Ellion July, articola.

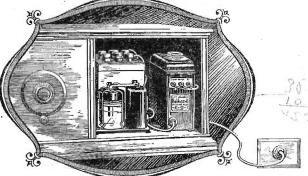
Pacific Time Stations

Vancouver Can. (291.1m-1880kr), 8.5m p. m.,
Vancouver choir. Mrs. James Illiforat, contradin. C. Power, supranot C. Danrom, accommand;
Cabaret Belmont orchestra; Beire Mullar, m.

16.36, Calairest Definion erchestra; Reice Mullar, monance, prosono.

(Fig. Los Angeles, Galif. (467m-400ke), 0:35- p. m. traditionical appendix 1-7-30, Carlyin-Stevenson's Elements of the Company of t

(Continued on page 16)



perate your present radio set from the light socket

with Balkite "B" and a Balkite Trickle Charger

The radio set you now own will operate from the light socket. No changes are necessary. You need only add Balkite "B" at \$35 and a Balkite Trickle Charger at \$10.

Balkite "B"—the noiseless "B" power supply—replaces your "B" batteries entirely and supplies plate current from the light socket. The Balkite Trickle Charger keeps your "A" battery always at full charge, also from the light socket.

This type of installation is the last word in radio convenience and ease of operation. You always have full, even power, exactly as required by the set. And because you always have full power you secure a quality of reception possible in no other way.

Both Balkite "B" and the Balkite Trickle Charger are entirely noiseless. Their first cost is the last. Both are permanent pieces of equipment with no bulbs, nothing to replace, break or get out of order. Ask your dealer.

Prices slightly higher West of Rockies and in Canada



Manufactured by FANSTEEL PRODUCTS COMPANY, Inc., North Chicago, Ill.

MARKETS AND WEATHER

	Daily E	xcept Su	inday
Easte	n Centra . m. 8:30 a	Moun'	tain Pacific
9:30 0	. m. 8:30 a		a. m. 6:30 a. m.
WOVA	(530m-570Kc) Markets.	0:45
9:45	8:45	7:45	
	(309.1m-970)	(c) Divestock	, graig.
10	044 Cm 0701rs	T inactable	marirate feuit
WILD I	440 Qui-680ke	Horse,	markets, fruit.
10:30	9:30	8:30	7:30
WEA 4	(475.9m-630k	re) Markets.	
wereo	(416,4m-720h	c) Markets.	
WHO	(526m-570kc)	Opening -	grain quotations,
New	York and Ci	nicago stock	exchange. Live-
stock,	(416.4m-720h (526m-570ke) Yoth and Ci weather, ro	ade.	
11.110	199.101-000KF	, weather,	markets.
11	10	9	В
wos (110.9m-680kc 10:15	weather,	nuga.
11:15	10:15	9:15	6:15
M.I.VG	(268m-1120k	c) alarmeis.	weather.
11:30	19:30	9:30	8:30
4.CCO	(416.4m - 720)	c) Markets.	Q
D.DKA	(309, 1m-970)	(c) Weather,	livesteck, grain.
WISTI.	(473.2111-0a01	Paultry d	airy, hogs, sheep.
MIS C	(440 Orn COOL	a) Livertock	c, poultry, ongs,
grain.	(440.010-0000	() Literature	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		10:30	9:30
DEE A P	(294 Am - 780)	ke) Markets.	weather.
WEAA	(384.4m-780) (475.9m-630)	kel Markets	
1	12 n	11	10
TEGAP	(475 0m-630)	ket Markets.	
WHO	526m-570kg)	Livestock, r	eccipts. Weather,
man de			
WOS (410.9m680kc) 12:30 (374.8m-800)	Livestock.	weather.
1:30	12:30	p. m. 11:30	10:30
KTHS	(374.8m-800)	ce) Markets,	, weather.
marke	t, apples.		
11.071	(526m-570k)	a) Markets.	10:45
1:15	12:45	11:45	19395
		b) Weather,	roads, livesteck,
poult	у.		
2		12 17.	Timestale
MOG	(433.6m-620k)	c) Weather,	grain, livestock,
dairy		1 p. 11	n. 12 n.
WILL	(500m-570lm)	Lirasicel:	Chiengo and St.
Louis	closing casi	h market a	notations. Chicago
Copye	of Track N	Y. Stock o	notations, Chicago exchange. grain, dairy, fruit,
WLS C	144.0m-870ke	Livestock,	grain, dairy, fruit,
restet	10105.		
WON (140.9m-680kc	Livestock,	markets, grain.
2.20	2 - 30	1:30	12:20 n. m.
WFAA	(475.9m-630)	ke) Markets.	10.50
H.H.1	(352.7m-850kc		
4	3	2	8
WCCO	(416.4m-720)	ic) Markets.	
	(416.4m-720) (475.9m-630	kc) Markets,	3:45
WFAA			
	5:45		
K87C	(340.7m-S801	co) Market	1971077-
K87C	(340.7m-S801	(c) Markst	raviow. markots, livestock,

UNKNOWN GIRL TO BE MADE FAMOUS ON AIR

Don Meaney to Try to Popularize Movie Extra Girl

HOLLYWOOD, Calif.—Probably the first effort ever made to popularize a motion picture personality entherly through Radio has been started by Don Meaney on his KNX midnight frolic over KNX each Thursday night from 12 to 1 a.m. Pacific time.

A.M. each Thursday light from 12 to 1 a. m. Pacific time.

The name selected by Don Meaney to make known to all America by means of the Radio is Anne Howe. No one as yet has seen her on the screen, she is just an extra girl, with all the qualities that make for screen success, that Don Meaney has taken in hand and promised to publicize throughout the land.

Members of the Wampas, Hollywood's association of movie press agents, are reported to be sticking very close to the loud speakers on Thursday nights to see if Don Meaney can make a success of his new idea in publicity, which is novel, oven in jaded movieland.

Friday, April 9

(Continued from page 15)

KGO cakind, Calif. (201.2m-630kc), 6-0:55 p. m., AWB per conserved to the Oakland, Calif. (301.2m-830kc), 6-6:55 p. m.,

Reveals Drifting Snow Discharges Electricity

Fine, Strongly Charged Particles Cause Static Interference

LONDON.—A remarkable discovery which brings a newcomer into the ronks of Radio's static enemies has been made by a German scientist, Dr. Stager.

He has revealed that drifting snow may become electrified and thus cause discharges which can be perceptible in nearby receivers.

It has been known that fine dust or fog or even steam clouds are easily electrified and thus become potential sources of interference, but Dr. Stager has been able to show that fine snow particles when drifting in the Swiss mountains were strongly charged.

Experiments in England have proved that even steadily falling snow can prove a medium for interference. One wonders why these particles must drift before they become charged and where the charge comes from.

Decision Upholds Right to Broadcast Market Reports

CHICAGO.—A far reaching decision clarifying the status of certain classes of CHICAGO.—A far reaching decision clarifying the status of certain classes of Radio broadcasting was seen in the opinion handed down recently by the Cook county appellate court, sustaining the John P. Bowies company, cattle brokers, in an inducetion against the Chicago Livestock exchange, restraining that organization from interfering with the daily broadcast market reports by remote control from the stock yards over WHT, which is conducted as a public service by the brokerage concern.

The injunction is the outgrowth of a resolution adopted by the Livestock exchange effective December 1, restraining any member of the concern from broadcasting market reports. The legal ruling was first granted by the circuit court and appealed by the Livestock exchange to the appellate branch.

WUC Heard in Holland
DAYENPORT. Ia.—Word has just been received that WOC, Palmer school station here, was heard clearly in Delf, Holland, during the international Radio week tests.

161 Radio Bidg., ATCHISON, KANSAS

NEWS BULLETINS

| Daily Except Sunday | Eastern | Contral | Mountain | Pacific | S49 a.m. | 745 a.m. | 745 a.m. | 645 a.m. | 745 a.m. | 745 a.m. | 645 a.m. | 745 a.m. | 7 Daily Except Sunday KOIL (278m-1080kc); WOC (483.6m-820k 7:15 6:15 5:15 4:15 WMAK (285.6m-1130ke); WOAI (394.5m-760ke). WMBF (384.4m-780ke); WMCA (840.7m-880ke). 9 8 WSAI (325.9m-920kc). 9:30 8:30 KPO (428.3m-700kc). 7:30 10 9 KLX (508.2m-590ke), 10:45 9:45 WEBH (370.2m-810ke). 8:45 2:45 Eastern Central 8,p.m. 7 p.m. WMLAIX (265.6m-1130kc). 8:15 7:15 WEBH (870.2m-810kc). 9 B WPG (299.8m-1000kc). Pacific 5 s. m. 6:15 5:18

KYW, "The World Crier," broadcasts news every half hour from 8 a. m. to 2 a. m.

KEWB (252m-1190kc).

WRC Sends Farm Programs WRC Sends Farm Programs
WASHINGTON.—The farm Radio programs, arranged by the department of agriculture, have been added to the daily
features broadcast by Station WRC, here.
The farm information under the heading
"fifty Farm Flashes," together with the
"Housekeepers" Half Hour," are being
broadcast daily except Saturday and Sunday, from noon to 12:30 p. m., Dastern
thme. Appreciative rural listeners have
written many letters thanking WRC.

Old Fireside Circle Is Brought Back by Radio

Restores to American Home What Other Inventions Took

DENVER.—Radio has restored to the American home what earlier inventions have ripped from it, according to George Sanford Holmes, managing editor of the Rocky Mountain News and Denver Times and a recent speaker over KOA at Penever. Through Radio, he asserts, the familiar freside circle has been resumed and thousands of homes have been reconstructed.

"Millions thrill beneath the spell of Radio, drawing from the ether, inspiration and information, entertainment and education, recreation and relaxation," he emphasized.

Upon the broadcasting station as well as the newspaper, rests a deep responsi-bility to discharge with integrity and intelligence the public trust which re-poses inherently in each."

Organ Concert in New York

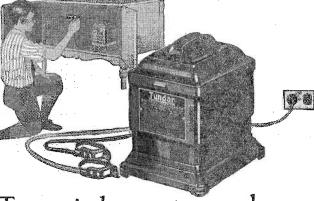
Urgan Concert in New York
Reaches Ship Off Honolulu
LOS ANGIELIES.—Organ music from a
concert hall in Albany, N. Y., was the
treat given California listeners on March
II, when KNX picked up and rebroadcast the
program from WGY between 8 and 9
p. m. Pacific time. KNN's rebroadcast of
WGY was picked up by Harold Janss
aboard the President Cleveland a few
honrs out of Honolulu, making a total
distance of 4,925 miles that the music
traveled through the air.
KNN's rebroadcast also was again rebroadcast by KFWO, the Mott station on
Catalina Island, thirty miles off the
southern California coast.

Big Demand for Radio Book

GINCINNATI.—Librarlans in practically all of the largest cities throughout the United States have adopted "Simplicity of Radio." by Powel Crosley, Jr., as one of their standard popular treatises on Radio.

The demand for books of this type may indeed from the fact that the Now.

be judged from the fact that the New York city public library uses at the pres-ent time fifty-five copies of this book in its main library and branches.



Tungar is the easy-to-use charger



bulb charger. It is a G-E product developed in the Research Lab-oratories of General Electric.

The new Tungar charges 2, 4 and 6 volt "A" batteries, 24 to 96 volt "B" batteries, in series; and auto bat-teries, too. No extra attachments needed.

East of Rockies Two ampere size \$18.00 Five ampere size \$28.00 60 cycles . . 110 vol-60 cycles . . 110 volts ferchandise Departmen ferchandise Departmen foneral Electric Compar Bridgeport, Connecticu

Anyone can clip a Tungar to a battery and plug it in on the house current. That's all there is to it.

Attach a Tungar at night—and have snappy batteries in the morning. It will not blow out Radiotrons.

It needs little attention. Only a dime's worth of current consumed for a charge. No wonder "Tungar" is fast becoming the word for battery charger.



Tungar-a registered trademark-is found only on the genuine. Look for it on the name plate.



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AN EVENING AT HOME WITH THE LISTENER IN IN EASTERN TIME

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C	JCA KAC	Edmonton, Can		11:00- 1:00	9:30-10:30	9:30-11:30	9:80-10:00 7:00-11:30	8:00-10:00	11:00- 1:00 7:30- 9:30	10:00-1:00 Stlent	WGJ Chicago, III
C	KOL	Toronto, Ont	356.9 356.9	7:00- 8:00 8:00-10:00	8:00- 4:55 Silent	Silent 8:00-11:00	7:00-11:50 Silent	Silent Silent	7:00- 8:00 Silent	Silent	WRVA Lansing, Mich 25.5 10:00-12:90 Silent S:10-11:10 S:10-11:10 Silent S:10-11:10 Silent S:10-11:10 Silent S:10-11:10 Silent S:10-11:10 Silent S:10-11:10 S:10-11:10 Silent S:10-11:10 Silent S:10-11:10 Silent Sile
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ĸ	FWA FWB	Ogden, Utah Hollywood, Calif San Francis., Calif	260.7 252 226	11:00- 2:00	12:00- 2:00	Silent 10:30- 2:00 11:00- 3:00	Silent 11:00- 2:00	11:00- 2:00	Silent 11:00- 2:00	Silent 10:10- 2:00	209.7 WSBC 266 WBCN 288.3 KFKX 340.7 WKAQ 394.5 WOAI 468.5 WCAF 217.3 WOK 266 WGHB 288.3 WLWL 340.7 WMCA 399.8 WHAS 468.5 WRC
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K	LDS LX	Oakland, Calif Shenandeab, lewa.	508.2	SHent	7:30-11:00 Silent 5:00- 7:00	7:00- 1:30		Silent 7:00-1:00 7:00-12:00	9:00-10:00 Silent 7:00-12:00	7:00- 1:30	240 WDBO 272.6 WFBH 302.8 WGN 356.9 CFCA 421 KIAF 491.5 WEAF 240 WOAX 273 WRW 302.8 WLIB 356.9 CKCL 422.3 WLW 499.7 KFRU
K	MOX	St. Louis, Mo Hollywood, Calif	280.2 336.9	7:00-12:00 8:30- 5:00	10:n0-11:00 9:30- 1:30	7:00-12:00 8:30- 3:00	7:00-12:00	7:00-12:00 8:30- 3:00	Silent 8:30- 3:00	7:00-12:00 8:30- 3:00	244 WAMD 275.1 WHAD 805.9 KTCL 836.9 CKNC 422.3 WKRC 499.7 WMC 246 WBAL 275.1 WHAR 305.9 WJAR 361.2 KGO 428.3 WSB 502.8 KFQE 250 KFXF 275.1 WORD 309.1 KDKA 361.2 WHN 428.3 KPO 508.2 KLX
K	OA OB	Denver, Cole StateCollege, N.M		Silent	Silent	9:30-10:80	Silent	Silent	Stient	9:30-10:30	250 KFXF 275.1 WORD 309.1 KDKA 351.2 WHN 428.3 KPO 508.2 KLX 250 WGES 275.1 WSWS 315.6 KPDM 365.6 WDAF 434.5 CNRO 508.2 KLX 250 WMBB 275.3 WJAS 315.6 KPSN 365.6 WHE 434.5 CFCN 508.2 WGC
K	COIL CPO CPRC	San Francisco, Cal. Houston, Texas	428.3	8:00- 4:00 9:35- 3:00 8:30-12:00	8:00- 1:00		9:40- 2:00	D:40 - 2:00	7:00- 1:00 0:40- 2:00 8:30- 1:00	9:30- 2:00	252 KFWB 278 KOIL 315.6 WAHG 370.2 WEBH 434.5 NAA 516.9 CJCA 252 KMA 278 KWWG 315.6 WGBS 370.2 WJJD 435 AT9 516.9 WGS
K	PSN SD	Pasadona, Cal St. Louis, Mo	315.6 545.1	11:00- 1:00 7:45-11:00	11:45-12:45 7:15-10:15	8ilent 7:55-12:00	11:00-12:00	Silent 8:00-10:00	11:00-12:00 7:55-11:00	Silent 8:30-10:00	252 WGCP 278 WCAU 319 WGR 374.8 KTHS 440.9 KLDS 516.9 WJE 256 WRVA 278 WGBU 319 WSMB 379.5 WGY 440.9 WDWF 526 WHC 258 WADC 278 WOO 322.4 KOA 379.5 WHAZ 440.9 WOS 526 WHYC
K	(SL (TAB	Salt Lake City, U. Oakland, Calif Los Angeles, Cal.	240	10:00- 1:00 Silent Silent	9:30-12:00 10:45-12:15 10:15-12:30	0:00- 1:00 11:00- 1:00	9:00-12:30	9:30- 1:00	9:30- 1:00 12:00- 3:00 11:00-12:00	9:30-12:00 11:00- 1:00 Silent	260.7 KFWA 280.2 KMOX 322.4 WJAZ 384.4 CKY 447.5 WMAQ 526 WOAW 260.7 KFJF 280.2 WNAC 325.9 WSAI 384.4 KJR 447.5 WQJ 535.4 KYW
K	TCL	Seattle, Wash Hot Springs, Ark.	305.9	Silent	12:10- 9:10	10:00-11:00	11:00-12:00	Silent	Silent	10:00- 3:00 10:00-12:00	260.7 KWKH 282.8 WOAN 333.1 WBZ 384.4 WMEF 454.3 KFOA 545.1 KFUC 260.7 WMAZ 282.8 WSM 336.9 KNX 389.4 WEAR 454.3 WJZ 545.1 KSU
К	CTHS CTW CUOA	Seattle, Wash Fayetteville, Ark	455	9:30-10:30 Silent	Silent	Silent	9:30-10:30 8:30- 9:30	Silent 9:00-10:00	9:30-10:30 Silent	Silent Silent	263 WPPI 285.5 WEMC 136.9 KTMX 389.4 WTAM 455 KTW 263 KFNF 285.5 WKAR 336.9 WJAX 394.5 WFI 481.2 WCAB 265.6 WMAK 285.5 WREO 1340.7 KFAB 1394.5 WLIT 467 KFI
K	WKH WSC	Shreveport, La Pullman, Wash Brownsville, Tex	260.7	10:00- 1:00 Silent 7:00- 8:00	8:00-12:00 Silent Silent	10:00-12:30 10:30-12:00	Silent	10:30-12:00	9:00-10:30 - Stlent 7:00- 8:00	5ilent 10:30-12:00	
K	(WWG (YW	Chicago, IllRadio, Va	535.4	7:00- 3:00 7:00- 3:00 Silent		9:30-10:30 Silent 7:45- 8:00	7:00- 8:00 7:00- 1:00 7:45- 8:00	7:00- 8:00	7:00- 3:00 7:45- 8:00		SHORT WAVES jovial chap about 28 years of ago, 1 pounds heavy, and has dark hair and bleeyes. A civil engineer by education a
P	WX	Akron, Ohio	400 258	8:30-11:00 6:30-7:30	8:00-10:00 6:30- 7:30		8:30-11:00	8:00-10:00	Stient 0:30-11:00	8:30-11:00	By Marcella profession, he prefers Radio entertaining
٧ ٧	VARG VAIU	Richmond, N. Y Columbus, Ohio	. 293.9	12:00- 2:00 9:15-11:00 7:15-11:30	3:00- 4:00		Silent 6:00-12:00	7:30-12:00	Silent 6:00- 7:00	\$:00-11:00 6:00-12:00	(Continued from page 6) McNames ever sang via WEAF? Well be What deep secret would you like
W	VAMD VBAL VBAP	Minneapolis, Minn. Saltimore, Md Fort Worth, Tex	246	Silent 7:00-12:00	6:30-8:30	6:30-10:00 7:00- 1:00	6:30-10:00	Silent	7:15- 1:00 6:00-10:00 7:00- 1:00	6:30-10:00	Monamee ever sang via WEAF? Well, he doesn't. However, he has. Twice during know about your favorite broadcast state two "WEAF Home Talent" programs and Drop me a note, girls and boys, and I
٧	VBAR VBBM	Sisint, Wis	406 226	Silent 9:00-3:00 8:00-10:00	5:00- 3:00	10:00-11:00	9:00- 1:00	9:00-10:00 9:00- 8:00 Stlent	9:00- 1:00		once in an "Eveready Hour" program. All do my best to answer here. MARCELL three times he was announced under his
Y	VBBR VBCN VBP1	Staten Island, N.Y. Chicago, Ill New York, N. Y	266	10:00- 2:00 6:00 11:45			10:00- 2:00	9:00-1:00		10:00- 2:00	own name. BEST MACARONI DISHE
٧	WBZ WCAE	Springfield, Mass Pittsburgh, Pa	333.1 461.3	6:30-10:00 8:30- 9:30	7:00- 9:00 6:30-10:15	6:30-10:30	0:30-10:13	6:30-10:00	6:30-10:00	6:30-10:00 6:30-10:30	Wayne wants to know what became of the Reese-Hughes orchestra, formerly stiffly beaten egg whites. Pour into
Ý	WCAP WCAU WCBD	Washington, D. C. Philadolphia Pa., Zien, Ill.,		Silent	4:00-10:15 5:00-11:30 9:00-11:30	6:00-11:00 8:00-11:30 Shent	Silent 6:45-11:30 9:00-11:30		Silent 6:30-12:30 9:00-11:30		heard over WHO, Des Moines. The or- buttered moid of baking pag and spring
Ý	W CCO	Minn-St. P., Minn Pensacola, Fla	416.4	7:15-12:00 12:00- 1:00	5:10- 9:10 Silent	7:30-11:00	7:15-11:00 Silent	7:45- 1:30 7:30- 8:30	8:00-12:05 Silent	7:15-12:05 7:30- 8:30	through the courtesy of the Fort Des Water. Bake 40 minutes in a mount of Moines but has oven, 350° F. This amount will serve si
٧	WCX WDAF	Betroit, Mich Kansas City, Mo.	365.€	7:00- 2:00	5:00- 5:45	7:00- 2:00	7:00- 2:00	7:00- 2:00	7:00- 2:00		since removed to play at the Blackhawk Sauce for Loaf hotel Dayennorf Perhaps WOC will It is not necessary to serve a sau
Ý	WDBO WDWF WEAF		440.5	Silent	Silent	8:00-10:86 Slient 6:00-12:00	8:30- 9:30	Silent	Silent	Silent	broadcast it some time. With this loat, but in gase you wish use one, I suggest Gold Medal egg sau
V	WEAN WEAO	Providence, R. I Columbus, Ohio	270.	1 6:00-10:30 Silent	7:30- 8:45 Silent	6:30-10:30 Silent	7:00- 9:0	0 :30-10:30 0 8:00- 9:00	6:30-10:30 8:00-11:00	6:30-10:30 Silent	been heard of late there, because the stork clous with this particular loaf. Here
٧	WEAR WEBH WEBI	Chicago, Ill New York, N. Y	- 370.5	2 8:00- 3:00	7:00-10:15 6:00-10:00 Silent		7:00-12:0 8:00-1:3 8:00-9:0	8:00-1:30	S:00- 1:30	7:00-12:00 8:00- 1:30 7:00- 9:00	of a bouncing baby boy. Her evenings are tablespoons Gold Medal flow, % cup mi
٧	WEEL	Boston, Mass	948.6	8:10-11:00	3:00-10:13	G:15-11:00	7:30-11:3	0 6:15-11:00	7:30-11:00	7:30-11:00	egg yolks, 4 tablespoons lemon juic
¥	WENR WFAA	Chicago, 111 Dallas, Tex	266 475.9	7:00- 3:00 7:00- 1:00	7:00-1:00	Silent 7:30-10:30	7:00-11:0 7:30-1:0	7:00- 3:00 Silent	7:00-11:00 7:30-1:00	7:00-3:00 7:30-10:30	Chawlie, of Cincinnati, gets mushy with me. Shame on you! You don't know who blend to a smooth paste. Add the mi
,	WFBH WFI WGBS	Philadelphia, Pa., New York, N. Y.,	. 394.5	6 11 30 - 2 30 5 6 30 - 12 30 6 6 30 - 11 30	9 5:00- S:00 4:30- 5:30 8:00- 9:00	6:30- 3:00 7:00- 7:15	0 6:30-11:3 6:30-11:3	0 11:30 - 2:00 0 0:30 - 8:00 0 0:00 - 8:30	6:30-11:00 6:30-11:00	11:30- 2:00 6:30- 8:00 Stlant	I am, and wouldn't you be surprised, and stir until the same boils. Add sa though, if you ever saw me. I'll admit pepper, and egg yolks, and stir until the same boils.
,	WGBU WGCP	Futford, Fla New York, N. Y.	. 278 . 252	6:30-1:00 8:30-12:00	9:30-12:00	0 6:30-1:00	0 6:30-1:0 Stlent	6 8:30- 1:00 7:00- 9:15	6:30-1:00	6:30- 1:00 7:00- 9:10	you sound interesting—but to give you smooth without allowing the sauce the information, as much as I know, the boil. Add the lemon juice very gradual
,	WGES WGHB WGHP	Chicago, III	- 250 - 266	6:00 - 2:00 6:30 - 1:00 Silent	Silent	6:30-1:06	11:30 - 3:0 0 6:30 - 1:0	0 11:30- 3:00 0 6:30- 1:00	6:30- 1:00	6:30- 1:00	Coldwater, Miss., station is WREC, wave Serve at once on the macaroni and saim length 254.1 meters. You probably car't loaf.
7	WGN	Chicago, III	302.1	7:30-11:00 8:15-10:80	4:00-10:10 7:45-10:10	Stient	7:30-12:0	0 0:09-1:00 0 7:30-12:00 0 0:30-12:00 0 0:30-9:00 0 7:15-1:30 0 8:30-10:00 8:30-10:00 8:00-1:00 0 7:00-1:00 0 7:00-1:00	7:30-12:00	7:80-12:00	get them any more on account of the congestion. KFKE, late of Milford, Kansas, is a delete now, for Dr. Jones sold out his
,	WGY WHAD	Schenectady, N. Y Milwaukee, Wis.	379. 275.	5 G:30-12:00 Stient	3:00- 9:15 4:15- 5:15	6:30- 8:4: 7:15-11:60	5 6:30-11:3 0 7:15- 8:0	0 6:30- 9:00 0 7:15- L:30	6:30-12:30 7:15- 8:00	7:00-11:30 7:15-11:00	is a delete now, for Dr. Jones sold out his suggest that you serve string beat transmitter to Norman Baker, of Muscatine, In., and the latter gentleman has extended on compact that the cooling the string of the service of the servi
	WHAR WHAS WHAZ	Louisville, Ky Troy, N. Y Kausas City, Mu.	. 399.8 . 379.8	1 7:30 - 9:00 3 8:30 - 10:00 5 Stlent	5 (30 - 6 :3) Stlant	7:30-12:00 Silent	7:30-9:0 8:30-10:3	0 SHent 0 8:30-10:00	7:30-12:00 3:30-10:00	0 7:30- 9:00 8:30-10:00	tine, ia, and the latter gentleman has ex- stand on the sir under the colors KTNY. Walter Tison is the director and an Gold Medal Semolina Special is o
١,	WHN	New York, N. Y.	361.2	Stlent Stlent	9:00 · 2:00 8:60-12:3	0 8:00-9:00 0 6:00-12:30	8:06-11:0 0 6:00-1:0	6 8:00- 9:00 6 0:00- 1:00	8:00-11:0	0 8:00 9:00 6:00 1:36	nouncer of WOHB, Clearwater, Pla. second recipe. Here it is: 4 tablespoon butter, 4 tablespoons Guid Medial flor
7	WHO	Chianna III	2000	811ent 8 5:00 - 2:00	1:00-11:3	8:80- 1:80 Stlent	8:30- 1:0	0 7:00- 1:00 8:00- 2:00	8:30- 1:0 8:00- 2:0	8:50- 1:00	WCN, Detroit, is back in the hands of C. 2 cups milk, 1½ tenspoon sall, % te D. "Chief" Tomy, its original director and spoon pepper, ½ cup grated species
	WIR	Chicago, III	- 226 - 508,1	6,905-12:94 Silent	1:00-10:0 1:00-10:1	6:05-8:0 5 7:45-11:0	0 6:05-11:3 6 7:80-10:0	8:00- 2:00 0 7:00- 4:00 0 0:05- 8:00 0 7:30-11:00 0 7:00-12:00 0 8:00-10:00	0 8:05-11:1 0 8:05-11:1	5 0:05- 8:00 0:05- 8:00	WCN, Detroit, is back in the hands of C. 2 cups milk, 1½ temspoon sait, 3 temporal conditions that the back of the conditions that the conditions are conditionally conditions that the conditions are conditionally conditionally conditions are conditionally conditionall
,	WIAS	Jacksonville, Fla.	336	3 7:00-12:00 9 8:00-10:00 4 Silent	5 Stlent 7:30-8:3	7:00-12:0 8:00-10:0	0 7:00-12:0 0 8:00-12:0	0 7:00-12:00 0 8:00-10:00	0 7:00-12:0 0 8:00-13:0	0 7:00-12:00 0 8:00-10:00	erub, at whose meetings the Cities will boiled eggs, 2 cups cooked spagnetti,
	MIND	Moneyhautt 111		0 0.20- 2.0	8 11ent 4 :118 - 5 :0 8 Stlent	Silent Silent	6:30- 2:0 0 7:00-19:0	Silent 0 6:30-2:00 0 7:00-13:30 5 7:00-11:4	0 6:30- 2:0 7:00-11:0	0 Silent 0 6:30 - 2:00	he has been in charge of WGHP, Detroit. Method: Melt butter, and flour, a blend to a smooth paste. Add the mi
	WKAG	Pontiae, Mich New York, N. Y.	0.40	7 :00-10:2: 7 Silent	2:30-11:0 Silent	3 7:00-11:3 Silent	0 7:00-11:4 Silent	7:00-11:4	5 7:00-11:4 6 7:00- 9:0	5 7:00-11:30 0 7:00- 9:00	IWIZ Now York with Frank Kammiain I with Sair and pepper. And grated theer
,	WKAI WKRO WLIB	Cincinnati, 0	995	5 Sileul	1 Wilout			m 7 -110 - 11 - 11	a 7:00 - 8:0	0 7.35- 9:00	and Al Bernard, the Record Boys. Sammy green pepper, pimento and bard cook
	WLIT		394.	5 5:30- 6:3 6 5:00- 2:0	0 7:00- 8:0 0 7:00- 8:5	5:30- 9:4	5 5:30 - 5:5 8:00 - 9:0	0 7:00- 2:0 6 8:00- 2:0 0 5:30- 8:3 0 8:00-12:3	0 5:30- 5:3 0 5:30- 5:3	6 5:30-10:00 5 3:00-12:30	Speaking of the "Phantons" of KPRC, Houston, about whom so many letters of move from oven and sprinkle when the speaking of the "Phantons" of the move from oven and sprinkle when the speaking of the speakin
	WIW	Cincinnati O	422. 288	.3 8:00-11:1 .3 Silent	7:00- 8:0	7:00-10:0 0 8:00-10:0	0 7:00-11:0 0 8:00- 9:0	0 8:00-12:3 0 7:00- 1:0 0 Sitent	0 8:00-2:1 8:00-10:0	U Shent	inquiry have been received, I can only add chopped stuffed olives.
	WMA	New York, N. Y. Luckpart, N. Y. Chicago, Ill Z Macon, Ga	265 447.	.5 0:15-11:0 .5 0:00-11:0 .7 Stlent	7:38- 8:5 00 Silent	7:30-11:0 SHent	9:00-11:1	5 7:30-10:0 5 9:00-10:4	7:15- 8:0 5 8:00-12:0	0 9:00-11:10	to the mystery. It would be unfair to divulge their identity when they have been Daylight Distance Easy for W
	WMBI	Chicago, Ill	250	S:00-12:U	4:00-12:0	o Silent	8:00-12:0	0 11:00-12:0 0 8:00-12:0 0 7:00- 1:0	0 8:00-12:0	0 8:06-12:UL	so careful to keep it secret. The lady mem-
	WMC	Memphis, Tenn New York, N. Y	499 340	.7 S:15-10:3	30 Silent 7:00-10:0	8:15-10:0 9:00-12:0	0 8:15-1:0 0 8:00-12:0	0 Silent 0 9:00-12:0	8:15-10:4 0 9:00-12:0	5 8:15- 1:00 0 8:00-11:45	a stately blonde with curly bobbed hair for having its morning and nool, and blue eyes, and has been on tour in grams heard in Boston, Mass, and
	WNYC	New York, N. Y	280 528	Z 6:00-11:0 3 7:00-10:5	0 9:00-11:0	6:80-10:4 00 7:35-10:3	5 0:00- 9:0 7:10-10:3	0 7:30-10:0	6:00-9:0 0 7:35-10:3	0 7:30-10:80	eastern vandeville circuits during the past Texas: Fort Collins, Colo, also two seasons. She does the vocal part of WHT's daylight broadcusts. The program, while the male member of points are all approximately 1.05
	WOAN	Lawrenceb'g. Tent	11. 282 520	.8 Silent 7:00-1:0	10:00-11:0	00 10:00- 2:3 00 7:00-11:0	30-10:1 30 10:00-11:0 0 7:00- 2:0	00 10:00-11:0 811ent	0 19:00-11:0 7:00- 2:0	0 10:00-11:0	a stately blonde with curly bobbed hair for having its morning and nool and blue eyes, and has been on tour in grams heard in Boston, Mass., and teastern vandeville circuits during the past two seasons. She does the vocal part of the program, while the male member of the Program, while the male member of the Phantoms is the planist. He is a round, from Chicago.
		•		15FT							

Call	Location	Mot.	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
WOAX	Trenton, N. J	240	Silent	9:30-11:30	Silent	Silent	Silent	Silent	Silent
WOC	Davenport, la	483.6	10:00- 1:00	7:20-12:45	Silent	7:30-12:30	7:30-11:30	7:30- 1:00	
WOK	Homewood, Ill	217.3	11:00- 2:60	7:30- 0:30	7:00- 2:00	11:60- 2:00	11:00- 2:00	11:00- 2:00	11:00- 2:00
WOO	Kanses City, Mo			6:05-10:15			7:30-12:00		7:30-12:00
WOR	Philadelphia, Pa.,		9:00-12:00	9:00-10:15	Silent	0:00-10:00	Silent	8:00-10:00	Silent
WOR	Newark, N. J				6:15-12:90	6:15- 8:00	6:13-11:30	6:15- 8:20	
woro	Batavia, III		8:00-11:25			8:00- 1:45			8:00- 1:15
WOS	Jeffersen City, Mo			9:00-10:00	9:00-11:00		9:00-11:00	Silent	9:00-11:00
WPG	Atlantic City, N.J.					6:45-12:00	Silent	6:45-12:00	6:45-12:00
Mai	Chicago, III	447.5	8:00- 4:00	8:00-11:00	Silent	8:00- 3:00	8:00- 3:89	8:00 - 3:00	8:00- 3:00
WRC	Washington, D. C.	468.5	7:15-11:30	Silent	Silent	7:00-11:30	Silent	7:00-12:30	Silent
WRED	Lansing, Mich	285.5	10:00-12:00	Silent	Silent	8:15-10:00	Stlent	8:15-10:00	Silent
WRVA	Richmond, Va	256	Silent	Stlent	8:00-11:15	Silent	8:00-11:00	8:00-11:00	7:00-11:00
WRW	Tarrytown, N. Y	273	9:06-11:30	3:00-11:30	9:00-11:30	9:00-11:30	9:00-11:30	9:06-11:30	9:00-11:30
WSAI.	Cincinnati, O		8:80- 2:00	4:00-11:15	11:00-12:00	8:00-11:00	8:00-11:15	8:00-11:00	Silent
₩SB	Atlanta, Ga	428.3	3:00- 1:00	8:30-10:15	9:00- 1:00	8:00- 1:00	11:45- 1:00	9:00- 1:00	9:00- 1:00
WSBC	Chicago, III		7:30- 5:00		6:30 - 8:00		7:30- 2:00		7:30- 2:00
WSM	Nashville, Tenn		7:30- 1:00			11:00- 1:00	7:30-12:00	Silent	7:30-12:00
WSMB	New Orleans, La		0:30-11:30		9:30-12:30	Silent	9:30-11:30	9:30-12:00	Silent
WSUI	lowa City. la	483.6	Silent	10:15-10:45	8:30-10:00	Silent	Silent	Silent	Silent
WSWS	Chicago, 113	275.1	7:00- 2:00	Silent	7:00- 8:00	7:00- 2:00	7:00- 2:00	7:00 - 2:00	7:00- 2:00
WTAG	Worcestor, Mass	268	Silent	4:00-10:15	7:00-11:00	7:45-11:00	7:45-11:00	8:00-11:00	8:00- 9:30
WTAM	Cleveland, O	389.4	6:00-12:00	Silent	6:00-12:00	6:00- 7:00	6:60-12:00	6:00- 7:00	6:00- 7:00
WTIC	Hartford, Conn	475.9	6:30-12:00	5:00-10:30	6:30-12:00	Silent	6:30-10:00	6:30- 7:30	6:30-12:00
WWJ	Detroit, Mich	352.7	Silent	6:20-10:00	0:00- 9:00	6:00- 9:00	6:00-10:00	6:00-12:30	6:00-10:00

STATIONS IN ORDER OF WAVE LENGTHS

Meters Call	Meters Call	Meters Call	Meters Call	Meters Call	Meters Call
209.7 WSBC 217.3 WOK	266 WBCN 266 WGHB		340.7 WKAQ 340.7 WMCA		
222 WCOA	268 KFH	293.9 KTBI	344.6 WCBD	399.8 WHT	475.9 WBAP
226 KFWI	268 WTAG		344.6 WLS		
226 WBBM	270.1 WEAN		348.6 KOB	405.2 KHJ	475,9 WFAA
226 W1BO	270.1 WGHP		348.6 KWSC	405.2 WOR	480 CYL
232.4 KFON	272,3 KWKH		348.6 WEET	406 WBAR	
240 KFVE	272.6 WBBR			410.7 CKAC	
240 KTAB	272.6 WEBJ			416.4 WCCO	
240 WDBO	272.6 WFBH		356.9 CFCA	421 KIAF	
240 WOAX	273 WRW		356.9 CKCL		
244 WAMD	275.1 WHAD		\$56.9 CKNC	422.3 WKRC	499.7 WMC
246 WBAL			361.2 KGO	428.3 WSB	
250 KFXF	275.1 WORD		361.2 WHN	428.3 KPO	508.2 KLX
250 WGES	275.1 WSWS	315.6 KFDM	365.6 WDAF	434.5 CNRO	508.2 WIP
250 WMBB	275.3 WJAS	315.6 KPSN	365.6 WHB	434.5 CFCN	
252 KFWB	278 KOIL		370.2 WEBH	434.5 NAA	
252 KMA	278 KWWG		370.2 WJJD	435 AT9	
252 WGCP	278 WCAU		374.8 KTHS		516.9 WJR
256 WRVA	278 WGBU		379.5 WGY		526 WHO
258 WADC	278 WOO	322.4 KOA	379.5 WHAZ	440.9 WOS	526 WNYC
260.7 KFWA			384.4 CKY		
260.7 KFJF	280.2 WNAC		384.4 KJR	447.5 WQJ	535.4 KYW
260.7 KWKH		333.1 WBZ	384.4 WMBF	454.3 KFOA	545.1 KFUO
260.7 WMAZ		336.9 KNX	389.4 WEAR		545.1 KSD
263 WBPI			389.4 WTAM		
	285.5 WKAR		394.5 WFI		
265.6 WMAK	285.5 WREO	340.7 KFAB	394.5 WLIT	467 KFI	

SHORT WAVES

BEST MACARONI DISHES

BEST MACARONI DISHES

(Continued from page 6)

stiffly beaten egg whites. Pour into a buttered mold or baking pau and sprinkle with paprika. Set mold in a pan of hot water. Bake 40 minutes in a moderate oven, 550° F. This amount will serve six.

Sauce for Loaf

It is not necessary to serve a sauce with this loaf, but in case you wish to use one, I suggest Gold Medal egg sauce, as we have found it to be the most delicious with this particular loaf. Here is the recipe for the sance: ¼ cap butter, 2 tablespoons Gold Medal flow, ¾ cup milk, ½ teaspoon salt, ¼ teaspoon pepper, 2 tablespoons lemon finice, grated rind of ½ lemon.

Method: Melt the butter, add flour and blend to a smooth paste. Add the milk and stir until the sauce boils. Add salt, pepper, and egg yolks, and stir until smooth without allowing the sauce to boil. Add the lemon juice very gradually. Serve at once on the macaroni and salmon loaf.

Serve at once on the macaroni and saimon loat.

Serve Vegetable or Pruit

With the macaroni and saimon loaf, I suggest that you serve string beans, spinated or any other green vegetable, and stewed or canned fruit with cookies or cake or any simple dessert.

Gold Medal Semolina Special is our second recipe. Here it is: 4 tablespoons butler, 4 tablespoons Gold Medal floun, 2 cups milk, 1½ teaspoon seld, 5 teaspoon pepper, 5 cup graved discretion, cheese, 4 cup sweet green pepper chopped, 4 cup pinento chopped, 3 hard cheese, 4 cup sweet green pepper to be deducted a constant of the cookies of the coo

Radio Digest

Published by the PROBLEM BY THE RADIO DIGEST PUBLISHING CO., (Incorporated) 510 North Dearborn Street Ohicago, Illinois Telephones: Superior 7323, 7324, 7325, 7326, 7327

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Saturday, April 3, 1926

\$85,000,000 for Radio Programs

\$85,000,000 for Radio Programs

How would you like to have \$85,000,000? Apply to Uncle Sam and see if he will give it to you. Perhaps he will, for it was recently done for a group of millionaires by our senate and house of representatives and Mr. Coolidge.

The occasion was the refunding of the large estate inheritance tax with a two-year retroactive clause in it. In common speech, this means that \$85,000,000, levied against about a dozen millionaire estates and literally in Uncle Sam's pockets, was given back to these estates. No explanation was given as to the cause of this going back two years and taking the burden of taxation off of a dozen dead millionaires to place on millions of living wage earners in the future.

Did your senator or congressman let this go through? Most of them did.

The first reason for this editorial was to propose that Uncle Sam endow broadcasting stations with a fund, say \$85,000,000, the interest carned on which principal would be devoted to purchasing first class talent for the Radio broadcasting stations.

An annual fund of five million dollars would be available for this purpose. Uncle Sam could sponsor its expenditure. The machinery for spending this money to improve programs would not be difficult to organize. Think of the great benefits to the great army of Radio listeners. The problem of who is to pay for broadcasting would be solved forever.

We appeal directly to the heirs of those estates which received the big "divyy" (the rebate of the \$85,000,000) to contribute this paltry (to them) sum to the future of Radio. Let their big-heartedness and foresight for the public wellare be expressed in such a permanent endowment.

We will bless forever the first of those millionaire their and beirs sand heiresses who signs up for the willing the millionaire their sand their sand the research and their sand their sand their sand their sand their sand forest the first of these millionaire their and beirs sand heiresses who signs up for the willing the millionaire their sand their sand

We will bless forever the first of these millionaire heirs and heiresses who signs up for the outlined pro-posal. The line forms at the right.

Give Congress the Ether

Give Congress the Ether

As THIS was being written, the house of representatives had just passed the revised White Radio bill. It has gone to the senate for action. Representative Davis, of Tennessee, a democrat, led the principle opposition and offered dozens of annendments, almost all of which were voted down. The other representatives, excepting White of Maine, father of the bill, were practically silent. They didn't know what it was all about and cared less.

The definition of the word "ether" caused quite a furor. Old-womanish representatives almost eaused an investigation to be made. They demanded more knowledge of the ether.

investigation to be made. They demanded more knowledge of the ether.

Many a scientist would give several years of his life to really know what the ether is. It is such a factor in modern science. Yet we know little about it.

But the house, twidding its thumbs and puzzling over the definition of a word, passed the bill with minor changes. Probably many important things were overlooked, ignorantly or intentionally.

However, we need a law, despite how much favoritism it may show or how weak it may be. We hope the senatt has passed the bill before this issue reaches your hands. If the senate does, and the president signs it, we will be able to get at least a skeleton of an administration for misadministered Radio.

Our "do-nothing" government, as a contemporary publication has aptly labeled the present administration, will have given some sort of excuse for its existence.

Chicago's Silent Night

THE Chicago Tribune is sounding its readers to see what they think about Chicago's silent Monvunight with an idea of modifying it in the summer jee. There is much to be said on both sides. But ago, of course, has a problem individual and diffut from most cities. New York has an analogous lastion difficulty.

Iron most cines. New York has an analogous stion difficulty. like to believe that some day, somehow, a rewill be invented which will be so perfect in its on that silent nights will not be required to the the local barrage. The romance of distance miles of variety has not changed.

RADIO INDI-GEST

Grandfather Listens In I thought the world had plunged ahead I thought the world had plunged ane With hard and reckless power, And all old gentle things were dead And blown like a dry flower. And lying lonely here abed, I had, I fear, grown sour.

But now I feel a different way,
With the heater red and roaring
And the lamp dim and the room gray
And the loud speaker pouring
"When You and I Were Young, Maggie,"
In a team softly soaring. In a tenor softly soaring.

For I see that the young and bold and new Are only fresh leaves hung
On the old oak standing the ages through;
This Radio, now, has sprung
From the loving toil oternally true
"When you and I were young."

CARLTON CULMSEE

Who's Who In Ioway?

Dear Indi: Last night an announcer at a certain lowa station, while broadcasting a program from a dance hall by remote control, declared, "Among the guests prescut tonight, are the mayor and the president of the fair association. In fact, there are hundreds of representatives of the upper and lower crusts of society."

ELOISE

Always Always and Spanish Shawl
This is Station XXXX, Podunk. You have just listoned to Whos Whozis and his orchestra playing "Spanish Shawl." "Spanish Shawl." "Spanish Shawl." "For their next numbers, they will play "Always," "Spanish Shawl," "Always," and "TIRED TILLY

6 677 *******

"A FLOP ON THE STAIRS"
by THE THIRD TROMBONE PLAYER
Episodo 1—"A Bucket of Blood"
SHOT was heard! A woman's voice shrelked
through the night air. Then all was still, quiet

And almost silent.

(Hot xiggity, this is gonna be good. Watch for the next episode. Agnes, quit ehewing your finger nalls, and you, Aloysius, stop drumming with your fingers.)



Not a Moving Picture

Dear Indi: I see in your column where our old friend the Night Herd says as how some stations have put on a play and named it "The Night Herd" and how he lows as how folks will think it is about him. Well, he ain't sot nothin on me. I see as how they have got an anouncer down at WBB, the At—lant—ahb Journal, what they call "Old King Tutt—The Radio Nut." Well may be someone will think that is me—which it ain't, but my better seven-eights says that if he is a bigger Radio nut than yours truly, then she shore pittles his wife. As ever yours,

OLD KING TUTT (Himself)

P. S. Which I says maby he ain't got none. Not a Moving Picture

Where have you been, Tutt? Seems like the last time we heard from you was about 3,000 years ago.

My Pals

Soon the lowing of the cattle dies away and all is still, Save the bowling of a coyote lurking on a nearby hill Or the sound of brushing hodies when the herd begins to mill—

And I'm alone when light of day has gone, But there are three pals beside me—one one is Shep, my mongrel pet

One's a pinto saddle pony—one's an eight tube super-

And there's a host of friendly voices in the ether I can get
To come and keep me company 'till dawn,
THE NIGHT HERD

Machine Has Cold Reception

Dear Indi: Kittle Drummer's ice machine inventsium might be all right, but it looks like it kind of balls things up.

AH GRATTON

Hey, Mildred, Give 'em Cards
Enter the nomination of Michael Angelo to the Pamous
Fans Club—he was the world's greatest designer of
panels.

panels. Schouten, because he used the "Horn" to beat Magellan and he DX-ed Tierra del Fuego, and Demostiones because he actually held a crystal set in his mouth to make him a loud speaker. ELOISE R. Mary, Queen of Scots, because she had her head set on a block. her head se

Wanted-A Guardian Dear Indi: Since you have joined the technical department and started fooling with that invention, I'm beginning to worry. Please don't play with matches,

The Truth Will Out

Dear Indi: Fave you notified lately the decreased number of "loving cup" care? I wonder if its from wearing head phones: THAT RED HEAD GAL

Sorry, Bobette, but we are prone to tell the truth. We have seen more "loving cup" ears the past year than everbefore, since Ponjola, Congressional and Boy bobs have become so popular.

News of the Week



Condensed BY DIELECTRIC

Station WTAM, Geveland, had an unusually good dance program to entertain listeners the other night and during the playing of most of the selections one could easily pick out the drums. It may seem strange to mention that, as though something unusual, but just try to hear the drums in most orchestras and see how unlikely you are to hear them. There are receivers which make the French horn resemble a clarinet and nikes to confound harps and pianos, but just listen for the tympani.

That big prize to follow the completion of the serial "A Step On the Stairs," now running in this paper and broadcast from a number of stations, may loom large while you read of it—and should. While the broadcasting station is putting it on the air, however, you can think of the plot only and the WGY, Schenectady, players took every precaution against the possibility of anyone losing interest while they were dramatizing the story. Much credit is due these players.

A very enjoyable mixed program was given through Station WRVA, Richmond, Va., under the title of the Appainattox Review. The male singers appearing in this were all capable individually and collectively and assured a pleasant evening's entertainment. The gentleman amouncing that evening respected the wishes of most listeners in, yet his innermost feelings came to the surface each time he announced, for never was announcing done so consistently on a minor key leaving the impression of complete sadness.

The Rainbow orchestra has received little mention here for some time past and the whole blame attaches to my negligence. They can play, as all know who listen, and play with alturing charm. However, listeners feel when they hear a saxophone—the instrument produces varying effects—few could have failed to note the ability of the mighty sax player as he sallied forth in the vanguard of his fellow orchestra men, recently. Under his guidance the instrument fairly spoke, sometimes seductively and again most mournfully, but always unfalteringly. Hail the sax.

Pontiac, Mich., should be a notable habitation by now for the particular reason of its being the home site of Station WJR; what other reasons there may be do not concern us. Jewett Jesters provide an interesting feature for their programs, even if the jesting is often more in the name than performance. The contributions of these entertainers, when I listened to them, were of the off-repeated variety in most part and yet you were carried along with the spirit in which they were rendered.

Another Radio jaunt to the home studio of Lambdin Kay found that urbane gentleman as insistent upon quoting at length from "long distance telegraphic requests" as of yore, so "Dubbuye—S—B. THE Atlanta Junnel," etc., finds me willing to subside on the subject. Attention is to be called though to the Meyers orchestra, which does its best to please all in the Radio audience and succeeds admirably. audience and succeeds admirably

During the appearance of L. F. Smythe at the console of the organ utilized to bring pleasure to WHO's listeners, we were impressed with the choice of selections favoring an exposition of the majesty of that instrument. This feature from the state of Iowa, is one surely capable of bringing pleasurable response from all interested in organ recitals. The announcing was very precise and left none in doubt of the identity of the broadcasting station. We'll have them all in line.

How to Stop Blooping and Man-Made Static

Part VIII—Is It in Set or Outside?

By The Technical Staff

be seen by study of the following paragraphs.
First test: To determine if the noise in the receiver is due to a fault in your receiver or is actually interforence coming in from the air. Disconnect your aerial and ground wires. If there is no reduction in the intensity of the noise, while the broadcast music is stopped by the disconnection, the probability is that the source of the noise is in your own receiving set, in the form of a loose connection, faulty batteries, or defective tubes.

nection, faulty batteries, or defective tubes.

If the disturbing noises are considerably reduced in intensity, or cease altogether, you may be reasonably sure that these noises are due to external causes. Their source may possibly be in your own home—electric motors or electric heating or cooking appliances. Again, these noises may be caused by more distant electrical disturbances of many sorts, or heterodyne whistles from broadcasting stations or receiving sets. Just before disconnecting the antenna you must note very carefully the character of these noises, otherwise you may confuse them with noises originating in the receiving circuit which are caused by its being thrown into an unstable condition by the removal of the antenna lead-in. With some receiving sets, a readjustment to a condition of less sensitivity may be necessary before the antenna is disconnected.

Assuming that the disturbing noises are now shown to come from the receiving circuit, how can one tell that they are not extend the sensitivity may be necessary before the antenna is disconnected.

Assuming that the disturbing noises are now shown to come from the receiving circuit, how can one tell that they are not extend the province of the antenna is, for evident reasons, not very convenient and many listeners prefer to leave this to a Radio service man.

CLOSE To the end of the last article several tests were mentioned which the set owner could either make for himself or have done by the Radia dealer from whom he was purchasing equipment. The locating of trouble by means of these tests is not particularly difficult as can be seen by study of the following para-graphs.

First test: To determine if the noise in the point of contact of the ground wire and determine sound with the water or steam pipe. In the everiver is due to a fault in your receiver is due to a fault in your receiver is due to a fault in your receiver or is actually interferènce comparising in from the air. Disconnect your aerial and ground wires. It there is no reduction in the intensity of the noise. Most antennas are equipped with a most product of the ground wire and determine to examine the ground wire and determine switch was opened the first time. Many inside at the instant of the same that one receiver is due to a fault in your feat missence of the ground wire. If the wire is shaken near this point of contact of the ground wire and determine the with the water or steam pipe. In the event of the ground wire and the point of contact of the ground wire and determine to give trouble. It is a stimple matter to switch was opened the first times, however, as there may have been a ditude the difficulty. If the antenila has times, however, as there may have been a ditude for a sufficient longth of time to observe an uniber of variations in the interference.

In cases where it is not convenient to the switch was opened the first time. Many miscaleading coincidence with something to give trouble by a sufficient longth of

with the water or steam pipe. In the event of an insecure contact, a grating sound will be produced in the phones or speaker when the wire is shaken near this point of contact.

Most antennas are equipped with a lighting circuit: From cases of intersource of difficulty. While the receiving set is adjusted as for normal operation, the wire leading from the lightning arrestor to ground should be disconnected. If this causes a noise in the speaker it indicates a defective arrestor.

Outside Disturbances

Second test: To determine whether the interference originates in your own houselighting circuit. From cases of interference originates in your own houselighting circuit. From cases of interference originates, in the speaker it not a defective arrestor.

The most satisfactory way of making his test is for one observer to listen to the interference received on two Radio reference is continuous, have someone open the main house-lighting switch for a few seconds, at the same time listening in on the receiver. If the interference stops when the switch is open, the source of the interference heard at the distanting the interference is probably in your own cir-

Fourth test: To determine if any suspected source actually causes Radio in-(Continued on page 22)



NATIONAL RADIO INSTITUTE Dept. DU9 Washington, D. C. Without obligating me in any way, please your free look "Rich Rewards in Rediction your practical."



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Build Your Own "B" Eliminator!

ADIO DIGEST shows you, in this week's issue, how to build your own "B" battery eliminator. It's easy to do, will save you money, and will insure better operation from your radio.

For Raytheon and Filament Tubes

Better reception can be enjoyed with higher and constant voltage. A "B" Eliminator insures higher voltage constantly. The current consumption is negligible. The eliminator will take care of from two to ten tubes. For best results in your eliminator, be sure you use the Jefferson 355 Transformer and Jefferson 356 Chokes. No noise, no hum, no distortion with this efficient "B" eliminator. Their cost is no greater, yet they embody distinct advantages. The Jefferson 355 Transformer can be used both for Raytheon Tubes and filament tubes-a unique feature.

Jefferson Essential Units for "B" Battery Eliminators are sold through dealers. If your dealer does not have them in stock, write us and we will see that you are supplied. The Jefferson 355 Transformer sells for \$7 (only one is needed); Jefferson 356 Chokes sell for \$4 each (two are required).

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Specialists in Electrical Precision Equipment



JEFFERSON **ESSENTIAL UNITS**

The Reader's View

You Gotta Know How

Why pick on the single circuit?

In looking through the issue of February 6, I noticed a letter from R. McB.

M. of Mansfield. Ohio. Appearently be doesn't like the so-called "single circuit."

There is always a limit to everything. Anybody knows that a single circuit will cause no more interference than some of the other sets, especially the super-hct, if it is rightly operated. Of course, some of those respectful people haven't the brains to operate such a set. I would be very glad to teach such people how to operate such a set.

But why make such a fuss over a little thing like this when there is so much good entertainment on this free air of ours?—N. A. F., Cedar Rapids, Iowa.

Another 10-Watt Getter

Another 10-Watt Getter

In Feb. 20 issue of Radio Digest I see that J.M.H., Lake Charles, La., thinks it quite a fent to pick up 10-watt stations on a broadcast receiver and would like to know how it is done. If C.E.J. of Boston does not satisfy him, I will be glad to if he will write to me. I have had WOWL on a bond speaker using three 199 tubes and at a time when the air was full of stations on nearly same wave length. WOWL is located at New Orleans so he should know if this is good reception or not. WOWL says it is.—H.W.H., Vandalia, blo.

A Friend to Sopranos
Have just read the letter in "The Reader's View" signed C. A., Columbus, Ohio, and, having held the same opinion until the advent of resistance coupled audio, would like to suggest that before condemning the "Old Hen Soprano" we try this type of audio in connection with the W. E. cone speaker.

Have just listened to a soprano solo from WCBD and it was fine—T.L., Okmulgee, Okla.

HELP STOP BLOOPING

(Continued from page 21) terference. In carrying out this test, either of the systems referred to in test either of the systems referred to in test number three is suitable. Great accuracy is required in these tests, for it has been found that many misleading reports have been received from observers who were not sufficiently accurate in their observa-tions. For instance, interference has been reported to be associated with the switch-ing on of the street lights in cases where the interference actually was produced by another circuit which was switched on

CLASSIFIED ADVERTISEMENTS

Classified advertisements in Radio Digest produce results. Have you a receiving set to sell? Do you want to buy a Radio? A classified advertisement in this column will sell your set.

will sell your set.

Rates are twenty cents a word for each insertion, five per cent discount for four insertions, ten per cent for thirteen insertions, fifteen per cent for twenty-six insertions, whenty per cent for fity-two insertions. Name and address to be included at phote rate. Cash should accompany order. Minimum of ten words.

Objectionable and misleading advertise-ments not accepted. Forms close three weeks prior to date of publication, which is Saturday.

BLUE PRINTS

Super-Het, Ryan's Simplest Possible 7-Tube Set. Complete instructions, actual size template. How to make a loop. All for 50 cents. Book Dept., Radio Digest, 510 North Dearborn Street, Chicago.

MISCELLANEOUS

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

PATENT ATTORNEYS

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PATENTS. Broklet free. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyor, 514 G Street, Washington, D. G.

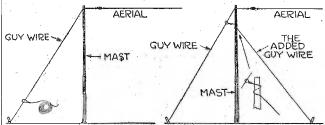


TWIN-DIGET R.F. COIL

A record bloom ow radio

for the control of the control of

TRICK FOR ATTACHING REPAIR GUY



When I erected my aerial mast I put in the diagram. Then I held the other only two guy wires on it. The other night a down. As I was in a hurry to get the mast up again, I neglected to put more guy wires on it. Because it was too much trouble to take the mast down again, I took some wire, looped and twisted one end around one of the guy wires, as shown Kansas.

every evening about dusk. If the observ-ers in this case had noted time very accu-rately, the source of the interference could have been located much more

readily.
Fifth test: To determine from where Fith test: To determine from where the interference radiates by means of a portable Radio receiver. In cases where a portable receiver is available the source of interference may be very often traced by this means. Some of the apparatus used by power companies and Radio clubs to locate interference from motors and dynamos, from street lighting circuits and house lighting whres, from telephone systems and high tension circuits, will be presented for duplication by those requiring such equipment. Each listener

RADIO TUBE RENEWER FOR USE ON FARMS OR IN
OFERATES ON THE BATTERIES OF THE RADIO SET
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has the job of seeing that his own sat and the electrical equipment in his house are not causing interference to his neigh-bors. You should also assume some re-sponsibility in the direction of locating troubles outside your house and reporting these troubles. If every listener would do this consistently and conscientiously, it can most definitely be said that the



The wonderful SUPERFLEX radio

NEW CIRCUIT—ONE DIAL (one condenser—pat. pndg.) Not reflex. Volume, Clarity, Distance, Selec-

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45 volts, \$5.95, 90 volts, \$10,00; 112% volts, \$12,50; 155 volts, \$14.75; 157% volts, \$18.80. Truly the biggest buy today. Realily changed on my current infulfilled 22-volt systems. Any special detector plate voltage had, Popular Realic laboratories, Core 3 years sold on a non-red tape 36-day trial offer with complete return if not throughly satisfied. Further guaranted 2 years. Knock-down kits at great savinas. Complete "Hawley" "5" battery charger, \$2.75. Sample cell, 35c. Order dreet callinger, Or write for my free literature, testimonals and guarantee. Samo Day shipments. B. Hawley Smith, \$17 Washington Arc., Dapbury, Conc.



The new Crosley 4-tube 4-29 delivers an extraordinary performance because it has the Crescendon volume control which is equivalent to one or more additional tubes of tuned radio frequency amplification . . . \$29 without accessories.

Prices slightly higher west of Rockies

THE CROSLEY RADIO CORPORATION, Cincinnati, Ohio

BETTER · COSTS LESS



interference in broadcast reception, aside from natural static, would promptly be reduced to an unnoticeable amount. The staff wishes, at this point, to give credit for much of the information contained in this chapter to E. P. Peck of the Utlea Gas and Electric company and M. B. Strock of the bureau of standards. All of the tests suggested have been carefully tried out both for ease of accomplishment by the unskilled and for value in eliminating trouble.

(Next week the series reaches the construction of trouble shooting apparatus and complete data and operating instructions will be included.—Editor's Note.)

A "RADEX" Tuning Chart Shows by dial numbers, wave length to which set is tuned. Tells where to place dials for any station. Identifies programs received without announcement.

Adopted to any set

Send 25c Coin or Stamps

RADEK, Box 143-S, CLEVELAND, O.

FOR CLEAR, QUIET "B" POWER



12 Colls Lasts Indefinitely—Pays for Itself 12 Gells Lasts Indefinitely—Pays for Itself zerome y and performance unhanded to briege. Reterred at a neutropitation of the control of the c



21 E. L. TYSON OF WWI Size 11x14 inches

Photogravures of Your Favorite Artists **GALLERY OF** RADIO STARS

By special arrangement, Radio Digest is able to offer its readers a great opportunity to secure fine photogravures of their favorite Radio stars at practically no cost. Below is only a partial list of the photogravures now included in the Gallery of Radio stars. Complete list in March 20 issue.

- 6 George Hay, 1924 Gold Onp announcer
 7 Harmony Girls, Edith Carpenter, Grace Ingram
 8 Ford and Glen, Lullaby Boys of WLS
 9 "Rooy" Rothard of WEAF clain fame
 10 The Mired Hand, Jamess "Substitute Announcer
 2 Bab Form. No. 2.
- of WBAP (2 Bob Emory, Big Brother of WEEI 13 "Bill" W. G. Hay, ex-KFKX, now of WL 14 Happiness Boys, jovial slugers of WEAF 15 Lambdin Kay, "Little Colonel" of WSB

COUPON NO. 15

This coupon entitles the holder to me phonoms satedard from the Radio Digest Gallery of Statio when accompanied by ten cents to pay the smalling and the property of the coupon of the phonoment of the coupon of th

Order by Number

RADIO DIGEST PUBLISHING CO. Chicago, Ill. 510 N. Dearborn St.

Radiophone Broadcasting Stations

Corrected Every Week-Part III

FIND MISTAKES AND YOU'LL GET DOLLAR

NE DOLLAR will be paid to the Radio fan reader of Radio Dingest submitting the most errors in any one station's listing in the Directory of Radiophone Stations, which appears in six parts, serially continuously on the next to last page. Letters must reach Radio Digest's office not later than one week from date of issue corrected. Readers are not limited to correcting one station, but such corrections must be verified by the stations themselves, and NOT by comparison to other so-called accurate Radio directories or lists. Verifications must accompany corrections. Turn in corrections for as many stations as you can find—if you can find errors! Use separate sheet of paper for each station submitted and place name and address on each sheet. In case of tie, duplicate awards will be made.

United States (Cont'd)

NOTE.—The third hast of the schedule list appears below. The fourth part which consists of the remainder of the list will appear next week. WDRC. New Haven. Conn. 307.7m-1126hz. 100 watts. Doublitts Radio Corp. Mon. Wed. Pri. 6:45-713 pag. mets. Alux. 3-9.55 pm. Wed. 3-9 pm. Sun, II un.

news, Mol. 5-9 ac pm. Wed, 5-9 pm. Sun, 11 m. Eastern.
WDWF, Providence, R. J. 446,9m-680bc 500 wattr. Datec W. Pfint, Inc. Shoran, 'Unaffer Plat,' San, 19-35 am, chimers of Shoran, 'Unaffer Plat,' San, 19-35 am, chimers of Shoran, 'Unaffer Plat,' San, 19-35, and 'Unaffer Plat,' San, 19-35, and 'Unaffer Plat,' San, 19-35, and 'Unaffer Plat, 'Unaffer

Tonner State State

6:00, 7:20 pm, 9:20, Dasten.

WENS, branston, Ill. 2025.6:m-1450kc. 10 watte. Robert E. Budter.

Mon. Stan. 1:60 kc. 500 pm. 500. 100 pm. 500. 11 am, 8:15 pm. Fri. 9 pm. 8:10. 100 pm. 500. 100 pm

WFEE, Seymour, Ind. 229, MIN-2008.

Announcer, John Van de Walte.

Van de Walte.

10, 27, 50m-12801c.

100 wate. The William Collection of the West.

101 Min 1145 ann. music 320 pm; 329, 323, 11338.

11338. Tues, Thurs, Fri, 11-15 pm. Tues, 7320 pm. Fri, Sal, 243 pm. Sun, 10-15 pm; 11-10, 47, 21, 11-15 pm. Tues, 730 pm. Fri, Sal, 243 pm. Sun, 10-15 pm; 11-10, 47, 21, 11-15 pm. Tues, 730 pm. WFER, Richmond Hill, N. Y. 272, 5m-1100kc. 540 water.

1130 mm. Alon, Tues, Fri, 12-7 pm. 50m, 5-8 pm. Eastern.

1130 mm. Alon, Tues, Fri, 12-7 pm. 50m, 5-8 pm. Eastern.

1131 228 pm. Mon, Sal, 11-25 feec. 100 water.

10:38. Tues, Thurs, Fri. 11:15 Jm. Tues, 7:30 pm. Fri. Sai. 9:35 pm. Sun. 10:25 aux 4 pai. 6, 7:30 pm. Fri. Sai. 9:15 pm. Sun. 10:25 aux 4 pai. 6, 7:30 pm. Fri. Sai. 9:15 pm. Sun. 10:25 aux 4 pm. 6, 7:30 pm. Fri. Sai. 9:15 pm. Sun. 10:30 pm. Sun.

Central.

WoRHS. Clearwater. Fin. 265.5m-1130kc. 200 waits. The Chamber of Cummercs. Announcer. Maler Talon. The Chamber of Cummercs. Pages 267, 11-25-1 and Eastern. State of Control of C

St. Cloud Daily Times. Slogan: "Grantic City of the World." Amouncer. Otto A. Rupp. Daily ex San. Wils. 635.49-500ke. 757 watts. Unit. of Notraska. 271. 11-100ke. 500 watts. Unit. of Notraska. 271. 12 m. Central. 12 m. Central. Unit. of Notraska. 271. 12 m. Central. WHAD. Milwaske. Wils. 275.1m-100ke. 500 watts. Unit. of Notraska. 271. 12 m. Central. WHAD. Milwaske. Wils. 275.1m-100ke. 500 watts. First Bassiga church. Amounner. St. John Poynoids. Central. St. What we will be supported by the strength of the support of the sup

WHAP, New York, N. Y. 239,3m-1250kc. 500 watts. William H. Taylor Phanes Corp. Accounter, Fraultin Food. Storat. The Scient for Europe Storate. The Scient for Fullic Service. Storate. The Scient for Fullic Service. Service Storate. The Scient for Fullic Service. Service Scient for Scientific Scie

Beardeley, Slogain; "Where Blastoite Blackhowk Zonghi," Mon, Yed, 79 pm, Sat, 24 pm, 7-3. Pm, 18 pm, 24 pm, 18 pm,

Heitson Electric containts, Inc. Janussiner, Maniere Clark, Slogan, "With Histon Elec Cu." Daily ex Sun, 52:30-6 put, willight program, 0:200-7 ordinestra. White, Cleveland, Ohio, 27:266-11000, 1000 tests, Radio Alv Service Corn., Winton Matel. Sharan, "Cieveland, the Convention City," Daily ex Sun, 10:100 una, review; 6:15-7:25, 7:16-8-20, Hilbs tecture; 8:30-19, must. Eastern. Sup. 10:100 una, review; 6:15-7:15, 7:16-8-20, Hilbs tecture; 8:30-19, must. Eastern. Whit, New York, Mr. Sup. 200-8-20a. 200 una, review; 6:15-7:15, 7:16-8-20, Hilbs tecture; 8:30-19, must. Eastern. Whit, New York, Mr. Sup. 200-8-20a. 200 una, review; 6:15-7:15, 7:16-8-20, Hilbs tecture; 8:30-19, 3:20-1

W18 R. Welrich, W. V. 245.Sm-1220kc. 50 walts. Tri-State Redio Co. Amostroer, W. D. Jonaton. Slogari. 1988. State Redio Co. Amostroer, W. D. Jonaton. Slogari. 1988. State Redio Co. Amostroer, W. D. Jonaton. Scient. 1988. Logical Control Wint. Wiley. Logical Wint. 221.11-150kc. 20 walts. The Ulertic Farm. W18 V. Logical Wint. 221.11-150kc. 20 walts. Dr. W18 V. Logical Wiley. Logical Wiley. Logical Control Wiley. Logical Wiley. Logical Wiley. Logical Control Wiley. Logical Wiley. Log

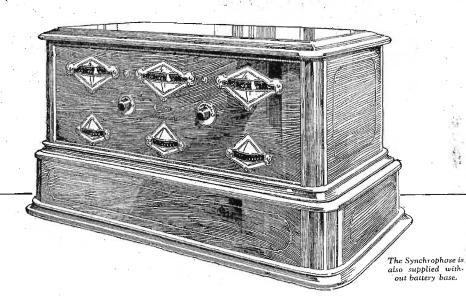


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"A perfect vase never came from a bad potter's wheel."

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Doctor My



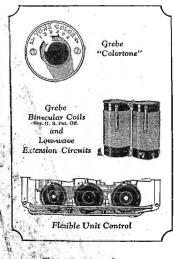
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The Grebe Synchrophase, built to satisfy the "fan", has quickly won first place in the opinion of the average radio user.

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