How to Fix Sets for Best Reception JISEST Radio Vol. XIX No. 6 FIRST JANUARY NUMB

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

## RADIO LEADERS GIVE **IDEAS ON RADIO LAW**

#### COORDINATINGCOMMITTEE MAKES OFFICIAL REPORT

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

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

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

2. The Radio law should contain a rec-

2. The Radio law should contain a rec-ognition of rights as between individual broadcasters as distinguished from the vested rights of the United States. 3. The right of priority of operation (meaning the allocation and use of wave

lengths) should be thoroughly defined, de-termining this right on (a) the length of time during which stations existing at the time the proposed Radio act becomes a law, have operated, (b) The character of service rendered by them, and (c) the re-quirements of their zones and communi-ties for Radio service.

#### Defend Rights of Discretion

4. The term of broadcast license should be for not less than five years, providing

be for not less than five years, providing that the licensee is operating his station regularly and properly.

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

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

Committee Represents Whole Industry The coordinating committee of the Radio industry represents all branches of the industry in the present fight for

adequate legislation.

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

#### Stations Must Waive Rights When Signing for Relicense

WASHINGTON, D. C .- Since the sign-President Coolidge, which passed at the last session of Congress, the Radio section of the department of commerce in renew-

ing old station licenses is making all applicants sign a waiver which is provided for in the law. The waiver follows:
"As required as a part of the application for station hereto attached, the applicant hereby waives any right or claim of right as against the United Statesta right, as agains. the United States, to any wave length, ex to the use of the ether in Radio transmission, because of previous license to use the same or because of the use thereof."

#### New Stations

New stations licensed by the depart-New stations licensed by the department of commerce last month include: WWPR, Detroit, Mich., 300m-999.4kc; KGDO, Dallas, Texas, 285m-1052kc; KXL, Portland, Ore., 400m-749.6kc; WLCI, Ithaca, N. Y., 266m-1127kc; WKBU, New Castle, Pa., 238m-1260kc; WEKD, Philadelphia, Pa., 249.9m-1200kc; KFQX, Seattle, Wash., 210m-1428kc; KVOS, Seattle, Wash., 333.1m-900kc; WLBH, Farmingdale, N. Y., 230m-1304kc; WMVM, Newark, N. J., 475.9m-630kc; KGCU, Mandan, N. D., 285m-1052kc; WABF, Pringleboro, ark, N. J., 446.5m-boske; KGCO, Manuan, N. D., 285m-1052ke; WABF, Pringleboro, Pa., 410.7m-730ke; WPEP, Waukegan, Ill., 212.6m-1410ke; KGDP, Pueblo, Colo., 260.7m-1150ke; KGEA, Seattle Wash., 345m-869ke; WRRS, Racine, Wis., 360m-829 & ke: WPAB Norfolk Va. 319m-940ke: 832.8kc; WPAB, Norfolk, Va., 319m-940kc; KGDR, San Antonio, Texas, 240m-1249kc; WWVA, Wheeling, W. Va., 348.6m-860kc; WLBI, East Wenona, Ill., 296.9m-1010kc.

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

The following stations changed wave lengths: WKBO from 309.1m-970kc to 303.9m-980kc; WCOA from 222.1m-1350kc to 252m-1190kc; WSAR from 254.1m-1180kc to 322m-930.1kc; WKBM from 215.7m-1390kc to 285.5m-1050kc; KFVD from 205.4m-1460kc to 208m-1441kc; WOAN

3 1 6 52

#### J. LOUIS GUYON



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

from 282.8m-1060kc to 356.4m-841.2kc; KGCL from 230.6m-1300kc to 220.6m 1260kc; WFCI from 299m-1109kc to 238m-1260kc; WFCI from 260.7m-1150kc to 263m-1140kc; KRLD from 357.1m-839.6kc to 353m-849.4kc; KSBA from 312.6m-959kc to 260.7m-1160kc.

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

### **VICTOR ON AIR AGAIN** STARTING EVE JAN. 1

MORE THAN SCORE OF STA-TIONS TO BROADCAST

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

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

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

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

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

#### FRONT COVER GIRL IS MAYBELLE CARSTENS

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

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

he had grown up with the tall corn in Iowa.

The best information I can get about Charlie Schultz and Lee Sims is that they

are doing some independent booking in vaudeville and there is a rumor that they are working toward Broadway. You are are working right about G. R.

SHORT WAVES

By Marcella Fred Jeske; "Chubby" Parker; Charlie Schultz and Lee Sims; Arthur F. Edes; "Uncle John" Daggett; Louis

John Johnen; WFAA Favorites; Edith Carpenter and Grace Ingram; Milton J. Cross; Stuart Dawson; O. D.

H thanks, awfully, and I wish the same to you. Yes indeedy, the love-liest sort of Christmas and truly

I'm fairly bursting with happiness. You can't imagine all the darling things I received and I'm dying to tell you all about them but my desk is heaped high with letters, still unanswered. The greatest

happiness Marcella can anticipate for the New Year is a yard or more of space in this semi-monthly compendium to print answers to all the interesting letters she receives

And may the good Lord bless my most intimate circle of regulars. I count Dee of

Canaan one of these and here's the best I can do for her. For Request No. 1 she would

hair and pearly teeth—
that smile is the most
captivatin's mile, too.
And Ben Pratt, the mischievous publicity director of WBBM,
Chicago, tells me that Fred simply knocks

'em dead everywhere he goes—and he goes when nights are silent at WBBM. Fur-

thermore Ben says the young gentleman

Swendsen of Pickardsville, N.

has no conjugal entanglements

like to see a t. n. of Fred Jeske. Here he is, Dee. He is a darlin' lookin' man with his dark, wavy

Temple; Harry Bailey.

Although I have not at this moment a letter inquiring about Mr. Arthur F. Edes, chief announcer and program director at WEEI, the publicity director sends me his picture and thought you



would like to see what a nice looking young chap he is. Like him? Hasn't he a boyish face? Never would suppose he was

experienced enough to announce the intricate tonguetwisting titles and names associated with the selections played by a symphony. But Arthur F. Edes is the boy who can do it and did do it for the Boston Symphony all last season.

Mrs. W. H. Walker at Willows, Cal., would like to know something about Uncle John Daggett at KHJ, Los Angeles. You

might still call him a blushing bride-groom and he has a most interesting history—too big and important to be conand important to be considered in a paragraph like this. When the Los Angeles Times opened up KHJ they looked over the editorial staff to find a man with sufficient knowledge and experience to understand how to amuse the



a man with sufficient knowledge and experience to understand how to amuse the little listeners. You know a newspaper man is supposed to be rather hard boiled but Uncle John found a true vent to a repressed complex and the children took to him like a true uncle. Well it looks as though the up-shot of it all was, Uncle John found the right lady to say "yes."

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

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

(Continued on page 4)

# CONTENTS

Radio Digest, Illustrated, Volume XIX. Number 6, published Chicago, Illinois, January 1, 1927. Published semi-monthly on the first and fifteenth of each month by Radio Digest Publishing Co. (Incorporated), 510 N. Dearborn Street, Chicago, Illinois. Subscription rates yearly, Three Dollars; oreign Fostage One Dollar additional; single copies Fifteen Cents. Entered as second class matter May 3, 2556 at the post office at Chicago, Illinois, under the Act of March 3, 1879. Title Reg. U. S. Patent Opminion of Canada. Copyright 1927 by Radio Digest Publishing Co. All rights reserved.

"Alf the News of Radio"
J. Louis Guyon Answers WGN: Shows Trouble Is in Faulty Sets
News Briefs of the Broadcasters; Woman's Program Index
hay and Kay Play New Way; Ford and Glenn at WLW: Fans Crown New Sport Appouncer
How to Fix Sets for Results, Part I, by "King Milo" Gurney "Goody Goody Girl" (Continued); The Latest in Radio Accessories
now to Build Bruno Regenatrol, Part III. Conclusion, by Joseph Calcaterra
Fourth Section of Whozit Pictures
Directory of Radiophone Broadcasting Stations, Part I, Alphabetical List of Calls and Data1
Editorials; Indi-Gest; Condensed by Dielectric
Advance Programs for the Larger Stations, January 1-1416 to 20

# Looking Ahead

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

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

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

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

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YOU WANT IT!

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Publisher Radio Digest, 510 N. Dearborn St., Chicago, Illinois. Please find enclosed check M. O. for Three Dollars (Four, Foreign) for One Year's Subscription to Radio Digest, Illustrated. Name .....

# **GUYON PROVES SETS ARE FAULTY**

## **INTERFERENCE VERY** OFTEN LONG AERIAL

WGES OWNER PAYS ENGI-NEERS TO REMEDY EVILS

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

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

now occupies.

WGN, which occupies a wave length of 202 meters, forty kilocycles removed from WGES, originally obtained an injunction in court to restrain J. Louis Guyon, proprietor of WGES, from broadcasting on the 315.6-meter wave. Judge Francis Wilson later modified the injunction to permit WGES to broadcast on any wave

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

1. Shorten your aerial to thirty feet, including lead-in.
2. Change the position of your receiver. Try it in various parts of the room.

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

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

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

length that does not materially interfere with WGN. At this Mr. Guyon returned WGES to its 315.6-meter and resumed broadcasting. After some weeks WGN obtained from Judge Wilson an order on J. Louis Guyon to show cause why he was not in contempt of court, the claim of WGN's managers being that WGES was causing interference again.

Guyon Engineers Fix Faulty Sets
When WGES made its return to the air, J. Louis Guyon made a series of addresses from WGES asking the Radio public to

from WGES asking the Radio public to support him in his fight for the freedom of the air and asking those persons whose faulty sets caused interference between WGN and WGES, to give him an oppor-tunity to send Radio Engineers to their

homes to correct the mechanical errors.

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

Fight Beneficial to Public

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

ers to a fuller enjoyment of Radio.

Guyon Asks Fair Test of Sets

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

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

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

The Guyon engineers were interviewed.

These men, who have been doing a great work in improving Chicago Radio instal-lations so that their owners may separate such stations as WGN and WGES, re-

#### **EUNICE HOEFFER, WBBM ORGANIST**



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

Hints to Improve Reception

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

for selectivity, the long for distance.

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

ondary of the transformer across the 23-plate condenser, and then hook one end of the small coil or primary to the antenna binding post of the receiver. The other end of the small coil is hooked to the antenna lead-in. It always works.

"For a super-heterodyne, the wave trap's small coil or primary is put in (Continued on page 28)

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

How to Make \$1.25 Wave Trap

How to Make \$1.25 Wave Trap
"Finally, we assemble a wave trap from
the cheapest parts obtainable for \$1.25;
\$1.00 for the 23-plate variable condenser
and 25c for the radio frequency transformer. We connect the large coil or secondary of the transformer across the 23late condenser and then hook one end of

### WHOZIT SCHEDULE JANUARY 1-15

Eastern	Central	Mountain	Pacific	Eastern	Central	Mountain	Pacific
12 n.	11	10	9	9:30 p.m.	8:30	7:30	6:30
WHT (399 WMAK (2	0.8) Daily e: 265.6) Daily.	kcept Sundays	•	CKY (384. WHB (365	4) Monday 5.6) Tuesda	, Wednesday. y, Thursday.	
6:50 p.m.	5:50	4:50	3:50	10	9	8	7
WOW (52	6)Daily. 6	5	4		2.6) Monda 5.9) Monda	ys, Wednesda y.	ys.
WOC (483		•	•	10:15	9:15	8:15	7:15
7:15	<b>6:15</b> 265.6) Daily.	5:15	4:15	KOA (322.4 WMCA (3	4) Friday. 40.7) Thurs	đays.	
7:30	6:30		4:30	10:30	9:30	8:30	7:30
	2.6) Fridays	5:30	4:30		9.7) Thursd		
		s, Saturday.		11	10	9	8
7:50		5:50	4:50		30.2) Daily.		
WJAX (33	36.9) Daily	except Thursd	ays.		4.8) Daily.		
8	7	6	5		2.6) Tuesda	ys. kcept Monday	
KVOO (37	4.8) Daily e	xcept Sundays	3.			except Friday.	
		x Sun., Mon.				Off air tempo	
		esday, Sunday		11:30	10:30	9:30	8:30
8:30		6:30	5:30	KJR (384.4		2.00	0.00
,	.8) January		F 45	WMAK (2	265.6) Tueso	lay.	
	7:45 5.6) Mon., V	6:45	5:45	12 m.		10	9
9		7	6		.8) Daily e: 9) Saturda	xcept Monday y.	•
		y, Saturday.		12:05 a.m.	11:05	10:05	9:05
MHT (29	(6.9) Daily	except Friday ept Mondays.	•	WHK (272	2.6) Saturda	ıys.	
W I.R. (516.	<ol><li>Monday.</li></ol>	Wednesday.		1	12	11	10
WPG (299	.8) January	7 and 14. Ved., Fri., Sat				Thurs., Sat.	
				WHB (365	.6) Sunday. 12:15	11:15	10:15
9:15 WNAC (4	8:15 31) \Vednes	7:15 lays.	6:15	KFWB (2		*****	10.13

### WHOZITEERS WORLD **OVER REPORTS SHOW**

ENGLAND AND ORMISTON ENTHUSED ABOUT IT

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

(Whozits on Pages 10, 12 and 13)

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

folks are playing the game of Whozit. It has even become identified with the lead-

ing news dispatches.

When Charles Blake, reporter for the Chicago Herald and Examiner, discovered and apprehended the elusive Mr. Ormiston and began to question the latter concern-

#### RADIO CLUBS NOTICE! SEND US YOUR NAMES

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

Each club sending in this information in due course will receive a mim-

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

ing his companion in the cottage at Car-mel-by-the-Sea he answered with "wise cracks" quoted as follows in the Los Angeles Evening Herald:

Q. Were you alone when you left Oakland?

A. That sounds like a new jazz tune by

Irving Berlin.
Q. If "Miss X" was not Mrs. McPherson

who was it?

A. Are you referring to the new Radio

A. Are you referring to the new Radio Whozit game?
Q. Where is Miss X now?
A. Between W and Y and always was.
Q. Have you heard from her recently?
A. What do you mean by recently? How long is a piece of string?

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

#### Still Opportunity to Begin

From Seattle to Jacksonville and from

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

For those who have not yet joined the game there is still an opportunity. Order the back copies and begin now. One thousand dollars will be awarded by Radio Digest to the winners at each of the twenty-four broadcasting stations. There will be two grand prizes of \$1,000 each for the ones who have the highest score of all twenty-four stations. The rules of the game and full information as to conditions appear on page 15 of this issue of Radio Digest. Schedule appears at left. The rules state specifically that all assembled Whozit pictures are to be held until the close of the series. This fact is emphasized here because quite a number of Whozit pictures are to be and

emphasized here because quite a number of Whozit pictures have been sent in and are, of course, incomplete.

#### Don't Drop Out; Stick to It!

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

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

## WABC REPLACES OLD GREBE ETHER CALL

POWEL CROSLEY, JR., GIVES FANS XMAS PRESENT

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

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

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

In common with many other high class

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

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

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

East vs. West Game on Four Stations PASADENA, Calif.—Radio listeners in the West are to have the opportunity New East vs. West Game on Four Stations
PASADENA, Calif.—Radio listeners in
the West are to have the opportunity New
Year's day of hearing a play-by-play word
description of the annual East vs. West
football game held each year in the Rose
Bowl at Pasadena. The two teams are
"Pop" Warner's Cardinals of Stanford
University, undisputed champions of the
Pacific Coast, and the "Crimson Tide" of

#### HAPPY AL CARNEY IS **FAVORITE ORGANIST**



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

the University of Alabama, three times winners of the Southern Conference. These two represent the West and East in the annual grid battle.

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

#### SHORT WAVES . By Marcella

(Continued from Page 2)

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

It begins to seem like home at KYW with the Harmony Girls, Edith Carpenter and Grace Ingram, back on the regular programs. These two little ladies are probably better known

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

Nan Corbett of Frederickton, New Brunswick, Mrs. F. E. Upton, Chesham, N. H.; Karl Aichner, Wallace, Mich. and at least half a dozen others have been

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

KJR operates on a wave length of 384.4 meters.

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

Frederick Bates, the bureau observer,

writing for information about Milton J. Cross of WJZ. Says Mr. Glover of WJZ. Sezze, "I thought Mr. Cross had been on the air so long that everybody knew all of his affairs. For your special benefit, here is his description: He weighs 200 pounds, is over six feet tall; married and has a child, a little girl about two years old. He has brown hair and blue eyes and is one of those jovial gentlemen who do not have a care in the world."

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

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

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

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

What deep secret would you like to reported that this record is more than two and one-half times the greatest recorded distance for crystal set operation. In the condess that th

#### WOMAN'S PROGRAM INDEX (Daily Unless Indicated)

# Eastern Central Mountain Pacific 9:30 a.m. 8:30 7:30 6:30 WWJ (352.7m-850kc), Tonight's dinner. WWJ (352.7m-850kc), Tonight's dinner. 10 9 WIP (508.2in-590kc), Menu, Tues, Thurs, Sat. WMCA (340.7m-880kc), Homemakers' club, Tues. 10:15 9:15 8:15 7:15 KDKA (309.8m-970kc), Homemakers' chats, Tues, Fri. 10:30 9:30 8:30 KVOO (374.8m-800kc), Mothers' hour. WTAG (545.1m-550kc). WTAG (545.1m-550kc). 10:40 9:40 8:40 7:40 WFI (394.5m-760kc), Betty Crocker, Mon, Wed, Fri, 10:45 9:45 8:45 KDKA (309.1m-970kc), Betty Crocker, Mon, Wed, Fri; WEEI (348.6m-860kc), Mon, Wed, Fri; WTAM (389.4m-770kc), Mon, Wed, Fri; WBCN (266m-1130kc), Home service program. 10:55 9:55 8:55 7:55 KSAC (340.7m-880kc), Housewives half hour.

Household Economics, Women's Hour, Etc.

KŠAČ (340.7m.880kc), Housewives hall hour,

11 10 8 8

WICC (285m-1050kc), Polly Porter,
WOI (270.1m-1110kc), Homemakers' hour, Tues,
Thurs, Fri.

WSB (428.3m-700kc), Homemakers hour,
11:10 10:10 9:10 8:10

WEAO (293.9m-1020kc), Homemakers' hour,
11:15 9:15 8:15

WCAE (461.3m-650kc), Women at home,
11:35 10:35 9:35

KYW (535.4m-560kc), Table talk,
11:45 10:45 9:45 8:45 KYW (535,4m-560kc), Table talk.

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

WCCO (491,4m-720kc), WDAF (365,6m-820kc),

Retry Crocker, Mon, Wed, Fri.

WNYC (526m-570ke), Home economics, Wed.

12.1 19

WEBH (370.2m-810kc), Prudence Penny.

WOJ (447.5m-670kc), Home economics.

12:15 p.m. 11:15

KMOX (280.2m-1070kc), Cooking, household hints, KMUX (280.2m-1070kc), Cooking, household hints.
12:30

WGN (302.8m-990kc), Home management period.
12:40

WTAG (545.1m-550kc), Lydia Flanders, Fri.
12:45

WNYC (526m-570kc), Recipes.
12:85

KSAC (340.7m-880kc), Household helps.
WSOE (245.8m-1220kc), Ladies' hour, Mon.
1:30

1:30

1:30

1:35

NXX (336.9m-890kc), Household economics.
1:45

KPO (428.3m-700kc), Betty Crocker, Mon, Wed, Fri.

Eastern Central Mountain Pacific 12:05 p.m. 1:05 K1R (384.4m-780kc). Prudence Penny. 2:10 11:10 12:10 11:10 KO (361.2m-830kc). Prudence Penny. 2:15 11:5 12:15 11:15 K12:15 I1:15 K12:15 K12:15 I1:15 K12:15 K12: Fri. WSOSE (246m-1220kc), Cooking chats, Mon. Wed, WSOSE (246m-1220kc), Cooking chats, Mon. Wiley (508.2m-590kc), Market hints for house-wives, menus, Mon, Tues, Fri. WIZ (454.3m-660kc), Your daily menu. 3:15 2:15 UHO (526m-570kc), Recipes, household hints, Tues. Tues,
3:30 2:30 1:30 12:30
WHK (272.6in-1100kc), Housekeeper's chat.
3:45 2:45 1:45 12:45
KFNF (461.3m·650kc), Ladies' hour, Mon, Tues,
Thurs, Fri. Thurs, Fri,

4 3 2 1
W1P (508.2m-590kc), Market hints for house-wives, Tues,
WOC (483.6m-620kc), Aunt Jane,
W0J (447.5m-670kc), Home economics,
4:30 3:30 1:30
KMOX (280.2m-1070kc), Housewives' hour,
WEAF (491.5m-610kc), WEEI, WLIT, WRC,
Dennisoncraft, Tues,
WLS (344.6m-870kc), Housewives' hour,
5 4 3 2 Mon. WMAQ (447.5m-670kc), Mothers in council. Wed.
6:30
5:30
KOA (322.4m-930kc), Question box, culinary hints, Tues, Thurs, Fri.
WLW (422.3m-710kc), Cooking school, Wed.
7
KGO (361.2m-830kc), Hints for housekeepers, Wed.
8:30
7:30
KUOA (299.8m-1000kc)
6:30
7:30
KUOA (299.8m-1000kc)
6:30
7:30
KOB (348.6m-860kc), Housekeepers' chat, Mon.

"Aunt Sammy"

Central Mountain Pacific Eastern 10 a.m. 9 WGBS (315.6m-950kc) Mon.

	,		
Eastern	Central	Mountain	Pacific
10:30 a.m. WCSH (277		8:30 WHO (526m-	7:30 570kg)
WMC (499.	7m-600kc), 1	8:50 Mon, Thurs.	
		9	8
WEAU (293	.9m-1020kc).	10	9
	3,8m-1230kc).		ъ,
	m-1170kc) V		
1 p.m.	12	11	10
KWWG (27		, Mon, Wed,	
1:10 KPO (428.3)	12:10	11:10	10:10
1:15	12:15	11:15	10:15
	3m-660kc).	11.15	10.15
1:30	12:30	11:30	10:30
	.2m-1070kc).		
1: <b>45</b> WDAF (365	12:45	11:45	10:45
2 (303	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12	11
KOĪL (305.9		12	
3	2	1	12
		SL · (299,8m-10	
3:30 WHK (272,6	2:30	1:30	12:30
4 (272,0	3 3 3 m	2	1
WOC (483.6		-	•
5	4	3	2
WOS (440.9	m-680kc).		_
6 Kryr (240	0m 1200kg)	Tues, Thurs,	T7+:
WDBO (239	.9m-1250kc).	ines, inuis,	1.11.
8:30	7:30	6:30	5:30
KFDY (299.	8m-1000ke),	Wed, Thurs.	

#### Women's Clubs

Eastern Central Mountain Pacific 11 a.m. 10 9 8 8 WOI (270m-1110kc), Federated Women's club. Wed. Wed. (270in-1108c), Jeneslated Wed. 11:30 10:30 9:30 8:30 WNAC (430.1m-697kc), Women's club, 12 n. 11 10 9 WIIT (399.8in-750kc), Women's club, 4 3 2 1 WGN (302.8in-990kc), Woman's club, 4:05 3:05 1:05 WCCO (416.4m-720kc), Minnesota Federation of Women's clubs, 5:15 4:15 3:15 2:15 WMAQ (447.5m-670kc), Illinois Federation of Women's clubs, Thurs.

#### Fashions and Sewing

 Eastern
 Central
 Mountain
 Pacific

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

 WQJ (447.5m-670kc)
 Style talk.
 11:35
 11:35

 KPO (428.3m-700kc)
 Fashion critic,
 Fri.

	Central		
2 p.m. WGBS (3	1 15.6m-950kc),	12 Excella	11 dressmaking
lessons. 2:20	1:20	12:20	11:20
	m-660kc). W		ıs.
	m-680kc), Fa	ncy work,	_
KOA (322.	5: <b>45</b> 4m-930kc), 1	Pashion re	view, Tues,
Thurs, Fr 7:55	n. 6:55 Sm-1000kc), F	5:55	4:55
	3m-1000kc), F 7:45		
	5.4m-720kc),		

#### Health and Beauty

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

#### Child Care; Training

Central Mountain Pacific 10:55 a.m. 9:55 8:55 7:55 KSAC (340.7m-880kc), Jan. 7, 14, child training, Bernice Fleming. ing, Bernice Flening.

11 10 9 8

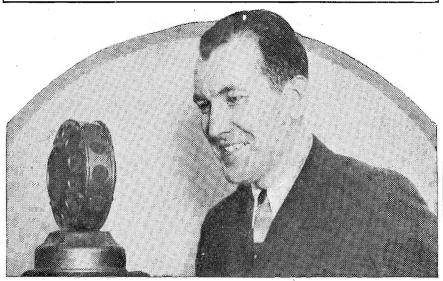
WOI (270.1m-1110kc), "Some New Methods of Child Training," Dr. Lovissa Wagoner, Fri. 5:15 4:15 3:15 2:15

KOA (322.4m-930kc), Jan, A "Diet and Health."

#### Interior Decorating

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

#### MAKES HIT ANNOUNCING SLUGFEST



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

#### FANS CROWN NEW SPORT ANNOUNCER

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

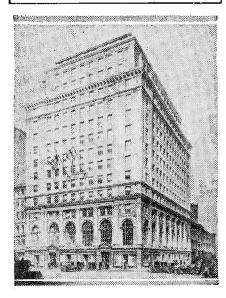
By Gene Rouse

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

Something also happened in Radioland.

Back of the microphone of WEBH and WJJD, America's twin stations, sat Warren Brown, sports editor of the Chicago Herald and Examiner. Through the pre-liminaries and through the main event Mr.

#### Ether Scraper



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

tional Broadcasting company.

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

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

Brown kept up a running fire of droll comment and vivid description.

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

Tan's Land Announcing

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

"Appealing wit of Mr. Brown and his

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

"Brown is as good as Will Rogers over the radio."—Mr. and Mrs. Edward Sundin, Moline, Ill.
Thus did Radioland acclaim the new meteor and crowned him king of sport an-

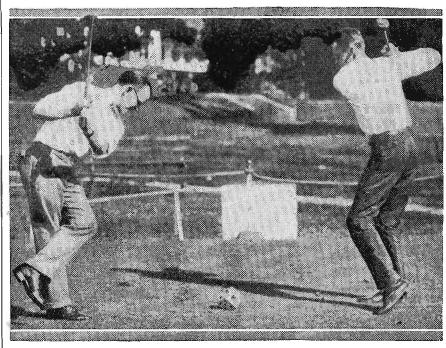
nouncers. Letters on the broadcast have arrived from all over the United States and Canada and not a few, nor the major-

ity, but every one mentioned the excel-lency of the announcer.

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

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

#### HAY AND KAY INTRODUCE NEW WAY



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

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

Said Lambdin Kay to Old Judge Hay, "T'll shoot you dice today." "Nay, nay," said Hay to Lambdin Kay, "But a game of golf I'll play."

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

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

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

And so you see that dull thud you And so you see that dull thud you thought you heard was not the collapse of the grand piano. The boys simply had hoisted their golf hammers over their brawny backs and knocked the block off

RIENDS of the Radio reading audi- | from its five and two spots. African golf and Bobby Jones golf were only incidents in the big birthday celebration the Solemn Old Judge gave in honor of WSM at Nashville when and where this picture was taken. Trips to the "Hills" it is said were very popular.

very popular.

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

#### MAN BEHIND BALKITE HOUR IS MR. TROXEL

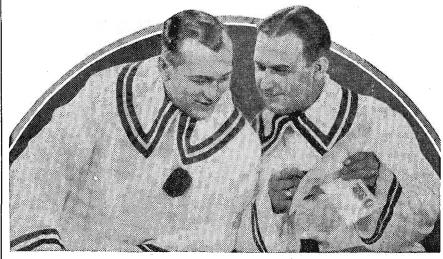


J. M. Troxel

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

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

#### LOCATE FORD AND GLENN AT WLW



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

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

"Gee whillikers! There is too! You

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

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

Well sir, lo and behold and sure enough if wasn't Ford and Glenn! And here they are in a new picture just as they look in their new Woodshed show and for the Lullaby Hour at WLW, Cincinnati. What glad?

do you know about that! They picked up their toys and their safety pins and their Noah's Ark and scampered right out of Chicago all the way down to Cincinnati.

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

# Mass Production

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

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



Cone Table

# —and a light socket operated Neutrodyne at \$150

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

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

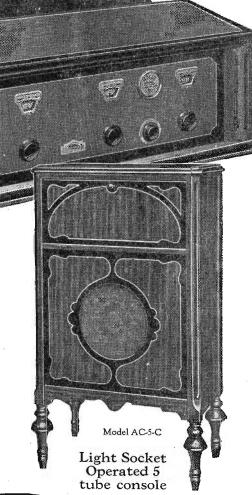




#### 30 MFD DUOTYPE

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

Mershon Electric Condenser 15 mfds capacity each half. 30 mfds total capac-ity. Type D-15-30. Maximum rating 300 volts D. C. If punctured can be repaired and



AMRAD CORPORATION Medford Hillside, Mass. Harold J. Power, Pres.

Write Dept. 3A7 for Catalog.

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

# How to Fix Sets for Results

By "KING MILO" GURNEY Part I.

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

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

such an unkind act.

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

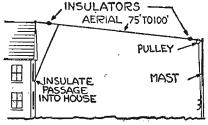
Altogether too many purchasers of receivers gain the impression that the instruction hooklet which comes with the

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

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

How to Brect Antenna

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



anchored to the antenna's supporting

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

Lead-In and Ground

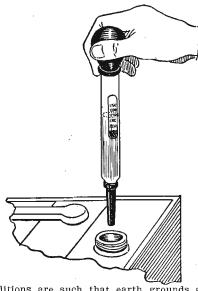
The "lead-in" is the wire that extends from one's antenna to the receiving set. In each instance it should be of the same size wire as the aerial. It also should be copper wire and insulated.

Do not preflect to make a soldered con-

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

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

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



ditions are such that earth grounds are not feasible, it is then advisable to attach the ground wire with a good ground clamp

the ground wire with a good ground clamp to a cold water pipe. Attach to a radiator or hot water pipe as a last resort.

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

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

A Word About Batteries

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

"B" and "C."

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

The "C" battery is only supplied in that form known to the trade as dry cell types, and its duty is that of supplying a "negative bias to the grids of the tubes," or perhaps a somewhat less technical term or explanation would be to say that a "C"

or explanation would be to say that a "C" battery is used to counteract the tendency of the grid becoming positive, which to the layman is no doubt just as poor an ex-planation of the function of a "C" bat-tery. And now, Brother, you know the



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

definition of A, B and C batteries, or else

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

Storage "A" Batteries

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

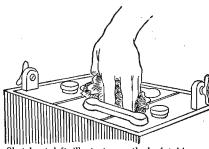
Their voltage should never exceed six

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

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

Use of "Hydrometer" may be purchased for the property of the pro

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



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

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

crosses the numerals.

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

A fully charged storage battery should

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

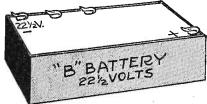
oration. It is important that the water level not be allowed to drop below the plates of the battery, and it is very much better practice if this level is kept slightly (one quarter inch) above the plates. In adding water to a storage cell always use "distilled water." No, sir, tap or well water will not do! ter will not do!

ter will not do!

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

battery to a responsible service station.

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



typical 22½-volt 'block' of B battery, he 45-volt block is larger, Most B blocks are made nowadays to stand vertically.

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

"B" Batteries

"B" batteries as before noted are required for supplying the plate voltage to the vacuum tubes and are offered the purchaser in both wet and dry types. Of the

the vacuum tubes and are offered the purchaser in both wet and dry types. Of the two, the dry cell type is the more popular, hence it will be discussed. While this battery supplies direct current to the plates it differs from the direct current furnished by an A battery in the following respect: It is designed to furnish a very small current (amperes) output with a high voltage (volts) supply 1225, but it is imperative that once the gravity reaches 1180, one has no alternative other than to recharge.

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

Care of "A" Battery

As the A battery is used there will be a gradual lowering of its water or solution level. This is caused primarily by evap-



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# GOODY GOODY GIRL

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

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

#### CHAPTER XII

A Proposition

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

Lois was directed down a hallway to

McManus' office and the manager himself opened the door and eyed her curiously. "What do you want?" He demanded.

It was plain he did not recognize her. She recalled her identity to him. The

effect was surprising. He smothered an exclamation, drew her quickly into the office, waved her to a chair and said excitedly through a half-opened door to someone in an inner room: "The Sylvesgirl's found her way here. Can you

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

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

# By MERLIN MOORE JAYLOR

RUNNERS BATTLE POLICE; TWO ARE SLAIN, FIVE WOUNDED." A smaller line, also emblazoned across the page, read: "Girl decoy, Nabbed for Speeding, Escapes Village Cell."

I didn't know even that you are a—a—"

"I don't mind being called what I am. The thing now is to keep you from being arrested. In the end probably no thing the state of the probably no thing are set of the proposition of the probably no thing the state of the probably no thing the probably nothing the probably nothing

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

Lois lifted hurt, questioning eyes to

Jermin's face.

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

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

The thing now is to keep you from being arrested. In the end probably nothing would come of it, but meanwhile... Mil-

would come of it, but meanwhile... Mildred phoned me today that you'd skipped out, that she didn't expect you back..."
"She's right. I'm through with all her kind forever. I'm on my own from this time on"

"Spunky, that, but what are you going

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

VICTOR JERMIN shook his head.
"That's out," he said emphatically.
"It would be courting arrest. Someone would recognize you as having been around with me a great deal lately, you'd be identified as the girl pinched by that hick motorcycle cop and you'd find your-self in a police station in no time." "But I haven't done anything."

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

'The chief said perhaps now you'd deal

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

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

Lois got up and followed him. "Don't

let this thing worry you, little girl," he said, closing the door. "It will come out all right.'

"But what can I do meanwhile?" she

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

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

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

'Don't beat about the bush." "I won't. Brace yourself. You can't ng. You haven't a voice."

I—haven't—a—voice?" "No. Will you grant that I should know? Mildred's told you that once I was — She has? Then, believe me when I say — She has? Then, believe me when I say your dreams of a career as a singer, an artist, never will come true. I'll grant that you have a sweet voice, that you could go on indefinitely making a living with it once you were started, but you have no great talent, no more than hundreds of other girls——"

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

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

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

Jermin drew himself up stiffly. "Some

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

ARRY you?" This was a bigger

ARRY you?" This was a bigger blow than that other—the dashing of her dreams of a career. "You're asking me to marry you?"
"Yes." Jermin spoke gravely. "I know this has taken you off your feet. I'm not asking you to decide now. Think it over. Go and have someone else give you an honest opinion on your yoice—"

honest opinion on your voice—"
"I think you're splendid," she cried;
'but—I'm afraid I'm going to hurt you,

Mr. Jermin."
"I didn't falter when it was my turn. I

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

"Love may come. I'll be good to you—"
She shook her head. "It's no use, I'm
afraid," she said. "What I want to say, and find it hard to say, is that your busithis bootlegging-

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

"I'm in this business because others pay me to be in it. Why, even you, standing  $% \left( 1\right) =\left( 1\right) ^{2}$ (Continued on page 29)

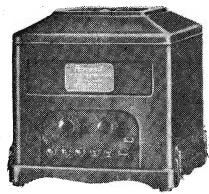
#### THE LATEST IN RADIO ACCESSORIES

#### Farrand B Eliminator

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

The name, heavy duty.

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



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

#### Time-Lite Radio Control Clock

OMETHING brand new in the line of Radio accessories is the Time-Lite, shown herewith, a Radio control clock

fied times. All you need do is set it, similar to the method you would an alarm clock. The new device automatically turns off the set should you forget, thus saving tubes and power supply. Day or night, Time-Lite is on guard and brings in the contract how the set for in the program you have it set for



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

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

#### Permits Using Two Speakers

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



tire tone range.

Set owners who have tried the combination of a good cone and a good horn type speaker, or two horn type speakers with different characteristics, report a marked improvement in tone. The home experimenter frequently has difficulty in matching the two speakers used, however. This difficulty can be corrected with the new "Haven't you seen the morning papers?"
"No; was there something——?"
Jermin snatched up a crumpled newspaper from a table and thrust it into her hands. "Read that," he commanded, and pointed to screaming headlines: "RUM

"Shown herewith, a Radio control clock that starts and stops your receiving set automatically. With it connected in the battery switch circuit of one's receiver, to each speaker so as to control their tone volume entirely independent of each other, or by connecting a single plug to the your set without attention at any speci-louder speaker of the two.

# How to Build Bruno Regenatrol

HE first step in mounting the parts HE first step in mounting the parts is to fasten the subpanel to the subpanel supports of the adjustable brackets. Then mount the adjustable portions of the brackets on the subpanel support members and place this assembly into the sloping front cabinet. It is then an easy matter to adjust the angle of the bracket to the angle of the are flush with the panel guide of the cab-inet. You can then tighten the two por-tions of the bracket and check up again to see that the fightening operation did not move the adjustment.

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

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

gram, figure 1. with

How to Place Receiver with

The layout shown in the pictorial diagram is that shown in figure 4, but with
the panel tilted back so

as to show the instru-ments and terminals more clearly. In wiring the receiver you will find it easiest to place the receiver on your table in the position shown in figure 4 and follow the connections as shown in figure 5.

ure 5.

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

Similarly the "front" of the subpanel will reof the subpanel will re-fer to the edge of the subpanel nearest the front panel and the "rear" of the subpanel will refer to the edge nearest the back of the

nearest the back of the cabinet.

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

Now mount coils "T2" and "T3" on the

condenser unit as shown in figure 5. In this position coil "T3" will be at the left side of the condenser unit with the tickler coil towards the bottom of the panel while coil "T2" will be at the right hand side with the primary coil towards the top of the panel as shown in figure 5. Coil "T2" should be mounted with the brackets so

snould be mounted with the makets so as to set back from the front panel to al-low clearance for the Radiohm. Next mount the Radiohm on the panel. Mount the light switch. Then mount the condenser and coil unit, fastening the unit condenser and coil unit, lastening the unit and front plate on the panel with the screws provided. The shaft member of coil "T3" will project through the hole provided in the panel. Now mount the knobs on the shafts of the Radiohm and tickler coil and the front panel is all ready for mounting to the brackets and for wining.

Subpanel Assembly

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

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

Then mount tip jacks for the voltmeter Then mount tip Jacks for the voltmeter as shown on either side of socket "V2." Now mount sockets "V1"; "V2"; "V3"; "V4" and "V5" with their terminals in the positions shown in figure 5. Be sure the

ART III: Detailed Directions for wire of the Multiplug should be connected with the 90-volt terminal of the B battery. When a CX-112 type of tube is used you may employ as high as 150 volts on the last stage, but care should be taken to make sure that the loud speaker windings will stand the heavy current flow Wire Receiver Without Making Mistakes; Suggesangle of the bracket to the angle of the cabinet slope by placing the adjustable panel support edges of the brackets against the slope front of the cabinet until both top and bottom ends of the bracket By IOSEPH CALCATERRA

#### By JOSEPH CALCATERRA

#### Wiring Directions

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

location of the terminals is correct or your wiring will be wrong.

Now mount the Multiplug with the locating pin towards the left as shown in figure 5 so that the color terminals will be reminals will be terminals of transformer "T1" and connect them in turn with the "Ant" binding your wiring will be wrong.

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

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

Wiring Directions

going from the Amperite terminals.

Now connect together the "F" terminals of transformer "T1" and connect them in turn with the "Gnd" binding post. Connect the "F" terminal of transformer "T1" and the "Gnd" binding post. Connect the "F" terminal of transformer "T5" with the "Brown" terminal of the Multiplug.

Wiring Directions

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

Now wire together, the yollow terminal of the Multiplug; the "B" terminal of transformer "T4"; one terminal of contransformer "T4"; one terminal of contral delivers able condensers. Oscillations of the variable condensers.

will stand the heavy current flow.

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

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

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

#### Tuning Instructions

lation and regeneration control for efficiency and volume control is obtained by means of the Radiohm and tickler coil knobs.

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

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

densers on end.

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

This rheostat should be set full on when first tuning the set but can then be adjusted as low aspossible consistent with good results and left at that setting for the rest of the evening.

Adjustment of this rheostat will keep the tubes operating at the point indicated by

the voltmeter.

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

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

Figure 5 VC2 T 2 VC1 T3 <u>|C5</u> 0\_ 0 0 **⊒⊚**6 T1@F **◎V1** 🍎 🕽 G A2 .**©V3**◎76 **52** R1 T5 0 C2 C6 GND BLUE: B+90~

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

main to be made.

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

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

gram of figure 5 does not run to the + terminal of each socket. The polarity of the socket does not matter, so follow the wiring scheme shown in order to simplify connections.

Now connect the Amperite terminals to Now connect the Amperite terminals to the various points shown in figure 5, marking each connection as you go along. Connections can be made to either end of the double hole terminals. You will find connections simplified by taking advan-tage of the simple wiring to either ter-minal as shown. Be sure to get every

denser "C6" and one terminal of condendenser "C6" and one terminal of condenser "C4" (.0005 mfd.) as shown. Now wire the connection shown between one of the lamp switch (L) terminals and the "A" battery lead from the "Red" terminal of the Multiplug.

Now wire the connection shown between one of the light switch terminals and the "Green" terminal of the Multiplug.
Next run a wire connecting the "Pink"

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

"C7."

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

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

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

#### Battery Connections

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

The voltages used for the B batteries are indicated with the exception of the last stage. When a regular 301A type of tube is used in the last stage, the Pink

#### FIX SET FOR RESULTS

(Continued from page 7)

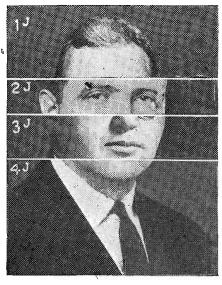
They do not require recharging, and with the exception of one special make, so far as the writer can learn, they cannot be

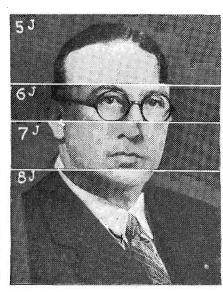
B batteries should, with normal use, last from six months to a year. There are a great many instances where they have been used for periods much in excess of the time mentioned, yet the average life will be between six months and a

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

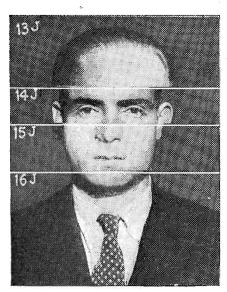
(Continued on page 30)

# \$26,000.00 IN PRIZES FOR SOLVING "WHOZITS"









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







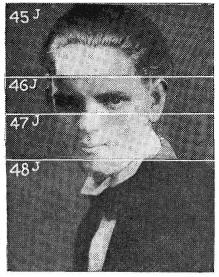


The following artists are in above panel: Jane Winton, KFWB; Peggy Mathews, KFWB; Emma Worth Johnson, KVOO; Dorothy Heywood Reedy, KVOO.





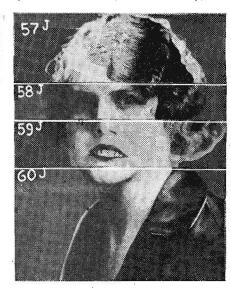




The following artists are in above panel: Billy Day, WMCA; John Hopkins, III., WJAX; Walter Keeley, KOA; Walton McKinney, KJR.









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

# Radiophone Broadcasting Stations

# Corrected Every Issue-Part I-Jan. 1, 1927

AT9, Fort Bragg, N. C. 434.5m-690kc. 750 watts. U. S. Government, Amouncer, Lieut, Iames Y. LeGette, Slogan, "The Pioneer Broadcasting Sta-tion of the Army." Tues, Thurs, Sat, 8-9:35 pm, dance music, talks, bands, fights. Sun, 8-9:35 pm,

Levette, Siogan, The Proneer Broadcasting Station of the Army." Tues, Thurs, Sat. 8-9:55 pm, dance music, talks, bands, fights. Sun, 8-9:55 pm, service. Eastern.

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

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

KDYL. Salt Lake City. Heb. 245 m; 1220bc. 100 wetter.

Ratio Elec. Co. Announcer, Haroid Serumuard. Daily ex Sun. 12:10 pm. weather; 6:15, markets. Mon. 9:30-11:30 pm. Sun, 11 am., church. 4:30-6. Central.

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

KFAB, Lincoln, Nebr. 340,7m-880kc. 1,000 watts. Nebraska Buick Auto Co. Announcer, Gayle Grubb. Daily ex Sun. 9:30-9:55 aw weather reports; 3-4 pm. Mon, Tues, Wed, Fri. 10-30-11 am. home economics. 1:15-1:30 pm. fails; 3:30-4 pm. 5:30-6:30, 8:05-8:30, college of ag:00-10-10 am. pm. 5:30-6:30 pm. 8:30-10, 12-2 am. Sun, 4-5 pm; 9-11. Ceutral.

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

KFAF, San Jose, Calli. 217.3m-1380kc. 50 watts. Allred Fowler.

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

KFBB, Hayre, Mont. 275.1m-1090kc. 50 watts. F. A. Buttrey Co. Announcer, E. A. Baer. Daily ex Sun, 12-45 pm, music, markets, weather, reports. Wed, 7:30-9 pm. Mountain. KFBC, San Diego. Calli. 330-780kc. 100 watts. Sacramento Bee, Mon, Thurs, 9-10 pm. Sun, 9-10 am. Bible lesson, serion. Section watts. Sacramento Calli. 330-780kc. 100 watts. Sacramento See, Mon, Tains, 9-10 pm. Pacific. KFBL, Everett, Wash. 223,7m-1340kc. 100 watts. Lesse Bros. Daily, 7:30-8:30 pm. Mountain. KFBC, Sar Diego. Calli. 330-780kc. 100 watts. Sacramento See, Mon, Thurs, 9-10 pm. Pacific. KFBL, Everett, Wash. 223,7m-1340kc. 100 watts. Sacramento See, Mon, Thurs, 9-10 pm. Pacific. KFBL, Everett, Wash. 223,7m-1340kc. 100 watts. Sacramento See, Mon, Thurs, 9-10 pm. Mountain. KFBU, Laramie, Myo. 374.8m-800kc, 1500 watts. Sa

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

wards.

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

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

KFDD, Boise, Idano.

Michael's Episcopal Cathedral. Announcer, Rev. Paul Roberts, Sun, 11:15-12:30 pm; 7:30-9:15.

Mountain.

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

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

KFDY, Brookings, S. D. 299.8m-1000kc. 500 watts. Announcer, Ted Schultz. Daily ex Thurs, 12:15 pm, 7:30. Central.

KFDZ, Minneapolis, Minn. 230.6m-1300ks. 10 watts. Central.

KFDZ, Minneapolis, Minn. 230.6m-1300ks. 10 watts. Central.

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

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

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

KFEQ, When J. Mebr. 267.7m-1120kc. 2.500 watts. J. J. Scroggin. Announcer, G. G. Scroggin. Daily ex Sun. 3 pm. orchestra; 8:30-10. Sun. 4:30-6 pm; Sun. 4:30-6 pm; Sun. 4:30-6 pm; Sun. 4:30-6 pm; Sun. 8 pm. 4:30-6 pm; Sun. 11 am, 7:30-pm. Sun. 11 am, 7:30-pm. Pacific.

KFFP, Moberly, Mo. 241.8m-1240kc. 50 watts. First Baptist Church. Announcer, Granville Ray Boots. Slogan, "The Gospel Messenger of the Air. Thurs, 7:30-pm. Sun, 9:45 am, 11, 7:30-pm. Central. KFGQ, Boone, Iowa. 225.4m-1330kc. 10 watts. Crary Hardware Co. KFH, Wichita, Kan. 267.7m-1120kc. 500 watts. Hotel Lassen. Announcer, J. L. Fox. Daily ex Sun, 9:11 am. 1-2 pm. Mon. Wed. Fri, Sat, 7-8 pm. Sun, 7-1 mm. Mon. Wed. Fri, Sat, 7-8 pm. Sun, 7-1 mm. Sun, 7-1 mm. Sun, 7-1 mm. Mon. Wed. Fri, Sat, 7-8 pm. Sun, 7-1 mm. Sun, 7-1 mm. Mon. Wed. Fri, Sat, 7-8 pm. Sun, 7-1 mm. Sun, 7-1 mm. Mon. Wed. Fri, Sat, 7-8 pm. Sun, 7-1 mm. Sun, 7-1 mm. Mon. Wed. Fri, Sat, 7-8 pm. Sun, 7-1 mm. Sun, 7-1 mm. Mon. Wed. Sun, 7-1 mm. Sun, 7-1 mm. Sun, 7-1 mm. Mon. Wed. Sun, 7-1 mm. Sun, 7-1 m

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

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

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

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

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

Am. 7:30 pm. Pacific.

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

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

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

ex Sun, 10 am, markets, Tues, Fri, 8:30 pm. Central.

KFJF, Oklahoma City, Okla. 260,7m-1150kc. 500
watts. National Radio Mig. Co. Announcer, Tired
Hand, Slogan, "Radio Headquarters of Oklahoma
City—The City of Opportunity." Daily ex Sun, 9
am, market service; 9:15, exercises; 10, markets;
12:30, markets; 6:15, markets; 6:30, dinner hour
music; 7, bulletins; 9, musicale. Mon, 7:20 pm.
Tues, 12:40 pm. Wed, 8 pm. Thurs, 7:20 pm.
Sun, 10 am, Bible class; 11, services; 7:30, First
Baptist church; 9:30, lecture. First Sunday of each
month, 2:30 pm, Shrine band. Central.

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

University of Kansas. Mon, Thurs, 12:30-1:30 pm. Central.

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

KFKZ, Kirksville, Mo. 25:4-m-1330kc. 75 watts. State Teachers College: Announcer, F. M. Henry. Mon, 8-10 pm, Sun, 3:30-4:30 pm, Central.

KFLV, Rockford, Ill. 228.9m-1310kc. 100 watts. San Benito Radio club. Announcer, R. W. Thacker. Slogan, "Heart of the Magic Valley," Mon, Thurs, Sat, 8:30-10 pm, concert. Sat, 8:30 pm, Sunday school lesson. Central.

KFLV, Rockford, Ill. 228.9m-1310kc. 100 watts. Thurs, 10-12 n. Central.

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

KFJR, Portland, Ore. 263m-1140kc, 100 watts, Ashley C. Dixon & Son. Announcer, Ashley C. Dixon, Sr. Mon, 7:30-8:45 pm, Tues, 7:15-8:15 pm; 9:15-1045. Wed, 7:30-8:30 pm. Thurs, 7:30-8:30 pm; 9-10:30. Sat, 1:30-3 pm. Pacific.

KFJY, Fort Dodge, Iowa, 245-8m-1220kc, 100 watts, St. Louis, Mo. 280.m-1070kc, 5000 watts, St. 1:30-3 pm. Pacific.

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

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

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

KFKK, Hastings, Nebr. 288.3m-1040kc, 5000 watts. University of Kansas, Mon, Thurs, 12:30-1:30 pm. Central, KFKX, Hastings, Nebr. 288.3m-1040kc, 5000 watts. Westinghouse Elec, & Mig. Co. Announcer, Hobb R. Turner, Slogans, "The Empress of the Air," "The Pinneer Re-Broadcasting Nation of the KFZ, Hollywood, Calif. 225.4m-1330kc, 500 watts. Westinghouse Elec, & Mig. Co. Announcer, B. Craney, Daview Symous Investment Co. Announcer, E. B. Craney, Daview Symous Investment Co. Announcer, B. Craney, Daview Symous Investment Co. Announcer, E. B. Craney, Daview Symous Investment Co. Announcer, B. E. Craney, Daview Symous Investment Co. Announcer, B. E. Craney, Daview Symous Investment Co. Announcer, B. Craney, Daview Symous Investment Co. Announcer, B. Craney, Da

KFWB, Hollywood, Calif. 252m-1190kc. 500 watts. Warner Brothers. Announcer. Charlie Wellman. Daily ex Sun, 6-7 pm. Mon, Tues, Wed, 5-6 pm. Mon, Tues, Wed, 5-1 pm. Thurs, Fri, Sat, 6-11 pm. Sun, 9-11 pm. Pacific. Thurs, Fri, Sat, 6-11 pm. Sun, 9-11 pm. Pacific. Thurs, Fri, Sat, 6-11 pm. Sun, 9-11 pm. Pacific. Charlie 291.1m-1030kc. 50 Watts. L. E. Wall. Announcer, Cecil Ward. Daily ex Sun, 2-4 pm. Pacific. KFWF, St. Louis, Mo. 214.2m-1400kc. 500 watts. St. Louis Truth Center. Slogan, "The Voice of Truth." Announcer, Rev. Charles H. Hartmann. Sun, Thurs, 10-45 am, 7-45 pm. 9. Central. KFWH, Eureka, Calif. 254.1m-1180kc. 100 watts. F. Wellington Morse. Jr. Slogan, "Kind Friends We're Here." Daily ex Sun, 10-30-11:30 am, 6-15-6-530 pm, news, music. Mon, Wed, Fri, 8-10 pm, 12-1:30 am; Sun, 9:30 am, Pacific. KFWI, San Francisco, Calif., 249.9m-1200kc. 500 watts. Radio Entertainments, Incorp. Announcer. Tom Catton, Mon, Fri, 1-2 pm, 6-7:30, 8-1 am. Tues, Wed, Thurs, 1-2 pm, 6-7:30, 8-12. Sat, 8-12 mid. Sun, 1-4 pm, 8-12. KFWM, Oakland, Calif. 325.9m-920kc. 500 watts. Oakland Educational Society. Announcer, George A. Flick, Mon, Tues, Thurs, Sat, 8-10 pm. Tues, Wed, Fri, 2-3 pm. Sun, 9:30-10 am, 10-11. Pacific. KFWO, Avalon, Calif. 211.1m-1420kc. 250 watts. Major Lawrence Mott-Signal Corp. Slogan, "Katalina for Wonderful Outings." Daily, 12:30-1:30 pm, 7:30-9. Tues, Fri, Sun, 5-6 pm. Pacific.
KFWV, Portland, Ore. 212.6m-1410kc. 100 watts. Louisiana College. KFWV. Portland, Ore. 212.6m-1410kc. 100 watts. KFWV Broadcast Studio. Announcer, Curtis Phillips. Daily ex Sun, 10 am, 6-7 pm, 8-10, 10-11. Pacific. KFXD, Logan, Utah. 205.4m-1460kc. 10 watts. Service Radio Co. KFXF, Colorado Springs, Colo. 249.9m-1200kc. 500 watts. Pikes Peak Broadcasting, Company. Announcer, W. D. Pyle. Slogan, "Rim of World Station." Daily ex Sun, 5-6 pm. Sun, Tues, Fri. Sat, 8 pm. Mon, Thurs, 9 pm. Sun, 11 am. Mountain. What Shadon, "The Voice of the Rio Grande." Mon Wed

Sat 8 pm. Mon, Thurs, 9 pm. Sun, 11 am. Mountain.

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

KFXJ, Colorado, 215.7m-1390kc. 10 watts. Mountain.

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

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

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

KFYF, Oxnard, Calit. 214.2m-1400kc. 10 watts. Carl's Constant Calit. 214.2m-1400kc. 10 watts. Carl's Padio Den. Announcer, Carl Newcomb. Slogan, "The Baby Super Station." Daily ex Sun, 5-6 pm, weather, crops, news, music. Pacific. KFYJ. Houston, Texas. 238m-1260kc. 10 watts. Houston Chronicle Pub. Co. KFYO, Texarkana, Texas, 351m-854kc. 15 watts. Buchaman-Vaughan Co. Announcer, W. H. Mathews, Jr. Daily ex Sun, 12-1 pm, 6-7. Sun, 11 am. Central.

Advision Chronice Pub. Co.

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

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

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

KGBS, Seattle, Wash. 227m-1320kc. 100 watts.
Cutler's Radio Broadcasting Service, Inc. Amouncer.
Arthur C. Dailey, Mon, 8:30-9:30 nm. Bud, 7-8
pm. 9-12 Fri, 7:30-8:30 pm. Sat, 9:10 pm. Pacific,
KGBU, Ketchikan, Alaska, 228.9m-1310kc. Alaska
Radio & Service Co.
KGBX, St. Service Co.
KGBX, St. Service Co.
KGBX, St. Service Co.
KGBX, St. Service Co.
Alester Halborn, Mo. 347.8m-862kc. 30 watts.
FOSTER Halborn, Tucs, Fri, 8-10 pm. Central.
KGBZ, York, Nebr. 333.1m-900kc. 100 watts, Announcer, Dr.
Ceorge R. Miller, Slogan, "Keep
Your Hogs and Poultry Healthy," Mon, Wed,
Fri, 7:30-9:30 pm. Thurs, Sat, 9-12 mid. Sun,
11-12n, Central.

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

KGCB, Oklahoma City, Okla, 331m-905.8kc. 50 watts.
Moore Motor Co. Wed, 9-10 pm. Sat, 10-11 pm.
Sun, 2:30-3:30 pm. Central.

KGCG, Newark, Ark. 239-9m-1250kc. 100 watts
Moore Motor Co. Wed, 9-10 pm. Sat, 10-11 pm.
Sun, 2:30-3:30 pm. Central.

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

KGCH, Wayne, Nebr. 434m-690kc, 500 watts.
KGCI, Seatle, Wash, 238m-1260kc. 10 watts
Searcy M. Rhodes.

KGCN, Concordia, Kan, 210m-1428kc, 50 watts.
Alva E. Smith, S. D. 252m-1190kc, Cutler's
Radio Broadcasting Service, Inc.

KGCN, Mandan, N. D. 285m-1052kc, Mandan Radio

Vida, Announcer, E. E. Krebsbach, Daily ex

Assn. KGCX, Vida, Mont. 240m-1249kc. First State Bank of Vida. Announcer, E. E. Krebsbach. Daily ex Sun, 12:30 pm, markets, news. Sun, 2 pm, Pacific. KGDA, Dell Rapids, S. D. 254.1m-1180kc. Home Auto Co. KGDE, Barrett, Minn. 232.4m-1290kc. Jaren Drug

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

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

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

Koping,

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

Garrett. KGDP, Pueblo, Colo, 260.7m-1150kc. Boy Scouts of America. KGDR, San Antonio, Tex. 240m-1249kc. Radio

KGDP, Pueblo, Colo. 260.7m-1150kc. Boy Scouts of America. KGDR, San Antonio, Tex. 240m-1249kc. Radio Engineers. KGEA, Seattle, Wash. 345m-869kc. Puget Sound Radio Broadcasting Co. KGO, Oakland, Calif. 361.2m-830kc. 5000 watts. Gen. Elec. Co. Announcer. Howard I. Milholland. 11:30 am, luncheon concert. Daily ex Sat, Sun, 1:30 pm, concert orchestra. Mon, Tues, Wed, Tri, 6-7 pm, music. Mon, Tues, Wed, Thurs, 8-10 pm, concert orchestra. Mon, Tues, Wed, Fri, 6-7 pm, music. Mon, Tues, Wed, Thurs, 8-10 pm, 5:30-6 pm, Children's half hour. Mon, Tues, Wed, Thurs, Fri, 6:55 pm, stocks. markets, weather, news, Thurs, 5-6 pm, boys' hour. Fri, 5-5:30 pm, girls' half hour. Sun, 11-12 m, 7:30 pm, church services. Pacific. KGRS, Amarillo, Texas, 234m-1280kc. 100 watts. Gish Radio Service. Calif. 206.8m-1450kc. 50 watts. Gish Radio Service. Calif. 206.8m-1450kc. 50 watts. Gish Tidings Temple and Bible Institute. Daily ex Sun, 12:15 pm, Wed, Thurs, 2:30-3:30 pm. Tues, Wed, Fri, 8-10 pm. Sun, 2:30-3:30 pm. Tues, Wed, Fri, 8-10 pm. Sun, 2:30-3:30 pm. Tues, Wed, Fri, 8-10 pm. Sun, 2:30-3:30 pm. Tues, KGU, Honolulu, Hawaii. 270 lm.1110kc. 500 watts.

Glad Tidings Temple and Bible Institute. Daily ex Sun, 12:15 pm. Wed, Thurs, 2:30-3:30 pm. Tues, Wed, Fri, 8-10 pm. Sun, 2:30-3:30 pm. 3-5, 8-10. Facific Honolubu, Hawaii. 270 1m-1110kc. 500 watts. Marion A. Mulrony, The Honolubu Advertiser. Annurer. Raymond A. Tilford. Sun, Mon. Tues, Thurs, Fri, 12-1 pm; 7:30-9, 157½ meridian. 2½ hours earlier than Pacific. GW, Portland, Ore, 491.5m-610kc. 1.000 watts. Oregonian Publishing Co. Announcer, Dick Haller. Slogan, "KGW, Keep Growing Wiser." Daily ex Sun, 10-11:30 am; 6-7. Daily ex Sat, Sun, 7:30-8. Sun, 10-11:30 am; 6-7. Daily ex Sat, Sun, 7:30-8. mm. Thes, Fri, 2-3:30 pm. Mon, Tues, Thurs, 8-12 mid. Wed, 8-10 pm. Fri, 8-10:30, 10:30-12, Sat, 8-12 mid. Sun, 10:30-12 noon, 7:30-10 pm. Pacific. KGY, Lacey, Wash, 277.6m-1080kc. 50 watts, St. Martins College. Announcer, Sebastian Ruth. Slogan, "Out Where the Cedars Meet the Sea." Sun, Tues, Thurs, 8:30-9:30 pm. Pacific.

(To Be Continued)

### **CHALLENGE!**

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

accompany corrections.

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

and mistakes are made. But Radio Digest is so sure of the exactness of this directory that this challenge is made unconditionally.

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

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

Swedish Evangelical Mission Church. Announcer, A. T. Frykman. Fri, 8:30 pm. Sun, 12:30 pm, service for shut-ins (Swedish); 9:30, service (English).

T. Frykman. Fri, 8:30 pm. Sun, 12:30 pm, service for shut-ins (Swedish); 9:30, service (English). Central.

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

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

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

KFNF, Shenandoah, Iowa. 461.3m-650kc. 1000 watts. Henry Field Seed Co. Announcer, Henry Field, Slogan, "Friendly Station in a Friendly Town." Daily ex Sun, 7-8 am, 10-11, 12:30-2 pm; 2:45-4, rocking chair time; 7-9 pm. Sun, 10:45 am, 2:30 pm, 5-4, services; 6:30-7:30, Golden Rule; 7:30-8:30, church services; 6:30-7:30, Golden Rule; 7:30-8:30, church service. Central.

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

s:15 pm, studio music. Iues, Sat, 10-11:30 pm, orchestra: Fri, 10:30-12 mid, Hoot Owls, KGW. Central.

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

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

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

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

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

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

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

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

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

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

KFPM, Greenville, Texas. 241.8m-1240kc. 10 watts.
The New Furniture Co. Announcer, Dave Ablowich, Ir. Slogan, "The New Furniture Co., the Home of GOOR Turniture". Located at Greenville, Texas, where two Find "The Blackest Land, the Whitest People." Daily ex Sun, 1 pm, music. Tues, Wed, Fri, 8 pm, Sun, 11 am, sorvices; 7:30 pm, irregularly. Central, Company, Compa

KFRW, Olympia, Wash. 218.8m-1370kc. 50 watts. Western Broadcasting Co. KFSD, San Diego, Calif. 245.8m-1220kc. 1000 watts. Airian Radio Corp. Daily ex Sun, Sat, 6:15-11 pm. Sat, 6:30-11 pm. Sun, 3-4 pm, 6:15-10. Pacific. KFSG, Los Angeles, Calif. 275.1m-1090kc. 500 watts. Angeles Temple. Tues. Thurs, Fri, 10:30-12:30 pm; 2:30-3:30. Sat, 3:30-4:30 pm. Tues, 6:30-7:30 pm. Wed, 2:30-4:30 pm; 6:30-7:30. Thurs, Fri, Sat, 7:30-11 pm. Sun, 10:30-12:30 pm, 2:30-4:30, 7-9:30, 10-11. Mon, silent. Pacific. KFUL, Galveston. Texas. 258.5m-1160kc. 50 watts. Thomas Groggan & Bros. KFUM, Colorado Springs, Colo. 239.9m-1250kc. 100 watts. Corley Mountain Highway, Announcer, Frank Gilles. Mon, Thurs, Fri, 8-9:30 pm. Mountain.

watts. Corley Mountain.

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

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

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

KFUS, Oakland, Calif. 256.3m-1170kc. 50 watts. The Gospel Radio. Slogan, "The City of Opportunity." KFUT, Salt Låke City. Utah. 263m-1140kc. 100 watts. University of Utah.

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

KFVU, Venice, Calif. 208m-1441kc. 250 watts. W. J. & C. I. McWhinnie. Announcer, Leo T. Cleary, Daily ex Sun, 9-10 am; 5-7 pm, 8-12. Wed, Thurs, Fri, 4-5 pm. Sat, 12 mid, Pacific. KFVE, University City, Mo. 239, 9m-1250kc. 5000 watts. Benson Broadcasting Corp. Announcer, Howard H. Waters. Daily ex Sun, 6-12 mid. Central.

Howard H. Waters. Daily ex Sun, 6-12 mid. Central.

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

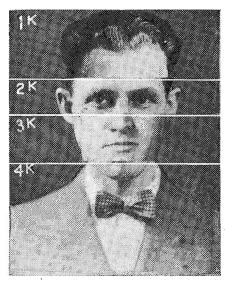
KFVI, Houston, Texas. 239.9m-1250kc. 250 watts. KFVI Broadcasting Company. Announcer, Ted Hills. Daily, 8-9.30 am; 7-10.30 pm. Central.

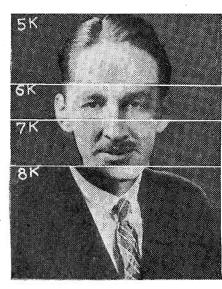
KFVN, Fairmont, Minn. 227m-1320kc. 50 watts. Carl E. Bagley. Slogan, "The Voice of Martin County." Mon. Wed, Fri. 9 pm. Sun, 3 pm. Central.

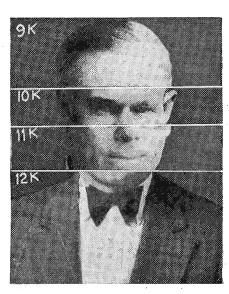
KFVR, Denver, Colo. 243.8m-1230kc. 50 watts. Olinger Corp. Broadcasting.

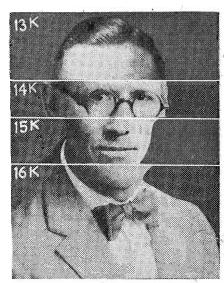
KFVS, Cape Girardeau. Mo. 223.7m-1340kc. 50 watts. Hirsch Battery & Radio Co. Announcer, W. W. Watkins. Slogan, "The City of Opportunity." Daily ex Sun, 12:15 pm, news, markets. Mon. Thurs, 7:30 pm. Sun, 11 am, 7 pm, church. Central. KFVY, Albuquerque, N. M. 249.9m-1200 kc., 100 watts. Radio Supply Co. Announcer, J. F. Walsh. Slogan, "Center of the Sunshine State." Daily ex Sun, 5:30-6:30 pm, dinner concert; baseball. Tues, Fri, 8-9:30 pm, dance music. Mountain.

# BEGIN THE NEW YEAR RIGHT BY PLAYING WHOZIT

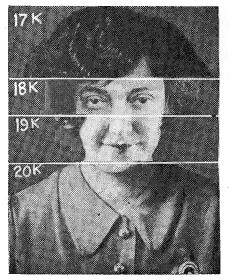






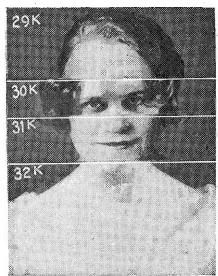


The following artists are in above panel: Don Hunt, KMOX; Albert Newquist, WOW; John Dowd, WSM; John D. Norton, WHT.

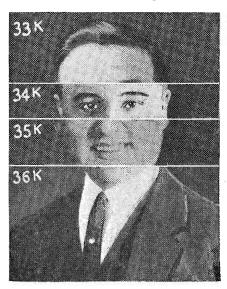




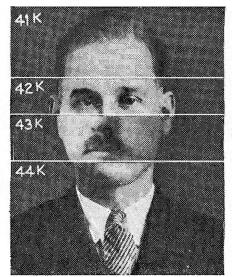


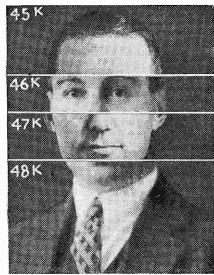


The following artists are in above panel: Wilma Melotz, WOW; Mrs. Daisy Hoffman, WSM; Jean Sargent, WHT; Helen Moore, KMOX.



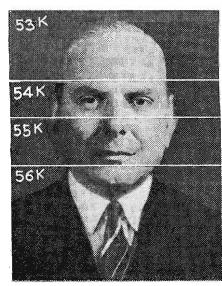


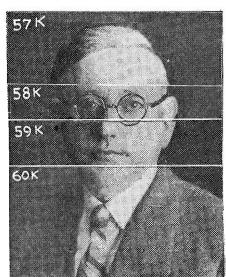


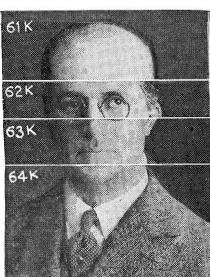


The following artists are in above panel: Leo Fitzpatrick, WJR; Eddie Peterson, WJR; Henry Haines, KTHS; F. Leslie Body, KTHS.





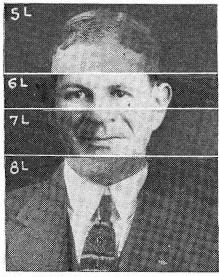




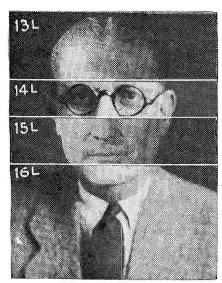
The following artists are in above panel: Lewis A. Vantine, WSOE; Michael Swedish, WSOE; Dr. Bertram Fenimore, WPG; Howard Clemons, WPG.

# FIND POPULAR ARTISTS IN THE PICTURES BELOW

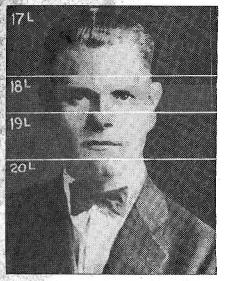


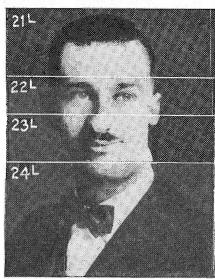


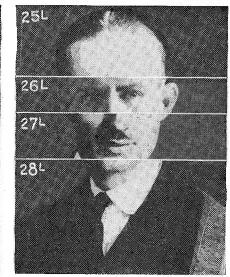


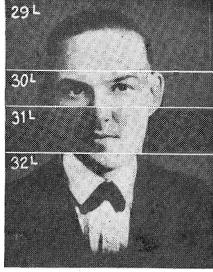


The following artists are in above panel: Sam Lazerov, WMC; Emmett Harris, WMC; Paul Estabrook, WOOD; Fred Gleason, WOOD.

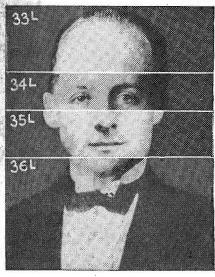




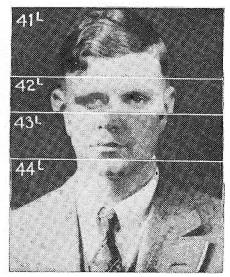


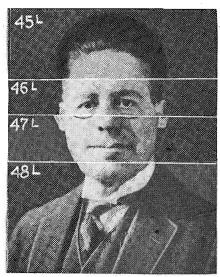


The following artists are in above panel: Carol Burdick, WLW; Cyril Buschle, WLW; A. L. ("Al") Stone, WHB; Art Spratt, WHB.









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









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

# Radio Digest

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

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

E. C. RAYNER, Publisher

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

Member of the Audit Bureau of Circulations 241

PUBLISHED SEMI-MONTHLY

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

Vol. XIX

January 1, 1927

No. 6

#### Our Forecast and Review

JANUARY first always brings to our mind the taking of inventory of our past year's work and looking ahead at what the New Year promises. As far as Radio is concerned, despite the numerous complaints of chaos and the lack of Radio control legislation the ground of 1995 has brought about many. lation, the year of 1926 has brought about many striking developments, both on the technical side and the program presentation division of broadcasting.

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

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

Enough for the technical developments of broadcasting. In the program division we may "point with pride" to scores of unusual accomplishments, each better than the one preceding. powers of 50,000 watts, and nearly half a dozen more

pride" to scores of unusual accomplishments, each better than the one preceding. Chains have increased in size and are serving larger areas. Their programs have pleased many listeners previously out of range of the closest chain member. Chain programs have improved, thanks to the goodwill broadcast advertising appropriations made by representative business houses whose aim is to please the six million set own-

ers of this country.

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

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

many cases.
We forecast that the Radio legislation problem will be settled before the present short session of Congress

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

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

Yes, 1926 has made Radio history, and 1927 will

#### New Idea in Political Radio

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

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

Boy, page the national committeemen.

#### RADIO INDI-GEST

#### Music

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

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

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

RHEA SHELDON.

#### A Broadcast for Troy, N. Y.

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

JUST KOSATKA.

the London station, a famous artist said because the fee offered was 2LO. I asked the B. B. C. how much they offered him, but they said that was a B. B. C.-cret!

LONDON BOBBY

#### The End of a Perfect(ly) Rotten Day

The End of a Perfect(ly) Rotten Date When you are late to dinner and you feel all in, And you've lost your key and can't get in. And you have to wait and push the bell, And the wife lets you in and raises—well, Because you brought beans when she said rice And the iceman forgot to leave the ice, And you learn that your dog killed the neighbors' cat And the baby tore up your Sunday hat And you sit down to eat and the dinner's cold, And your wife looks tired and you feel old And she wants to go to see a show, And you don't and you say no.

Then she gets mad and goes to bed, And you turn on the Radio and the battery's dead, And you hone for new ones and they send them out, And you hook them up with wires stout, And you hook them up with wires stout, And you hook them do burn out every tube And this, of course, calls for a drink of Rye, But you go to the cupboard and the bottle's dry. Then you pull the hair from your old bald head, And you get awful mad and go to bed. Listen to me—I want to say—

It's just the end of a Rotten Day.

OLD KING

OLD KING TUTT. Hiz-zelf.

#### Alaska Papers, Please Copy

Alaska Papers, Please Copy

Camp 50, DeQuincy, La.

December 25, 1926.

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

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

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

GEORGE.

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

#### Radio Pickups

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

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

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

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

ARTHUR C. STOWELL.

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

#### Happy New Year



#### Condensed BY DIELECTRIC

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

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

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

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

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

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

Dear Indi: Asked why he refused to broadcast from

#### AN EVENING AT HOME WITH THE LISTENER IN IN CENTRAL TIME

<u> </u>					CLIVII					
Call	Location	Met.	Kc.	Saturday	Sunday	Monday	Tuesday	Wed.	Thursday	Friday
CFCA CFCN CJCA	Toronto Calgary Edmonton.	356.9 356.9 434.5	840 690 580	Silent 11:00- 1:00 10:00-12:00	6:00- 7:00 Silent 8:30- 9:30 1:45- 4:45	Silent Silent 8:30-10:30	Silent Silent 8:30- 9:00 6:15-10:30	10:00-11:00 Silent 7:00- 9:00	Silent 9:00-10:00 10:00-12:00	Silent Silent 9:00-12:00
CJCA CKAC CKCL CKNC	Montreal Toronto Toronto Winnipeg	410.7 356.9	730 840 840 780	6:15-11:00 6:00- 7:00 8:00- 9:00 7:30-10:30	2:00- 3:55 Silent 6:00- 9:00	Silent Silent 7:00- 8:00 7:30-11:00	5:45-10:30 5:45-11:00 Silent Silent	Silent Silent Silent 8:00-10:00	7:30- 8:30 11:00-12:00 Silent 7:30- 9:00	Silent Silent Silent Silent
CNRO CYL CYJ CZE	Ottawa Mexico City. Mexico City.	434.5 480 400	690 625 750	6:30-11:30 Silent 9:00-10:00	Silent 9:24-10:54 Silent	Silent Silent 9:00-10:00	Silent 9:24-10:54 9:00-10:00	6:30-11:30 Silent 9:00-10:00	Silent Silent 9:00-10-00	Silent 9:24-10:54 9:00-10:00
KDKA	Mexico City. Pittsburgh	350	970	8:24- 9:24 5:15- 8:55 5:30-10:30	Silent 5:30-10:15	8:24- 9:24 5 15- 8:55	8.24- 9:24 5:15-11:35 5:30-10:30	8:24- 9:24 5.15- 8:55 5:30-10:30	8 24- 9:24 5:15-11:00	8 24- 9:24 5:15- 8:55
KFAB KFDM KFH	Lincoln Beaumont Wichita	315.6 267.7	950 1120	7:30- 8:30	9:00-10:30 8:00- 9:00 7:00- 8:00	5:30-10:30 Sitent -7.30- 8:30	8:00-10:00 7:30- 8:30	Silent 7:30- 8:30	Silent Silent 7:30 8.30	5:30-10:30 8:00-10:00 7:30- 8:30
KFI KFJF KFKX KFNF	Los Angeles. Okla, City Hastings Shenandoah	260.7 288.3	1040	8:00- 4:00 7:15-10:30 Silent 7:00-12:00	9:00- 1:00 1:30- 9:00 Silent 7:00-12:00	9:00~ 1:00 7:15~ 9:45 5:15-10:00 7:00- 9:00	9:00- 1:00 Sitent 5:15- 6.15 7:00- 9.00	9:00- 1:00 7:15- 9:45 5:15- 6:15 7:00-12:00	8:30- 1:00 7:15- 9:45 5:15-10:00 7:00- 8:00	9:00- 1:00 7:15- 9:25 5:15-10:00 7:00- 8:00
KFOA KFON	Seattle Long Beach.	454.3 232.4	660 1290	11:30- 1:00 8:00- 2:00	Silent 8:00- 2:00	9:00-12:00 8:00- 1:00	8:00- 1:00 8:00- 2:00	9:00-12:00 8:00- 1:00	Silent 8:00- 1:00	8:00- 1:00 8:00- 2:00
KFQB KFSD KFUO	Fort Worth. San Diego St. Louis	245.8 545.1	590 1220 550	8:30- 9:30 6:00-12:00 7:45- 8:45	3:00- 8:30 2:00- 9:00 9:15-10:15	8:30- 9:30 6:00- 9:00 8:00- 9:00	8.30- 9.50 6:00- 9:00 6:30- 7.30 8:30- 1:00	Silent 5:00- 9:00 9:15-10:15	8:30- 9:30 6:00- 9:00 Silent	8:30- 9:30 6:00- 9:00 9:30-10:30
KFWB KFWI KGO KGW	Hollywood San Fran Oakland	249.9 361.2	1190 1200 830	8:30- 1:00 Silent 11:00- 3:00 8:00- 2:00	8:30-12:00	8:30- 1:00 10:00- 2:00 8:00-11:00	8:00-11:00	8:30- 1:00 10:00- 3:00 8:00-12:00	8:30- 1:00 12:00- 2:00 10:00- 2:00 8:00- 2:00	8:30- 1:00 10:00- 3:00 8:00-11:00
KHJ K1AF	Portland Los Angeles. Sihtipok Seattle	491.5 405.2 421 384.4	740 709 780	8:30-2:00 8:30-12:00 Silent 8:00- 2:00	9:30-12:00 9:00-12:00 4:00- 5:00 9:45-12:45	8:00- 2:00 Silent 9:00-10:00 9:00- 1:00	8:00- 2:00 10:00- 1:00 Silent 9:00-12:00	8:00-12:00 10:00- 1:00 9:00-10:00 9:00- 1:00	10:00-12:00 Silent 9:00- 1:00	8:00- 2:00 10:00- 1:00 9:00-10:00 9:00-12:00
KJR KLDS KLX	Independ Oakland	440.9 508.2	680 590	8:00- 9:00 Silent	6:30-10:00 Silent	Silent 10:00-12:00	8:00-11:59 Silent	Silent 10:00-12:00	8:00- 9:00 Silent	Silent 9:00-12:30
KMA KMMJ KMOX	Shenandoah Clay Center. St. Louis	229 280.2	650 1310 1070	9:00-11:00 8:00- 9:00 6:30-11:00	4:00- 6:00 8:45- 9:45 9:00-10:30	9:00-11:00 8:00- 9:00 7:00-11:00	9:00-11:00 8:00- 9:00 6:30-11:00	9:00-11:00 Silent 6:30-11:30 9:00- 2:00	9:00-11:00 8:00- 9:00 Silent	9:00-11:00 8:00 9:00 6:30-11:00
KNX KOA KOAC	Hollywood Denver Corvallis Council Blfs	322.4 280.2	1070	9:00- 1:00 11:30-12:30 Silent 7:30-12:00	6:30-12:00 4:00- 8:30 Silent 7:30-12:00	8:00- 2:00 8:30- 9:15 9:00-11:00 6:03-12:00	9:00- 2:00 8:30-12:00 Silent 6:03-12:00	9:00- 2:00 8:30-12:00 9:00-10:00 Silent	9:00- 4:00 Silent Silent 6:03-12:00	9:00- 2:00 7:00-10:15 9:00-10:00 6:03-12:00
KOIL KPO KPRC	San Fran	428.3	700	7:30-12:00 8:30- 2:00 7:30-11:00	8:00-12:00 7:30-12:00	8:30- 2:00 7:30-10:00	7:30-10:00	8:30- 1:00 7:30-10:00	8:30- 1:00 7:30-10:00	8:30- 1:00 Silent
KPSN KSRA	Pasadena Shreveport St. Louis	315.6 260.7 545.1	1150 550	10:00-11:00 9:00-12:00 7:00-10:00	Silent 7:00-11:00 5:15- 8:15	Silent 10:00-11:30 8:00-11:00	10:00-11:00 9:00-12:00 6:00- 9:30	Silent 6:00- 8:00	10:00-11:00 8:00- 9:30 7:00- 9:00	Silent Silent 7:00- 9:00
KSD KSL KSO KTAB	Clarinda Oakland	299.8 405.2	740	9:00-12:00 Silent Silent	8:30-11:00 Silent 9:45-11:15	8:00-12:00 7:30- 9:00 10:00-12:00	7:00- 9:00 7:30- 9:00 10:00-12:00	8:30-12:00 7:30- 9:00 10:00-12:00	8:30-12:00 7:30- 9:00 10:00-12:00	8:30-11:00 7:30- 9:00 10:00-12:00
KOMO KTHS KUOA	Hot Springs. Fayetteville.	305.9 374.8 299.8	980 800 1000	Silent 9:00-11:00 Silent	8:10-11:10 9:00-11:30 7:30- 8:30	9:00-10:00 9:00-11:15 7:30- 8:30	10:00-11:00 9:00-11:00 8:00- 9:00	Silent 9:00-11:05 8:00- 9:00	Silent 9:00-12:00 8:00- 9:00	9:00- 2:00 9:00-12:00 Silent
KVOO KWCR KWKH	Bristow Cedar Rapd. Kennonwo'd	312.6	800 1080 550	7:00- 1:00 Silent 7:00-12:00	6:00- 1:00 9:30-10:30 7:00-12:00	6:00- 1:00 9:00-10:00 7:00-12:00	7:00- 1:00 Silent 7:00-12:00	7:00- 1:00 9:00-10:00 7:00-12:00	7:00- 1:00 Silent 7:00-12:00	7:00- 2:00 9:00-10:00 7:00-12:00
KWKH KWSC KYW NAA	Pullman Chicago Radio	348.6 535.4 434.5	560 560 560	Silent 5:30-11:00 Silent	Silent 3:30-11:00 Silent	9:15-11:00 Silent 6:45- 7:00	Silent 6:00-11:00 7:30- 8:30	9:15-11:00 5:30-11:00 Silent	Silent 5:30-11:00 Silent	9:15-11:00 5:30-11:00 Silent
PWX WAAM WADC	Havana Newark, N. J. Akron New York	263 258	750 1140 1160 950	5:00-10:00	7:30-10:30 Silent 5:30- 6:30 Silent	Silent 5:00-10:00 5:30- 1:00 6:30-10:30	Silent 5:00-10:00 5:30-10:00 Silent	7:00-11:00 5:00-10:00 5:30- 6:30 6:30-10:30	7:30- 8:30 5:00- 6:00 5:30- 9:0) Silent	Silent 5:00-10:00 5:30-10:00 6:30-10:30
WABC WAIU WAMD	Columbus.	293.9	1020 1230	8:30- 9:30 7:30- 8:30	2:30- 6:00 6:15-10:30	5:00-10:30 7:00-12:00	5:00- 9:15 6:15-12:00	5:00- 6:00 6:15-11:00	5:00- 6:00 6:15-12:00	5:00-10:00 6:15-12:00
WBAL WBAP WBAR	Baltimore. Fort Worth. Sisiht	246 475.9 406	756	Silent 7:30-11:00 Silent	5:30- 6:30 9:30-11:00 10:00-11:00	5:00-11:00 7:30-12:00 9:00-10:00	5:00-11:00 7:30-11:00 Silent	Silent Silent 8:00- 9:00 8:00- 2:00	5:00-11:00 7:30-12:00 7:30- 8:30	5:00-11:00 7:30-12:00 Silent
WBBM WBBR WBCN	Chicago Staten Isld. Chicago Springfield	266	1330 720 1130 900		4:00- 1:00 8:00- 9:15 4:00- 9:15 5:30-10:00	Silent 7:00- 8:00 Silent 5:15-10:30	8:00-12:00 Silent 7:00- 1:00 6:15-10:03	Silent 7:00-12:00 5:15- 9:00	8:00-12:00 7:00- 8:00 7:00- 1:00 5:15-10:30	8:00-10:00 Silent 7:00-12:00 5:15-10:03
WEAL	Pittsburgh	461.3	650	5:00-10:30	2:00- 9:15 4:00-10:00	5:00-11:30	5:00-12:00	6:30-11:30	5:30-10:00	5:00-11:00
WCAU WCBD WCCO WCFL	Philadelphia Zion MinnSt.P. Chicago Pensacola	344.6 416.4 491.5	870 720 610	Silent 6:15-11:05 6:00-12:00	8:00-10:30 4:10-11:30 4:00- 8:45	Silent 6:15-12:30 Silent	8:00-10:30 7:00-12:00 6:00-12:00	Silent 7:00-12:30 6:00- 1:00	8:00-10:30 6:15-11:05 6:00-12:00	Silent 5:15-10:05 6:00-12:00
WCOA WCX WDAF	Pensacola Detroit Kansas City Winter Park	252 516.9 365.6	1190 580 820	Silent 5:00- 6:00 6:00- 1:00 5:30- 7:55	Silent 6:15- 7:15 4:00- 4:45 6:30- 7:30	6:30-10:00 5:00- 8:00 6:00- 1:00 5:30- 9:10	Silent 5:00-10:00 6:00- 1:00	6:30-10:00 5:00- 8:00 6:00- 1:00	6:00- 1:00	6:30-10:00 5:00-10:00 6:00- 1:00
WDBO WDOD WEAF	Winter Park Chattanooga New York	256.3	1250	Suent	9:15-10:15	6:30- 9:15 3:00-11:00	5:30- 9:30 9:00- 9:30 3:00-11:00	6:30- 9:00 6:30- 9:15 3:00-11:00	5:30- 9:00 Silent 3:00-11:00	5:30- 9:00 6:30-12:00 3:00-11:00
WEAN WEAO WEBH	Providence Columbus Chicago	293.9	817 1020 810	4:30- 8:30 Silent 6:00- 2:00	5:30- 6:45 Silent 5:00- 9:00	4:30- 8:30 Silent Silent	4:30- 8:30 6:00- 8:00 5:00-11:00	4:30- 8:30 7:00- 8:00 5:00-12:30	4:30~ 8:30 7:00-10:00 5:00-11:00	Silent Silent 5:00-11:00
WEBJ WEEI WEMO	New York Boston Berrien Spgs	272.6 348.6 315.6	1100 860 950	5:45- 9:00 Silent	8:15-9:15	Silent 5:00-11:00 8:15- 9:15	5:00- 8:00 5:00- 9:36 Silent	6:00- 8:00 5:00-10:00 8:15- 9:15	Silent 5:00-10:00 Silent	6:00- 8:00 5:00-10:00 9:00-10:00
WENR WFBE WFAA	Chicago Cincinnati Dallas	232.4 475.9	630	6:30-9:00	6:00-12:00	Silent 6:30-11:00 6:30- 9:30 5:45- 6:45	6:00-10:00 6:30-10:30 6:30-12:00 5:45-10:30	8:15- 9:15 7:00- 2:00 6:30-10:30 Silent 5:45- 6:45	6:00-10:00 6:30-10:20 6:30- 9:30 5:45-10:00	6:00- 2:00 6:30- 9:00 6:30- 9:30 5:45- 6:45
WFI WGBF WGBS	Philadelphia Evansville New York	236 1	1270	Silent	Silent 5:00-10:30	Silent 6:30-10:30	6:30-10:00 5:00-10:30	Silent 6:30-10:30	Silent 5:00-10:30 9:30-12:00	7:00-10:00 6:30-10:30
WGBS WGCP WGES WGHE	New York New York Chicago Clearwater	266	1130	7:30-12:00	2:00- 5:00 5:00- 1:00 Silent	8:00-10:30 Silent 7:30-12:00	Silent 5:00- 1:00 7:30-12:00	6:00- 8:15 5:00- 1:00 7:30-12:00	5:00- 1:00 7:30-12:00	6:00- 8:10 5:00- 1:00 7:30-12:00
WGHE WGHP WGN WGR	Chicago Buffalo	302.8 319	990	5:00-11:00 Silent	6:45- 9:15	5:00- 9:00 Silent 7:00-12:00	5:00- 9:00 6:01-11:00 5:30-10:30 5:30-10:30	5:00- 9:00 6:01-12:30 5:30-10:00 5:20-10:00	5:00-11:00 6:01-11:00 5:30-10:00 5:30 11:30	5:00-11:00 6:01-11:00 8:00-12:00 5:30-11:00
WGY		275.1	1090	6:15- 8:00	3:15- 4:15 6:50- 9:00	5:30- 6:30 6:10- 9:30 6:30-11:00		6:10-12:30	5:30-11:30 6:10- 9:30 6:30-11:00 7:30- 9:00	6:10- 9:30
WHAR WHAS WHAZ WHB	Louisville Troy Kansas City	399.8 379.5 365.6	750 790 820	7:30- 9:00 Silent Silent	Silent 7:00- 1:00	Silent 8:00-11:00 7:00- 8:00	6:30- 8:00 7:30- 9:30 Silent 7:00- 9:30 5:00-10:00	Silent	7:00-10:00	6:30- 8:00 7:30- 9:00 Silent 7:00- 8:00
WHK WHN WHO	New York Des Moines.	361.2 526	830 570	Silent Silent	5:30-11:00 5:00-12:00	6:00-10:00 5:30-11:00 7:30-12:00	7:00-11:00 7:30-12:00	6:00-11:00	5:30-11:00 7:30-12:00	5:00-10:30 5:30-11:00 7:30-12:00
WHT WIBO WIP	Chicago Chicago Philadelphia	226	1330	6:00- 8:00		Silent Silent 5:45- 7:00	6:00-12:00 6:00- 2:00 5:00-10:30	6:00-12:00 5:00- 7:00	6:00-2:00	6:00-12:00 6:00- 1:00 5:00- 7:00
WJAR WJAX WJAZ	Providence. Jacksonville Chicago	336.9	890 910	7:00- 9:00 6:30- 1:00	L 5:00- 9:00	Silent	6:30-12:00	6:30-10:00 7:00- 9:00 6:30-12:00	Silent 6:30-12:00	6:45-10:30 6:00- 9:00 6:30- 2:00
WJAZ WJJD WJR WJZ WKAQ	Mooseheart. Pontiac	. 370.2 516.9 454.3	810 580 660	8:00-11:00 6:00-11:30 6:00-11:00	2:00- 5:00 9:00-10:00 6:00-10:15		I 6.0∩∟10.45	8:00- 9:00 6:00-12:00 6:00-10:30 6:00- 8:00		8:00- 1:00 6:00- 8:00 6:00-11:00 6:00- 8:00
WKRC	San Juan Cincinnati Chicago Philadelphia	422.3 302.8	990	9:00-11:00 7:30- 1:00		6:30- 8:00 5:15-12:00 Silent 7:00-10:30	7:00- 1:00	5:25-12:00 7:00- 1:00 6:30-10:00	9:00-11:00 7:00- 1:00 Silent	Silent 7:00- 1:00 6:00-10:00
WLIT WLS WLW	Chicago Cincinnati	344.6	870 710	5:30-12:00 6:45- 9:00	6:00- 7:55 6:30- 8:50	Silent 6:00-10:20	5:30- 7:55 6:00- 9:00	5:30-12:00 6:00-11:00	5:30- 7:55 6:00-12:15	5:30-11:00 Silent Silent
WLWL	New York Lockport	384.4 265.5 447.5	1130 670	6:00- 8:30 6:00-10:00	Silent   6:45- 7:45   Silent	7:00-10:20 6:15- 9:30 Silent Silent	8:00-10:45	8:00-10:30 6:15- 9:00 6:00-10:00 7:00-11:00	Silent	6:45- 9:00 6:00-10:00 7:00-11:00
WMBF WMC WMC	Memphis	11384.4	780 600 880	6:00-12:00 8:30- 9:30	6:00-12:00	6:00-12:00 8:30- 9:30 5:00-11:15	6:00-12:00 8:30-12:00 5:00-11:15	6:00-12:00 Silent 5:00-11:15	6:00-12:00 8:30- 9:30 5:00-11:15	8:30-12:00 5:00-11:15
WNAC	Boston	431	697 570	5:00-10:00	3:00- 7:30 5:00- 9:35 7:45- 8:45	5:00-11:30	5:00-10:05 5:00- 9:35 8:30-10:30	5:00- 9:00	5:00- 9:30	5:00- 9:30 5:00- 9:35 8:30- 9:30
WOAI WOAN WOW WOC	San Antonio Lawrenceb's Omaha	394.5 356.4 526	760 841 570	Silent 6:00-11:00	9:00-10:00 6:00-10:00	Silent 9:00- 1:30 6:00-11:00	8:30-10:30 9:00-10:00 6:00-11:00 6:30-10:30	8:30- ·9:30 9:00-10:00 Silent 6:30-10:30	8:30- 9:30 9:00-10:00 6:00-11:00 6:30-11:00	9:00-10:00 6:00-11:15 7:30-10:30
WOI	Davenport Ames Homewood	270.1	11110	Silent 6:00-12:00	Silent 6:00-12:00	Silent 7:45- 8:45 Silent 6:30-10:30	Silent 6:00-12:00	Silent 6:00-12:00 6:30-11:00	7:30- 8:30 6:00-12:00 6:30- 7:30	6:00-12:00 6:30-10:30
WOOD WOOD WOQ	Kansas City	278	1080	Silent 8:00-11:00	Silent 7:00~ 7:45	6:30-10:30 7:35- 2:00 Silent	8:00- 9:00	7:35-12:00 Silent	7:50-12:00 7:00- 9:00	7:35-12:00 Silent
WOR WORD WOS	Jeffer'n City	. 275 v 440.9	1090	7:00-10:00 Silent	7:30-10:00 7:30- 8:30	5:15-11:00 Silent 7:00-11:00 6:00-11:00	5:15-11:00 7:00-12:00 Silent 6:00-11:00	5:15-11:00 7:00-10:15 7:00- 9:00 Silent	5:15-11:00 7:00-10:00 Silent 6:00-11:30	5:15-11:00 7:00-10:00 7:00- 9:00 6:00-11:00
WPG WQJ WRC	AtlanticCity Chicago Washingtor	299.8 . 447.5 1 468.5	1000	7:00- 3:00	3:00-10:00	6:00-11:00 Silent 6:00-11:00 Silent	7:00- 2:00	7:00- 2:00 6:00-10:00 5:00- 6:00	7:00- 2:00	7:00- 2:00 6:00-11:30 5:00- 6:00
WREO WRR WRVA WSAI	Dallas	245.8	1220	6:00- 9:00 Silent	7:45-10:30   Silent	6:00-10:30	10:00-12:00	Silent 7:00-10:00 6:45-12:00	5:00- 8:15 6:10-10:30 7:00-10:00 6:40-12:00	6:00-10:00 6:00-10:00 Silent
WSB	Atlanta	428.3	700	8:00-12:00	5:00- 9:00 5:00- 1:00	6:00-12:00 6:30- 7:00	8:00- 9:00 6:30- 1:00	10:45-12:00	8:00-12:00 6:30- 1:00 Silent	8:00-12:00 6:30- 1:00 Silent
WSKC WSME WSOE	New Orlean Milwaukee.	. 260.7 в 319 . 245.8	1150 940 1220	8:30-10:30 8:30-10:30 8:00- 9:00	Silent Silent 7:30- 8:30 9:00-12:15	8:00-10:00 8:30-10:30 6:00- 9:00 9:00-10:00 7:00- 9:00	Silent 6:00-10:00 Silent	8:30-10:30 6:00- 9:00 7:30- 8:30	8:30-10:30 6:00-10:00 Silent	Silent 6:00-10:00 Silent
	Iowa City Chicago Worcester I Cleveland Hartford				2:00- 9:15 5:00- 8:00	6:15-9:00 5:00-11:00	6:30- 9:30 5:00-11:00	6:00- 1:00 6:00- 9:30 5:15-10:00	6:00- 1:00 7:00-10:00 5:00-11:00	6:00- 1:00 6:15- 9:30 5:30-11:00
WTAN WTIC WWJ	Hartford Detroit	475.9	850	Silent Silent	Silent 6:20- 8:45	5:00-11:00 5:00- 9:00	6:00-10:00 5:00- 8:00	Silent 5:00-10:00	5:00-10:00 5:00- 8:00	5:00-12:00 5:00-10:3 <b>0</b>
							•	1		

#### STATIONS IN ORDER OF WAVE LENGTHS

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

#### Complete Rules for "Whozit"

Complete Rules for "Whozit"

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

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

2. A board of judges at Radio Diges participating stations. The twenty-four station prizes will be divided and awarded on the following basis 1st prize, \$500 in gold to the individual whose set of sixteen completed portraits is most nearly correct in the assembly of segments, identification of artists, and of the neatest workmanship; 2nd prize, \$500 in merchandise order to the individual whose completed sets are second best in order of correctness, identification and neatness; and 3rd prize, \$200 in merchandise order to the individual whose completed sets are third best in order of correctness, identification and neatness; and 3rd prize, \$200 in merchandise order to the individual whose completed sets are third best in order of correctness, identification and neatness; and 3rd prize, \$200 in merchandise order to the individual whose completed sets are third best in order of correctness, identification and neatness; and 3rd prize, \$200 in merchandise order to the individual whose completed sets are third best in order of correctness, identification and neatness.

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

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

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

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

7. Artists (or their representatives) whose fragmentary portraits appear on the





# WJZ AND WEAF CHAINS COMBINE TO GI

#### HIGH LIGHTS OF THE AIR

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

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

time German folk songs.

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

sody in Blue."

The climax of the New Year's day programs will be the broadcast by the WJZ chain and the WEAF chain of the Victor Talking Machine company programs. Over this vast link of stations now called the Blue network and the Red network, the cream of New York performers will entertain every section of the country. The two-hour program will be given by the world famous artists, John McCormack, tenor; Rosa Ponselle, soprano; Mischa Elman, violinist, and

Alfred Cortot, pianist. With them will be heard the Victor Salon orchestra under the direction of Nathaniel Shilkret. Elman and Cortot will sail for Europe immediately after this program. This will probably be the last opportunity for Americans to hear these two artists this season.

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

January 7 "America" will be given.

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

the harmonica, fiddling and concludes with a barn dance.

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

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



#### Note to Readers

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

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

#### SATURDAY, JANUARY 1

Headliners

Eastern Central Mountain S:30 a.m. 7:30 a. M. 7:30 a. M. Facific S:30 WLW (422.3m-710ke) Dad Kerschner, Central Parkway Y. M. C. A. 1p. m. 11 10 Tournament of Roses. 2:15 (11:15 KOA (322.4m-930kc) Organ recital. 4 WLW (422.3m-710kc) New Year's program. 5:30 WFAA (475.9m-630kc) Sarah Hopkinson. 6 (324.5m-860kc) O'Leary's Irish minstrels. WTIC (475.9m-630kc) Hub quartet. 6:25 WTIC (475.9m-630kc) Sidney Green, pianist. 6:30 WBZ (333.1m-90kc) Dick Newcomb's Society orchestra. 6:45 WEEI (348.6m-860kc) Lido Venice Orchestra. 6:45 WEEI (348.6m-860kc) Lido Venice Orchestra. 3:45 WEEI (348.6m-860kc) Lido Venice Orchestra. 3:45 Headliners

VLW (422.3m-710kc) Sekatary Hawkins club New Years.

VSR (428.3m-700kc) New Years Frolic.

VTTC (475.9m-630kc) Philharmonic brass quartet.

8:10 6:10 5:10

WEZ (333.1m-900kc) Boston symphony.

WSBC (268.5)III-14-14-14.
gram,
8:30 6:30 5:30
KOIL (305.9m-980kc) Ray-O-Vac twins,
WHAS (399.8m-750kc) Arthur Findlin, baritone,
WPG (299.8m-1000kc) "Little Journeys to the
Homes of Great Musicians."
WTIC (475.9m-650kc) Hartford Saengerbund.

7 6 Homes of Great Musicians.

WTIC (475.9m-630kc) Hartford Saengerbund.

9 WBAP (475.9m-630kc) Clyde and Florence Massengale.

WEAF (491.5m-610kc) Victor Talking Machine Company; John McCormack, tenor; Rosa Ponselle, soprano; Rischa Elman, violinist; Alfred Cortot, pianist;

WE E I (348.5m - 860kc), WT (394.5m - 760kc), W J A R (485.1m - 610kc), W J A R (485.1m - 610kc), W T I C (475.9m - 630kc), WGR (319m - 940kc), W GR (30.2, 8m - 997kc), KSD (545.1m - 550kc), W T C (475.9m - 630kc), W GR (319m - 640kc), W GR (30.2, 8m - 997kc), KSD (545.1m - 550kc), W C C O (416.4m - 720kc), W C C O (416.4m - 720kc), W GR (30.2, 3m - 900kc), W J Z (484.3m - 660kc), W B Z (333.1m - 900kc), W B Z (333.1m - 900kc), KDM (535.4m - 560kc), W GR (245.8m - 1220kc) Panther Hawaiian trio. 9:30 KFAB (340.7m - 880kc) Little symphony orchestra. WFAA (475.9m - 630kc) North Texas male chorus. 9:45 September 1010kc) Sweetheart of the Air, KTHS (374.8m - 800kc) Sybij Seaman, organist. WFAF (491.5m - 610kc) Le Ferroquet De Paris, WHAD (275.1m - 1090kc) special New Year's day program.

WPG (299.8m - 1000kc) 1927 Calendar of Music. 10:45 9:45 7:45 7:45 WHAD (275.1m-1090lic) special New Year's day program.
WPG (299.8m-1000lic) 1927 Calendar of Music.
10:45 9:45 8:45 7:45 8:45 7:45 WSB (428.3m-700lic) Hired Help Skylark.
11 10 9 8 8ker Hotel orchestra.
11:05 9:05 8:05 8:05 WCCO (416.4m-720lic) Lora Davidson, soprano.
11:15 9:15 KGO (361.2m-830lic) Smith organ.
KTHS (374.8m-800lic) New Years frolic.
11:30 10:30 9:30 8:30 WBZ (333.1m-900lic) Canadian Mountain Police messages.
11 10 9 10:30 9:30 8:30 WBZ (335.1m-900lic) Harmony Hic Parker, 12:15 11:15 10:15 9:15 KGO (361.2m-830lic) Harmony Hic Parker, 12:30 11:30 9:30 KOA (322.4m-930lic) Scheuerman's Colorado orchestra.

**SATURDAY, JANUARY 8** 

Headliners

Eastern Central Mountain Pacific 5
WLW (422,3m-710kc) favorite classics 7:15 6:15 5:15 4:15
WCCO (416.4m-720kc) Groth's Saxophone quartet 7:30 6:30 5:30 4:30 WFAA (475.9m-630kc) Colby Smith, saxophonist. 8 7 6 5 WOC (483.6m-820kc) Agnes Christopher, pianist. WTIC (475.9m-630kc) Hartford Composers period 8:15 7:15 6:15 5:15 WLW (422.3m-710kc) string trio. 8:30 5:30 WTIC (475.9m-630kc) American Legion band. WEAF (491.5m-610kc) Balkite hour, Walter Damrosch, New York symphony, WEEI, WGR, WFI, WCAE, WWI, WSAI, WTAM, WGN, KSD, WCCO, WDAF: (1) Overture, "Oberon," Weber; (2) Siegtried's Death, Wagner; (3) Andante from Symphony in D, Mozart; (4) March Slav, Tschaikowsky WHAS (399.8m-750kc) Bluegrass Tripple male quartet.

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

Eastern Time Stations

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

CKAC Montreal, Que., Can. (410.7m-73Jkc) 7:15 p. m. dinner concert; 10:30, Red Jackets.

KDKA Pittshurgh, Pa. (309.1m-970kc) 6:15 p. m. dinner concert. Westinghouse band; 8, concert.

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

WBZ Springfield, Mass. (333.1m-900kc) 6:30 p. m. orchestra; 7:15, orchestra; 7:45, male quartet; 8:10, orchestra; 7:15, dance music.

WCAE, Pittsburgh, Pa. (461.3m-650kc) New Year's program under WEAF; 6 p. m. dance orchestra; 8:10, dance music.

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

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, Janssen's Hofbrau orchestra; 7:30, headliner; 7:45, talk; New Year's day Balkite hour at 8 p. m., Victor hour at 9, WEEI, WGR, WFI, WCAE, WWJ, WSAI, WTAM, WGN, KSD, WCCO, WDAF; (regular), 10, WEAF Revue; 10:30, orchestra.

WEEI Boston, Mass. (348.6m-860kc) 7:55 p. m. Boston Globe; 8, WEAF; 9, WEAF.

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

WGBS New York, N. Y. (315.6m-950kc) 7 p. m. music; S:30, studio program; 10:30, dance program; 10:30, dance program; 10:30, studio program; 10:30, dance program. Regular Saturday Features MGBS New 107K, IV. 1. (dis.on-3000c) music, wGHB Clearwater, Fla. (266m-1130kc) 7 p. m. msic, 8:30, studio program; 10:30, dance program. WGR Buffalo, N. Y. (319m-940kc), 9-10 p. m. WEAF. WGY Schenectady, N. Y. (379-5m-790kc) 6:30 p. m. dinner program, Onondaga hotel, WFBL, WGY; 7:30, Shea's Buffalo hour, WMAK, WGY; 8:05, WIZ; 10:30, dance program. WHK, Cleveland, Ohlo (272.6m-1100kc) 8 p. in. instrumental hour; 9, orchestra; 10, Happy hours; 11-12. Whozit.

12 11 10 9 KPRC (296.9m-1010kc) Horwitz theaters enter-tainers.

**Educational Features** 

WHK, Cleveland, Onto (272.5m-1100kc) 8 p. in. instrumental hours; 10-12. Whozit.

WIP Philadelphia, Pa. (508.2m-590kc) 6:05 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, sports corner, Dr. Francois D'Eliscu; 8:15, recital; 8:45, program 10:30, dance orchestra from WGBS; 11:05, organ recital. Note New Year's program in headliners.

WJAX Jacksonville, Fla. (336.9m-890kc) 8-9 p. m. classical program: 9-10 Casa de Baile dance music.

WJR Detroit, Mich. (516.9m-580kc) 7 p. m. Jean Goldkette's Petite symphony orchestra, soloists; 9, studio program; 11:30. Merry Old Chief and his Jesters.

studio program; 11:50, Metry Old Cinic and ... Jesters.

WJZ New York, N. Y. (454.3m-660kc) 7 p. m. Hotel Commodore dinner orchestra; 7:45, Don Vorhees orchestra; 8:25, orchestra, WBC; Un30, Jack Denny's Frivolity Club orchestra. WRC will also broadcast.

WKRC Cincinnat, Ohio (325.9m-920kc) 10 p. m. Swiss Garden Loons; 11, popular program; 11:15, dance music. music. WLIT Philadelphia, Pa. (394.5m-760kc) 7:30 p. m.

concert orchestra. WLW Cincinnati, Ohio (422.3m-710kc) 7 p. m. organ concert, Johanna Grosse; 8. Seckatary Hawkins Radio club; 9. dance music Castle Farm WMAK Buffalo, N. Y. (285.5m-1130kc) 6:30 p. m.

Hotel Onondaga orchestra; 7:30, Shea's Buffalo theater, WGY, WHAM, WFBL; 8:30, musicale, WMCA New York, N. Y. (340,7m-880kc) 11 p, m. Ernie Golden and his Hotel McAlpin orchestra; 12, McAlpin entertainers.

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

Ernie Golden and his Hotel McAlpin orchestra; 12, McAlpin entertainers.
WNYC New York, N. Y. (526m-570kc) 7 p. m. piano selections.
WOO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. Hotel Sylvania dance orchestra.
WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7:15, Hotel Shelton string ensemble; 11, orchestra.
WPG Atlantic City, N. J. (299.8m-1000kc) 7:15 p. m. organ recital, Arthur Brook; 7:30, Hotel Morton dinner music; 8:05, Hotel Shelburne dinner music; 8:30, "Little Journeys to the Homes of Great Musicians," Alice Sachse, pianist; 9, Hotel Chelsea concert; 9:30, Hotel Traymore concert orchestra; 10, studio program; 10:30, dance music; 11:30, Gateway casino.
WRC Washington, D. C. (468.5m-640kc) New Year's program listed in headliners under WEAF, 7:15 p. m. Hotel Washington orchestra; 8:10, WBZ; 10:30, WJZ; 11, orchestra.
WSAI Chncinnati, Ohio (325.9m-920kc) 7:45 p. m. studio program.
WTAG Worcester, Mass. (545.1m-550kc) 11-2 a. m. studio program.
WTAG Worcester, Mass. (545.1m-550kc) 8:30 p. m. Bancrott hotel orchestra; 9, program; 10, WEAF, WTAM Cleveland, Ohio (389.4m-770kc) 6:15 p. m. Hotel Cleveland orchestra; 7:15, studio program; 9, WEAF; 10, Ev Jones' Merrymakers.
WTIC Hartford, Comn. (475.9m-630kc) 6 p. m. Hub Restaurant trio; 8, program
WWJ Detroit, Miich (352.7m-820kc) 9 p. m. WEAF.

WWJ Detroit, Micb. (352.7m-820kc) 9 p. m. WEAF.

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 9:30-10:30 p. m. Herbert Sadler, organist.

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

KFNF Shenandoah, Ia. (461.3m-650kc) 7 p. m. head-liner: 11, old time music.

KMA Shenandoah, Ia. (461.3m-650kc) 9-11 p. m. Greenlee Brothers.

KMOX St. Louis, Mo. (280.2m-1070kc) 6:30 p. m. Children's club; 7, Little Red Schoolhouse; 8, orchestra; 9, KMOX Minstrels; 9:30, soloists; 10, program; 12-1, dance nusic.

KOIL Council Bluffs, Ia. (305.9m-980kc) 6 p. m. McCrovy's music period; 6:30, Stewart Warner program; 7:30, program; 11, Pow-WOW.

KPRC Houston, Tex. (299.8m-1000kc) 7:30 p. m. Bible class; 8, concert; 11, frolic.

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9 p. m. organ; 9:15, dance frolic; 10:15-11, Secciafties.

KVOO Bristow, Okla. (374.8m-800kc) 6-7 p. m. S. S. Lesson; 7-8, Gleenan; 8-9, orchestra; 12, Southern entertainers.

KYW Chicago, III. [535.4m-560kc) New Year's pro-

Specialties.
KVOO Bristow, Okla. (374.8m-800kc) 6-7 p. m. S. S. lesson; 7-8, Gleenan; 8-9, orchestra; 12, Southern entertainers.
KYW Chicago, Ill. (535.4m-560kc) New Year's program 8 p. m., WIZ. 6 p. m. bedtime story; 6:30. Joska DeBabary and his orchestra; Johnny Hamp and his orchestra; 7, Family hour; 9-10:30, classical concert; 10:30-12, Congress carrival.
WBAP Fort Worth, Tex. (475.9m-630kc) 8-8:30 p. m. pianist; 9:30-11, orchestra.
WBBM Chicago, Ill. (226m-1336kc) 8 p. m. Coon-Sanders' Night Hawks; 9, orchestra, artists; 10. Jazz-land; 11-12, supper club; 12, Nutty club, Coon-Sanders' Night Hawks.
WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 6:15 p. m. Wesley Barlow's Nicollet hotel orchestra; 8. WEAF; 9, program; 10:05, dance program, Wallie Erickson's orchestra.
WCFL Chicago, Ill. (491.5m-610kc) 7 p. m. Brevoort tric; 8, vaudeville hour; 10, Alamo orchestra; 11-12, entertainers.
WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 8-9, WEAF; 9-10, around the town; 11:45-1, Nighthawk frolic.
WEBH Chicago, Ill. (370.2m-810kc) 7 p. m. Edgewater Beach hotel orchestra; 11-2 a. m., orchestra; Sunset male quartet.
WENR Chicago, Ill. (365.3m-1130kc) 6-7 p. m. Rauland lyric tric; 8-10. All-American Pioneers.
WFAA Dallas, Tex. (475.9m-630kc) 6:30-7:30 p. m. Baker hotel orchestra; 8:30-9:30, concert; 11-12, concert.

**DANCING** Central Time

Central .1 ime

Monday

8. Wgep; 9, W;
Wor; 9:15, Wahg;
Kths, Wgep, Wgr, Wr
Wpg; 10:15, Wor; 10:
Wgep, Whn; 11. K
Koll, Wgbu, Wgep, W
Whn, Who, Wfaz; 11:
Wdaf; 12, Knx, Kpo.

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

Wednesday

9:13, Waka: 9:39, Wh
Who, Wor; 10, Ki
Wbap, Weaf, Wg; 10;
Weco; 10:30, Wbap, W
11, Kmox, Koil, K
Webh, Wgbu, Wgcp, W
Whn, Wjaz; 11:45, Wd
12, Kfwa, Knx, K 12, Kfwa, Kdx, K Wjaz, Wjjd.

WJaz. WJJd.

Thursday

8. Wir; 9. Webh, Wt
Whn, Wjr, Wmbb, Wt
Wtag; 9:05, Wbz, W
9:30, Wgbs, Wgy, W
9:35, Wnye; 10, Kt
Wbbn, Weaf, Wg
Whn, Wmea, Wpg, W
10:30, Ktbs Whp, Wa 10:30, Kths, Whn, We Wgbu, Whn, Woc; 11: Wdaf; 12, Kgo, K

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

# GIVE BRILLIANT NEW YEAR'S PROGRAM



DANCING Central Time

Monday , Wgep; 0, Wjar. r; 9:15, Wahg; 10, 18, Wgep, Wgr, Wnye, g; 10:15, Wor; 10:30, cp, Whn; 11, Kgw, cp, Whn; 11. Kgw, 1, Wgbu, Wgcp, Wgr, n, Who, Wjaz; 11:45, af; 12, Knx, Kpo.

Tuesday ):15, Kths; 10:30, Kths, a; 10:45, Wsb; 11, v, Koll, Wgbu, Whn, ız; 11:45,, Wdaf; 12, π, Khj, Knx, Kρο, af, Wjaz; 1, Wqj,

Wednesday :15, Walta: 9:30, Whap, o, Wor; 10, Kfve, ap, Weaf, Wgbu, p, Weat, Wgbt, p, Wjaz, Wgj; 10:05, o; 10:30, Wbap, Whn; Kmox, Koil, Kpo, h, Wgbu, Wgep, Wgr, Kiwa, Knx, Kpo, z. Wijd.

Thursday Wjr; 9, Webh, Weei, 1, Wjr, Wmbb, Wsai, g; 9:05, Wbz, Wip; t, Wgbs, Wgy, Whn; Wnyc; 10, Kths. om, Weaf, Wgbu, 10, Kths, Whn, Webh, ou, Whn, Woc; 11:45. if: 12. Kgo. Khi. Koo, Wijd.

Wwj; 9, Wcx, Webh Wgbu. Wgen. b; 9:15, Wang; 9:30 u, Whn; 10, Kpc, Wgbu. Wgep.

Saturday
Webh, Wiaz, Wmbb,
v, Wreo; 9:10, Ktha,
9:30, Kths, Wgbs,
Wre; 10, Kmox,
Koa, Kpo, Weaf,
wiaz, Wir, Wkre,
a, Wny; Wor, Wqi,
viaz, Wir, Ward,
b, Wiaz, Wir, Wrox,
till, Wwa,
b, Wiaz, Wor,
till, Wwa,
b, Wiaz, Woe; 11:30,
t; 11:45, Wdaf; 12,
Kww. Knx; Wgbu,
z, Wijd.

WGN Chicago, III. (302.8m-990kc) 6:35-7 p. m. Drake concert ensemble; 8-9. WEAF; 9:10, Light opera period; 10, Sam' n' Henry; 10:10, The Music Box; 10:20, song group; 10:40-11, songs. WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. orchestra and vocal selections, Wisconsin hotel. See headliners for New Year's day. WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m. studio concert. whas Louisville, Ry. (399.8m-750kc) 6 p. m. Al Carney, organist; 7:45 (238m-1260kc), Stuart Dawson; 9:30 (399.8m-750kc), Brown and Craig; 12, Pat and Al. WIBO Chicago, Ill. (225.4m-1330kc) 6-7 p. m. dinner concert; 7-8, Bradley college hour.
WIAZ Chicago, Ill. (329.5m-910kc) 6:30 p. m. dinner program; 7-8, Shoreland; 8, musical highlightts; 9-11, Shoreland; 11-2, frolic.
WJJD Mooseheart, Ill. (370.2m-810kc) 8 p. m. Victorians. y-11. Shoreland; 11-2, frolic.
WJJD Mooseheart, Ill. (302.8m-990kc) 7-8 p. m. Victorians.
WLIB Chicago, Ill. (302.8m-990kc) 7-8 p. m. dinner concert; 11-12:30, organ, orchestras.
WLS Chicago, Ill. (344.6m-870kc) 6:40 p. m. College lun orchestra; 7-1, irolic.
WMAQ Chicago, Ill. (344.5m-670kc) Silent New Year's day, 6 p. m. Chicago theater organ; 6:30, Gus Edwards' orchestra; 8. photologue; 8:30, Chicago theater revue; 9:30, songs.
WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m. Trianon ensemble; artists; 8:30-11. Trianon orchestra, resemble.
WMC Memphis. Tenn. (499.7m-600kc) 7:30 p. m. dance music; 8:30, entertainment.
WOC Davenport, Iowa (483.6m-620kc) 7-8 p. m. musicale; 8-9, WEAP.
WOK Chicago, Ill. (238m-1260kc) 6-7:45 p. m. string ensemble; 8-9 (217.3m-1380kc), program; 9:30-12 (238m-1260kc), syncopators.
WOQ Kansas City, Mo. (278m-1080kc) 6:15 p. m. orchestra; 10, service.
WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. Webster hotel concert program; 9, studio program.
WOW Omaha, Neb. (526m-570kc) 6 p. m. literary hour; 9, program; 11. Trans-Brown's Oklahomans. WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainho orchestra; 10-3 a. m. Rainho Gardens Frolic.
WRR Dallas, Tex. (245.8m-1200kc) 8-9 p. m. musicale.
WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. Atlanta

wsB Atlanta, Ga. (428.3m-700kc) 8 p. m. Atlanta Atwater Kent hour; 10:45, Ernest Rogers' Red Head WSBC Chicago, Ill. (288.3m-1040kc) 6:30-8 p. m. dinner program; 9, entertainers.

WSMB New Orleans, La. (319m-940kc) 8:30 p. m. popular program

WSOE Milwaukee, Wis. (245.8m-1220kc) 8 p. m. WSUE Milwaukee, Wis. (245.8m-1220kc) 8 p. in. Whozit, artists.
WSWS Chicago, III. (275.8m-1090kc) 6 p. m. dinner program, Terrace Garden orchestra; 8, production, Magic Crystal; Walter Dyckman, bass; 10, orchestra; John Clark, bavitone; ballads, John Ude; 12 midnight, Witching hour. Mountain Time Stations enver, Colo. (322.4m-930kc) 10:30 KOA Denver, Colo. (322.4m-930ic) 10:30 p. m. Scheuerman's Colorado orchestra.

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. program arranged by Paul Roberts, tenor; 8-9, program, L. A. Soap company; 9-10, Angelus string quartet; 10-11, Packard Radio club; 11-2 a. m. KFI midnight frolic.

KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 8-9, program, Mona Motor Oil Company; 9-10, headliner; 10-11, Warner Brothers frolic.

KGO Oakland, Calif. (361.2m-830kc) 4-5 p. m. Stanislas Bem's Little symphony; 8:15, organ; 9-1, Hotel Whitcomb band; Frank Gibney, soloist.

KGW Portland, Ore. (491.5m-610kc) 6-7 p. m. dinner music; 10-12, dance music.

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

WMTR Hollywood, Calif. (370.2m-810kc) 8-9 p. m. eoncert orchestra; 9-10, studio program; 10-12, dance music.

KNX Hollywood. Calif. (336.9m-890kc) 7:30 p. m. eoncert orchestra; 9-10, studio program; 10-12, dance musie.

KNX Hollywood, Calif. (336.9m-890ke) 7:30 p. m. features; 10, Hotel Ambassador; 11, Saturday night retures; 10, Hotel Ambassador; 11, Saturday manaferiolic frolic KPO San Francisco, Calif. (428.3m.700kc) 6:30 p. m. States Restaurant orchestra; 8-12, dance music. KPSN Pasadena, Calif. (315.6m-950kc) 8-9 p. m. Star-News instrumental ensemble.

Church Services

Eastern Central Western 7:50
WEEI (348.6m-860ke) Old South Church.

WCAU (277.6m-1080ke) First Unitarian church.
WHAS (399.8m-750ke) Fourth Avenue Presbyterian church. ian church, (422.3m-710kc) Fourth Avenue Tresbyterian church, (422.3m-710kc) Seventh Presbyterian church, (11:50 9:50 9:50 WCCO (416.4m-720kc) Westminster Presbyterian church, 11 10 9
KOIL (305.9m-980kc) First Congregational church, KSO (405.2m-740kc) M. E. church, WBAP (475.9m-630kc) First Methodist Church. WRAI (325.9m-920kc) Methodist Episcopal church. 1p. m 12
KNAI (335.9m-980kc) Methodist Episcopal church. 1p. m 12
KNAI (336.9m-890kc) First Baptist church. KOA (322.4m-930kc) First Baptist church. KOA (336.12m-830kc) First Baptist church. KGO (361.2m-830kc) First Congregational church. 5
WCCO (416.4m-720kc) House of Hope Presbyterian church. 5
4 3 6 5 4 3
WBAP (475.9m-630kc) vesper, Baptist seminary.
7:15 6:15 4:15
WIP (508.2m-590kc) Holy Trinity church.
7:30 6:30 5:30 4:30
WOC (483.6m-620kc) First Methodist Episcopal church. 8 7 6 5 WSB (428,3m-700kc) Wesley Memorial Methodist church service. 8:30 7:30 6:30 5:30 KUOA (299.8m-1000kc) Central Presbyterian ehurch ehurch.

WFAA (475.9m-630kc) First Baptist church.

WLW. (422.3m-710kc) First Presbyterian church.

8:50 6:50 5:50

KPRC (296.9m-1010kc) First Church of Christ. Scientist.
9:30 7:30 6:30

KNX (336.9m-890kc) First Unitarian church.
9:45 7:45

KOA (322.4m-930kc) First Baptist church.
10 8 7

KNX (336.9m-890kc) First Presbyterian church. **SUNDAY, JANUARY 2** Headliners

Eastern Central Mountain Pacific
2 p. m. 1 12 11
WEEI (348.6m-860kc) Sager's Hour of Hospital-3 WEEI (348.6m-860kc) Henry J. Ryan.

WDJ (447.5m-670kc) Holy Family church choir 4:15 3:15 2:15 WHAD (275.1m-1090kc) Milwaukee Turnverein. 5 4 3 2 CIIIC (356.9m-690kc) vesper choral service, WGAU (277.6m-1080kc) New Century brass quar-(IIIC (386.9m-690kc) vesper choral service. WGAU (277.6m-1080kc) New Century brass quarlet.

WSB (428.3m-700kc) Baptist church choir. 5:30 2:30 3:30 2:30 2:30 WHAS (399.8m-750kc) choral evensong. Christ Church cathedral. 6 4 3 WEAF (491.5m-610kc) "The Mid-Summer's Night Dream," WEAF players.

WSBC (228.3m-1040kc) Edouard Dufresne, French baritone. 7:30 5:30 4:30 KNX (336.9m-890kc) cinema chit-chat, Helene Sullivan. 7:45 6:45 4:45 WCAU (277.6m-1080kc) Cathay concert. 8 KOIL (305.9m-980kc) Princess of the Air. 8:15 VLWL (228.3m-1040ke) Paulist choristers. 8:30 KOA (322.4m-930kc) Oliver W. Gushee, organist. KOIL (305.9m-980kc) Monday Musical club. WCBD (344.6m-870kc) mixed quartet, organ. 9:15 WEAF New York. N.Y. (491.5m-610kc), WEEL WGR, WRC. WWJ, WSAI, WGN, WCCO,

#### FARMER'S PROGRAM INDEX

Farmer Dinner Concerts

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

Special Farm Features

Monday

Eastern Central Mountain 10:30 a.m. 9:30 8:30 WFI (394.5m-760kc), Farm feature. 11 10 9 8 WCAE (461.3m-650kc), U. S. farm school. 1 p.m., 12 10 WCCO (416.4m-720kc), Farm hour. 1:10 12:10 11:10 10:10 WMAQ (447.5m-670kc), Prairie Farmer farm talks.

1:13 12:13 11:13 10:13
WHO (526m-570kc), Radio farm school.

1:15 12:15 11:15 10:15
WTAW (270.1m-1110kc), Jan. 3, spring oats;
Jau. 10, Sudan and Angleton grass.

1:30 12:30 11:30 10:30
KFDY (306m-978kc), Poultry course.
KMA (461.3m-650kc), Farm talk, agricultural aid. KMA (461.3m-650kc), Farm talk, agricultural aid.
 WCCO (416.4m-720kc), Farm talk, feed choppers.
 WEAO (293.9m-1020kc), Timely economic information for the farmers.
 1:35 11:35 10:35
 KSAC (340.7m-880kc), Jan. 3, Breaking in the young horse; Jan. 10, brood sow rations.
 1:40 12:40 11:40 10:40
 WLW (422.3m-710kc), U. S. Radio Farm school.
 1:45 12:45 11:45 10:45
 WOI (270.1m-1110kc), Questions and answers on horticulture.
 2 1 12 11 2 WSB (428.3m-700kc), Georgia State College farm course. school. WOS (440.9m-680kc), U. S. Radio Farm school. WRVA (256m-1170kc), Farmers' chat, Dibble, WRVA (256m-1170kc), Farmers' chat, Dibble, Cline.
8:20
KFJF (260.7m-1150kc), U. S. Agricultural service.
8:30
7:30
6:30
5:20
KUOA (299.8m-1000kc), Farm filosophy, Jan. 3, seed corn; Rabies, sweet potatoes; Making Long Winters Profitable." Jan. 10, naming the farm, sane farming plan for 1927.
WCCO (416.4m-720kc), Farm lecture.
WMC (499.7m-600kc), Farm talk.
8:35
WOOD (241.8m-1240kc), U. S. Farm school.
9
FNF (461.3m-650kc), Poultry talk.
WMC (499.7m-600kc), Farm talk.
9:30
8:30
7:30
KOB (348.6m-860kc), Farm program.
WFAA (475.9m-630kc), Sears-Roebuck program.

Tuesday Eastern Central Mountain 10:30 a.m. 9:30 8:30 WFI (394.5m-760kc), Farm feature.

11 10 9 KMMJ (228.9m-1310kc), Poultry talks.

1 p.m. 12 11 WCCO (416.4m-720kc), Farm hour.

1:10 12:10 11:10 10:10 WMAQ (447.5m-670kc), Prairie Farmer farm 1:13 WHO (526m-570ke), Radio Farm school 1:15 12:15 11:15 10:15 WEAO (293.9m-1020kc), Farm flash, crops and WTAW (270.1m-1110kc), Important agricultural news; hog business. 1:30 12:30 11:30 KMA (461.3m-650kc), Agricultural aid. 1:35 12:35 11:35 10:35 KSAC (340.7m-880kc), Jan. 4, Corn varieties, sweet clover; Jan. 11, sweet clover, liming. 1:40 12:40 11:40 10:40 KFJF (260.7m-1150kc), Stafe farm talks. 1:45 12:45 11:45 10:45 WOI (270m-1110ke), "Animal Husbandry." 2 Constant Australia Constant 6:20 5:20 4:20 WDBO (239.9m-1250kc). Farm talk. 6:40 5:40 4:40 3:40 WGHP (270m-1110kc), U. S. Farm school. 6:45 5:45 4:45 3:45 WGY (379.5m-790kc), Agricultural program. 7:10 6:10 5:10 4:10 WEAO (293.9m-1020kc), Plant diseases. 7:30 6:30 5:30 4:30 KSO (405.2m-740ke), U. S. Farm school. 8 (408.2m-740kc), U. S. Farm school.

8 (KOIL (305.9m-980kc), U. S. Radio Farm school.

KYW (535.4m-560kc), American Farm Bureau
Federation

WAMD (243.8m-1230kc), U. S. Farm school.

8:30 5:30

WTAW (270.1m-1110kc), Jan. 4, Poultry, pruning the orchard; Jan. 11, poultry, orchard insects and diseases. 9:30 8:30 7:30 6:30 KOA (322.4m-930kc), Farm question box. 10:10 9:10 8:10 7:10 WOAW (526m-570kc), Poultry, pig troubles.

Wednesday

Eastern Central Mountain 10:30 a.m. 9:30 8:30 WFI (394.5m-760ke), Farm feature. 11:50 10:50 9:50 KFNF (461.3m-650kc), Poultry talk, 1:10 p. m. 12:10 11:10 10:10 WMAQ (447.5m-670kc), Prairie Farmer farm talks.

Eastern Central Mountain
1:13 p. m. 12:13 11:13
WHO (526m-570kc), Radio Farm school. 1:15 12:15 11:15 10:15

WEAO (293.9m-1020kc), Farm fash, poultry.
WTAW (270.1m-1110kc), Farm topics, dairying.
1:30 12:30 11:30 10:30

KMA (461.3m-650kc), Agricultural aid.
WFAA (475.9m-630kc), Sears-Roebuck agricultural program. 1:35 12:35 11:35 10:35 KSAC (340.7m-880kc), Jan. 5, Breeding; Jan. 12, Ideas and Profits on the Farm. 1:40 12:40 11:40 10:40 WLW (422.3m-710kc), U. S. Radio Farm school 1:45 12:45 11:45 10:45 WOI (270.1m-1110kc), Poultry husbandry. 2 1 12 11
WSB (428.3m-700kc), Georgia State college 6:40 § 5:40 4:40 3:40 WGHP (270m-1110kc), U. S. Farm school 6:45 5:45 3:45 WGY (379.5m-790kc), WGY Agricultural pro-7:10 6:10 5:10 WOC (483.6m-620kc), Poultry talk. 7:30 6:30 5:30 4:30 WLW (422.3m-710kc), Farm Bureau Federation talk. 7:35 6:35 5:35 KSAC (340.7m-880kc), Dec. 15, Long Range Forecasts, KSO (405.2m-740kc), U. S. Farm school. 8 7 6 5 WAMD (243.8m-1230kc), U. S. Farm school. WOS (440.9m-680kc), Radio Farm school. 8:27 7:27 6:27 5:27 KOA (322.4m-930kc), Radio Farm council. 8:35 7:35 6:35 5:3 WCCO (416.4m-720kc), Farm talk, WOOD (241.8m-1240kc), U, S. Farm school. 12 m. 11 10 9 KGO (361.2m-830kc), U. S. farm program.

Thursday

Friday Eastern Central Mountain 7:30
WFI (394.5m-760kc), Farm feature.
11:50 9:50 8:50
KFNF (461.3m-650kc), Poultry talk.
1 p.m.
1 WCCO (416.4m-720kc), Farm hour.
WLS (344.6m-870kc), R. F. D. dinnerbell program.
WEAO (293.9m-1020kc), Farm flash, dairying.
1:10
WMAQ (447.5m-670kc), Prairie Farmer farm talks. WMAQ (447.5m-670kc), Prairie Farmer farm falks 1318
11:13
WHO (526m-570kc), Radio Farm school.
1:15
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WTAW (270.1m-1110kc), Farm talks; Jan. 7.
nilo maize; Jan. 14, Deanuts,
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11: WTAW (270.1m-1110kc), Farm topics.

2 1 12

WSB (428.3m-700kc), Georgia State college farm course.
6:40

WGH9 (270m-1110kc), U. S. Farm school.
6:45

WRVA (256m-1170kc), Uncle Sam's farm flashes.
6:20

WDBO (239.9m-1250kc), Agricultural economist.
7

WTIC (475.9m-630kc), Farm course, Agricultural college.
7:45

KSO (405.2m-740kc), U. S. Farm school.
80 (305.9m-980kc), U. S. Farm school.
81 (305.9m-980kc), U. S. Farm school.
83 (305.9m-980kc), U. S. Farm school.
84 (305.9m-980kc), U. S. Farm school. 

9 KOA (322.4m-930ke), Aggie Kickoffs.

KSD, WJAR, WTAG, WCAE, WTAM, WOC, WFI, Atwater Kent radio hour, contralto Louise Homer, contralto Louise Homer Stres, soprano 'Ouis E-r Homo' from Stabat Mater....Rossini Louise Homer, Louise Homer Stires, orchestra.

a. Father in Heaven, Haendel b. In the Time of the Roses... Reinhart Louise Homer Louise Homer

Louise Homer c. My Heart Ever Faithful.

c. My Heart Ever Faithful.

Louise Homer and orchestra a, Would God I Were a Tender Apple Blossom.

Louise Homer and orchestra a, Would God I Were a Tender Apple Blossom.

Dearest. Sidney Homer C. Swiss Echo Song C. Eckert d. Abide With Me. Traditional Louise Homer Stires a, What Is Love.

Rudolph Ganz b. The 'se that Jack Built Come Down to Kew. Sidney Homer C. Luther's Cradle Song. Traditional Louise Homer and accompanist a. Whispering Hope. May be the Mightingale Woke Me. Kjerulf Come Down to Kew. Carl Deis Last Night the Nightingale Woke Me. Kjerulf Come Bomer, Louise Homer and accompanist and accompanist Ruth Emerson, accompanist 6:30 KMA (461.3m-650kc) Rev. J. W. Todd and family. WFAA (475.9m-630kc) J. H. Bohannon, tenor. WGIBS (315.6m-950kc) Old time minstrels. 9:35 Si35 WLW (422.3m-710kc) "Getting Acquainted with Beethoven." 9:50 Si35 Ti55 Si35 Kl. W (422.3m-710kc) string orchestra. 10 Si30 KPRC (296.9m-1010kc) Chippewa Indians. 10:30 KPRC (296.9m-1010kc) Canadian Red Jackets. WBAP (475.9m-630kc) Dick Lucke and his Texas botel orchestra. 11 10 9 botel orchestra, WRR (245.8m-1220kc) R. E. Shepperd, tenor. 12 11 10 9 KOIL (305.9m-980kc) Ray-O-Vac twins.

**SUNDAY, JANUARY 9** 

church, WRR (245.8m-1220kc) First Methodist church, 1 p. m. 12 11 10 RNX (336.9m-890kc) First Presbyterian church, 5 KNX (336.9m-890kc) First Presbyterian church.

**SUNDAY, JANUARY 9** Headliners

Central Mountain 5 p. m. 4 3 2 WSB (428.3m-700kc) Hamilton Street Methodist church choir. church choir, 5:30 3:30 3:30 2:30 WilAS (399.8m-750kc) choral evensong service, 7 6 5 4 4 KNX (336.9m-890kc) Golden State band, 8:30 7:30 6:30 5:30 KOII. (305.9m-980kc) Dean Nordin and his orchestra. ROIL (309,948-980Kc) Dean Rotuin and in occhestra.

9:30

WFAA (475,9m-630kc) Willard B. Musc, tenor.

WGBS (315,6m-950kc) music drama.

10

RTIIS (374,8m-800kc) Music Lovers hour.

WSBC (288,3m-1040kc) Sea ballads, Ambrose Wyrick.

10:30

9:30

8:30

7:30

RNS (245,8m-1220kc) George N. Crothwaite.

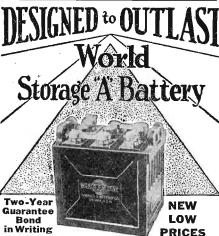
10:40

KNX (336,9m-890kc) Circle theater concert.

Regular Sunday Features Eastern Time Stations
CFCA Toronto, Can. (356.9m-840kc) 11 a. m. services;
7 p. m., St. Paul's Anglican church; 8:45, musical

program.

CKAC Montreal, Que., Can. (410.7m-730kc) Capitol theater symphony.



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#### **SPORTS**

Saturday, January 1

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

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

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

KDKA Pittsburgh, Pa. (309.1m-970kc) 6:30 p. m. KDKA Little symphony orchestra; 7:45, service. PWX Havana, Cuba (399.8m-750kc) 8:30-11:30 p. m. Cuban songs and music.

WBBR New York, N. Y. (416.4m-720kc) 10 a. m. music, choral singers; 2 p. m. Watchtower string quartet, vocal, Bible lecture; 8, Watchtower violin cholir, vocal selections.

WBZ Springheld, Mass. (333.1m-900kc) 10 a. m. services; 6:30 p. m. organ; 7, quartet; 7:30, program, 8, musical; 9, program.

WCAE Pittsburgh, Pa. (461.3m-650kc) 6:30 p. m. orchestra; 7:15, WEAF; 9:15, WEAF; 10:15, play.

WCAU Philadelphia, Pa. (277.6m-1080kc) 11 a. m. services, First Unitarian church; 5: recital; 5:15, Undenominational church services; 5:25, sermon, Rev. John W. Stockwell; 6:45, orchestra; 7:45, Cathay Garden orchestra; 8:30, Bonwit Teller Ensemble; 10, Al Zemsay's orchestra.

WCX Detroit, Mich. (516.3m-580kc) 7:15 p. m. Central Methodist Episcopal church.

WDBO Winter Park, Fla. (239.9m-1250kc) 11 a. m. church; 7:30, service; 9, musicale.

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. program; 7:20, musicale program from the Capitol theater, WEEI, KSD, WRC, WWJ, WJAR, WCAE, WTAG; 9:15, Atwater-Kent Radio hour, WEEI, WGR, WRC, WWJ, WSAI, WGN, WCCO, KSD, WIAR, WTAG, WCAE, WWJ, WSAI, WGN, WCCO, KSD, WEEI, Boston, Mass. (348.6m-860kc) 10:50 a.m. Old

talk.
WEEI Boston, Mass. (348.6m-860kc) 10:50 a. m. Old
South church; 2 p. m., program; 4, WEAF; 7:20,
WEAF; 9:15, WEAF; 10:15, B. F. Keith's theater. WGBS New York, N. Y. (315.6m-950kc) 9:30 p. m. Old Time minstrels; 10:30 symphony.

WGR Buffalo, N. Y. (319m-940kc) 10:45 a. m. service: 7:45, Central Presbyterian church; 9:15-10:15,

WHK Cleveland, Ohio (272.6m-1100kc) 10 a. m. Bible association; 5 p. m. twilight musicale; 6, dinner prografn; 7:30, lecture; 8:45, program, WHN New York, N. Y. (361.2m-430kc) 6:30 p. m. Libby's Hotel orchestra; 11, orchestra; 12, The Playground.

WHN New York, N. Y. (361.2m-8308c) 6:30 p. m.
Libby's Hotel orchestra; 11, orchestra; 12, The
Playground.
WICC Bridgeport, Conn. (285.5m-1050kc) 10:50 a. m.
service; 2 p. m. Sunday afternoon concert.
WIP Philadelphia, Pa (508.2m-890kc) 7:15 p. m. evening service; 10, symphony.
WJAX Jacksonville, Fla. (336.m-890kc) 11 a. m.
service; 8-9, services.
WJR Detroit, Mich. (516.9m-580kc) 10 a. m. First
Baptist church; 10 p. m. special song service, First
Baptist church, 10 p. m. special song service, First
Baptist church, WJZ New York, N. Y. (454.3m-680kc) 11 a. m. and
7 p. m. Park Avenue Baptist Church Carillon; 7:20,
Hotel Ambassador trio; 8, musicale, WBZ; 9, Hotel
Commodore concert orchestra, WBZ, WGY; Godfirey Ludlow, violinist,
WKRC Cincinnati, Ohio (325.9m-920kc) 6:45 p. m.
Walnut Hills Christian church; 10, classical program; 11:15, Louisville Loons,
WLW Cincinnati, Ohio (422.3m-710kc) 11 a. m.
Seventh Presbyterian church; 3 p. m. organ; 7:30,
Seventh Presbyterian church; 3 p. m. organ; 7:30,
Seventh Presbyterian church; 8:30, Beethoven program; 8:50, Crosley concert orchestra,
WLWL New York, N. Y. (265.5m-1130kc) 10:25 a. m.
service; 3 p. m., WFBL; 7:50, service.
WMCA New York, N. Y. (340.7m-880kc) 6 p. m.
Romer's Homers; 7, Ernie Golden and his Hotel
McAlpin or-hestra; 9, Moment musicale; 10, Monte
Carlo orchestra.



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

WOO Philadelphia, Pa. (508,2m-590kc) 2:30 p. m. Sunday School musical exercises; 6, organ recital, Clarence K. Bawden, 7:30, service.

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

cert. WRC Washington, D. C. (488.5m-640kc) 11 a. m. service; 4 p. m. chapel; 6:50, vespers; 7:20, WEAF; 9:15, WEAR; On the control of the con

WSKC Bay City, Mich. (260.7m-1150kc) 11-12 noon WTAG Worcester, Mass. (545.1m-550kc) 7:20 p. m. WEAF: 9:15, WEAF.

WEAF; 9:15, WEAF.
WYAM Clevelaud, Ohio (389.4m-770kc) 11 a. m. service: 3 n. m. musicale; 6. Hollenden hotel orchestra; 7. Stillman theater orchestra: 8, services; 9:15. WEAF; 10:15, Austin Wylie's Vocalion Recording or

wear, 1013, 1020, orchestra, WWJ Detroit, Mich. (352.7m-820kc) 10 a. m. service; 3:30 p. m. Detroit News orchestra; 7:20, WEAF; 3:30 p. m. I 9:15, WEAF.

Central Time Stations

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

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

KFNF Shenandoah, Iowa (461.3m-650kc) 10:45 a. m. services; 2:30 p. m. Seed House song service; 3, headliner; 6:30, Golden Rule Circle; 7:30, services. RLDS Independence, Mo. (440.9m-680kc) 8:30 a, m. Bihle study; 11, Stone church; 3 p, m. Radio church; 6:30, vespers; 9:15, studio service.

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

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

day night club; 10:30-12, ballroòm.

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

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

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

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



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

Solphia Osina, plants, Boys. RyW Chicago, Ill. (535.4m-560kc) 11 a. m. Central church service; 4:30 p. m. Edwin Harper; 7-8:30, Sunday evening club; 9:30-11, classical concert. WBAP Fort Worth, Texas (475.9m-630kc) 11 a. m. First Methodist; 5-6 p. m. vesper services, Baptist seminary; 9:30-11, Sorin-White Texas hotel orches-

wBBM Chicago, III. (228m-1330kc) 8 p. m. Coon-Sanders Night Hawks; 9-12, frolic; 12, Nutty club; Coon-Sanders orchestra.

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

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

WDAF Kansas City, Mo. (365.5m-820kc) 3-4 p. m.

church; 7:45, Belden Avenue Baptist church.

WDAF Kansas City, Mo. (365.6m-820kc) 3-4 p. m.

Star's orchestra; 4-4:45, vespers.

WEBH Chicago, Ill. (370.2m-810kc) 10:35 a. m.

Seventh Church of Christ Scientist; 5-6 p. m. twilight musicale; 7-9, artists' program.

WEMC Berrien Springs, Mich. (315.6m-950kc) 11 a. m.

studio sacred services; 8:15 p. m. chapel.

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

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

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

WGN Chicago, III. (302.8m-990kc) 6:45-7 p. m. Blackstone string quintet, solo artists; 7, The Million
Sing; 7:20, Old Fashioned Almanack; 7:30, Drake
concert ensemble; Correll and Gosden; 8, Auld

Sandy; 8:15, WEAF; 9:15, Our Music Room; 10, Sam 'n' Henry; 10:10, Armand Buisseret, violinist; 10:20, Bible reading; 10:25, piano.
WHAD Milwaukee, Wis. (275.1m-1090kc) 3:15 p. m.
Turnverein concert.
WHAS Louisville, Ky. (399.8m-750kc) 10 a. m. services; 4:30-5:30 p. m. choral evensong.
WHB Kansas City, Mo. (365.6m-820kc) 9:40 a. m.
Linwood Blyd, Christian church; 17:10-12:30, Independence Blyd, Christian church; 17:45, Dr. Burris, A. Jenkins; 8-9, Westport Methodist church; 11:15-1, Morrill Moore, organist; Don Anchors, poet.
WHO Des Moines, lowa (526m-570kc) 11 a. m. service; 5-6 p. m. Bankers Life Little symphony; 7:30-8:15, orchestra; 11:12, musical program.
WHT Chicago, III. (399.8m-750kc) 1-12 midnight, Faul Rader.

Paul Rader, WJAZ Chicago, Ill. (329.5m-910kc) 4:30-9 p. m. Sun-

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

WJD Mooseheart, III. (370.2m-810kc) 7:45-8:45 a. m.
Catholic services; 9:30-10:30, Protestant services; 1-2 p. m. Howard Peterson, 102. Protestant services; 1-2 p. m. Howard Peterson, 102. Protestant services; 1-2 p. m. Howard Peterson, 103. Protestant services; 1-2 p. m. Howard Peterson, 103. Protestant services; 1-15 p. m. Herbert Johnson, III. (302.8m-980kc) 5-6:15 p. m. Herbert Johnson, III. (302.8m-980kc) 5-6:15 p. m. Herbert Johnson, III. (302.8m-980kc) 10:45 a. m. University of Chicago service; 12:15, Elsie Mae Look, organist; 1-i:30, trio; 1:30-2:30, chapel service; 6-8, WLS Little Brown church.

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

WMC Memphis, Tenn. (499.7m-600kc) 1-2 p. m. old

service.

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

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

WORD Chicago, III. (275.1m-1090kc) 10 a. m. 1. B. S. A. service; 2:30 p. m. Chicago Rapid Transit company program; 3:30, Bible lecture; 7, Webster hotel duo orchestra; 9, I. B. S. A. choral singers. WOW Omaha, Nebr. (526m-570kc) 9 a. m. Oma a Gospel tabernacle; 1:30 p. m. Father Flanagan's Boys' home period; 6, Bible study; 9, chapel service. WQJ Chicago, III. (447.5m-670kc) 10:45 a. m.-12:45 p. m. People's church; 5-6, musical program; 10-11, popular program; Rainbo Gardens orchestra; Jack Klein, Adelaide Kerkoff, Harry Geise. WRR Dallas, Tex (245.8m-1220kc) 11 a. m. service; 8 p. m. service; 9:30, program.
WSB Allanta, Ga. (428.3m-700kc) 5 p. m. sacred concert; 3, services.
WSBC Chicago, III. (288.3m-1040kc) 5-7 p. m. Sundat concert; 9:1, concert.
WSM Nashville, Tenn. (282.8m-1060kc) 10:30 a. m. service.

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

7:45, church service.

Pacific Time Stations

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

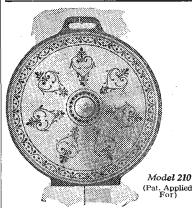
KFWB Hollywood, Calif. (252m-1090kc) 9-11 p. m. Warner Brothers Suuday night movie frolic.

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

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

KGW Portland, Ore. (491.5m-610kc) 11 a. m. church;
 7:30-9 p. m. church;
 9:10, symphony orchestra.
 KHJ Los Angeles, Calif. (405.2m-740kc) 7-8 p. m. service, First M. E. church;
 8:10, Request program by Orpheus Four male quartet and Frederick MacMurray, viola soloist.

Windsor Wall or Table Type Cone Speaker Amazes Radio World



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



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



Horn Loudspeaker and the 18-inch sor Moulded Composition Windsor Cone Loudspeaker. The top is 30 in. x 17 in. and stands 29 in. high. Plenty of battery and equipment space Price, finished in Mahogany or Walnut (West of Rockies, \$55) Rear view at left shows large compartment with ample space for batteries, battery charger, or battery eliminator, which are entirely concealed from view. Back is open for ventilation of batteries.

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



Model 20 with Cone

Loudspeaker Ready for Set and Batteries (West of Rockies, \$35)

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Model 200 with 22-inch Cone Loudspeaker



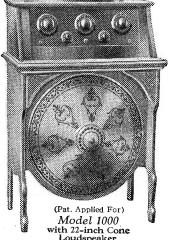
Windsor Cone and Horn Loudspeakers and Loudspeaker Consoles so far surpasses anything heard heretofore that it amazes and delights every radio enthusiast. The Windsor Line is so complete that everyone can find in it a loudspeaker, loudspeaker table, or loudspeaker console exactly to fit their particular needs.

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## FURNITURE COMPANY

CHICAGO, ILLINOIS 1418 Carroll Avenue Los Angeles Branch-917 Maple Avenue

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

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

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

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

Sunday, silent night for: CKAC, CKNC, CNRW, FDY, KFXF, KI,X, KMA, KOB, KSWC, KWWG, AHG, WCFL, WCOA, WDAF, WEBJ, WFI, GBF, WCHS, WGHP, WHAD, WHAS, WJJD, JR, WLIT, WLAU, WMAQ, WMC, WNYC, WOI, COO, WOOD, WOR, WSMB, WRVA, WSWS, TIC.

#### MONDAY, JANUARY 3

MOND	AI, JA	ANUAK	IS
Eastern	Central	Mountain	Pacific
6 p. m.	5	4	3
WGBS (315,6m			ŭ
7:15 WTIC (475,9m	6:15	5:15	4:15
7:30 KSO (405.2m-	6:30	5:30	4:30
music, WFAA (475.9t		•	
ukulele.	_		
8	7	. 6	. 5
CHIC (356.9m- WCOA (252m-	-690kc) Amp -1190kc) U.	Ison Little sy S. Naval ai	mphony, r station
band. WGR (319m-94 WTIC (475.9m	Okc) Fredro	singing societ	y.
8:30	7:30	6:30	5:30
WBAP (475.9r	n-630kc) sou	ng shon	3:30
9	8	7	6
WCOA (252m-	-1190kc) W	V Fauria.	vocalist
WJAR (485m-6 WLW (422.3m-	618kc) Color	ial entertaine	rs.
WLW (422.3m	-710kc) Sync	hronized orche	estra.
	n-1220kc) (	Corrinne Bri	gnardello,
soprano.	0.00		
9:20 WCOA (252m-	8:20	7:20	6:20
0.20	0.20	7.20	0.20
KPRC (296,9m	-1010kc) Dr	Farle I Sha	v tenor
WHAD (275.1r	n-1090kg) Ai	las quartet	ty, tenor.
WRVA (256m-	1170kc) Mar	y Patteson, ;	rtist en-
semble.			
9:45 KPRC (296.9n	8:45	7:45	6:45
KPRC (296.9n	1-1010kc) Ri	ichard Shanno	on, xylo-
phonist.			
9:50	8:50	7:50	6:50
WCOA (252m-	1190kc) Dr.	C. J. Heinber	g, violin-
ist. 10	9		-
KOIL (305.9m Gift," play.	1-980kc) "T	The Golden	Wedding
WCCO (416.4m	-720ke) Wal	ter Mallory f	anor
10:15	9:15	8:15	7:15
KOA (322.4m-9	930kc) Geins	from light	opera.
WHAD (275.1 lands.			distant
10:30	9:30	8:30	7:30
WBAP (475.9m	1-630kc) Graj	pevine fiddle b	and.
WRR (245.8m-	IZZUKC) Radi	o rost No. 40	4, Amer-
ican Legion. 11:30	10:30	9:30	0.20
WBAP (475,9n	n-630kc) I av	wrence Smith	8:30
12	11	10	9
CHIC (356.9m-	690ke) Georg	ge H. Grahan	ı, organ-
ist.			

#### MONDAY, JANUARY 10 Headliners

ist. KFI (467m-642kc) Loren Powell's Little sym-KOIL (305,9m-980kc) "Mose and Charley."

Eastern Central Mountain 7:30 p. m. 6:30 5:30 KSO (405,2m-740kc) concertina artist. company. WGBF (236m-1270kc) Castle of Air program.

Eastern Central Mountain 8:40 p. m. 7:40 6:40 WGBF (236m-1270kc) Gospel trio. 9 8 7 CHIC (356.9m-690kc) French Organdie orchestra. WCOA (252m-1190kc) Mrs. George Turner WCOA (252m-1190kc) Mrs. George Turner, whistler.
WRR (245.8m-1220kc) Magnolia Dallas band, 9:15 7:15
WCOA (252m-1190kc) lilting melodies. 9:30 7:30
WHAD (275.1m-1090kc) Moments with old masters. ters. 9:45 7:45 6:45 WCOA (252m-1190kc) Young Ladies chorus. 7 10 9 8 7 KTHS (374.8m-800ke) 10 p. m., folk songs of all 

#### **Educational Features** Monday

Lastern	Central	Mountain	Pacific
2:30 p. m.	1:30	12:30	11:30
2:30 p. m. WTAM (389.4m	-770ke) N	Iusic appreci	ation.
5:15 WMAQ (447.5n	4:15	3:15	2:15
WMAQ (447.5n	1-670kc)	Radiophan's	Guide to
6 WGN (302.8m-99 6:30 WNYC (526m-57	5	4	3
WGN (302.8m-99	90kc) "Co	rrect English	."
6:30	5:30	4:30	3:30
		nentary Germ	an lessons
V. H. Berlitz.			
7 WDAF (365.6m-	6	5	4
WDAF (365.6m-	820kc) Sc	hool of the A	Air.
WINYC (526m-5)	(Uke) Ad	vanced Germ	an teccone
7:15	6:15	5:15	4:15
7:15 WEAF (491.5m-	610kc) Co	lumbia Unive	ersity.
7:45 KDKA (309.1m-	6:45	5:45	4.45
KDKA (309.1m-	970kc) U	niversity of	Pittshurgh
Jan. 3, "Hobb	ies." Dr.	John G. Boy	gman
7:55	6.55	5:55	4.55
WDBO (239.9m- 8:30	1250kc) B	college	4.00
8 - 30	7:20	C.20	r. 20
WILAZ (379.5m-	790kg) E	duantional ad	3:30
WSUI (483.6m-6	20kg) II	of Town cour	uress.
9:30 KOB (348.6m-86)	0130 01-01 N 3	1:30	6:30
LOD (248.0III-00)	oke, N. i	Mr. State COII	ege.

#### Regular Monday Features Eastern Time Stations

CFCA Toronto, Can. (356.9m-840kc) 6:15 p. m. dinner concert; 7:15, organ recital, Clifford McCormick. KDKA Pittsburgh, Pa. (309.1m-970kc) 8 p. m. feature; 9, light opera, WABC New York, N. Y. (315.6m-850kc) 7:30-10 p. m.

program.

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

WBZ Springfield, Mass. (333.1m-900kc) 7 p. m. organ; 7:30, talk; 8, orchestra; 8:30, trio; 9, band; 9:30, feature; 10:03, music. WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. William Penn hotel orchestra; 7:45, talks; 8, dance music;

Penn hotel orthestra; 7:45, talks; 8. dance music; 9-11, WEAF; 11, Zez Confrey's orchestra.

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

Parodians' dance orchestra, WCX Detroit, Mich. (516,9m-580kc) 6-7 p. m. dinner program, Goldkette ensemble; 8, studio program. WDBO Winter Park, Fla. (239,9m-1250kc) 8:55 p. m. citrus talk; 9:10, musicale.



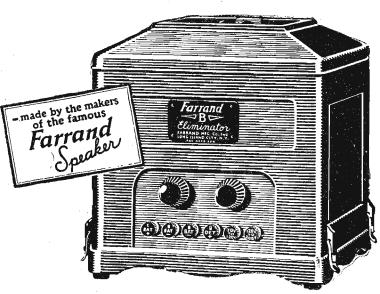
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# Farrana ELIMINATOR

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

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

WEEI Boston, Mass. (348.6m-860kc) 6:45 p. m. Big Brother club; 8, book talk; 9-10, WEAF; 10, music, WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. Adel-phia French Room orchestra.

WGBS New York, N. Y. (315,6m-950kc) 6 p. m. trio.

WGHS New York, N. Y. (315.6m-390kc) 6 p. m. trio.

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

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

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

dimer music, 8:30, misicate; 9:40, dance program, WQf; 11-1, supper mu.ic.
WGY Schenectady, N. Y. (379.5m-790kc) 6:30 p. m. dimer music, Hotel Van Curler.
WHAZ Troy, N. Y. (379.5m-790kc) 8-12 mid., music, talks

WHAZ 1roy, N. 1. (373-3m-790kc) 5-12 mat., music, talks.

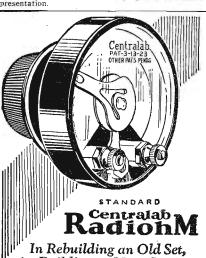
WHK Cleveland, Ohio (272.6m-1100kc) 7-9 p. m. specialty night; 9-10, studio concert; 10-10:30, Whozit; 10:30-11:30, Meledy Masters.

WHN Radio Movie club: 7:30, Meledy bandbox; 8:30, Roseland dance orchestra; 10:30, orchestra; 11; entertainers; 11:30, Cotton Club orchestra; 12; Silver Slipper orchestra.

WICC Bipper orchestra.

WICC Bipper orchestra.

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



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

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

WJR Detroit, Mich. (516.9m-580kc) 7 p. m. Jean Goldkeite's Petite symphomy orchestra, soloists; 7:15, Caspar Lingenian entertainers; 7:45, God Will Oakiand and Chici Pontiac; 9, studio program.

Will Oakiand and Chief Pontiac; 9, studio program.

WJZ New York, N. Y. (454.3m-660kc) 7, p. m.

Hotel Commodore concert orchestra; 7:55, John B.

Kennedy; 8, Markel's dance orchestra; 8:30, Willys

Overland; 9:30, Thayer West Point Cavaliers;
10:30, Waldorf-Astoria grill dance orchestra.

WKRC Cincinnati, Ohio (422.3m-710kc) 6:15 p. m.

Ilotel Alms orchestra; 8, musicale.

WLIT Philadelphia, Pa. (394.5m-760kc) 7:55 p. m.

Salicon weatherman; 8, WEAF; 10, WEAF; 11,

dance orchestra.

dance orchestra.

WLW Cincinnati, O. (422.3m-710kc) 7 p. m. Robert
Visconti's orchestra; 7:40, Visconti's orchestra; 8,
program; 10, nusicale; 11, studio program;
WLWL New York, N. Y. (288.3m-1040kc) 8 p. m.
musicale; 8:30, McEvoy concert; 9, question box;
10 music

WMAK Buffalo, N. Y. (265.5m-1130kc) 6:15 p. m. dinner music; 7:30, dance program; 8:30, travelog. WMCA New York, N. Y. (340.7m-580kc) 7-11 p. m.

wNYC New York, N. Y. (526m-570kc) 6 p. m. Piano selections; 6:20, piano selections.
WOO Philadelphia, Pa. (508.2m-590kc) 11 a. m. Organ recital; 12:02 p. m. Tea Room orchestra; 5:15, organ recital; 7:30. Sylvania dance orchestra; 8, organ recital, Mary E. Vogt; 8:30, address, Rev.

Forest E. Dager; 9, concert; 10:30, Sam Brown's dance orchestra.

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

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

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

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

WSAI Cincinnati, Ohio (325.9m-920kc) 6:45 p. m. quintet; 7:30-11, WEAF; 11, dance music. WSKC Bay City, Mich. (260.7m-1150kc) 9-11 p. m. dance music.

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

WTAM Cleveland, Ohio (389,4m-770kc) 6 p. m. Guy Lombardo's Royal Canadians; 7, Allen Theater or-chestra; 8, orchestra; 9, WEAF; 10, Willard con-cert orchestra; 11, Emerson Gill and Bamboo Garden

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

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

#### Central Time Stations

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

KFAB Lincoln, Nebr. (340.7m-880kc) 5:30-6:30 p. m. Hotel Lincoln orchestra; 8:30-10:30, musicale. KFNF Shenandoah, Iowa (461.3m-650kc) 7 p. m. Seed concert: 11, old time music.

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

Faribam tro.

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

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

KPRC Houston, Texas (299.8m-1000kc) 7:30 p. m.
 Houstoniaus; 8:30, concert; 9, studio concert.
 KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. old-

time music.
KTHS Hot Springs National Park, Ark. (374.8m800kc) 9-11:20 p. m. musicale.
KVOO Bristow, Okla. (374.8m-800kc) 6-7 p. m. Warner trio; 7-8, quartette: 8-9, Luckey's orchestra;

ner trio; 7-8, quartette; 8-9, Luckey's orchestra; 12, Earl Thurston, organist.

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

WCCO Minneapolis-5t. Paul, Minn. (416.4m-720kc) 6:15 p. m. St. Paul hotel orchestra; 8, U. of Minn,; 9, Vagabonds; 10:10, dance program; 11:30, organ, Flsie Thomuson.

Y VARADOMAN, AND THE STREET OF THE STREET OF



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WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. School of the air; 8-9, WEAF; 9-10, WEAF; 11;45-1 School of the air; 8-9, WEAF; 9-10, WEAF, 7-10, Nighthawk trolic.
WEMC Berrien Springs, Mich. (315.6m-950kc) 8:15 p.
m. Lighthouse Music Makers.
WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30
orchestra; 8:30-9:30, Sears-Roebuck Agricultural
Foundation program.
WGBF Evansville, Ind. (236m-1270kc) 7 p. m. radiograph; 7:20, children's program; 7:40, Gospel trio; graph; 7:20, children's program; 7:40, Gospel trio; 8, studio program; 9, orchestra.

WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. organ recital; 8:30, headliner; 9:15, old favorite hour, strong trio; 9:45, popular program.

WHB Kansas City, Mo. (365.6m-200kc) 7 p. m. Sweeney Radio orchestra.

WHO Des Moines, Iowa (526m-570kc) 7:30-8 p. m. mutsic: 8-9, dance orchestra: 11-12. dance program.

WHB Kansas City, Mo. (368.sm-220sc) 7 p. m. Sweeney Radio orchestra.
WHO Des Moines, towa (526m-570kc) 7:30-8 p. m. music; 8-9, dance orchestra: 11-12, dance program.
WLS Chicago, Ill. (344.6m-870kc) 5:40 p. m. Al Melgard, organist; 6. supperbell program; 6:40, Maurie Sherman's College Inn orchestra.
WMC Memphis, Tenn. (499.7m-600kc) 8:30 p. m. Briting Melody Makers.
WOOD Grand Rapids, Mich. (241.8m-1240kc) 9 p. m. popular program; 9:30, band; 9:45, Wood Revelers; 10, Woods, Whozit; 10:10, piano recital; 10:20, specialty; 11, air mail hour; 12, woodpile.
WOQ Kansas City, Mo. (278m-1080kc) 6:15 p. m. Unity Inn orchestra.
WS Jefferson City, Mo. (440.9m-680kc) 7:30 p. m. Missouri music appreciation contest; 8, program. WOW Omaha, Nebr. (526m-570kc) 6 p. m. Joe Bauer and his Highway Gardens orchestra; 6:50, classical; 9, Nash-finch orchestra.
WRR Dallas, Tex. (245.8m-700kc) 8 p. m. Sears Rochuck program; 10:45, program.
WSMB New Orleans, La. (319m-940kc) 8:30 p. m. dance night; 11:30, Radio varieties.
WSOE Milwaukee, Wis. (245.8m-1220kc) 7 p. m. program; 8, Whozit.

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

Pacific Time Stations
KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. Owen Fallon's Californians; 8-9, popular program; 9-10, program, Walter M. Murphy Motors Co.; KPO: 10-11, program by Meiklejohn Brothers.
KFWB Hollywood, Calif. (252m-1190kc), 6-7 p. m. Pontiac dinner hour; 7:50, news; 9-10, pragram; 10-11, warner Br. frolic.
KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Ben's Little symplony; 8-9, Gondoliers; 9, "Chats about New Books." Joseph Henry Jackson.

KGW Portland, Ore. (491.5m-610kc) 7:45-8 p. m. talk; 8-9, valudeville; 10-12, dance music. KJR Seattle, Wash. (384.4m-780kc) 6:30 p. n. dinner hour; 8-8:30, program; 8:30-10 program. KLX Oskland, Calif. (508.2m-590kc) 8-9 p. m. Studio program, Piggly Wiggly company; 9-10, Lake Merritt Ducks.

program, Piggly Wiggly company; 9-10, Lake Mentit Dicks.

KMTR Hollywood, Calif (370,2m-810kc) 8-10, program; 10-12, Palais de Danse, KNX Hollywood, Calif. (338,9m-890kc) 7:30 p. m. playlet; 8, program; 9, feature; 10, Alexandria hotel orchestra; 11, frolic.

KPO San Francisco, Calif. (428,3m-700kc) 6:33-7 p. m. States Restaurant orchestra; 7-7:30, Rudy Seiger's Pairmont hotel concert orchestra; 8-9, music; 9-10, Gypsy and Marta; 10-11, Mandarin cafe orchestra; 1-12, variety hour.

KWSC Pullman, Wash. (348,6m-860kc) 7:30 p. m. Students concert.

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

#### TUESDAY, JANUARY 4 Headliners

Central Mountain Eastern Central Mountain Pacific 7.p.m. 6

WEAF (491.5m-610kc) Fox and Tucker, violinist. WEBJ (272.6m-1100kc) Elite orchestra. WLW (422.3m-710kc) American composer series. WRR (245.8m-1220kc) Texas Nite Owls. 7:15

WHAD (275.1m-1090kc) Myrtle Kramer, violinist. 7:30

WFAA (475.9m-630kc) John Davis, pianist. 7:30

WFAA (475.9m-630kc) Fields Blue Boys. 7:45

WEBJ (272.6m-1100kc) Tindaro Cicero, tenor. 6

WEBJ (272.6m-1100kc) Tindaro Cicero, tenor. 6

WEBJ (374m-802kc) Dedicated to the Heroes, Overture to Egmont, Ludwig Von Beethoven; Marche Funebre from Eroica Symphonie, Ludwig Von Beethoven; Entry of the Boyars, Johann Halvorsen; War March of the Friests, Felix 
 Mendelssohn;
 March March Militaire,
 Franz Schubert;

 Marche Slave,
 Peter Tschaikowsky.

 WTIC (475.9m-630kc)
 McCoy's Music Masters.

 8:15
 7:15

 WEBJ (272.6m-1100kc)
 Joseph Zahlow, baritone.

 8:30
 7:30

 KPRC (296.9m-1010kc)
 Kensington Hall orchestra

Tra. WBAP (475.9m-630kc) Kensington Hall orenestra. WBAP (475.9m-630kc) Wagoner Hawaiian trio. WEBJ (272.6m-1100kc) Alamo dance orchestra. WHAS (399.8m-750kc) Carl Zoeller's Melodists. WOC (483.6m-620kc) Silver King orchestra. 9 8 7 6 WCBD (344.6m-870kc) Brass quartet. WLW (422.3m-710kc) Formica orchestra. 10:30 9:30 8:30 7:30 WBAP (475.9m-630kc) CC's concert ensemble. 10:35 9:35 8:35 7:35 KPRC (296.9m-1010kc) Earl McMahan's orchestra.

#### TUESDAY, JANUARY 11 **Headliners**

Eastern Central Mountain Pacific 7 p. m. 6 5 5 4 4 WEAF (491.5m-610kc) William Lawlor, bartone. WRR (245.8m-1220kc) Marguerite Fifer and her 7:45 WEBJ (272.6m-1100kc) Dorothy Eisenstadt, so-WEBJ (272.6m-1100kc) Borothy Eschstaut, soprano.

8 WRNY (374m-802kc) Laugh and the World Laughs, Overture to the Secret of Suzanne, Ermanno Wolf-Ferrari; Melody of Gilbert and Sullivan Gems; Die Fledermaus, Johann Strauss; comic opera artist; carnival of Venice, David Robinson, violinist; Dance of the Clowns, Vladimir Rebikov; Danse Chinoise, Peter Tschaikowsky; Marche Joyeuse, Emanuel Chabrier, 8:15 WEBJ (272.6m-1100kc) Carl Corbalis, baritone, 8:30 WBAP (475.9m-630kc) Hawaiian trio.

WEBJ (272.6m-1100kc) Eert McGrath, songs.

#### WRR (245.8m-1220kc) Harry Sory's entertainers. Educational Features Tuesday

Central Mountain

WHAS (399.8m-750kc) Eddie Rosson and his or-

Eastern Central Mountain Pacific 6p. m. 6 y. m. 6 y. m. 6 sol 6 so WEEI (348.6m-860kc) Jan. 4, John A. Cousens, Pres. of Tufts; Jan. 11, Ada Comstock, Pres. of Radcliffe college. 7:45 5:45 4:45 KDKA (309.1m-970kc) U. of Pittsburgh, Jan. 4, "Gold," E. G. Hill. "Gold," E; G. Hill.

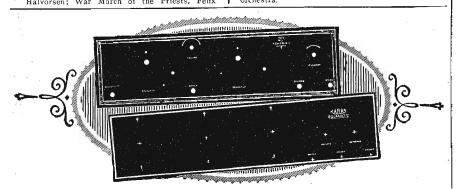
KSAC (340,7m-880ke) Jan. 4, "The Duckbill,
Kangaroo and Opossum," Dr. Nabours; Jan. 11,
"Fur Bearing Animals," Earl Herrick.
9:10 6:10

WMAQ (447.5m-670kc) University of Chicago. 10 9 8 7 WMAQ (447.5m-670kc) Glimpses into foreign service. WJZ (454.3m-660ke) WGY (379.5c-790ke) Cook's

#### Regular Tuesday Features

tours.
10:30
10:30
KFMX (336.9m-890kc) Jan. 4, "The Transmission of Disease;" Jan. 11, "Disinfection."

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



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deal of space is wasted between the cells. The Layerbilt is built up of layers of flat current-producing elements, that make connection with each other automatically, and that fill all available space inside the battery case. It is every inch a battery. In it you get more active materials than in any other battery and the Layerbilt construction makes those materials more efficient.

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Tuesday night is Eveready Hour Night-9 P. M., Eastern Standard Time, through the following stations:

WEAF-New York
WJAR-Providence
WEEI-Boston
WTAC-Worcester
WFI-Philadelphia
WGR-Buffalo
WCAE-Pittsburgh wsai-Cincinnati

WTAM-Cleveland
WWJ-Detroit
WGN-Chicago
WOC-Davenport
WCCO { Minneapolis
KSD-St. Louis KSD-St. Louis WRC-Washington

WBBR New York, N. Y. (416.4m-720kc) 8 p. m. WBBR New York, N. Y. (416.4m-720kc) 8 p. m. broggram.
WBZ Springfield, Mass. (333.1m-900kc) 7 p. m. organ: 7.30, features; 10:20, orchestra.
WCAE Pittsburgh, Pa. (461.5m-650kc) 6 p. m. dinner concert; 7:45, talks; 8, WEAF; 8:30, feature; 9, WEAF; 10, bridge; 10:39-1, orchestras.
WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg instrumental trio; 8:15. Gurnse Buttermaker; 8:30, recital; 9, Montbard Follies; 9:30. Robert Fraser, blind gospel singer; 10, Prof. Doolittle; 10:05, Chapman Elgart Syncopators; 10:15, tenor; 10:30, Cathay dance orchestra.
WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. dinner program, Goldkette ensemble: 10, Red Apple club. WDBO Winter Park, Fla. (239.5m-1250kc) 8, Rollins

WCK Detroit, Mich. (510.9m-580kc) 6-7 p. m. ainner program, Goldkette ensemble; 10, Red Apple club. WDBO Winter Park, Fla. (239.9m-1250kc) 8, Rollins conservatory trio; 9:20, bridge.

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. diner music; 7, headiner; 7:10, talk, Columbia University; 7:30, Great Moments in History; 8, The Vikings, WEEL, WFL, WCAE, WWJ, WGR, WTAM, WSAI, WJAR, WTAG, WOC, WCCO, WCSH, KSD; 8:30, Jolly Buckeye Bakers, WEAF, WTAM, WSAI, WJAR, WJA, WSAI, KSD, WLIB, WCCO; 9, Eveready hour, WEAF, WEEL, WFI, WTAG, WJAR, WGR, WCAE, WTAM, WWJ, WSAI, KSD, WKJ, WSAI, WGN, WOC, WCCO, KSD, WCC, 10, auction bridge instruction, WEAF, WEEL, WSJ, WSAI, WGR, WGAE, WTAM, WFI, WWJ, WSAI, WGR, WGAE, WTAM, WFI, WWJ, WSAI, WGN, WOC, WCCO, KSD, WCC, 10:30, orchestra, WFI, WWJ, WCAE, WGR, WGR, WCAE, WGR, WTAM, WCSII; 11:30, orchestra, WFI, WWJ, WCAE, WGR, WGR, WEAO, Columbus, Ohio (293.9m-1020kc) 7:35 p. m. musicale.

WEAU Columbus, Onio (250.5m-1200c) 7.30 p. m. imusicale:
WEEI Boston, Mass. (348.6m-860kc) 7:30 p. m. intercollegiate broadcast; 7:45, musicale; 8-8:30, WEAF;
8:30, musicale: 9-10:30, WEAF;
8:30, musicale: 9-10:30, WEAF;
8:30, WEAF;
9, WEAF; 10, Moment Musicale; 10:30, orchestra;
WGBS New York, N. Y. (315.6m-950kc) 7:20 p. m.
Arrowhead Inn concert orchestra; 8:30, talk; 8:30,
musicale; 10:30, Arrowhead Inn dance orchestra.
WGHR Clearwater, Fla. (265.5m-1130kc) 7 p. m. WGHB Clearwater, Fla. (265.3m-1130kc) 7 p. m dinner music; 8:30, Bakers; 10:30-12, dance pro-

gram.

WGY Schenectady, N. Y. (379.5m-790kc) 6:30 p. m.
dinner program, Ten Eyck hotel; 7:45, artist; 8,
WIZ; 9, musicale; 10, WIZ; 10:30-11:30, WMAK.
WHK Cleveland, Ohio (272.6m-1100kc) 6-7:30 p. m.
Hotel Statler orchestra; 7:30-8, Harmonists; 9-10,
orchestra

orchestra Vork, N. Y. (361.2m-830kc) 7 p. m. Ice-land orchestra; 7:30, music; 8. ensemble; 8:30, entertainers; 9. Prince Piotti; 9:30, orchestra; 11, Frivolity club; 11:30, Playground.
WICC Bridgeport, Conn. (232.4m-1290kc) 7 p. m. pro-

WIP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. dinner music; 7, Uncle Wip; 8, dramatic reviews; 8:25, science talk; 8:30-10:05, evening program; 10:05, Emo's weekly broadcast; 10:30, orchestra. WJAX Jacksonville, Fla. (336.9m-890kc) 7-7:30 p. m. dinner music; 7:30-9, popular program; 10-11, Casa de Baile

dinner music; 7:30-9, popular program, 10-14, de Baile.

VJR Detroit, Mich. (516.9m-580kc) 7 p. m. Jean
Goldkette's Petite symphony orobestra; soloists;

8, Board of Commerce, Mt, Clemens, Mich; 8:30,
Manuel Cigar girls.

VJZ New York, N.

Frank Dole; 7:15, Hotel Commodore concert orchestra; 8, Champion Spatk Plug hour, WGY, WRC;

9, E. A. White; 10, Cook's tour; WRC, WGY;

10:45, George Olsen's Pennsylvania Grill orchestra.

WKRC Cincinnati, Ohio (422,3m-710kc) 8 p. m. book review; 8:15, dance music; 9, program; 12, popular wLWL New York, N. Y. (288.3m-1040kc) 9 p. ni.

music.
WMAK Buffalo, N. Y. (265.5m-1130kc) 6:15 p. m. dinner music; 7:30 evening program; 10:30, musicale,
WGY, WHAM, WFBL; 12, Harold Rumsey, or-WMCA New York, N. Y. (340.7m-880kc) 7-11 p. m.

wMCA New York, N. Y. (340.7m-880kc) 7-11 p. m. ciub,
WOO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. Sylvania dance orchestra.
WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Bill
Wathey in sports; 6:30, Hotel Bretton Hall string
quartet; 8:30, organ; 9:15, New Jersey Laundry
Owners Association program; 11, Wadsworth's
Carlton Terrace orchestra.
WPG Atlantic City, N. J. (299.8m-1000kc) 7:15 p. m.
organ recital, Arthur Brook; 7:30, Hotel Morton
dinner music; 8:05, Rotel Shelburne dinner music;
8:30, concert; 9, Dual concert trio; 10, bridge;
10:30, studio program; 11, dance orchestra.

WRC Washington, D. C. (468.5m-640kc) 7 p. m. Raleigh hotel orchestra; 8, WJZ; 9, WEAF; 10, WJZ; 10:30-11:30, Meyer Davis' Swanee Synco-pators. pators, WSAI Cincinnati, Ohio (325.9m-920kc) 6 p. m. quin-tet: 7. quartet; 8, WEAF; 9, Bakers; 9-12, WEAF

WSOE Milwaukee, Wis. (245.8m-1220kc) 8 p. in. talk; 8:15, popular program; 9, Whozit.

WTAM Cleveland, Ohio (389.4m-770kc) 6:15 p. m. vaudeville; 8-11, WEAF; 11, Jade Room orchestra.
WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hotel Heublin trio; 7, evening program; 10, orchestra.
WWJ Detroit, Mich. (352.7m-850kc) 6 p. m. dinner concert; 8, WEAF.

Central Time Stations KFAB Lincoln, Nebr. (340.7m.880kc) 5:30-6:30 p. m musicale; 8:05-10:30, University of Nebraska, KFDM Beaumont, Texas (315.6m.950kc) orchestra, KFNF Shenandoah, 1a. (461.3m.650kc) 7 p. m. pro-

KFDM Beaumont, Texas (315.6m-950kc) orchestra. KFNF Shenandoah, Ia. (461.3m-650kc) 7 p. m. program. KMA Shenandoah, Ia. (461.3m-650kc) 9-11 p. m. May's Mandolin Musicians. KMOX St. Louis, Mo. (280.2m-1070kc) 6 p. m. dinner music; 7, program; 8, quartet; 9, soloists; 9:30, soloists; 10:15, orchestra; 12-1, frolic. KOIL Council Bluffs. Iowa (305.9m-980kc) 6 p. m. Warner Brother's program; 7, sudio program; 7:30, program; 8, program; 11, spark plugs 7:30 p. m. Warner Brother's program; 11, spark plugs 7:30 p. m. Warner Brother's program; 11, spark plugs 7:30 p. m. KPRC Houston, Tex. (299.5m-1000kc) 7:30 p. m. KPRC Houston, Tex. (299.5m-1000kc) 7:30 p. m. KYRC Houston, Tex. (299.5m-1000kc) 7:30 p. m. KYRC Houston, Tex. (299.5m-1000kc) 7:30 p. m. KVOO pritow. Okla. (374.8m-800kc) 7-8 p. m. KVOO crothestra; 9, bridge. National Park, Ark. (374.8m-800kc) 9-11 p. m. musicale. KVOO Britow, Okla. (374.8m-800kc) 7-9, Dinah; 12, Rough and Ready. KYWO Britow, Okla. (374.8m-800kc) 7-9, Dinah; 12, Rough and Ready. KYWO Britow, Dinah; 12, Rough and Ready. KYWO Chicago, III. (535.4m-560kc) 6:30 p. m. Joska DeBabary and his orchestra; Johnny Hamp and his orchestra; 7, Family hour; 8, American Farm Bureau F

Regue.
WCFL Chicago, Ill. (491.5m-610kc) 6 p. m. talks; 7, Brevoort trio; 8, Spinning Wheel hour; 10, Alamo orchestra; 11-12. entertainers.
WDAF Kansas City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 11:45-1, Nighthawk frolic.
WEBH Chicago, Ill. (370.2m-810kc) 7 p. m. classical hour; 9-11, Balaban and Katz Uptown theater musical hits.

hour; 9-11, palatoa, a...a 1-1-1. cal hits. WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30 p. m. musicale; 8:30-9:30, bridge game, selections; 11-12, musicale; 8:30-9:30, pringe game, percensis, orchestra.

WGBF Evansville, Ind. (236.lm-1270kc) 8 p. m. musical program; 9, classic hour.

WGN Chicago, Ill. (302.8m-990kc) 6:35 p. m. dinner concert, Drake concert ensemble; 8-9, WEAF; 9, Auction Bridge game; 9:30-10, WGN male quartet; 10, Sam 'n' Heury; 10:10, The Music Box; 10:20, musical program; 10:40-11, songs, Correll and Gosden.

tet; 10, Sam n. 10:40-11, songs, collection of the distribution of WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m.

WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m. concert.
WHB Kansas City, Mo. (365.6m-820kc) 7-7:45 p. m. organ coucert; 8, program.
WHO Des Moines, Ia. (526m-570kc) 7:30-8:30 p. m. 14th Cavalry band; 8:30-9, Paul Stoye, pianist; 11-12, dance program.
WHT Chicago, III. (399.8m-750kc) 6 p. m. Al Carney, organist, Bob York, Julie Juliens; 7:45 (238m-1250kc), Stuart Dawson, songs; 9:30 (399.8m-750kc), Bel Canto male quartet; 10, variety program, 12, Al and Pat.
WJAZ Chicago, III. (325.5m-910kc) 6:30-8 p. m. Shoreland liotel; 8-8:30, highlights; 8:30-9, Realty program; 9-12, diversified program.
WJD Mooseheart, III. (370.2m-810kc) 8-9 p. m. child artists; 11-1, Palmer House Victorians.
WLIB Chicago, III. (302.8m-980kc) 7-7:30 p. m. din-

WJID Mooseheart, III. (370.2m-810kc) 8-9 p. m. child artisis; 11-1, Palmer House Victorians. WLIB Chicago, III. (302.8m-990kc) 7-7:30 p. m. dinner concert; 7:30-8, WEAF; 11-12:15, Ruth Farley, organist; dance orchestra; songs.
WLS Chicago, III. (344.6m-870kc) 6 p. m. Supperbell; 6:40, Maurie Sherman's College Inn orchestra; 6:55, Tony's scrap book; 7, May and June; 10:30-12, organ; Maurie Sherman's College Inn orchestra; Jack Chapman's orchestra.
WMAQ Chicago, III. (447.5m-670kc) 6 p. m. organ; 6:30, orchestra; 8:10, musicale; 8:45, radiograph; 9:30, orchestra; 8:10, musicale; 8:45, radiograph; 9:30, orchestra; 11, midnight frolic.
WMAC Memphis, Tenn. (499.7m-600kc) 8:30 p. m. Hotel Gayoso orchestra; 11, midnight frolic.
WOAI San Antonio, Tex. (394.5m-760kc) 8:30-9:30, orchestra; 10 dexican players.
WCC Devemport, Iowa (483.6m-620kc) 7-7:30 p. m. WEAF; 9:30-10; Jective; 11-12, dance music.
WOAF; 9:30-10; Jective; 11-12, dance music.
WOOD Grand Rapids, Mich. (241.8m-1240kc) 8 p. m. studio program.

studio program. WOQ Kansas City, Mo. (278m-1080kc) 8-9:30 p. m

WOQ Kansas City, Mo. (470m-1000a), devotional music.
WOW Omaha, Nebr. (526m-570kc) 6 p. m. Henry Thornton, organist; 6:30, Lillian Madsen, popular entertainer; 6:50, Auction bridge; 9, popular and old time music; 10, orchestra.
WQJ Chicago, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; vocal selections; 10-2 a. m. Rainbo Gardens orchestra; froic. WRR Dallas, Tex. (245.8m-1220kc) 6 p. m. orchestra 8. entertainers.

WSAI Cincinnati, Ohio (325.9m-920kc) 6 p. m. quintet; 7. quartet; 8, WEAF; 9-10:30, WEAF; 10:30, program: 11, dance orchestra. WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. headliner 10.45, concert. 10:45, concert.
WSBC Chicago, Ill. (288.3m-1040kc) 6:30 p. m. dinner program; 7:15, travelog; 9-1, entertainers.

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

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. Howard's Quality serenaders; 8-9, grand opera program; 9-10, varied hour; 10-11, Azure Music club.

KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 8-9, news and studio program; 9-10 p. m. musicale; 10-11 p. m. Warmer Brothers frolic.

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

Stanislas Bem's Little symphony; 8-9, Pilgrims; 9. surprise broadcast.

KJR Seattle, Wash. (384.4m-780kc) 8 p. m. studio program; 8:30-10, program.

KNX Hollywood, Calif. (336.9m-890kc) 8 p. m. program; 9, musicale; 10, frolic.

KPO Los Angeles, Calif. (428.3m-700kc) 7-7:30 p. m. orchestra; 8-9 organ; 9-10, program; 10-11, orchestra; 11-12, Cabirians.

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

#### WEDNESDAY, JANUARY 5 Headliners

Eastern Central Mountain Pacific 6:45 p.m. 5:45 WSAI (325.9m-920kc) Lola Bruce Smith, pianist. 7:30 (405.2m-740kc) Eva Garrison, vocal num-WSAI (325.9m-920ke) Erich Sorantin, violinist. 8 KSO (405.2m-740kc) Alexander male quartet.
WEBJ (272.6m-1100kc) Raymond orchestra.
8:15 - 7:15 6:15 6:15 5:15
WRVA (256m-1170kc) Old hymns, melodian.
8:30 (399.8m-750kc) Virginia Vetter's entertainers. | WEBJ (272.6m-1100kc) | Wilson verter | Sentential Principles | Sentential Pr 6:15

10 KPRC (296.9m-1010kc) Max E. Shippee, croon-

10:15 9:15 8:15 KOA (322.4m-930kc) Rustic follies.

Eastern Central Mountain Pacifi 10:30 p. m. 9:30 8:30 7:3 WSAI (325,9m-920ke) Charles H. Partington, a cordion soloist. cordion soloist.
11 (467m-642kc) Virginia F9n, soprano.
11:30 9:30 9:30 8:30
WCCO (416.4m-720kc) Little Jack Little.
12 11 10 9
KGW (491.5m-610kc) Seventh U. S. Infantry.

#### WEDNESDAY, JANUARY 12 Headliners

Central Mountain Pacific 8 p. m. 7 6 5 KSO (405.2m-740kc) Shamburg band. WCOA (252m-1190kc) First Presbyterian church | Quartet. | WGR (319m-940kc) | Lucille Pascal. | 6:30 | 8:30 | 6:30 | WSUI (483.6m-620kc) | Cornell College band. | 7 9 8 7 6 WEBJ (272.6m-1100ke) Henry Tobias. 9:15 8:15 7:15 6:15 WEBJ (272.6m-1100ke) Bruce Severeide, guitarist. 9:30 7:30 6:30 WCCO (416.4m-720kc) Levin Craftsmen. WCOA (252m-1190kc) Mrs. J. W. Lamar, violinist. WRVA (256m-1170kc) "Memories," opera com-WRVA (256m-1170kc) pany.

10

WCOA (252m-1190kc) Anita O. Villar, vocalist.
WRVA (256m:-1170kc) Robert C. Hyde, organist,
10:15

9:15

8:15

7:15

KOA (322.4m-930kc) Little symphony orchestra.

#### Educational Features Wednesday

Sons.

KVOO (374.8m-800kc) Law lecture, U, of T. WDAF (365.6m-820kc) School of the Air.
WDAF (365.6m-820kc) School of the Air.
WNYC (526m-570kc) Advanced Spanish lessons.
7:30 6:30 4:30
KSAC (340.7m-880kc) Sociology.
KSAC (340.7m-880kc) Sociology.
KDKA (309.1m-970kc) University of Pittsburgh.
Story of Our Courts, Gustav L. Schramm.
7-ses 6-55 5:55 4:55 "Story of Our Courts," Gustav L. Schramm.
7:55
WDBO (239,9m-1250kc) Rollins college.
8 7 6
KSAC (340,7m-880kc) Jan. 5, Construction prohlems, road improvement; Jan. 12, wind resistance of automobile; types of roads.
8:10
WEAO (293,9m-1020kc) Dec. 15, "1s History Study Worth Wbile?" H. C. Hockett,
9-48 7-46 6-95 5-96 8:05 7:05 6:05 5:05 WOR (405.2m-740kc) N. Y. U., Child training.



have received the Roll-O
Battery Eliminator and
I'm graphy pleased with it.
We really pleased with it.
From the really pleased with it.

Detroit, Mich.

I received the Eliminator and

Ireceived the Eliminator and will say that its performance is all I could ask.

Martin Tower,

Waterman, Cal.

I have your "B" Eliminator and like it very much. So far it has given me very it has given me very d service. A. J. Marshall, Perth Amboy, N. J.

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Eastern Central Mountain Pa 8:30 p. m. 7:30 6:30 WSU1 (483.6m-620kc) U. of Iowa courses. 

Regular Wednesday Features Eastern Time Stations

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

KDKA Pittsburgh, Pa. (309.1m-970kc) 6:15 p. m. dinner music; 8, concert; 9, WJZ; 9, R. V. B. trio, PWX Havana, Cuba (399.8m-750kc) 8-10 p. m. Band concert; 10-12, orchestra. WABC New York, N. Y. (315.6m-950kc) 7:30-10 p. m.

program. WBZ Springfield, Mass. (333.1m-900kc) 7:30 p. m. nature league; 8, musicale; 9, WIZ; 9:30, musicale; WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. orchestra; 8, recital; 8:30-9:30, WEAE; 9:30, orchestra; 10, WEAF; 10:30, opera; 11:30, dance music. WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenburg recital; 8, popular program; 10, Cheerup club. up club. WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. Dinner program, Goldkette ensemble; 8-9 studio program. WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m. Chamber of Conumerce.

WDBO Winter Park, Fla. (229.9m-1250kc) 9 p. m. Chamber of Commerce.

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7. Synagogue Services by the United Synagogue of America; 7:30, United States Army band; WTAG, WJAR, WTAM, WTAC, 8. Salon concert, WJAR; 8:30, Davis Saxophone Octet, WJAR, WRC, WCAE, WEEL, WLIT, WCSH, WGR, WSAL; 9, Ipana Troubadours, WEEL, WGR, WRC, WCAE, WWJ, KSD, WCCO, WLIB, WSAL; 9:30, Moment musicale, WEEL, WGR, WCSH, KSD, WWJ; 10, Smith Bros., WTAG, WGR, WRC, WCAE, WVJ, KSD, WCC, WSAL, WCCO, WJAF; 10:30, WEAF, Light Opera company, WCAE; J0:30, orchestra; 11:30, Ben Bernie orchestra from the Hotel Roosewell.

WEAO Columbus, Ohio (293.9m-1020kc) 8:45 p. m. WEE1 Boston, Mass. (348.6m-869kc) 8 p. m. mu-sicale; 8:30-10, WEAF; 10, Joe Rines and his Palais

Royal orchestra.
WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m.
Adelphia dance orchestra.
WGHB Clearwater, Fla. (265.5m-1130kc) 7 p. m. dinner music; 8:30, program; 10:30-12, dance music.
WGHP Detroit, Mich. (270.1m-1110kc) 6 p. m. dinner concert, Hotel Tuller; 8-10, concert.
WGR Buffalo, N Y (319m-940kc) 8:30-10:30 WEAF. WGY Schenectady, N. Y. (379.5m-790kc) 7;30 p. m. Eastman theater; 8:15, musicale, WHAM; 10,

WHK Cleveland, Ohio (272.6m-1100kc) 7 p. m. orchestra; 8, studio concert; 9, quartet; 10, Whozit; 10:15,

music.

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

WICC Bridgeport, Conn. (232.4m-1290kc) 8 p. m. Melody Boys; 8:30, musicale club; 9:30, music. WIP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle

When the state of the state of

dance orchestra.

WKRC Cincinnati, Ohio (422.3m-710kc) 8:15 p. m.

Hotel Alms orchestra; 9, Everfresh program: 12,

"Hotel Alms orchestra; 9, Everfresh program: 12, dance music.
WLIT Philadelphia, Pa. (394.5m-760kc) 8 p. m. Concert orchestra; 8:30. WEAF; 9, Stanley theater four; 10, dance orchestra; 8:3m-710kc) 7 p. m. Robert Visconti's orchestra; 7:40, Robert Visconti's orchestra; 10, Heerman trio; 10:40, Pink of Programs; 11, organ recital; Johanna Grosse.
WLWL New York, N. Y. (288.3m-1040kc) 9 p. m. musicale.

musicale, WMAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. m. Eastman theater, WGY; 8:15, WHAM program; 9, musicale; 10, WFBL. WMCA New York, N. Y. (340.7m-880kc) 6:30 p. m. orchestra; 7:15, orchestra; 7:30, Finkenberg's Radio Franks; 9, Altshul's quartet; 12, McAlpin enter-

WNYC New York, N. Y. (526m-570kc) 6:10 p. m. Piano selections.

WOO Philadelphia, Pa. (508.2m-590kc) 7:30 p. m. orchestra; 8:10, lecture, Temple university; 8:30, concert; 10, Fox theater orchestra; 11, dance

orchestra.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey in sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, orchestra; 9, Studio Guild hour;

ensemble; 7:30, orchestra; 9, Studio Guild hour; 11, dance orchestra.

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

WRVA Richmond, Va. (256.3m-1170kc) 8 p. m. Headliners.

WSAI Cincinnati, Ohio (325.9m-920kc) 6:45 p. m. piano; 7:15, chimes; 7:30, Bosworth artist series; 10, WEAF; 10:30, studio; 11, dance orchestra. WSKC Bay City, Mich. (260.7m-1150kc) 9-11 p. m.

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

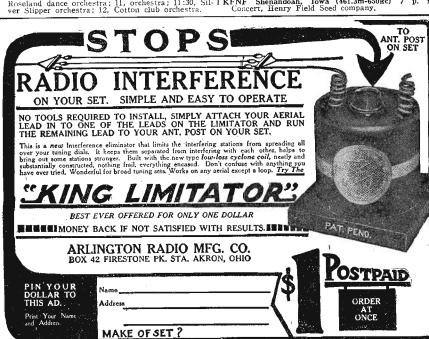
WTAG Worcester, Mass. (545.1m-550kc) 7 p. m. Powers Coal Miners: 7:30. program; 8, Bancroft hotel orchestra; 8:30, WEAF; 9, program; 10, WEAF.

WEAF.
WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. Collegian serenaders; 7:15, talks; 7:30, WEAF; 8, Public-Auditorium program; 11, Royal Canadians.
WWJ Detroit, Mich. (352.7m-820kc) 6 p. m. Dinner concert; 8, Detroit News orchestra; 9, WEAF; 10, WEAF;

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 9-10 p. m. Prof. Gregori Gorbovitsky, violinist.

KFAB Lincoln, Nebr. (340.7m-880kc) 5:30-6:30 p. m. Hotel Lincoln orchestra; 8:30-10:30, request program. KFNF Shenandoah, Iowa (461.3m-650kc) 7 p. m. Concert, Henry Field Seed company.



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Engineers' Service Co. 25 Church St. (Desk D) New York City. KMA Shenandoah, Iowa (461.3m-650kc) 9-11 p. m. Two piano concert, Peregrin Brothers. KMOX St. Louis, Mo. (280.2m-1070kc) 6 p. m. din-ner organ recital; 6:30, quartet; 7:30, quartet; 8, quartet; 9, soloists; 10:15, orchestra; 12-1, dance music

MUSIC. KPRC Houston, Texas (299.8m-1000kc) 7:30 p. m. Jack Willrich's orchestra; 8, evening concert; 9-11, Frank Tilton.

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

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-9-945 p. m. music; 9:45-11.05. frolic. KVOO Bristow, Okla. (374.8m-800kc) 7-8 p. m. program; 8-9, Dorothy Heywood Reedy, artists; 12, dance orchestra.

KYW Chicago, Ill. (535.4m-560kc) 6:30 p. m. Joska DeBabary and his orchestra; 7, Family hour; 9-10:30, Edison classical concert; 10:30-12, Congress

carnyal.

WBBM Chicago, Ill. (226m-1330kc) 8, Coon-Sanders;
9-12, artists, orchestras; 12, Nutty club.

WCCO Minneapolis-5t. Paul, Minn. (416.4m-720kc)
6:45 p. m. Radio Pioneers hour; 8, WEAF; 8:30,
musicale; 9, WEAF; 10:30, Marigold Ball Room
orchestra; 11:30, organ recital. Eddie Dunstedter. WCFL Chicago, Ill. (491.5m-610kc) 6 p. m. talks; 7 Brevoort trio; 8, variety hour; 10, Alamo orchestra 12, entertainers.

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

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

WEBH Chicago, Ill. (370.2m-810kc) 7 p. m. Edgewater Beach hotel orchestra; 9-11, orchestra, artists;

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

WENR Chicago, III. (265.3m-1130kc) 6-7 p. m. Rauland trio; 8-10, All-American Pioneers; 12-2, frolicago, III. (302.8m-990kc) 6:10 p. m. music; 6:15, Punch and Judy; 6:35, Drake concert ensemble; 6:50-7, Old Fashioned almanack; 7:15, Paul Ash; 8:30, Adventures of Oney Fred Sweet; 8:40, songs; 8:45-10, Arabian Nights' entertainment; 10, Sam 'n' Henry; 10:10, Music Box; 10:20, songs, Tommy Coates; 10:30-12, The Pepper Party, WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. organ; 10:30, dance program.
WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m. Artists.

WHB Kansas City, Mo. (365.6m-820kc) 7-8 p. m. program; 10:30-11:30, midweek musicale.

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

music.
WHT Chicago, III. (399.8m-750kc) 6 p. m. Al Carney; 7:45 (238m-1260ke), orchestra, Stuart Dawson; 9:30 (399.8m-750kc), Ray Lawson, tenor; Daddies Kids; John Powell; 10, variety program; 12, Al and Pat. WIBO Chicago, III. (225.4m-1330kc) 6-8 p. m. dinner concert; 10-12, dance music.
WIAZ Chicago, III. (329.5m-910kc) 6:30 p. m. Shoreland hotel; 8, highlights; 9, diversified program.
WJJD Mooseheart, III. (370.2m-910kc) 8-9 p. m. child artists; 11-12, Palmer House Victorians.
WLIB Chicago, III. (302.8m-990kc) 8-8:30 p. m. WEAF; 12-12:45, opera club orchestra.
WLS Chicago, III. (344.6m-870kc) 6 p. m. Supperbell;

WLS Chicago, III. (344.6m-870kc) 6 p. m. Supperbell; 6:40. Maurie Sherman's College Inn orchestra; 6:55. Tony's scrap book; 7, May and June; 7:15. duo, Old Town Coffee room; 8, program; 8:30. musicale; 9:30-12, dance night.

WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. Chicago theater organ; 8, Gus Edwards orchestra; 9 mu-sic; 9:30, musicale.



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WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p.m. Trianon duo; Bessie Beelman, contralto; Monte Blunn, tenor; 8:30-11, orchestra; artists. WOAI San Antonio, Texas (394.5m-760kc) 8:30-9:30 p.m. Delaware Punch program. WOC, Davenport, Iowa (483.6m-620kc) 6:30-7:30 p.m. musicale; 9-9:30, WEAF; 9:30-10:30, musicale. WOK Chicago, Ill. (238m-1260kc) 6-7:45 p.m. string ensemble; 8-9 (217.3m-1380kc), theater program; 9:30-12 (238m-1260kc), syncopators. WOOD Grand Rapids, Mich. (241.8m-1240kc) 8 p. m. program; 9, frolic; 10, Woods, Whozit; 10:10, Nightingale.

program; 9, frolic; 10, Woods, Whozit; 10:10, Nightingale, WOQ Kansas City, Mo. (278m-1080kc) 6:15 p. m.

WOQ Kansas City, Mo. (278m-1080kc) 6:15 p. m. orchestra.
WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. North Shore line; 7:45, tem minutes of good reading; 9, 1, B, C A. choral singers; 9:15, Bible lecture.
WOS J. Son City, Mo. (440.9m-680kc) 7:30 p. m. address; ":05, talk; 8:20, musicale.
WQJ Chic, vo, Ill. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; concert; 10-2 a. m. Rainbo frolic, WSB Atlanta, Ga. (428.3m-700kc) 10:45 p. m. Peerless entertainers.
WSBC Chicago, Ill. (288.3m-1040kc) 6:30-8 p. m. dinner program; 9-1, entertainers.
WSOE Milwaukee, Wis. (245.8m-1220kc) 6:10 p. m. children's program; 7, popular program; 8, Whozit. WSWS Chicago, Ill. (278.8m-1090kc) 6 p. m. Diense hour program; Terrace Garden orchestra; 8, Terrace Garden orchestra; 10, popular program; 12 midnight, Witching hour.

might, Witching hour.

Mountain Time Stations

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

Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7 p. m. Virginia ballroom orchestra; 7:30, Nick Harris; 8-9, program, California Petroleum corp.; 9-10, Seminclassical hour; 10-11, Sunset instrumental quartet.

KFWB Hollywood, Calif. (257m-1190kc) 6-7 p. m. Pontiac dinner hour; 7:50, news; 9-10, Bill Hatch and his orchestra; 10-11, Warner Brothers frolic.

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

9, trio.

KGW Portland, Ore, (491.5m-610kc) 8-9 p. m. concert;
9-10, entertainment.

KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30
p. m. children's hour; 8-10, leatures; 10-11, Jerry p. m. children's hour; 8-10, features; 10-11, Jerry Grant and his dance orchestra. KJR Seattle, Wash. (384.4m-780kc) 10 p. m. dance

musicale; 8, musicale; 9, program; 10, Edgewater club orchestra; 11, Hotel Ambassador.

orcnestra; 11, Hotel Ambassador.

KPO San Francisco, Calif. (428.3m-700kc) 6:30-7 p. m.
States Restaurant orchestra; 7-7:30, Rudy Seiger's
Fairmont hotel concert orchestra; 8-9, Atwater
Kent artists; 9-10, music; 10-11, States Restaurant
orchestra; 11-12, Trianon ballroom.



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

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# THURSDAY, JANUARY 6 Headliners

WCCO (416.4mr/sc/k)
Age?"

WRVA (256m-1170kc) Negro spirituals,
8:30 6:30 5:30

WBAP (475.9m-630kc) Saxophone octet.
WHAS (399.8m-750kc) Methodist Temple male
quartet.

WMCA (340.7m-880kc) Altschul's surprise.
WTIC (475.9m-630kc) Vaudeville.

9 7 6 9 8 7 6 WCBD (344.6m-870kc) Treble-Cleft chorus. WRR (245.8m-1220kc) Hella Temple Shrine quar-

tet. 9:15 7:15 6:15 WHAS (399.8m-750kc) Kentucky Hotel Cardinals 9:30 7:30 6:30 WFAA (475.9m-630kc) Renard club. WHAD (275.1m-1090kc) Sally West and her crew. WHAS (399.8m-750kc) Honolulu serenaders. WOAI (394.5m-760kc) American song program. 10 9 8 7
KPRC (296,9m-1010kc) Southern Pacific Lines Glee club.

WLW (422.3m-710kc) Light opera company. WRR (245.8m-1220kc) Radio Bible class, Church of Christ. WRVA (256m-1170ke) "A Trip Through Virginia."

11 KGO (361,2m-830kc) "Iolanthe." WOC (483.6m-820kc) Davenport Industrial commission,

Mountain 10 12 m. 11 10 9
WBAP (475.9m-630kc) John Josey, organist.
12:15 11:15 10:15 9:15
WLW (422.3m-710kc) Night howls.
1a.m. 2 11 10
KGW (491.5m-610kc) KGW Salon orchestra.

#### THURSDAY, JANUARY 13 Headliners

Central Mountain 8 p. m. 6 5

WTAM (389.4m-770kc) Cleveland symphony.
8:30 5:30

WHAS (399.8m-750kc) Jacob J. Schilling and his orchestra.

WRVA (256m-1170kc) Edgeworth band wagon. 9 8 7 6 KPRC (296.9m-1010kc) Gregor Jassel's Russian concert ensemble. WRR (245.8m-1220ke) Laundrymen's banquet. 9:30 8:30 7:30 6 WOAI (394.5m-760ke) "Cavalleria Rusticana. 11 10 9 KHJ (405.2m-740kc) Zoellner string quartet. 12 11 10 9 WBAP (475.9m-630kc) John Josey, organist,

#### **Educational Features** Thursday

Central Mountain 7 p. m. 6 5 KVOO (374.8m-800kc) U. of Tulsa. WDAF (365.6m-820kc) School of the Air. 8:15 7:15 6:15 5:15 WDBO (239.9m-1250kc) Literary Appreciation se-8:30 7:30 6:30 5:30
WEAO (293.9m-1020kc) Parents and Teachers CoOperation.
WIP (508.2m-590kc) Course in chamber music,
Dr. H. T. Fleck.

WOI (270.1m-1110kc) Iowa state radio courses. WOR (405.2m-740kc) Advertising, William C. Freeman,

9 8 7 6 KUOA (299.8m-1000kc) Jan. 6, School administra-tion; Jan. 13, American flag, Reviewer's book-shelf, Physics, Primary education.

#### Regular Thursday Features Eastern Time Stations

CFCA Toronto, Can. (356.9m.840kc) 8:15 p. m. musical program, Luigi Romanelli and his orchestra. KDKA Pittsburgh, Pa. (309.1m.970kc) 6:15 p. m. KDKA Little symphony orchestra; 8, program; 9 symphony; 11, dance. pwx Havana, Cuba (399.8m.750kc) 8:30 p. m. Cuban

program.

WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m.
dinner orchestra; 7:30-8, organ recital; 8-9, musical
program, instrumental and vocal selections; 9-10,
ensemble; 10-11, staff concert; 11-12, dance

WBBR New York, N. Y. (416.4m-720kc) 8 p. m. headliner. WBZ Springfield, Mass. (333.1m-900kc) 6:15 p. m. organ; 6:30, orchestra; 8, musicale; 9, WJZ; 10, program; 10:30, orchestra.

WCAE Pittshurgh, Pa. (461.3m-650kc) 6 p. m. orchestra; 7:45, talks; 8:20, musicale; 9-11, WEAF; 11, dance music.

dance music.

WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m.

Snellenburg recital: 8. Saddler's Serenaders; 8:30,

Getz Go-Getters; 9:30, Musical Chefs; 10, froilc;

10:30, Parodians' dance orchestra; 11, Club Cadix

WCX Detroit, Mich. (516.9m-580kc) 6-7 p. m. dinner program, Goldkette ensemble; 8-9, studio program. WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m. City of Sanford.

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, mid-week hymn sing, auspices of the Greater New York Federation of churches; 7:30,



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famous characters in literature, WOC; 8, Coward Comfort hour; 9, Cliquot Club Eskimos, WEEL, WJAR, WTAG, WFI, WCAE, WSAI, WTAM, WGR, WWJ, WOC WCCO, KSD, WGN; 10, Goodrich Zippers WFEI, WFI, WCAE, WYI, WGR, WOC, WCCO, WTAG, KSD, WSAI, WJAR, WGN, WCSH, WTAM; 11, Vinceut Lopez and his orchestra from Casa Lopez.

WEAO Columbus, Ohio (293.9m-1020kc) 8:15 p. m.

WEEI Boston, Mass. (348.6m-860kc) 6:10 p. m. Palais Royal orchestra; 6:40, Boston Globe broadcast; 7:30, musicale; 8:30-11, WEAF.

WFI Philadelphia, Pa. (394.5m-760kc) 8 p. m. The Serenaders; 8:30, recital; 9, WEAF; 10, WEAF. WGBS New York, N. Y. (315.6m-950kc) 6 p. m. pro-

WGHB Clearwater, Fla. (265.3m-1130kc) 7 p. m. din-ner music; 8:30, Euphemia Kavassa; 10:30-12, dance

WGHP Detroit, Mich. (270.1m-1110kc) 6 p. m. dinner concert. Hotel Tuller; 10-11, WGHP Frolickers; 11-12, Skylarkers.

WGR Buffalo, N. Y. (319m-940kc) 6:30-7:30 p. m. Vincent Lopez Hotel Statler orchestra; 8-11, WEAF WGY Schenectady, N. Y. (379.5m-790kc) 6:30 p. m. Ten Eyck hotel; 7:45, musicale; 9, WJZ; 10-11:30, program; 11:30, organ.

WHK Cleveland, Ohio (272.6m-1100kc) 8-9 p. m. orchestra; 9-10, sacred hour.

WHN New York, N. Y. (361.2m-830kc) 7 p. m. Iceland dance orchestra; 8, Will Oakland's Chateau; 8:30, Charlie Coleman; 9:15, "Cookie"; 9:30, Loew's theater; 10:30, Billy Day, songs and piano; 11. vaudeville; 11:30, entertainment; 12, The Play-ground.

Vandeville; 11:30, entertainment, 25, and 12:30 variety of the property of the

7:30, Ide and Meginnity, enterances, program.

WJZ New York, N. Y. (454.3m-660kc) 7 p. m. Hotel Pennsylvania dinner orchestra; 8. First National presentation, WRC; 9. Royal hour of music, WRC, WCY, WBZ will also broadcast; 10, program; 10:30, Jack Denny's Frivolity club orchestra, WBZ.

WKRC Cincinnatt, Ohio (422.3m-710kc) 10 p. m. Louisville Loons; 10:30, baritone; 11, piano; 11:15, dance music.

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

with Concert orchestra. (422.3m-710kc) 7 p. m. Robert Visconti's orchestra; 7.40, Visconti's orchestra; 10, light opera; 11, Melody Boys; 12:15 a. m. Night Howls.

Visconti's orchestra; 7:40, Visconti's orchestra; 10, light opera; 11, Melody Boys; 12:15 a. m. Night Howls opera; 11, Melody Boys; 12:15 a. m. Night Howls with the mean of t

wSAI Cincinnati, Ohio (325.9m-920kc) 6:40 p. m. talk; 6:45, chimes; 7, musicale; 7:30, request program; 10, WEAF; 11, music. WTAG Worcester, Mass. (545.1m-550kc) 8 p. m. program; 8:30, Standardyne trio; 9, WEAF; 10, WEAF;

program; 8:30, Standardyne trio; 9, WEAF; 10, WEAF; 10, WEAF, 10, lenden hotel orchestra; 7:30, studio program; 9 WEAF; 10, studio program; 11, Collegian seren

WEAF; 10, stillalo program, 11, conegian secondaders.
WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hotel Heublein trio; 7, midweek religious sing; 7:30, staff artists; 8, Outlet Owlets; 8:30, Capitol theater presentation,
WWJ Detrolt, Mich. (352.7m-820kc) 6 p. m. dinner roncert; 8, VEAF.

Central Time Stations
CKY Winnipeg, Can. (384.4m-780kc) 8:30-9 p. m. studio program; 9-10, J. A. Banfield company's concert.

KFNF Shenandoah, Iowa (461.3in-650kc) 7 p. m. head-

KLDS Independence, Mo. (440.9m-680kc) 8 p. m. studio program KOIL Council Bluffs, Ia. (305.9m-980kc) 6 p. m. program; 7, program; 7:30, oil burner; 8, music hour; 11, orchestra.

KPRC Houston, Texas (299.8m-1000kc) 8 p. m. even-KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. con-

ing program,

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

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-10:15 p. m. headlivers; 10:15, Specialties.

KYOO Bristow, Okla. (374.8m-800kc) 7-7:30 p. m.

Hawaiian music; 7:30-8, Irene Buchner; 8-9, music lovers hour; 12, American Legion frolic.

KYW Chicago, III. (335.4m-550kc) 6:30 p. m. Joska DeBabary and his orchestra; 7, family hour; 8, Twentry Mimutes of Good Reading. Rev. C. J. Pernin; 9-10:30, classical concert; 10:30-12, Congress carnival.

WBAP Fort Worth, Tex. (475.9m-630kc) 7:30-8:30 p. m. musicale; 9:30-11, Davis Baking Powder sanopione octet; 11-12, trolic.

WBBM Chicago, III. (226m-1330kc) 8 p. m. Coonsanders Night Hawks; 9-11, orchestra, piano; 11. Coon-Sanders Night Hawks; 9-11, orchestra, 11-12, Alamo entertainers.

WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 8 p. m. WcAff; 10:30-11, Nighthawk irolic.

WEBH Chicago, III. (391.5m-610kc) 7-8 p. m. Uptown theater; 9:30-11, musicale.

WENR Chicago, III. (385.3m-1130kc) 6-7 p. m. Rauland trio; 8-10, All-American Pioneers, Vin Lindhe.

WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30 p. m. Baker hotel orchestra; 10:30-11, songs, Correll and Gosden.

WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. orchestra and vocal selections, Wisconsin hotel

Gosden.
WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. ni. orchestra and vocal selections, Wisconsin hotel orchestra; 7, talk; 8:30, classical studio program.
WHAS Louisville, Ky. (399.8m-750kc) 7:30-9 p. m.

wrias Louisville, Ky. (399.5m-750kc) 7:30-9 p. m. concert.
WHB Kansas City, Mo. (365.6m-820kc) 7-7:45 p. m. organ concert; 9-10, Ukulele songsters.
WHO Des Moines, Ia. (526m-570kc) 7:30-8 p. m. Philibreck's Younker tea-room orchestra; 8-9, music; 11-12, dance program.
WHT Chicago, Ill. (399.5m-750kc) 6 p. m. Al Carney, organist, violini; 7:45 (238m-1260kc), orchestra, songs; 9:30 (399.8m-750kc), Billy A. Huff, songs; 10, quartet; 12, Al and Pat.
WIBO Chicago, Ill. (225.4m-1330kc) 6-8 p. m. dinner concert; 12-2, Aragon ministrels.
WJAZ Chicago, Ill. (329.5m-910kc) 7 p. m. diversified program: 9, Shoreland.



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

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

WLS Chicago, Ill. (344,6m-870kc) 6:30 p. m. sports; 6:40-7:55, artists; 10:30, organist; 10:45-12, orches-

tras.

WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. Chicago theater organ; 6:30, Gus Edwards orchestra; 7, orchestra; 8, program; 9, players.

WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m. Trianon ensemble; 8:30-11, orchestra; Arthur Truesdale.

dale,
WMC Memphis, Tenn. (499.7m-600kc) 8 p. m. talk
on Memphis commerce; 8:30, program.
WOAI San Antonio, Tex. (394.5m-760kc) 8:30-9:30
p. m. Radiola Super-Heterodyne hour.
WOC Davenport, Iowa (483.6m-620kc) 7:30-8 p. m.
Moline Plowboys; 8-9, WEAF; 9-10, WEAF; 10-11,
musicale.

WOK Chicago, Ill. (238m-1260kc) 6-7:45 p. m. string ensemble: 8-9 (217.3m-1380kc), theater program; 9:30-12 (238m-1260kc), syncopator

WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. Webster Hotel duo orchestra; 9, musicale.

WOW Omaha, Nebr. (526m-570kc) 6 p. m. Vagabonds; 9, classical program; 10, Roseland Gardens. WQJ Chicago, III. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; specialty; 10-2 a. m. Rainbo frolin

WRR Dallas Tex. (245.8m-1220kc) 6 p. m. music; 8, band; 9, Bible elass.

WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. concert; 10:45, Charles A. Sheldon Jr., organist WSBC Chicago, Ill. (288.3m-1040kc) 6-7 m. dinner program; 9-1 entertainers.

WSMB New Orleans, La. (319m-940kc. 8:30 p. m. dance program.



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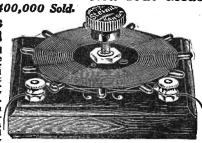
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WSOE Milwaukee, Wis. (245.8m-1220kc) 6 p. m. children's hour; 7, popular music; 9, bridge; 9:30, children's hour; 7, popular music; 9, bridge; 9:30, community band.
WSWS Chicago, Ill. (275.8m-1090kc) 6 p. m. dinner hour program; Perrace Garden orchestra; 8, production, the Magic Crystal; 10, popular airs; 12, Witching hour program.

Pacific Time Stations

KFI Los Angeles, Calif. (487m-642kc) 7-8 p. m. program by students of U. S. C.; 8-9, KFI drama hour; 9-10, varied hour; 10-11, Johnston and Farrell's music box revue.

KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m. Pontiac dinner hour; 7:50, news; 9-10, program; 10-11, Warner Brothers frolic.

KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Ben's Little symphony; 8, program; 9-12, orchestra. Stanislas Ben's Little sympnon, o, program, 22, orchestra.

KGW Fortland, Ore. (491.5m-610kc) 6.7 p. in. dinner concert; 7:45-8, lecture; 8-10, vaudeville, KHJ Los Angeles, Calif. (405.2m-740kc) 6:30-7:30 p. m. children's hour; 3-10, features; 10-11, dance music, SMTR Hollywood, Calif. (370.2m-810kc) 8-9 p. m. program; 9-10, semi-classical hour; 10-11, dance music; 11-12, Palais de Danse.

KNX Hollywood, Calif. (336.9m-890kc) 7 p. m. organ; 8, feature; 9, courtesy program; 11, Hotel Ambassador. sador.

KPO San Francisco, Calif. (428.3m-700kc) 6:30-7
p. m. States Restaurant orchestra; 7-7:30, Rudy
Seiger's Fairmont hotel concert orchestra; 8-9,
usogram; 9-10, music; 10-11, music.

KPSN Pasadena, Calif. (315.6m-950kc) 8-9 p. m.
nusical program.

Thursday, silent night for: CFCA, KFAB, KFDM, KFLX, KMA, KMOX, KOA, KOB, KSAK, KFUX, KMAC, WAMD, WCOA, WEAO, WEBJ, WEMC, WGBF, WHAD, WJAX, WMAK, WOS, WSM, WSUI, WTAM.

#### FRIDAY, JANUARY 7 Headliners

Eastern Central Mountain Pacific 6:30 p.m. 5:30 4:30 3:30 WIAR (485m-618kc) "Musik Tawkalog," Mabel Woolsey,

| WIAR (485m-618kc) "Musik Tawkalog," Mabel Woolsey, 7 | 6 | 5 | 4 | WEAF (491.5m-610kc) One-act drama, WGR (319m-940kc) Girls' glee club, WJAR (485m-618kc) Temple Beth-El Synagogue services. 7:30 | 5:30 | 4:30 | WFAA (475.9m-630kc) Texas Ramblers, WTIC (475.9m-630kc) Esther A, Nelson, organist. 7:45 | 6:45 | 5:45 | 5:45 | 4:45 | WEBJ (272.6m-1100kc) Carie Cohen, pianist. 8 | 7 | WEBJ (272.6m-1100kc) Eugene DeBona, tenor, 8:05 | 7:05 | Cohen, pianist. 8 | 7:05 | Cohen, pianist. 8 | 7:45 | Cohen, pianist. 9:505 | Cohen, pianist. 9:5

cal seminary concert 8:45 7:45 6:45 WCCO (416.4m-720kc) Latterell sisters. (305,9m-980kc) Billie and Helen "Go On a Diet."

WCOA (252m-1190kc) Mt. Olive Jubilee singers.

WTIC (475.9m-630kc) Paraphrasers.

9:30 6:30

WCOA (252-m-1190kc) Wm. J. Chamberlain,

WCOA (252-m-1490kc) Vin. J. Chambers, WFAA (475,9m-630kc) Service Temple Emanu-El. WFAAD (275,1m-1990kc) Classical program, Marquette university. WRVA (255m-1170kc) Edgeworth Party night, 10 8 8 7 KOA (322,4m-930kc) Sterling municipal band, WCOA (252m-1190kc) Mrs. J. P. Sandusky, vocalist,

Eastera Central Mountain Pacific 10:30 p. m. 9:30 8:30 7:30 WCCO (416.4m-720kc) Lillian Nippert Zelle, vio-linist. WBAP (475.9m-630kc) Concert, Texas Christian

university. 10:05 9:05 8:05 WCCO (416.4m-720kc) Little Jack Little. 12 11 10 9 KOIL (305.9m-980kc) Lubricators of the air.

#### FRIDAY, JANUARY 14 Headliners

Eastern Central Mountain Pacific 7:45 p.m. 6:45 5:45 4:45 WEBJ (272.6m-1100kc) Michele Boutempo, bari-toue.

Toue.

8 EBJ (272.6m-1100kc) Sara V. Turits, soprano.

8:05 7:05 6:05 5:05

WRVA (256m-1170kc) Masonic Home Boys' band.

8:15 7:15 6:15 5:15

WEBJ (272.6m-1100kc) Joe Davis, Melody man.

8:30 5:30

WHAS (399.8m-750kc) U. of Louisville.

9 6 6 7 6

quartet.
10 9 8 7
WGBF (236m-1270kc) Royal Castilians.
WRVA (256m-1170kc) American Legion review.

#### **Educational Features** Friday

Central Mountain Pacific
6:30
WNYC (526m-570kc) Elementary French lesson.
7
(526m-570kc) School of the Air.
WNYC (526m-570kc) Advanced French lessons.
WOW (526m-570kc) Musical Appreciation," Hester Bronson Copper,
KVOO (374.8m-800kc) Law, U. of Tulsa.
6:30
KSAC (340.7m-880kc) Sociology.
7:45
(309.1m-970kc) Jan. 7, "Is Latin Literature Readable?"
7:55
(6:55) R. W. Sisson 4:55 KDKA (309.1m-970kc) Jan. 7, "Is Latin Literature Readable?"
7:55

KSAC (340.7m-880kc) Rollins college.

8 Roke Jan. 74, "Old Land Residents of Kansas;" Jan. 7, "The Future of the Amateur Play;" Jan. 14, "Oral Reading as a Practical Art."

8:05

WOR (405.2m-740kc) N. Y. U.
8:15

KSAC (340.7m-880kc) Jan. 7, English language; Jan. 14, history of some of our common words.

11

KOAC (280.2m-1070kc) Oregon Agricultural college.

#### Regular Friday Features

Eastern Time Stations
KDKA Pittsburgh, Pa. (309.1m-970kc) 6:15 p. m. string ensemble; 8. concert; 9. Teaberry time.
WABC New York, N. Y. (315.6m-950kc) 7:30-10 p. m. program.

WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p.
m. diuner orchestra; 7:30-8, quartet; 8-9, trio;
John Wilbourn, tenor; 9-9:30, Fitz Sisters, musical

sketch; 9:30-10, string quartet; 10-11, novelty program; 11-12, Dance orchestra. gram; 11-12. Dance orchestra.

WBZ Springfield, Mass. (333,1m-900kc) 6:15 p. m. ensemble: 6:30, orchestra; 7:03, concert; 8, program; 8:30, program; 10, musicale.

WBBR New York, N. Y. (416.4m-720kc) 8 p. m. Watchtower concert trio; 8:20, Fred Twaroschk,

tener.

WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dinner music; 8, Sunday school lesson; 8:30, Burt McMurtrie's hour; 9:30-10:30, WEAF; 10:30, dance music. WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. Snellenhurg recital; 8, Barry O'Moore, Irish tenor; 8:30, Cohen's Jewels; 8:45, Curlox Girls: 9, Mctady Makers; 9:30, Murmuring Baritone: 10, recital; 10:30, Myers' Musical Architects.

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

gram. WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m.

WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m. popular program.

WEAF New York, N. Y. (491.5m-610kc) 6 p. m. dinner music; 7, orchestra; 7:30, headliners; 7:45, talk; 8, Happiness Candy Boys; 8:30, Holmer hour, WGR, WLIT, WRC, WLIB, WWJ, WTAM, WCALF, 2:30, La France orchestra. WEBI, NGR, WDAF, 9:30, La France orchestra. WEBI, NGR, WDAF, WLIT, WCAE, WTAM, WWJ, KSD, WDAF, WLIT, WCAE, WTAM, WWJ, KSD, WAM, WSD, WWJ, WCCO, WDAF, WGR, WGN, WEBI, WTAM, WSD, WWJ, WCCO, WDAF, WGR, WGN, WEBI, WTAG, WCAE, WOC, WLIT; 11:30 (headliner), orchestra.

WEEI Boston, Mass. (348.6m-860kc) 7:30 p. m. Whiting Milk company; 8, musicale; 9:30-10:30, WEAF, WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. Adelphia dance orchestra.

WGES New York, N. Y. (315.6m-950kc) 6:30 p. m. orchestra; 7:15, music.

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

ner music; 8:30. pipe organ, program; 10:30. dance program.
WGHP, Detroit, Mich. (270.1m-1110kc) 6-8 p. m. dinner concert, Hotel Tuller; 10-11. WGHP entertainers; 11-12, Melodymakers.
WGR Buffalo, N. Y. (319m-940kc) 7:15 p. m. evening program; 9:30-10:30, WEAF; 11-1, supper WGNSchenectady, N. Y. (379.5m-790kc) 7 p. m. Hotel Van Curler dinner music; 7:35, staff program; 8, musicale; 9, WGY players; 10, WJZ; 11, WJZ.

WHK Cleveland, Ohio (272.6m-1100kc) 6 p. m. orchestra; 7:30, Whozit; 7:40, novelties; 8, vocal hour; 9:10, popular; 10-11, orchestra.

WHN New York, N. Y. (361.2m-830kc) 7:30 p. m. Sachs Quality entertainers; 8, Treasureland Home

Owners ensemble; 10, vaudeville; 10:30, orchestra; 12, Silver Slipper orchestra.
WICC Bridgeport, Conn. (232.4m-1290kc) 7 p. m. orchestra; 7:30, hour of music; 8:30, sextet; 10, orchestra.

orchestra. WIP Philadelphia, Pa. (506.2m-590km) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle

WIP Philadelphia, Pa. (506.2m-590km) 6:10 p. m. Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.

WJAX Jacksonville, Fla. (336.9m-890kc) 7-7:30 p. m. Carling hotel dinner music; 8-9, studio popular program; 9-10, Casa de Baile.

WJR Detroit, Mich. (516.9m-580kc) 7 p. m. symphony; 8, Arctic flavors; 8:30, studio program.

WJZ New York City, N. Y. (454.3m-560kc) 7 p. m. santa Clause; 7:30, Botel Commodore dinner orchestra; 8, Sundial Shoe Serendares & Bonnie Laddies; 9, Breyer Ice Cream hour, WRC will also broadcast; 10, Baldwin piano hour, WGY; 11, Paul Specht's Twin Oaks orchestra.

WLIT Philadelphia, Pa. (394.5m-760kc) 8 p. m. concert orchestra; 8:30 Salou orchestra; 9, MEAF; 10, WEAF; 10:30, Arcadia cafe dance orchestra.

WMAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. m. weather; 7:30, WGY; 7:35, WGY.

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

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

WOO Philadelphia, Pa. (508.2m-590kc) 11 a. m. or-

selections.
WOO Philadelphia, Pa. (508.2m-590kc) 11 a. m. organ recital; 12:02 p. m. Tea Room orchestra; 4:45, organ recital; 7:30, Hotel Sylvania dance orchestra; 8:10, hygiene talk; 8:20, WOO tourists, WOO orchestra; 9:30, Fox theater orchestra; 10, vaudeville; 10:30, Sylvania dance orchestra.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Bill Wathey in sports; 6:30, Hotel Bretton Hall string quartet; 7:30, orchestra; 8:30, organ. WPG Atlantic City, N. J. (299.8m-1000kc) 7:15 p. m. organ recital, Arthur Brook; 7:30, Hotel Shelburne dinner music; 8, orchestra; 9, Hotel Chelsea evening concert; 9:30, Hotel Ambassador concert orchestra; 10, Garden Pier dance orchestra; Silver Slipper.

WRC Washington, D. C. (468.5m-640kc) 7 p. m. Meyer Goldman's Hotel Hamilton orchestra; 8, musicale; 8:30, WEAF; 9, WIZ; 10, WEAF.

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

program.

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

WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. Emerson Gill's orchestra; 7, talk. Arthur Haas; 7:30, studio program; 9:30, WEAF; 10, WEAF; 10:30, studio program; 11, Jade Room orchestra.

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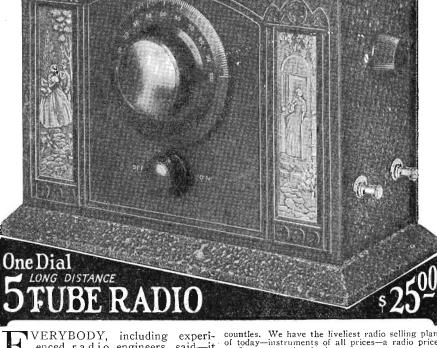
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won't lose a single minute writing for tal mormation.

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WTIC Hartford, Conn. (475.9m-630kc) 6:30 p. m. Hotel Bond trio; 7:15, Laura C. Gaudet, organist; 10:05, Emil Heimberger's Hotel Bond orchestra. WWJ Detroit, Mich. (382.7m-820kc) 6 p. m. dinner concert; 9, WEAF; 9:30, WEAF; 10, WEAF.

#### Central Time Stations

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

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

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

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

KOIL Council Bluffs, Iowa (3005.m-890kc) 7:30 p. m. program: 8, artists; 8:30, Dresher Brothers, Inc.; 11 froils.

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

KTHS Hot Springs National Park, Ark. (374.8m-

lar program.

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9:10-10:45 p. m. features.

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

KYW Chicago, Ill. (335.4m-560kc) 6:30 p. m. Joska DeBabary and his orchestra; 7, family hour; 9-10:30, classical concert; 10:30-12, Congress carnival.

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

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

WCCO Minneapolis-St. Paul, Minn. (416.4m-720kc) 6:30 p. m. St. Paul Association; 8, popular orchestra program; 10:05, dance program, Nankin Cafe orchestra.

cnestra, WCFL Chicago, Ill. (491.5m-610kc) 7 p. m. Breover concert trio; 8, popular; 10, Alamo orchestra; 11-12, entertainers.

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

sicale.

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

WEBH Chicago, III. (370.2m-810kc) 7 p. m. Edgewater Beach hotel orchestra; 9-10, Edgewater Beach lotel orchestra; 10-11, Edgewater Beach hotel orchestra; 10-11, Edgewater Beach hotel orchestra; 10-12, Edgewater Beach motel orchestra; 10-13, Edgewater Beach motel orchestra; 10-14, Edgewater Beach motel orchestra; 10-14, Edgewater Beach motel orchestra; specialties.

musicale. WENR Chicago, III. (265.3m-1130kc) 6-7 p. m. Rauland lyric trio; 8-10, All-American Pioneers; 12-2,

land lyric trio; 8-10, All-American Pioneers; 12-2, midnight frolic.

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

WGBF Evansville, Ind. (236.1m-1270kc) 7 p. m. Exide entertainers; 8, orchestra.

WGN Chicago, Ill. (302.8m-990kc) 6:10 p. m. musicale; 6:15. Punch and Judy; 6:35, ensemble; 6:50, old fashioned almanack; 8, musical program; 9, WEAF; 9:30. The Phantom violin; 10, Sam il Henry; 10:10. The Phantom violin; 10, Sam il Henry; 10:10. The Music Box; 10:20, Bible readings; 10:30, Leon Lichtenfeld, cellist; Herbert Johnson, pianist; 10:30, music.

WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. organist; 8:30, Marquette university.

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

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B Power with

WHB Kansas City, Mo. (365.6m-820kc) 7-8 p. m. Sweeney orchestra; Songsters.
WHO Des Moines, Ia, (526m-570kc) 7:30-8 p. m. program; 8-9, Headliner; 11-12, dance program; WHT Chicago, Ill. (399.8m-750kc) 6 p. m. Al Carney; Eleanor Gilmore; Helen Rauh; 7:45 [238m-1260kc), Stuart Dawson; 9:30 (399.8m-750kc), Kenneth Clark and his Hawaiians; 12, Al and Pat.
WIBO Chicago, Ill. (325.4m-1330kc) 6-8 p. m. evening musicale; 10-1, dance program.
WAZ Chicago, Ill. (325.5m-910kc) 7 p. m. popular program; 8, highlights; 9, Sboreland; 10:30, Club Chez Pierre.
WJJD Mooscheart, Ill. (370.2m-810kc) 8-9 p. m. child artists; Il-1 a. m. Palmer House Victorians; Jack

Neison. WLIB Chicago, III. (302.8m-990kc) 7-7:30 p. m. dinner concert; 7:30-8, WEAF; 11-12:30, organ, orchestras. WLS Chicago, III. (344.6m-870kc) 7 p. m. May and June; 7:15, trio; 9, orchestra; 9:15, trio; 10-12,

June; 7/15, trio; 9, orenestia, 5/15, trio, 10-12, Show Boat.
WMAQ Chicago, Ill. (447.5m-670kc) 6 p. m. chimes; 6:30, Wide Awake club; 8, musicale; 9:30, musi-

cale.

WMBB Chicago, Ill. (249.9m-1200kc) 7-8:30 p. m.

Trianon duo; Norman Harte, baritone; Veronica
Krebs, contralto; John Stamford; 8:30-11, frolic.

WMC Memphis, Tenn. (499.7m-600kc) 8 p. m. Mississippi Valley facts; 8:30, Cooper Cord entertainers;
11, frolic

WMC Memphis, Tenn. (499.7m-600kc) 8 p. m. Mississippi Valley lacts; 8:30, Cooper Cord entertainers; 11, frolic.

WOAI San Antonio, Tex. (394.5m-760kc) 8:30-9:30 p. m. musical program.

WOC Davenport, Lowa (483.6m-620kc) 7:30-8:30 p. m. Moorman Melody Mixers; 8:30-9, WEAF; 9-9:30, WEAF; 9-9:30, WEAF; 9:30-10:30, lecture.

WOK Chicago, Ill. (238m-1260kc) 6-7:45 p. m. string ensemble; 8-9 (217.3m-1380kc), theater program; 9:30-12 (238m-1260kc), syncopators.

WOOD Grand Rapids, Mich. (241.8m-1240kc) 8 p. m. program; 9, Van Wyck instrumental quartet.

WORD Chicago, Ill. (275.m-11090kc) 7 p. m. North Shore line; 7:45, World News digest; 9, station program.

WOS Jefferson City, Mo. (440.9m-680kc) 7:15 p. m. Radio Bible class, talks; 8:20, musicale.

WOW Omaha, Nebr. (526m-570kc) 6 p. m. Hugo Heyn, marimba soloist; Emil Hofmann, pianist; 6:50, orchestra; 9, classical.

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

WRR Dallas, Tex. (245.8m-700kc) 8 p. m. program; 8, artists.

WSB Atlanta, Ga. (428.8m-700kc) 8 p. m. concert; 8, artists.
WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. concert;

WSB Atlanta, Ga. (428.3m-700lcc) 8 p. m. concert; 10.45, concert.
WSBC Chicago, Ill. (288.3m-1040lcc) 6:30-7 p. m. dinner program; 9-1, entertainers
WSOE Milwaukee, Wis. (245.8m-1220lcc) 7 p. m. popular program; 8. Library review: 8:15, Whotz: WSWS Chicago, Ill. (275.8m-1090lcc) 6 p. m. dinner hour program; Terrace Garden orchestra; 8, recitel; 10, Mildred Colucio, blues singer; Terrace Garden orchestra; 12, Witching hour program; Terrace Garden orchestra.

Mountain Time Stations

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

KOB State College, N. M. (348.6m-860kc) orchestra.

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Pacific Time Stations

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. popular program; 8-9, Aeolian organ recital; 9-10, semiclassical hour; 10-11, Packard ballad hour,

KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m.

Pontiac dinner hour; 7:50, news; 9-10, Bill Hatch and his orchestra; 10-11, Warner Brothers frolic GGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m.

Stanislas Bem's Little symphony; 8-9 program.

KGW Portland, Ore. (491.5m-610kc) 6-7 p. m. dinner concert; 8-8:30, KGW movie club; 8:30-10:30, dance music; 10:30-12, frolic. Hoot Owls, 8:30-10:30, D. m. children's hour; 8-10, feature program; 10-11, Marigold Gardens dance orchestra.

KLX Oakland, Calif. (508.2m-590kc) 8-9:30 p. m. special program; 9:30-10:30, Athens Athletic club orchestra (401) and the special program; 9:30-10:30, Athens Athletic club orchestra.

KMR Hollywood, Calif. (336.5m-890kc) 7. m. feature; 8-10, dance music; 10-12, dance music.

KNX Rollywood, Calif. (428.3m-700kc) 6:30 p. m. State Restaurant orchestra; 8-9, orchestra; 9-10, Palace Hotel Rose Room dance orchestra; 10-11, orchestra; 11-12, dance orchestra.

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

Friday, silent night for: CFCA, CKAC, CKNC, KFDY, KFNF, KLDS, KPRC, KPSN, KUOA, KWWG, WBBR, WCAD, WCBD, WFI, WGBS, WIP, WJAZ, WKRC, WLIT, WLW, WLWL, WREO, WSAI, WSMB, WSUI, WTAM.

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(Continued from page 3)

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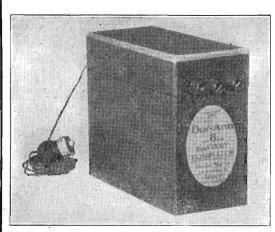
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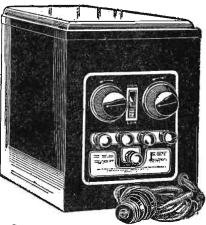
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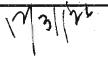
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#### "GOODY GOODY GIRL"

(Continued from Page 8)

there preaching to me, have drunk of the liquor that I've run into this town."
"I have, but I shan't again. In every glass I'd see a picture of men dead beside a road, bullets in their bodies; other men

trying to staunch their wounds—"
"I see," said Jermin gently. "Then, it's

ONE. This must be goodbye. I've had a fling at the sort of life that you and Mr. Becker and Mrs. Gayton and all your crowd lead. It isn't my kind. You've heard me speak of the goldfish that drove me from home. That's what it seems to me all of you That's what it seems to me all of you are—goldfish. Swimming around and around in a glass bowl of your own and content never to get anywhere—but I mustn't preach again. Goodbye, Mr. Jermin. You needn't think of me again or be afraid that I'll talk; about last night, I

mean. That is water over the dam."
Victor Jermin held out his hand. "The
ten dollars I owe you," he said. "Goodbye,
Miss Sylvester." He bowed and held open
the door for her to pass through.

Further and harder renunciation awaited her at Mrs. Trickett's rooming house. Before it stood Mildred Gayton's limousine; in the shabby little parlor, Mrs. Gayton herself.

"My dear, my dear," she cried. "When

"My dear, my dear," she cried. "When I went to your room . . . to go on my knees to you . . . beg forgiveness . . . oh, I've had a terrible night . . . Suzette took pity on me at last . . . told me where you were—"
"I'm sorry," said Lois. "Not that Suzette told you, but that you have been distressed, and I'm glad that our parting last night was not final—that we have this chance to say goodbye, that I can thank you for——"

"My dear! You're not putting me out of your life?"

Absolutely! It's not you but what you

stand for, Mrs. Gayton——"
"Mrs. Becker, if you please."
"Mrs. Becker?"

EIL married me this morning, just as soon as a license could be obtained. Oh, Lois! I'm married, respectable, no longer a—a—kept woman. I'm so happy. He's promised so often we would be, then evaded. What happened last night—I'm so sorry you had to go through it—gave me the club I needed.

**ELECTRAD** Parts are Mentioned

**ELECTRAD** 

Certified Mica Condensers

Neil was repentant, remorseful. He real-really loves me, I think. It really was no trick at all—oh, you've repaid me a thousandfold-

Lois bent suddenly and kissed her. "I'm glad. I wish you all the happiness in the world, Mildred."
"So we can go on being friends, continue with our place". Mrs. Booker soid. "H

with our plans," Mrs. Becker said. "I know you won't come back with me, but I've brought your clothes and Neil sent a

check for that sixteen hundred—"
She broke off and her eyes widened as
Lois resolutely shook her head. "Don't tempt me, Mildred. It can't be. When you leave here we're through with each other. I'm on my own. I've got to fight my battles alone. I want to. Don't try to weaken me. I must be strong—"

"But, my dear, what are you going to do? You're only a little country girl.
The city is harsh, cruel. Do you recall
what I said that first day you reached
Chicago—that it had another side which I hoped you never would see. Let me help you escape that."
"No. If I must see it, I must. I can

face it. I can beat it, too. There's success of some kind, somewhere, ahead of me."

HE other woman sighed. "I have ar idea you'd never change your mind,'
she said resignedly. "I won't try to

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Parter Radio (o.

change it. Do you know, in a way I'm teen hundred is out of his own pocket. You're proving I was right in my estimate of you and while my heart is sad that you won't let me help you and that you won't let me help you and that he ought to lose for not putting up my bet. Today—I'm seeing things because I dread for you what lies ahead—anyhow, I'll be pulling for you. Pulling and, now that I'm—clean—again myself, I think I can even do a little praying, too. If ever the tide gets too strong, you feel yourself weakening—come to me."
"Thanks," said Lois; but knew that even

if she felt herself sinking she never would do it.
"Well, here's your check."

Lois took the slip of paper, hesitated only the barest fraction of a minute, then slowly tore it to pieces.

Mrs. Becker stared at her aghast. "Why on earth—" she began. "That's yours

... you won it——"
"No," said Lois, "I didn't win it. I was watching Mr. Becker when he went to put it up. He didn't bet my ten dollars. didn't go near the cashiers' windows. thought that I was sure to lose. The six-

### Again Specified

**5 AMPERITES BRUNO REGENATROL Receiver** 

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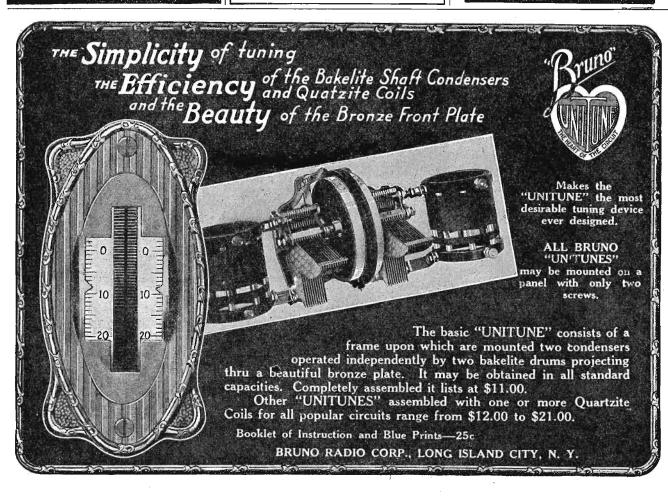


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Yesterday I would have taken it on the ting up my bet. Today—I'm seeing things in a different light. I'll take the original ten if you want to give it to me, but the

"Well, you are a little goody-goody girl," said Mrs. Becker.

And at this critical period Raymond Lancaster seeks out the little Goody Goody girl—what can she do? What will she do? Which is the right path to choose? How can she live and be herself? It is a thrilling climax and you are promised a real surprise in the next issue of Radio Digest.



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The pleasure you get from your set largely results from its tone quality. This depends principally on two This depends principally on two things—keeping all radio frequency currents in their own circuits, a job only Samson R.F. Chokes can perform because of their patented helical winding, and amplifying impartially all notes. Only the Patented Helical Winding of Samson Audio Frequency Transformers equally amplifies all notes through nullification of distributed capacitance effects.

Price, Choke No. 85, \$1.50 Transformers, all ratios, \$5.00

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# Regenatrol Receiver

As Described in This Issue by Joseph Calcaterra Complete Kit of Parts Ready to Wire With Instructions.....

All Regenerative Kits Licensed Under Armstrong Patent 1,113,149 Manufactured by Clapp Eastham Co. Exclusively for the Bruno Radio Corp.

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Complete Parts, \$37.50

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Four-Tube Diamond of the Air\$	30.00
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N. Y. City

#### FIX SET FOR RESULTS

(Continued from page 9)

B batteries should be tested while in service or immediately after disconnecting from the receiver. The reason for this is that a B battery possesses a certain amount of recuperative power when

tain amount of recuperative power when idle, but the moment it is again placed in service it will drop back to its true value. The "cut-off value" or voltmeter reading at which a B battery has served its useful life is approximately 75% of when brand new. Thus a B battery which when new indicated a voltage approximating 45 volts would be considered as having served its useful life when it was described. served its useful life when it had dropped in voltage close to 33 volts. B batteries in voltage close to 33 volts. B batteries require no servicing other than that they be kept clean and placed not close to radiators. This precaution should be taken because a dry B battery is in reality a "wet" battery inside but sealed. If placed close to any device radiating heat it is but natural to assume the moisture would soon be evaporated and the life shortened. shortened.

The function of a C battery has been shown as that of establishing "grid biasing." In design and construction it does not differ from that of a B battery, but is only supplied in voltages of 4½ or 7½ as maximum. Their life when connected in a Radio circuit cannot easily be determined. In such service they supply no current, hence their life represents the "shelf" life of the battery, which may be anywhere from one to two years or longer.

The present market affords several makes of both A and B battery substitutes or eliminators which, if offered by reputable manufacturers, may be depended upon to render very satisfactory service. To describe each of these substitutes in turn would hardly be of interest to my readers in an article of this general type.

readers in an article of this general type.

Vacuum tubes for Radio usage have now reached a stage wherein no one can afford to experiment with those which are offered at horsein prices. offered at bargain prices. Buy your tube requirements from a responsible dealer, the best will ever prove a wise investment. And don't "rejuvenate" them every

(To be Continued)

#### The Reader's View

Bouquet for Shenandoah

The one station we lost, WJZ, we do not miss as the two that interfere, KMA and KFNF, come in good generally, and we feel that they are more suited to our district and our needs. With KOIL it is somewhat different, for while they are a good station they interfere help at times. good station, they interfere badly at times with WGN and KDKA.

I don't see why one station should be

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Headphones and Loud speakers repaired. Sam T. Sherrill, Smithville, Texas.

given unlimited power to reach across the continent and drown out some local sta-tion that has the needs and desires of the community at heart. We lost some dis-tant stations but gained some more suited to our needs.—O. E. S., Monticello, Minn.

Agreeing with P. B. G.
I heartily agree with P. B. G. Iowa is the worst for wave jumpers. KOIL puts on fair programs but cannot compare with KDKA, WGN and KPRC. Here is a complete list of stations interfered with by

the jumpers:

KOIL interferes with WGN, WLIB,
KTAB, KDKA, KFDM, KPSN, WGR,
WSMB.

WAAW interferes with CKY, WMBF WTAM.

KSO and KMMJ interfere with WHT, WLIT, WFI, WOAI, WHAS and PWX. KFNF and KMA interfere with WJZ, WQJ, KFI, WRC, WCAE, WAPI. The Shenandoah stations are the worst of all-and usually salling compatible.

of all-and usually selling something.

ODISTANCE-SELECTIVE-NOT A LOOP CERTIFICATE OF APPROVAL by one of Langest Radio LABORATORIES sent
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# Dial Setting Free Chart



owners, addresses, otc., occi as mew data comes out. 468 states, etties, etc. Truning Suggestions, Station is a biashciated by wave length states, etties, etc. Truning states, etties, etc. Truning states, etties, etc. Truning states, etties, etc. Other winformation necessary to enjoy radio. Doubles radio plean information necessary to enjoy radio. Doubles radio plean point of the state of the

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Proven absolutely essential to clear, powerful distance reception. Draws and holds moisture indefinitely. Highly sensitive to radio energy. SEND NO MONEY—To introduce, we offer to those who act at once, regular \$5.00 size for only \$2.00. Send name today and pay \$2.00 plus 17c postage on delivery. Or send only \$2.00 with order and save postage. FREE—Full description of Ground Hog and amazing special low priced battery offer on request —write today. Yale Suecialty Supply Co.

I know how to operate my receiver, and it is a good one. I have had international reception (Cardiff, Wales, and Lima, Peru), prior to the wave jumping orgy, but it's all over now. There is no use in having a receiver unless you can get WJZ, KDKA and WGN. Such stations are truly worth while.—Mrs. C. V. N., Omaha, Nebr

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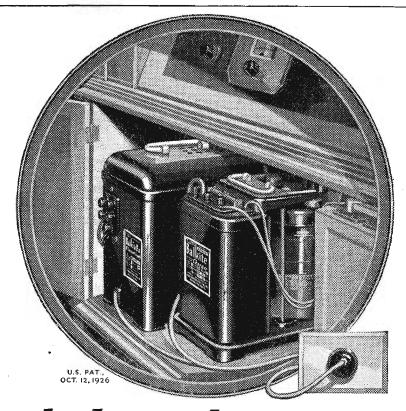


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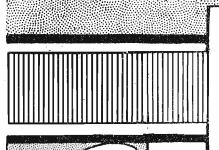
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Every other Saturday night a symphony concert. On alternate Saturdays one of Mr. Damrosch's famous piano recitals on the great Wagner Music Dramas. Over stations: WEAF, WEEI, WGR, WFI, WCAE, WSAI, WTAM, WWJ, WGN, WCCO, KSD, WDAF, WOC.

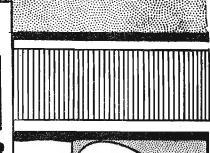
Balkite Charger \$19.50. (West of Rockies \$20. In Canada \$27.50.) Balkite "B-W" \$27.50, "B"-X \$42, "B"-Y \$69. (In Canada "B"-W \$39, "B"-X \$59.50, "B"-Y \$96.)

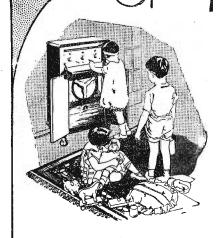
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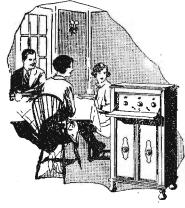


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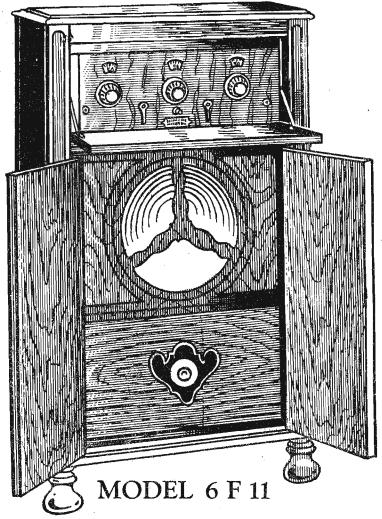
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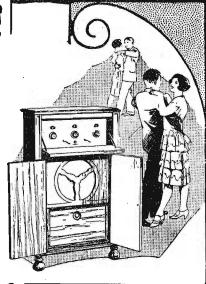
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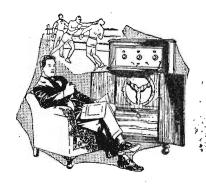
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A special package containing—1 UX 112 power tube, 1 UX 200A detector tube and 3 UX 201A amplifying tubes—matched and tested for the set in which they are shipped, is sold by Authorized Freshman Dealers.

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