What Stations Will Stay on the Air?

Kaddo JJ TWICE TIPROGRAMS



Finishing Touches on the 1927 DeLuxe Philippine Super; Seventh Section of Whozit; How Scranton Fought Interference Noises and Won; Have You a Good Voice for Radio?

AUSTRALIAN VISITOR INVESTIGATES RA

TELLS OF BROADCASTING METHODS IN ANTIPODES

Lieut. Eric J. T. Moore, of Station 2FC, Sydney, Combines Honeymoon with Ether Survey

With Ether Survey

Tow that Australian stations are being heard by America with some and chat with Llaut Erle J. T. Moore, I. E. E., A. M. S. C., who is spending a few months in this country to gather data and information for Australian Radio broadcasting and reception. Incidentally the trip is a honeymoon and the bride is getting a great thrill out of the New York shops.

Lieut. Moore besides being an expert Radio engineer has a distinguished record as an aviator during the world war. He news of his plight after he had been news of his plight after he had been diffting on a wrected seaplane for eighty hours without food or water.

Arrive in California

news of his plight after he had been drifting on a wrecked seaplane for eighty hours without food or water.

Arrive in California

Last autumn Lieutenant and Mrs. Moore landed in California and began their tour to the eastern side of the continent, visiting Radio stations and apparatus manufacturers enroute. He comes from Sydney where he is associated with the Farmer's station, 2PC. This station began broadcasting only last March, but many of the most distinguished personages of Australia and the greatest artists and operas have been heard over its wave.

Regarding broadcasting in Australia, Lieut. Moore said:

"The regulations now in operation permit two "A" Class broadcasting stations in each of the five states and Tasmanic; these stations are remunerated from a license fee of twenty-seven shillings six pence collected by the government from each Radio installation, but no restrictions are placed on the owner as to the type of construction of his receiver.

The Listener Pays

"From each license fee the government retains five shillings and the remainder is divided between the two "A" class stations in the state, in proportion to their power and range and hours of service. In New South Wales, for instance, the two "A" Class stations are 2PC owned and operated by Farmer & Co., a large department store in Sydney, and 2BL, owned and operated by Broadcasters Limited. Station 2PL is 5 K. W. and transmits on a wave of 32 meters. The former station receives 70 per cent of the

TRUTH WHITEWASHES MILWAUKEE ELECTRIC

So-Called Interference Suit Only for Right-of-Way

MILWAUKEE.—A recent report that Radio interference had won a judgment of \$2,000 against the Milwaukee Electric Co. is entirely fanciful, according to G. W Van Derzee, vice-president of the com-

Co. is entirely fanciful, according to G. W. Yan Derzee, vice-president of the company.

"The case, that of Peter Walters ngainst the company, was brought to determine compensation to be paid by the company for right-of-way for steel tower transmission lines," Mr. Van Derzee said.

"A Milwaukee county court made a net newer of \$1,892 to the plaintiff and the supreme court upon appeal by the company affirmed the decision without opinion."

The record of the case, Mr. Van Derzee pointed out, contains only a single reference of eight words concerning Radio interference in which the witness, a neighbor of the plaintiff, states that there "might" be Radio interference that there "night" be Radio interference in the fort was made to prove this contention and on January 18, 1927, the plaintiff told Electric Co. employees who called at his farm that he had never complained of interference to Radio reception and that he did not detect any interference in declared.

The Electric Co. here is one of the pioneer utilities in having established a Radio trouble finding service.

GLADYS JOHNSON ON THIS ISSUE'S COVER

ACK to the Pacific coast we go for our cover girl of this issue. The fluffy-haired blonde who greets you this mid-February morning is the staff cellist at KGW, Portland, Ore, and her name is Miss Gladys Johnson. Miss Johnson is well known to Radio listeners throughout the territory from Alaska to Yucatan. She plays in concert and has been identified with some of the most famous orchestral organizations.

'Ello, 'Ello, 2FC



Lieut, and Mrs. E. J. T. Moore of Australia who are spending their honeymoon in America. Lieutenant Moore is one of the most prominent Radio engineers of the southern continent and is gathering useful information for his broadcasting station, 2FC at Sydney.

ticense money and 2BL is awarded the re-maining 30 per cent."

ucense money and 2BL is awarded the remaining 30 per cent."

Long Wave for Range
Until recently 2FC used a 1100-meter wave, according to Lieut. Moore, because it was believed that there was less discrepancy in the range between daylight, and night transmission. Very few Amorican Radio receivers are equipped to receive a 1100-meter wave and in order to conform to the generally accepted standard the shorter wave was adopted. "Australia has an area greater than the United States," explained the lieutenant, "yet we have a population of only a little over 6,000,000. Greater distances must be and are covered by our more widely scattered brondcasting stations. We are not troubled as you are with interference. A number of "B" Class stations is allowed, but these stations are of smaller power and are non-participating, being operated by companies and societies for publicity purposes."

PREPARE WHOZITS NOW-AVOID RUSH!

But Two Weeks Now Until Eighth and Final Section of Pictures Appears

The great hour approaches!
Have you begun to get your Whozit
entries into shape?
Fifteen days more and the last of the
Whozits will be ready for you to identify
and get into order for the big prizes. It
has been something of an endurance test
as well as game of reasoning and judgment.

ment.
Ingenuity will count. We all have a sense of proportion and orderly arrangement, perhaps a flair for fancy designing. Such a faculty can be used to good purpose in preparing the Whozit entries for the \$28,000 in prizes to be awarded by Radio Digest.

Last Whozits March 1

Tast Whozits March 1
Reinember, the last of the Whozit pietures will be published in Radio Digest March 1. After that there will be fitteen days allowed to complete identifications and arrange the entries for the competition, and then it will be up to judges to decide who wins. The last entry must be postmarked not later than midnight of March 15.
Contestants must remember that the rules state that only complete sets will be considered. That means if you are working from WHT or any other particular station you must turn in all sixteen of the Whozit artists whose pictures have been published in Radio Digest. If one or two games have been missed, the Whoziteer should obtain back numbers and fill in the missing faces at once to complete the set.

Stations Give Reviews

Stations Give Reviews

Stations Give Baviews
Some of the stations have arranged to
give a final review of all their artists
in order to help the Whoziteers check
up and make sure on the progress already
made. Pat Barnes of WHT was one of
the first to start a weekly review from
the beginning and has received many
letters from listeners in appreciation of
this special service.
You are on the home stretch now. Go
to it and may the best Whoziteers win!

SHORT WAVES

Little Jack Little; Marigold Cassin of WOC; WLW Phantom Clarinetist; "Joy Boy" of WKY; John Clark KMOXward; WJR's Bernice; Carlos Meier; Alwyn Bach of WBZ; Ralph Patt of WDAF; Henry Burr; Mr. and Mrs. Hired Hand of WBAP.

REBRUARY is the lucky month for birthdays. Look what happened to little George Washington and little Abraham Lincoln when they grew up! Statistics show that a large majority of the great people have had their birthdays in February. Wonder how that applies to Radio artists?

Jack Little was not born in February—LITTLE Jack Little. He always insists on both of those "Littles"—but he certainly ranks among the first in popularity. "Blondy" of Platt, S. D., is typical of Marcella's inquirers. She writes: "My favorite Radio star is Little Jack Little. I haven't been able to get a picture of him yet. I heard him say from Davenport that this is his last tour of the country. What is he going to do? I'd hate to think of not hearing him again." Here's the thumbrail, "Blondy," and I understand he is "doing" the theaters for a while. But do not be too despondent, the dear boy thinks he is through broadcasting—actually believes it himself—but I wager he'll be back some of these days. You wait and see.



"How should I go about it to get into correspondence with Marigold Cassin of WOC?" This and other questions of a personal nature comes from a young man who signs inmself George. It is written on hotel stationery at Rockford, Ill. Not mentioning George or his letter in particular I sat right down and asked Marigold all "I am flattered to death. I am flour foot eleven, have brown hair and green eyes. Anyway, I've been told they were green ever since the kids at school called me "Cat-Eyes." I am not married, having all I can do to worry about myself; but I like to dance, skate and play basket ball. So I don't feel like an old maid, even if I am twenty-three years of age. (I hate to say twenty-three years of age.

Several letters have been written requesting information about "The Phantom Clarinetist" of WLW, Cinc'i, Here is her picture. Many will be surprised to learn that she is a high shool girl and not a veteran concert entertainer playing in disguise. Introducing, Miss Luise Reszke, Thousands of inquiries were made at WLW; was "The Phanton Clarinetist" a man, woman, girl, boy or phonograph record? This thumbnall doesn't show the long braids that hang down to her walst.



Two letters, one from K. W. B. and another from "Cornella," ask for a picture of Herb Cook, "The Joy Boy" at WKY. Oklahoma City. Herb, just poke your head through the type here and let the ladies have a peek at you. As to particulars: Mr. Cook stands about five feet nine inches, is light complected and has gray eyes. Is he asked him and he did not state. Draw your own conclusions. He is known to the audiences at WWJ and WcX, Detroit; WDAF, Kansas City, and KVOO, Oklahoma City. He has written about thirty-five popular songs and his latest, "Oklahoma, I'm Coming Back to You," has just been officially adopted by the Oklahoma legislature as a state song.

"Station WSWS (Straus, Chicago) having blown up through wave length and ownership tangles, I am leaving tonight for St. Louis," writes John L. Clark, director-announcer. He adds, "My stay in St. Louis is indeterminate, but I am going to do production work with George Junkin, director at KMOK."

A gentleman signing the name of "Dixle" wants to know all about "Bernlee" at WJR, Detroit. And John Patt says of her, "That's a secret. However, I can say that she is neither married nor engaged. She plays the piano from WCX and WJR and owns a little Radio shop on the side."

Herbert C. Post of Wilmot, S. D., Old King Cole at WHO, informs me that L. Carlos Meier is still at the Capitol (Continued on page 4)

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Looking Ahead

"Green Mamba" Ends in a Way You'd Never Guess! The conclusion of this fascinating story will appear in the next issue.

After Having Put Together the First Seven Sections of Whozit, you wouldn't want to miss on the eighth and final section, would you? Get your First March issue early—order it now—for the demand is great. Remember the \$26,000 in

Mr. Elsby Will Give Good Advice to Radio Clubs in the next Radio Digest, on the newsstands March 1; the "State-City Index" of the Station Directory will appear, and in the same issue you'll find many other interesting and valuable features.

Special articles about proadcasting 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 heing inclosed. All manuscripts are sent at owner's risk,

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

CUT IN STATIONS DEEMED LIKELY

COMPROMISE RADIO ACT PASSES HOUSE

AIR CONTROL ADVOCATES NOT ENTIRELY HAPPY

Commission's and Commerce Department's Divided Powers May Lead to "Passing the Buck"

WASHINGTON, D. C.—The "Radio Act of 1927" is already a Radio law—or itsn't. As this story is being written, the house had pussed the compromise bill reported by the senate and house Radio conferees, and the senate had scheduled the bill for early action.

Following the senate's passage of the act, only the President's signature would be needed to make it a law, and ere this is read, it may have been done.

As the bill was carried by the house it provides the Federal Radio commission which was not favored by the President, as he is against any new commissions. It was pointed out, however, by those who are close to him, that this commission it is present form is only to function one year, after which most of its powers revert to the secretary of commerce.

They state that he will sign the bill. It is believed that Secretary Hoover is not dissatisfied with the bill, although it is not in exactly the shape that he would like to have it.

Better This Bill Than Mone

The real "low-down" on the matter seems to be that those who have Radio most at heart at the Capitol are pretty much disgusted with the bill but they realize if the bill is not passed as agreed to it would be impossible to get any legislation is better than none for another year.

The bill as it will become law will leave some powers with the department of commerce and give others to the new commission which will probably mean that it will be a matter of "passing the buck" from one body to another with very little becoming accomplished.

At any rate, as the bill is expected to become law, a Federal Radio commission of five members is created which will have complete control over Radio for one year, following which time it will have final authority in all matters of controversy coming from the department of commerce, which body will have initial control over all Radio matters after the first year.

President Appoints Commission of the secretary of the commission of books, etc.

At the end of the first year all of these powers are transferred to the secret

PRESIDENT ON 35 STATIONS FEB. 22

Record-Breaking Chain Commemorates 200th Anniversary of Washington's Birth

Washington's Birth

WASHINGTON. — For the first time since his inaugural, the people of the United States will have the opportunity to listen to their President, Calvin Coolidge, through the nationwide broadcasting of his address before a joint session of congress at 12:30 P. M. Eastern time on Washington's Birthday, February 22.

At this time the President will face a microphone connected to thirty-five broadcasting stations located in a like number of cities in the United States, from the Atlantic to the Pacific oceans.

The utilization of thirty-five broadcasting stations for the transmission of this event establishes a record tie-up for the broadcasting of a Presidential address. The largest chain ever used before for this

SHE'S TALENTED SEATTLE CELLIST



Miss Irls Canfield, aboyo, is a pride of the Northwest. She is not only beautiful but talented, and plays the cello masterfully. Her artistry is often heard from Stations KJR and KFOA, Seattle

purpose was on the occasion of President Coolidge's Inaugural, March 4, 1924, when twenty-seven stations comprised a coast-to-coast hook-up.

Stations Linked in Program

Stations Linked in Program

Following is a list of broadcasting stations which will participate: WEAF and
WJZ, New York; WEEE, Boston; WJAR,
Providence: WTAG, Worcester; WCSH,
Portland, (Me.); WTIC, Hartford; WGY,
Schenectady; WGR, Buffalo; WBZ, Springfield, (Mass.); WLIT, or WFI, Philadelphia; WRC, Washington, D. C.; KDKA
and WCAE, Pittsburgh; WTAM, Cleveland; WWJ, Detroit; WSAI, Cincinnati;
WLIB or WGN and KYW, Chicago; KSD,
St. Louis; WOC, Davenport; WCCO, Minneapolis-St. Paul; WDAF, Kansas City
(Mo.); WHAS, Louisville; WSM, Nashville; WSB, Atlanta; WMC, Memphis;
KOA, Denver; KPO, San Francisco; KGO,
Oakland (Cal.); KFI, Los Angeles; KGW,
Portland (Ore.); KOMO and KFOA, Seattle, and KHQ, Spokane.

Speaking in the House of Represonta-

Coatland (Cal.); KFI, Los Angeles; KGW, Portland (Ore.); KOMO and KFOA, Seatte, and KHQ, Spokane.

Speaking in the House of Represontatives, President Coolinge's voice will be "picked up" by microphone and brought by special telephone circuits to New York City. There it joins the distributing lines which carry the voice to the various sta-

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 mimerographed list of all Radio clubs and their addresses which this publication has on file. Other valuable information will follow.

ASK FANS FOR VOTE ON BEST ONES TO KEEP

Government May Be Forced Into Drastic Action to End Ether Chaos

Feel Pulse of Listener

CHICAGO.—Who gets the air?
Prospects are bright for a federal
Radio commission to rule the air as this

Radio commission to rule the air as this issue of Radio Digest goes to press.

Drastic and vigorous action is anticipated for the near future. How will it be accomplished? Nobody knows at this moment, but it is more than probable that there will be a trimming of licenses and many a steel antenna tower will be coming down to earth before many weeks have passed.

Which and whose towers will be swept away by the commission?

That's another problem. Radio Digest hurries to ask its readers which of the broadcasters they would vote to be preserved.

brondcasters they would vote to be preserved.

Radio Engineers Cite Crowding
Doubtless an expression from a large
number of Radio Hsteners would bear
weight with the commission when it comes
to awarding Heeness to those stations
destined to continue with their programs
after the superfluous stations have been
eliminated.

Radio engineers give it as their expert
opinion that by a proper division of time,
utilizing the entire twenty-four hour
period, only four hundred broadcasting
stations could operate successfully without interference. At present there are considerably over six hundred stations
the air with only such time regulation as
they choose to adjust between themselves.
There is only so much air time to be
had. After that, there "isn't any more," as
Ethel Earrymore says.

There is only so much air time to be had. After that, there "isn't any more," as Ethel Barrymore says.

What Stations Are Desired?

Who gets this air?

Let's hear from the Radio listener. Whom do the listeners declare to be the most desirable stations?

A bullot for listeners is printed at the bottom of this page. Name ten of your-favorite broadcasters, particularly those in your own vicinity. If you want to vote for a chain program vote for the station through which you hear this program, rather than the key station.

Here is an opportunity for every Radio listener to speak up for the station he likes best. You have been tuning in night after night and getting your pleasure from a group that often does not exceed ten (if you could help it) and you have probably on numerous occasions jumped up from your dials in a furious rage because some station you did not care for lapped down on your favorite wave whining a distracting whistle into your cars.

Here's Your Chance to Vote

You probably have had the unhappy experience of tuning in your favorite station only to find the program ruffled by an undertone of jazz or lecture from a station not on your list of favorites.

Now is the time to indicate the stations you want to hear before the commission begins putting the axe to the antennas. All of these ballots will be sorted and counted so that the stations receiving the most votes will come to the top in order of popular preference.

Get out your pencil, pick up your shears, mark your ballot and mail it NOW, because if you put it off you may forget it. Who gets the air with regular wave licenses?

Unannounced Circuit Keeps

BALLOT FOR FAVORITE STATIONS

Who will remain on the air with broadcasting licenses?

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

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

1	2	3	4	5
6	7	8	9	10
City and Sta	.te			

Unannounced Circuit Keeps Van Horne Tube Plant Busy

CINCINATI.—It is understood that contracts with several leading set manufacturers call for the delivery of production quantities of a new Van Horne tube which is to be used in a new and unannounced circuit.

The demand for this new tube and another special Van Horne Tube will make all-summer production necessary according to reports.

ing to reports.

When the new circuit will be divulged

when the new circuit will be divulged is not known.

The Van Horne company, located in Franklin, Ohio, has recently increased its capital stock. J. S. Van Horne is retained as president.

"Microphone Voice May Be Cultivated By Practice" Says Rosaline Greene

Girl with "Perfect Radio Voice" Who Is Star Audio Player at WGY Tells What She Believes Are First Needs for Success-Receives Touching Tribute

By Marshall Taylor

A S THE world grows older and wiser many new little pockets are created where persons with odd characteristics may fit in to fulfil a destiny that might in tother days have been blighted. Rosaline Greene, according to Eric H. Faimer, is the girl with the "Perfect Radio Voice." It complies with those eccentric and unique demands of the super-sensitive microphone which are imperative for best results in brondensting. Because of this peculiar talent and ability to use it Miss Greene holds a trophy cup awarded by the 1926 Radio World's Fair as a token of her superiority.

peculiar talent and ability to use it Miss Greene holds a trophy cup awarded by the 1926 Radio World's Fair as a token of her superiority.

"And, what is a 'perfect Radio voice?" inquired Mr. Palmer.

"Tolls Qualities of Radio Voice
"A certain quality of resonance is perhaps the first requirement," answered the former leading lady of the WGY Players. "This calls for placing the voice where it receives the utmost re-enforcement. My unusual lung capacity, with an unladylike chest expansion of four inches, I am told, aids me here. The next, I think, is richness due to overtones in the voice.

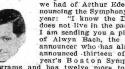
"This I possess at the sacrifice of song; for as a child I had a lovely singing voice while now, it seems, all the music has entered my speaking voice and left me unable to sing at all."

Bacetves Touching Tribute
Miss Greene's shillty to adapt her voice to a great variety of characters was demonstrated with amazing results during her Radio drama career at WGY. Schemectady. "These characters included the massing contained with a suffering Madam. The whiskey voice of a suffering Madam. The mass I consciences of a woman of the streets. No costume nor makeument of the streets and the propensity for creating a living character."

Speaking of her "precious fan letters," Miss Greene said: "The most touching which a wounded soldier of the air cut from his uniform as a tribute of his appreciation."

SHORT WAVES By Marcella

(Continued from page 2) Theater in Des Moines and, if you have not already heard him, there are pros-pects that you soon will.



J. E. Murley of WBZ, the far-flung Boston and Springfield station, writes to Marcella, referring to a recent thumbnall we had of Arthur Edes announcing the Symphony last year: "I know the Digest does not live in the past, so I am sending you a picture of Alwyn Bach, the WBZ announcer who has already announced thirteen of this year's Boston Symphony programs and has twelve more to go." These concerts go over the Blue Network, with WBZ as the key station. I take great pleasure in presenting to my readers this thumbnall photo of Mr. Alwyn E. W. Bach. (No, my dear, not Batch, but Bach, I, believe he is, but I'm only guessing.)

One of the youngest and best looking announcers at any of the more prominent broadcasting stations, in my opinion, is the young man who glances at you from the edge of this paragraph. This is Ralph, the younger of the two Patt brothers of Kansas City. The other brother is John and he has recently joined his former director, Leo Fitzpatrick, at WJR, Detroit. Ralph continues to announce from WDAF. He has the darlingest big brown eyes, a beguiling wistful smile, and when he gets a little older—I believe he is still in his teens—he is going to be exceedingly popular with my fair sisters.

IS YOUR VOICE LIKE THIS YOUNG STAR'S?



voice like Rosaline Greene's? She ga is your voice page Rosanne Greene s? The gave up a singing career to develop resonance and control for variety of audio drama roles in her work at WGY. Read what she bus to say about the perfect Radio voice,

see here, but you will immediately associate the name of Henry Burr as one of the singers with the Goodrich programs. They are one and the same. Henry Burr is one of the best beloved of the famous Zippers. His fame began as one of the regular recording artists of the Victor Talking Machine Company. He is matured and safely past the age of flaming youth. In fact, he has a grand-daughter five years old. But he has grown with human understanding and feeling, and this he has been able to put into his voice, as many Radio listeners will agree.

H. H. says himself, "there are no little tilred Hands—not bragging about that, of course—just teiling it." The topknot? "Sort of a dark bay (when clean)." However, he says of the Sunflower Girl, whom romantic listeners imagine to be his inamorata, "The Sunflower Cirl is a very attractive, little, red topped, 104-pound batch of interesting personality; and the thing that causes me to be rather wildly enthusiastic about her is that she is not on a diet and is not trying to reduce. She is in love—but not with the Hird Hand—and he ought to know, because she told him so forty times." So, that's that.

"Gladyce" wanted to know about the Smith Brothers, "Trade" and "Mark," and now I am officially Informed that the whisters so familiar to those subject to relief for laryngeal disturbances have nothing to do with static or interference in Radio reception. In fact, the Smith Brothers are just a couple of boys, "Scrappy" Lambert and "Billy" Hillpot, who made a name for themselves as organizers of the student orchestra at Rutgers University. During the last summer they were associated with Ben Bernic in a sories of entertainments over the WEAT system.

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

C. B. A. Benefit Party To Feature Air Artists

Chicago Broadcasters Prepare for Annual Performance

Annual Performance

CHICAGO.—The members of the Chicago Broadcasters Association have selected Monday night, February 28, as the date of its annual benefit performance, at which time the twelve member stations will cooperate in a joint program to be held at the Rainbo Gardens.

Nine to eleven will be occupied by personal appearances of Radio stars from the various stations who will be introduced by the station director or one of the announcers. Charles Bribstein, Chicago attorney and former owner of WTAS, now WLIB, will be master of ceremonies.

and when he gets a little older—I believe he is still in his velce, as many kadio listeners will agree.

will agree.

will agree.

will agree.

Will agree.

Once more I must proclaim to half a dozen inquirers that the Hired Hand at WBAP, Fort Worth, Tex., is married. His wife is Mrs. Harold Hough and, as the Florida Broadcasting Station, Inc., here.

WOMAN'S PROGRAM INDEX (Daily Unless Indicated)

Household Economics, Women's Hour, Etc.

			•
Eastern	Central	Mountain	Pacific
9:30 a.m. WWJ (352,)	m-850kc). T	7:30 onight's dinner	
WIP (508.2)	n-590kc), Me	nu, Tues, Thu Homemakers' cl 8:15	rs, Sat.
10:15 KDKA (30	9:15	8:15	ub, Tues. 7:15
Tues, Fri.	9.8m-970kc), 9:30		
10:30 KVOO (374 WTAG (545	8m-800kc), 1	8:30 Mothers' hour.	7:30
10:40 WEAR (40	9:40	8:40	7:40 r. Mon.
Wed, Fri.	5m-760kc)	Betty Crocke	r. Mon.
Wed, Fri.	9:45	8:40 Betty Crocke Betty Crocke 8:45 etty Crocker, M 60kc), Mon, Ved, I Home service ps 8:55	7,45
KDKA (309.	lm-970kc), B	etty Crocker, M	Ion, Wed,
WTAM (389,4m-770kc), Mon, Wed, I	ri.
10:55 KSAC (340.	9:55 7m-880kc), F	8:55 Housewives' hal	7:55 f hour.
71	10		
WOI (270,1) Thurs, Fr	n-1110kc). B	olly Porter, lomemakers ho	ur, Tues,
WSB (428.3	m-700kc), H	loniemakers ho	ur. 8:10
WEAO (293,	9m-1020kc), 10:15	Homemakers' h	8:15
WCAE (461	.3m-650kc), 10:35	Women at bom 9:35	e. 8:45
11:45	10:35 4m-560kc), T 10:45	able talk, 9:45	8:45
Betty Cro	cker, Mon.	9:45 WDAF (365.6) Wed, Fri. ome economics, 10 Prudence Penn	m-820kc),
12 n. WERH (170	11 12 2m-910ha)	nme economics, 10 Prudence Penn	9
WQJ (447.5	m-670kc), H	Prudence Penn ome economies. 10:15	y. 9:15
KMOX (2) hints.	30.2m-1070kc		bousehold
12:30	11:30	10:30	9:30
Tues Thu	IS.	Sylvia the bi-	- a i - d
12:40	11:40	10:40 Lydia Flanders,	9:40
12:45	11:45 5m-570kc), R	10:45	9:45
12:55	11:55 7m-880ke),	10:55	9:55 If hour.
KFI (467m	12	11	on, Wed,
Fri.			
WSOE (245		Ladies bour, 1 11:30	
RNX (336.) Daily ex	9m-890kc), I Sat, Suo.	Household e	conomics.
KPO (428.3	12:45 m-700kc), Be	11:45 etty Crocker, M	10:45 ion, Wed,
Fri. 2:05	1:05	12:05	11:05
WJZ (454.3 2:10	m-660kc), Pr m-660kc), Dr	12:05 rudence Penny, aily menu, ex 5 12:10	Sat. 11:10
KGÖ (361.2	m-830kc). Pi	rudenco Penny,	11110

Eastern Central Mountain 2:15 p.m. 1:15 12:15 11:15 KOIL (305.9m-980kc). Shopper's aid. W.Z. (454.3m-660kc). Dennison craft, Mon. 17:25 4:4 3m-6612. Ch. 12:26 11:25
2:15 p.m. 1:15 12:15 11:15
KOIL (305.9m-980kc), Shopper's aid
WJZ (454.3m-660kc), Dennison craft, Mon
2:25 1:25 12:26 11:25
WIZ (454.3m-660kc), Shopping service Mon.
Z:25 1:25 12:26 11:25 12:26 11:25 WJZ (454.3m-660kc), Shopping service, Mon. 2:30 1:30 11:30 XEVIK (461.3m 660kc) W 12:30 11:30
KFNF (461.3m-650kc), Women's hour.
KFNF (461.3m-650kc), Women's hour, KJR (348.4m-780kc), Shopping news,
3 2 1 12
WCCO (416.4m-720kc), Women's hour, Wed, WHB (365.6m-820kc), Ladies' hour, Mon, Wed,
WHB (365.6m-820kc), Ladies' hour, Mon. Wed.
Fri,
WSOE (246m-1220kc), Cooking chats, Mon.
WSDE (246m-1220kc), Cooking chats, Mon. WIP (508,2m-590kc), Market hints for house- wives, menus, Mon. Tues, Fri. WIZ (454,3m-660kc), Your daily menu. 3:15 2:15 WHO (526m-570kc), Recipes, household hints, Tipes
wives, menus, Mon. Tucs, Fri.
WJZ (454.3m-660ke), Your daily menu.
3:15 2:15 1:15 12:15
WHO (526m-570kc), Recipes, household hints,
3:30 2:30 1:30 12:30
WHK (272,6m-1100kc), Housekeeper's chat.
W1.S (344.6m-870kc), Homemakers' hour.
WLW (422.3m-710kc), Cooking chat, Wed.
3:45 2:45 1:45 12:45
3:30 12:30 12:30 12:30 12:30 WHK (272.6m-1100kc), Housekeeper's chat. WLS (344.6m-870kc), Homemakers' hour. WLS (422.5m-210kc), Cooking chat, Wed. 2145 12:45 KPMF (461.3m-650kc), Ladies' hour, Mon. Tues, Turrs, Fr. (461.3m-650kc), Ladies' hour, Mon. Tues, Mon. Mon. Tues, Mon. Mon. Mon. Tues, Mon. Mon. Mon. Mon. Mon. Mon. Mon. Mon.
Thurs, Fri.
WIP (508.2m-590kc), Market hints for house-
WIF (308.2m-590kc), Market hints for house-
wives, Tues. WOC (483.6m-620kc), Aunt Jane. WQJ (447.5m-670kc), Home economics.
WOT (447 Sm 670kg), Aunt Jane.
4:30 3:30 2:30 1-30
4:30 3:30 2:30 1:30
KMOX (280.2m-1070kc), Housewives' hour.
WLS (344.6m-870kc). Housewives' hour.
FOA (200 4- 020)> T 3 2
KOA (322.4m-930kc), Housewives' matinee. Tues, Thurs, Fri.
MOS (440 On COOL) No.
Tues, Thurs, Fri, WOS (440.9m-680ke), Mon, Thurs, 5:15 4:15 3:15 2:15
5:15 4:15 3:15 2:15 KYW (535.4m-560kc), Meat talk, John Cutting,
Mon.
WMAQ (447.5m-670kc), Mothers in council,
Wed.
6:30 5:30 4:30 3:30
KOA (322.4m-930kc), Question box, culinary hints, Tues, Thurs, Fri.
hinte Time There Fri
WLW (422.3m-710kc), Cooking school, Wed.
KGO (361.2m-830kc), Hints for housekeepers. Wed
Wed
KUOA (299.8m-1000ke), Helpful hints, 9:30 7:30 6:30
9:30 8:30 7:30 6:30 KOB (348.6m-860kc), Housekeepers' chat, Mon.
with 1404.

"Aunt Sammy"

		ŧ.
Central	Mountain	Pacific
6m-950kc) N	fon.	7
9:30 0.7m (000kg)	8:30	7:30
9:50	8:50	7:50
10	9	8.
m-680kc).		
3.8m-1230kc)		9
12:10	11:10	10:10
12:15 ,3m-660kc),	11:15	10:15
	9.50 (m. 950kc) N 9.30 (m. 9.50 (m. 9.	Central Mountain .600-950kc) Mon. 81:30 9.7m-600kc), WHO (526m 7m-600kc), WHO (526m 7m-600kc), Bigs 9m-1020kc), Bigs 10 3.3m-1230kc), 10 3.3m-1230kc), 11 1210 Utility 1210 Utility 11110 1210 Utility 11115

	Central 12:30	Mountai 11:30	n Pacific 10:30
1:45 WDAF (365.6m	12:45	11:45	10:45
KOIL (305.9m-9	1	12	11
3 KMA (461.3m-6	2	L (299.8t	12 n-1000kc).
	Z:30	1:30	12:30
WOC (483,61n-6	3 20ke).	2	1
KFXF (249.9m-	5 1200kc), T	ues, Thu	rs, Fri.
WDBO (239.9m- 8:30 KFDY (299.8m-	-1250kc), 7: 30 1000kc), W	6:30 /ed. Thur	· 5:39

	W	omei	1'8 C	lups	
. 11 a.n	3.	Central 10 -750kc),	9		Pacific 8
WOI (270m-1	110kc),	Federate	ed Wor	nen's club,
WNAC	(430,1	10:30 m-697kc)	, Wome	n's chi	8:30 h.
WLIT	p.m. (394.5m	1:30 -760kc),	Tues, R	!:30 epublic	11:30 in Wonien,
3:45		n-720kc), 2:45	1	+45	ıb.
WRAL	(245.8	m-1220kc nics; Th). Mon	. curre	nt events:
4.05		-990kc), 3:05	-	2.05	1.05
WCCO tion Voter	(416.4n of Wo	n-720kc), omen's	Mon, :	Minneso Tues.	ta Federa- League of
					2:15 deration of
KNX	(336.9m en's ch	-890kc), ubs, Fri.	L. A.	Dist.	Federation

Fashions and Sewing

Eastern 12:30 p	Central	Mountain 10:30	Pacific 9:30
WQJ (4:	17.5m-670kc), 8	10:30 Style talk,	70:35
KPO (4)	28.3m-700kc),	11:35 Fashion critie,	Fri.
lessons	3.), Excella dr	
WJZ (45	4.2m-660kc), '	12:20 Wed. Fashions.	11:20
WOS 14	40.9m-680kc),	Fanou moule	1
Thurs.	Pri.	4:45 Fashion revie	
WrG (2	6:55 99.8m-1000kc),	5:55 Fashion flashe	4:55 s. Tues.
wcco	7:45 (416.4m-720kc)	6:45 Jeanne Gray.	5:15

n Central Mountain Pacific 0 p.m. 9:40 8:40 7:40 (405.2m-740ke), Fashions, Paggy Hamil-

Health and Beauty

Eastern 10:45 a. m.	Central 9:45	Mountain 5:45	Pacific 7:45
WTAM (389	4m-770kc), 10	Mountain 5:45 Tues. 9	8
		10:45 Beauty, Lilli	
KMTR (37)	12:15 0.2m-810kc),	11:15 Dict quest	10:15 ion box.
1:30 KFON (232.4	m-1220Kc),	11:30 Physiology of	beauty.
WOS (440.9n	1-680kc). Fle	3 aith talks. To	2
WKAR (285	.5m -1050ke).	5:15 Feb. 25, di	4:15 et essen-
8:30 WEAO (293	7:30	6:30	5:30
10:40	9:40	8:40 Phillip M.	7:40 Lovell,
10:45 KNX (336.9r Tucs.	9:45 n-890kc), Di	8:45 r. Robert T.	7:45 Williams.
A MUS.			

Child Care; Training

| Central | Mountain | Pacific | 19:55 a.m. | 9:55 | KS.AC (1340.7m-880kc), Child care. Fri. | Will (270.1m-110ke) | Some New Methods of Child Training. Dr. Come New Methods of Child Training. Dr. Come New Methods of Child Training. Dr. 19:58 | Royal (122.4m-939kc). "Diet and Health." 21:5 | KOA (122.4m-939kc). "Diet and Health." 21:5 | KNN (336.9m-800kc), Dr. Wayne D. Burr, Wed. WOA (220.8m-1000kc), Ps. 19. 17. Ruiking a vocabulary in carry childhood; Publing a Vocabulary in carry childhood; Ps. 24. Science for young children: Mon. Feb. 28. dressing the child.

Interior Decorating

 Eastern
 Central
 Mountain
 Pacific

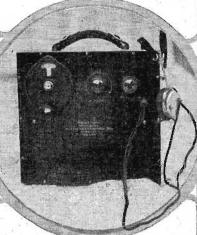
 2:20 p.m.
 1:20
 12:20
 11:20

 VIZ (454.2m-660kc)
 Interior decoration talks

 Tues.
 ...
 ...
 145 21-45 200-698kc), Interior decoration talks, 24-5 WOR (405.2m-740kc), Interior decoration, 5-15 2.44 4-15 3-15 KO, 10-2 10-15 2-15 2-15 KO, 10-2 10-15 KO, 10-2 10

cranton Fights







Left and right, the author himself, C. R. Elsby, who is secretary of the Lackawanna Radio Club, of Scranton, Pa. Mr. Elsby's club has eight hundred members and employs an expert trouble shooter in running down mysterious ether noises to their lair. Above, and held by Mr. Elsby at the right, is a Davis Trouble Finder, a most helpful "close range" noise detector. This club always is looking for trouble and finding it.

N February 5, 1925, a large number of Radio fans met in the studio of Station WOAN of the Scranton Times and discussed plans for a permanent organization of adult Radio fans, with the main object of locating and eliminating man-made interference. For ty-seven persons signified their desire for such an organization and, on March 6, the Lackawanna Radio Club was organized in the same meeting place.

Since that time semi-monthly meetings have been held, without exception. The organization members now number seven hundred and eighty. To the four fans who first conceived the idea, who worked up interest in the first few meetings and who still continue their activities, belongs all the credit for this and what will eventually be a big factor in a future national organization of broadcast listeners.

Meet Electrical Problems

tually be a big factor in a future national organization of broadcast listeners.

Meet Electrical Problems

Scranton is not only the metropolis of the Anthracite Coal Fields but the second city in the production of silk. In it are located factories preducing underwear, textbooks, stoves, bolts and nuts, pumps, motor trucks, beds, dyes, white lead, boxes, lace curtains, planos, steel castings, knit goods and a multitude of other products. The motive power for the machinery in these establishments is electricity. It has an extensive street rallway system evolved from the first street car ever run in America.

Extensive use of, electricity in Scranton and the great prevalence of power lines created a serious problem for the new Lackawanna Radio Club. It was decided to follow the lead of the local automobile club with its successful membership of 10,000. "Let our motto be: 'As the motor club is to the motorist, so the Radio club to the listener," they said.

For several months various members, using their own automobiles, carried a standard Radio set with its necessary batteries, around the city, endeavoring to locate interference with small success.

A Trouble Shooting Set

teries, around the city, endeavoring to locate interference with small success.

A Trouble Shooting Set

In the meantime, the Radio Corporation of America had been using a portable super-heterodyne for locating interferences throughout the country, and were about to place a similar model on the market. (The RC-20). Feeling that this was the set needed the club purchased one, to their complete satisfaction. Work then started in earnest.

The local power producing company gave whole-hearted cooperation. The president of the corporation passed the word down to his subordinates to give every assistance possible to the Lackawanua Radio Club, and results verified the fact that his orders are being compiled with. Their own central plant and booster stations were found to be perfect, thus increasing the work ahead of the club, since any interference must be found along the lines or in the places where nower is being used.

The main object of the club, as has been stated, was the location and elimination of man-made interference. The ultimate aim was to have a paid trouble shooter, with an automobile truck, properly equipped for the work, when the finances

UCCESS Rewards Listeners Who Wage War Against Man-Made Interference

By C. R. ELSBY

(Sec'y Lackawanna Radio Club)

(See y Lackawan and membership of the organization might warrant. In the meantime, a great deal of effectual work was being accomplished. Fourteen members (seven of whom own automobiles) volunteer their services. Bach night of the week, two of these volunteers work together. One drives the car and the other handles the trouble set. All members are furnished, gratis, with return post eards on which they may report their interference. The chairman of the Interference Committee sorts out these cards and assigns them to the volunteer trouble shooters for attention.

Ioe Cream Cabinets Disturb

Innumerahie disturbances of local nature have been located and promptly remedied. The greatest source of complaints,

MOTOR

ARMA-

TURE BRUSHES

"CLARIFIER"

lce cream cabinets, electric refrigerators, oil burners and other devices driven by motors, ungrounded on either of the two supply lines, are great sources of "man-made" interference. By placing 2 mid. condensers in series with the motors are "fused" with more than 115-ampere fuses, insert 5-ampero luses at two points marked a.

which interfere with reception within a few blocks, has been found to be in ice cream cabinets, electric refrigerators and oil burning furnaces. The organization purchased condensers of various capacities, in wholesale lois. These they sell to owners of offending equipment at cost price. If the owners refuse to purchase, then the club, with their consent, apply the condensers without cost. However, only a few cases have been found where the owners of offending electric equipment refused to cooperate with radio fans and the club.

and the club.

Occasionally, a disturbance which is characterized as a "big noise" appears and affects fans within a radius of a few miles. During the winter of 1925, such a disturbance appeared in a section of the city and affected reception for a radius of about two miles. The volunteer trouble-

GROUND

2MFD.

and the club

shooters visited the homes of complaining members and obtained "directions" on the noise. That is, they listened to it on their portable set, turning the loop to a point at which the noise was loudest, making a line on a map of the city, showing the direction in a southwesterly direction at one home, and other directions at other homes.

All of these lines intersecting at a certain point, it was self-evident that the disturbance emanated from that particular locality. Visiting that locality, it was found that the noise appeared strongest on the portable set at one pole carrying 23,000-volt high tension lines, indicating that here was the source of the trouble. The matter was reported to the power

SERIES FIELD 0000000000 IIO V. 2MFO.

When one of the two supply lines is grounded on a "series commutator" motor, one 2 mid. condenser, applied across brushes as shown, will often stop the noise. If power supply leads to series field is the one that the one going to series field is the one that the one ground to the series field is the one of the stop of the series field is the one of the series field is the one of the series field is the one of the series field is the series field in the series field is the series field in the series fi

company, who sent workmen to the scene the next day with a portable set. They reported back, however, that everything was as it should be, and their set showed nothing unusual.

was as it should be, and their set showed nothing unusual.

Noise Disappears

That night, and several after, the interference locaters visited that location and the noise had disappeared, in that tantalizing manner that makes a good Radio set refuse to function when visitors drop in. Shortly after, the noise became obnoxious again, and again the trouble shooters visited the scene, with the same results. The noise had disappeared when they arrived. Finally some bright inind conceived the idea of kicking the pole. The interference immediately commenced.

Taking a large iron bar, and striking the pole, it was found that the disturbance could be started and stopped at will, thus proving that disturbance was on the spot. Night men from the power company were soon, on the scene and one climbed the pole to inspect a transformer there. As he passed through a network of wires, the noise commenced, again.

Taking one wire at a time, he shook each one, and discovered that one came in contact with a heavy guy wire between two poles, making an arc that was scarcely perceptible, but due to the high frequency of the line, was carried along. The reason for the erratic conduct of this "big noise" was then apparent. The vibrations of the wind or caused by heavy vehicles passing the poles, started and stopped the noise. The matter was quickly repaired and that disturbance became a thing of the past for radio fans in a radius of about two miles.

Newspaper Plant Noisy

thing of the past for radio fans in a radius of about two miles.

Newspaper Plant Noisy
Recently another "big noise" appeared, which therfored with fans in a radius of three and a half miles. Strangely enough, many fans in the area of the above mentioned interference were affected by this noise, which lasted for about six months, before it was located. In character it was similar to the first noise, except the intensity was greater. To many fans it sounded like a violet ray machine, but after considering the wide range of interference, he idea of violet rays was abandoned, proving, as later shown, that in locating interference, nothing is to be taken for granted. The area of disturbance was so great that the Interference Committee found it necessary to cover, practically, the entire city, to obtain directions, which indicated a local newspaper office, with very poor electric equipment, which was partly remedied, without effect, however, on the big noise.

Trolley companies and their power plants

Trolley companies and their power plants

Trolley companies and their power plants were blamed, huge flashing signs were blamed and many other causes, except the right one, again showing the fallacy of jumping to conclusions.

Cover Entire City

Finally return postcards were sent to every member, asking if they experienced the big noise, to tune their sets for two consecutive nights and report on the card, its intensity and loop direction, at maximum. Upon receipt of the cards, the various directions were plotted on a city map, most of the lines intersecting near the central, or business, section of the city.

map, most of the lines intersecting near the central, or business, section of the city.

Taking the portable set, two members of the committee made a survey of the central city and noticed that at one central room, the loop showed no direction. The noise was terrific, regardless of the direction of the loop, evidencing the fact that noise was emanating from some nearby point.

A Davis Trouble Finder (which is highly efficient for short range work), manufactured by the Davis Engineering Company, 67 Wail street, New York City, was emilsted and led the men to a firm of physicians who used a powerful violet ray machine in treating patients. The physicians, however, increased the area of trouble, by using a suspended extension cord, so that they might treat more than one patient at a time, thus creating a veritable broadcasting station of interference.

As in most ceses, they were cleaked.

As in most cases, they were glad to co-operate, when they realized the effect (Continued on page 11)

CROSLEY 1927 RADIOS

Each set giving the utmost in radio enjoyment at its price. All prices slightly higher West of the Rocky Mountains. All prices are without accessories.



The 5-50-\$50





"6 Tube RFL-90" Console, \$98

Introducing the double dru station selector! Crosley winning non-oscillating pe-lectly balanced tuned rad set. Includes Musicone ski







"-as long as I can pick up 27 programs in 30 minutes beside our 3 locals interference won't bother me

I sat down the other night with this Crosley set. One control. Beginning at one end of the broadcasting wave band, I tuned in 27 stations, loud and clear, just like the Cincinnati stations, three of which were going full blast. I listened to each program; identified it; didn't hear any others in the background, and passed on to the next,—all with one finger. It was between 7:00 and 7:30 P. M. Central Standard Time.

The air was certainly full. Some of the stations were less than a dial marking apart. It is amazing how the jiggers they call "acuminators" helped on such fine separation.

Even using a hundred foot aerial the local stations were easy to go through. One of them only a few blocks from my home.

Some radio, I call it! \$50.00 seems too little. I'd like to see some two hundred dollar sets do as weli!"

Write Dept. 49, for Catalog.

The Crosley Radio Corporation CINCINNATI, OHIO Powel Grosley, Jr., Pres. Crosley sets are literated under Armstrong U. S. Patient No. 1, (17), 149, or under patient applications of Radio Frequency Laboratories, Inc., and other patients issued and pending.



00__ LOCAL 907 The above scale reading shows how stations picked up by Mr. X—appeared on the Crosley graphic drum station selector.

LOCAL

20

40

Name on request.



CROSLEY 1927 FEATURES Many exclusive—others found only in highest priced radios.

priced radios.
THE "CRESCENDON"
When, on ordinary radios,
earn must strain to catch
a station miles away, a turn
of the Crescendon on Crosley radios instantly swells
reception to room filling
volume, An exclusive Croslay feature.

ALL-METAL SHIELDED CHASSIS
This truly great radio achievement, found in everal Crosley, set, furnishes a subtantial frame for duces weekler alienment of condensers, shields the units from each offer, prevents interetage, furnoves the stability of the Creat, increase seekers with the stability of the creat, increase seekers with the stability of the creat.

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THE SINGHE-DRUM
STATION SELECTOR
Nothing in radio equals the
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The GREEN MAMBA

PRIDE, Folly, Love and Reproach Mingled Unseen
Among the Guests at the Jarrold Mansion, Weaving a Strange Fate
for the Exquisite Alda and Clandon of Africa

TEPHEN JARROLD eved Biff and Tom with particular distaste because one of these two youths seemed destined to become his son-in-law. Tom's distinction in a critical set was due to a peculiar complex which manifested itself in a detestation of the lesser of the two

By WYNDHAM MARTYN

Illustrations by W. O. ROBERTS



Tom Coryell looked at the speaker almost insolently.
"You must come from the middle of the Dark Continent," he sneered.
"I do," said Clandon unexpectedly. He disliked Coryell on sight. "But that hardly answers my question."
Tom raught hold of the arm of a tall blond boy who was passing.

"I'm not really elderly," Clandon smiled, "and I also dance."
"We'll have our chat nevertheless," the other snapped. Then his manner grew more genial. "Will you join me in a cocktail?" No king could have unbent more obviously than Stephen Jarrold.
"This must seem a curjous crowd to you," he said a few moment later. It was unlikely, he supposed, that Onslow Clandon had ever had the opportunity to mix with guests in a great house like this.

Great house like this.

URHOUS seems the wrong word," he returned. "If you had said a breinless crowd, or an unthinking crowd, I might have agreed with you."

"I'm afraid," said his host, "that some member of it has offended you."

"I suppose that's true," Clandon commented. "That boy with the smilling face and cruel eyes irritated me."

"His father is the president of one of our greatest banking houses. He can afford to may for Tom's squandering. You moralist should remember that even extravagances are relative."

"I've never been called a moralist before," Clandon observed. "What makes you say that?"

"Because I feel you exhale an atmosphere of disapproval which is one of the signs by which moralists may be known."

Jarrold was quick to take offense at any strictures on the habits and hobbies of his set. While he might criticize as bitterly as he chose, it was not permitted an outsider to do so. Clandon was thus reminded of the social differences between poor travelers and the idle children of the very rich.

Clandon noticed that the crowd of guests was giving way to permit the passage of a sedun chair carried by two young men. It was headed for this alcove in which a footman stood serving cocktails.

Radiophone Broadcasting Stations

Corrected Every Issue-Part IV-Feb. 15, 1927

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

United States (Cont'd)

am. Sun, 10 am, service. 12 n., 2. service; 3:30, symphony; 6-7, twilight; 10-10:30, som service. Eastern. WIUG, New York, N. Y. 516.9m-580kc. Uda Benjamin Ross. WJY, New York, N. Y. 405.2m-740kc. 5,000 watts. R. C. A. WJZ, New York, N. Y. 445.3m-660kg. 50.000 watts. R. C. A. WIZ, New York, N. Y. 454.3m-660kc, 50,003 and variable power, R. C. A. Manurcel by National Broadcasting Co. Announcer, Michot Process. Daily and Sun, 1-2-40 pm, 4;30-5. Sun, 9-10 am; 11-21:30 pm; 4-5:30, 7-10:30. Eastern. WKAF, Milwaukec, Wis. 260,7m-1150kc, 550 watts. Hatel Amters. Aunouncer, Robert F. Hall, Mon, Fri, 8-9 pm; Wed, 7-8 pm, 9-10. Sun, 4-6 pm. Central.

Eti. 8-9 pm; Wed. 7-8 pm, 9-10. Sun. 4-6 pm.
Wed. San Juan Parto Rico 240, 7-8-80k. 50.
Were the World's Best Coffee of Enchantment. Where the World's Best Coffee of Enchantment. Find Mon. 9-10:30 pm. 9-10:30 pm. 6-10:30 pm.

Co. WKBB, Joliet, III. 282.8m-1060kc. 100 watte. Sanders Brothers. Wed, 6:30-8:30 pm. Thurs, Sun, 8:30-12 WKBB, WKBB, Jersey Chy. X. 225m-1333kc. H. Ansley. WKBD, Jersey City, N. J. 235m-1276kc. Frank V. Bremer.

Bremer.

WKBE, Webster, Mass. 270.1m-1110ke. 100 watts.

K. & B. Electric Co. Mon. 8-12 midnight. Eastern,

WKBF, indianapolis, Indiana. 244m-1229ke, Noble B. Watson WKBG, Chicago, Ill. 215.7m-1390kc. 100 watts. C. L. Carrell, (Fortable.) WKBH, LaCrosse, Wis. 249.9m-1200kc. Callaway

Music Co. WKBI. Chicago, Ill. 220.4m-1360kc. Fred L. Schoen-St. Petershurg, Fla. 280m-1071kc. Gospel macle Inc. Monroc, Mich. 252m-1190kc. Mourona Radio WKBL Monroe, atten. 25601-12505. Mig Co. WKBM, Newburgh, N. Y. 285.5m-1050kc. John WKBM, Yonestown, Obio, 360m-832.8kc. Radio Electric Service Co. 2000-0001kc. Camith

tric Service Co. WKBO, Jersey City, N. J. 303.9m-980kc, Camith Corp. WKBP, Battle Creek, Mich. 265m-1131kc. Battle Creek Enquirer and Mews. W. Amusemew ork. N. 285m-1052kc. Starlight WKBS, Galesburg, Ill. 361.2m-830kc. Permil N. Nelson,

Amusement rark, inc. WKBS, Galesburg, Ill. 361.2m-830kc. Permil N. WKBS, Galesburg, Ill. 361.2m-830kc. Permil N. WKBT, New Orleans, La. 252m-1100kc. 50 watta-First Baptist church, Amounteer, W. H. Green Slogan, The Gospel Wave, Sun, 11 am. 7-45 WRBM_Free, Central, 2n. 238m-1260kc. Harry K. Armstrong (Portable). 2n. 238m-1260kc. Harry K. Armstrong (Portable). 3n. 238m-1260kc. Knox Bat. WKBV, Brockville, Ind. 236.1m-1270kc. Knox Bat. WKBV, Brockville, Ind. 236.1m-1270kc. Knox Bat. WKBV, Danville, Fa. 220m-1353kc. Feruwood Quick WRSM, Panville, Fa. 220m-1353kc. Feruwood Quick WSM, Danville, Fa. 250m-1353kc. Karl L. Ashbacker. WKBV, Kenosha, Wis. 428.3m-700kc. Edward A. Jalo. Cincinnati, Ohio. 422.3m-710kc and 325.9m-

WXDR. Kenosha, Wis. 428.3m-700kc. Edward A. Dato.
Dato.
WKRC, Cincinnati. Ohio. 422.3m-710kc and 325.9m200kc. Alternate mouths. 1,CCD watts. Kodel Radio Cropp. Announcer. Eugene S. Mittendorf. Mon. 6:15night. Wed. 6:157. pm. 18-10. gm. 8:10-12 mid6:157-30 pm. 10-12, 12-1 am. Central.
WKL, Okhoma Ciri. Okh. 346.6m-80kc. 500 watts.
Daily Idealophone Co. Announcer. Rerb Cook.
Daily Idealophone Co. Announcer. Rerb Cook.
Daily Cassulty. Mon. Wed. 7:9, pm. 11-12. Sun. 9:10-10 midWLAC. Nashville. Fean. 225.4m-1330kc. 1,000 watts.
Life. and Cassulty. Mon. Wed. 7:9, pm. 11-12. Sun. 9-10 pm. Central.
WLAL. Tolka. Okla. 249.9m-1200kc. 10:2 watts. First Christian church. Announcer, R. W. Burkhart. Slogan. The Voice of the Church. Sat. 7:30 pm. Central.
Central. The Voice of the Church. Sat. 7:30 pm. Central.
Central. Sat. 7:30 pm. Central.

Central, WLAP, Louisville, Ky, 275.1m-1090kc, 20 waits, Virkinia ave. Baptist Church, Sun, II am, 7:30-8:45 mm, Central, WLB, Minneapolis, Minn, 277.6m-1080kc, U, of Minnescia.

nesota. W.BA. Philadelphia, Pa. 236 1m-1270kc, Philadelphia School of Wireless Telegraphy, W.BC. Muncie, Indiana, 223.7m-1340kc, D. A. Burton, W.BE, Brooklyn, N. Y. 230.6m-1300kc, J. H. Fruit-man.

WLBF, Kansas City, Mo. 211.1m-1420kc, Everett L.
Dillard
WLBG, Petersburg, Vicainta, 222.2m, 202.2kg, P. Petersburg, Virginia. 332.3m-902.2kc. R. A. Gamble.
WLBH, Farmingdale, N. Y. 230m-1304ke. Joseph J.
Lombard.
WLBI, East Wenona, Ill. 296.9m-1010kc. Aloysius

WLBJ, Cleveland, Ohio. 300m-999.4kc. Henry Grossman.
Wilbl., Stevens Polat. Wis. 277.6m;1080ke. 750
Watts. Wisconsin Dept. of Markets. Slogan. Wisconsin Land of Beautiful Lakes." During Markets. 1, pm. 20, 10, 11, 12 m., weather, markets; 1, pm. aws. Mon. 8-10 pm. musis. Est. 3rd, 8th. 8xf. 8-10 pm. musis. Ist and 4th Sat, 10 pm, Enemies of sleep. Central.

WI.BN. Chicago, Ill. 225.4m-1330kc, William Evert
Hiler (Portrolle),
WI.BO, Galesburg, Ill. 245m-1234kc. Frederick A.
Trebbe, Jr.
WI.BG, Aivond, Ill. 230.6m-1300kc. R. Dafe Trout,
WI.BG, Aivond, Ill. 230.6m-1300kc. R. Dafe Trout,
WI.BG, Aivond, Ill. 230.6m-1300kc. Alford Radio Co.
WI.BG, Aivond Point, Indiana. 330m-1304kc. Harold
Wi.BG, Aivond Point, Indiana. 330m-1304kc. Harold
Wi.BU, Canastota, N. Y. 220m-1363kc. Matthew B.
BU Canastota, N. Y. 220m-1363kc. Matthew B.
Espetern. Trebbe, Jr.
WLBQ, Atwood, Ill. 230.6m-1300kc. E. Dafe Trout.
WLBR, Belvidere, Ill. 335m-895kc. Atford Radio Co.
WLBT, Crown Point, Indiana. 230m-1304kc. Harold

WLBT, Crown Point, Indiana. 250m-13048c. Matthew B. Wendell, W. LBU, Canastota, N. Y. 220m-1363kc. Matthew B. Greiner & D. A. Snick, WLBW, Oil City, Pa. 321m-934kc. Petroleum Tele-

phone Co.
WLBX, Long Island City, N. Y. 230.6m-1300kc. John N. Brahy.
WLBY, Iron Mountain, Mich. 249.9m-1200kc. Aimone Electric.
WLBZ, Foxcroft, Maine. 299m-1003kc. Thompson L.

WLBZ, Foxcroft, Maine, Court-Goods, Assumption, Guernscy, WLCL, Libaca, M. Y. 266m-1127kc, 50 watts. Lugarden, M. V. Lacker, Amounteer, Arthur B. Berresford, Wed. Sun, '7-38 man, '8-28 ma

WMAN, LORIDBUS, UBIO, 2/1.mm-10.00x.
First Barlis church, Announcer, John Bohannan, First Barlis church, Announcer, John Bohannan, Existence and Control of the Chicago Dally News, Announcer, Roberty Writter, Existence and Control of the Chicago Dally News, Announcer, Roberty Writter, Chicago Dally News, Announcer, Roberty Writter, Control of Control of Chicago Dally News, Announcer, Roberty Witter, Control of Chicago Dally News, Announcer, Roberty Witter, Parkey Ferry Rysbyterian church, Siogan, May Every By-War Heart Kineshichway, Mon. 8 pm. 2478 pm. 2488 pm. 248

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J215 pm. Eastern.

WAJA Newark, N. J. 350m-856.dec. 150 watts. Herrhal Manageric, N. J. 350m-856.dec. 150 watts. Herrhal Manageric, N. J. 350m-856.dec. 150 watts. Sat. Stin., 66-30 pm. 830-12 mioright, dance music. Sat. Stin., 66-30 pm. 830-12 mioright, dance music. Wastern covered by the control of the c

de 2-20 gm. 1/1 am. Mon. 6-7:10 pm. Central.
WOKG. Peckskill. N. V. 2224m-120kc. 500 watts.
WOKG. Smith.
Woke Sm

Wilson Printing & Radio Co. Wed, 9-11 pm. East-WFSC, State College, Pa. 228,8m-1080cc, 500 watts. Ph. State College, Slogan: "The Voice of the Nittary Lion." Mon, Wed, Fri. 8 pm. Fri. 12 mid. Eastern. WQAA, Parkesburg, Pa. 220,4m-1360cc, 500 watts. Horace A. Beale, Jr. 234,2m-1280kc, 100 watts. College, Ph. 234,2m-1280kc, 100 watts. College, Ph. 234,2m-1280kc, 100 watts. College, Ph. 201, Wed, Fri. 9 pm. Sun, 6:13 mm, 4 pm. 3, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm. 8, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm. 8, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm. 8, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm. 8, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm. 8, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm. 8, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm. 8, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm. 8, 9 pm. Mon, Wed, Fri. 9 pm. Sun, 11 am, 4 pm.

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WOAE, Sprinsfield. Vt. 245.8in-1220kc. 50 watts. Now of Madio New Station. Announcer. Errest in of Vermont. Stat. 11-1 am. Sun. 10:30 am. church service: 7 pm. service. Eastern. WOAM. Minmi. Fla. 285.8m-1050kc. 759 watts. Electrical Station of Vermont. Stat. 11-1 am. Sun. 10:30 am. church service: 7 pm. service. Eastern. WOAM. Minmi. Fla. 285.8m-1050kc. 759 watts. Electrical Station of Vermont. V

WQAO, New York, N. Y. 361.2m.830kc. 500 watts.
Calvary Baptist church, Announcer, Wade Kirnsey,
Shoamasthas, First Church Owned, and Operated
calvary Baptist church, Owned, and Operated
church service. Sun, 11:30 am.; bm, 7:30, church
met Daking, Powder company-Rainot, 20
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1927 De Luxe: the Finest Super

In ARTICLE II we completed the filament wiring and the greater part of the work on the intermediate system. We will now complete those circuits which carry Radio frequency curents first, and then go to the audio frequency stages.

The St. James oscillector unit provides no mounting brackets and is secured in place by the wiring. Its position will be noted in figure 7 (turning this illustration upside down) as heing in front of socket I with terminal No. 1 at the right and No. 5 at the left. Keep figure 7 upside down while following the wiring instructions helow as it will be convenient to wire with set in the position shown. The soldering lugs on terminals 2, 3 and 4 point to the rear, which places No. 2 over wiring hole s and No. 4 over hole r. Put in a wire from terminal 2, up through the sub base, via hole s, and hend it forward to the stator terminal of the 0005 mfd. variable condenser directly over the oscillector unit. Another wire is then placed to go from terminal 4, up through hole r, then to the left to the rotor terminal of the variable condenser.

Figure 7 Shows Wires

Most of the wires now being dealt with show up very clearly in figure 7 and can be found readily. From terminal 3 of the oscillector, run a 2½-inch wire right to right lug of the 1 mfd. bypass condenser. From left lug of that condenser run a wire back and to the left to rear lug on the St. James choke. From G post

ART III: Conclusion—Connections to A and B Power; Adjusting Bias, Tubes, I note that in the circuit diagram figure 8, the leads from socket post P and from plus 90 binding post are incorrect and should be reversed, both to fit the foregoing description and that P on the transformer will connect to P on the socket. Midget and Dials; How to Tune.

By MARVIN W. THOMPSON

Wiring St. James Transformer Strip
This same wiring going to the negative
lugs on sockets 3, 4 and 5 is also connected to the front lug of the 1 mfd,
bypass condenser in front of socket 2.
From the rear lug of this condenser, put
in a wire which goes back and then
diagonally up to wiring hole ji on the
transformer strip. Have it pass over this
hole and proceed to the left to wiring
hole min, passing over kk. It goes through
hole min, passing over kk. It goes through
min to the plus post of last St. James
transformer. With short wires passing
through holes ji and kk connect this wire
to plus posts of second and third St.
James transformers.
When assembling the transformer strip,
we placed soldering lugs on both sides
of the strip on certain mounting screws.
At this point I would like to once more
make clear the placing of the transformer
strip in the set. You have the page containing figure 7 upside down. Below is

through hole a, back % inch and then to the right to the plus 45 binding post on the rear edge. About 1 inch to the right of this last bend, the wire is just 1 inch behind the rear lug of the first 1 mfd. bypass condenser. Run a wire forward to that lug. The front lug is now connected to the front lug of the Amperite, which is about ½ inch to the left.

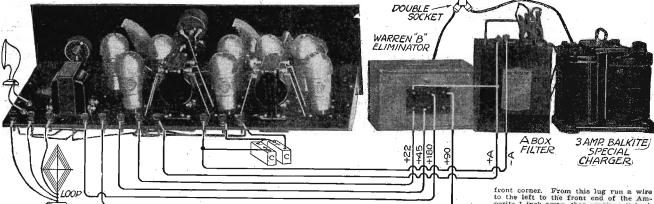
On the left side of the Fernanti, at the bottom is an unlabeled binding post to be used for grounding the case. Run a 1¼-inch wire forward to the mounting serew of the transformer and solder to 1t. On the under side, connect this mounting serew to the front end of the Amperite. From the rear lug of the 1mfd. condenser just under discussion, run wire forward to the wire on the rear side of the St. James transformer strip which connects the three plus post of the transformers through holes jl, kk and mm. Solder to this wire where it bends to go

foregoing description and that P on the transformer will connect to P on the socket.

As the 500,000-ohm variable resistance unit was pluced on the panel, the three terminals are one above the other on the right side. From the upper one run a wire back and up through hole h to the G post on the second Ferranti. From the middle terminal of this 500,000-ohm unit run another wire back to the G post on socket 8. Now from the G. B. post on socket 8. Now from the G. B. post on the Ferranti drop a wire through hole g, then bend forward and go to the lower post on the 500,000-ohm unit. Where it bends to go forward, solder on; a wire to go to the left and then back to the left binding post of the three for C battery connections.

Now from the P post of socket 8 run a wire to the right and up through hole k to the P post of the Thordarson output transformer. From the B post of this transformer, drop a wire through hole; then bend back to go back, solder on a l-inch place of wire which goes forward to the rear soldering connection of the 1 mfd. bypass condenser.

To ground the case of the output transformer, put a soldering lug on the underside of the mounting screw at the left



Figuro 9—Completed 1927 DeLuxe Beside Power Supply Devices, Showing Connections to Be Made

of socket 1, put 1-inch wire forward to the wire connected to oscillector post 2.

the wire connected to oscillector post 2.

From front lug of the .006 mfd. fixed condenser, put in 1-inch wire to the right to the wire connected to oscillector post 4. The rear terminal of the .006 mfd. condenser and the front lug of the choke are connected together and to P lug of socket 1. Another wire is connected to No. 3 post of the oscillector and run diagonally back and to the right to the center of the three loop binding posts. Where it passes close to the negative lug of socket 1 put in a 1½-inch wire to that lug. This completes the wiring of the oscillector circuits around socket 1.

Leop Tuning Connections

oscillector circuits around socket 1.

Loop Tuning Connections

Of the three loop binding posts, connect that farthest right with No. 1 terminal of oscillector. From this wire, a connecting wire is put in running directly to the left (note connection over bypass condenser) and up through wiring hole p, then forward about 2 inches and left to the stator post of .005 mfd. variable condenser for loop tuning. Now connect oscillector post 5 with G lug of socket 2, the wire running first to the left 2 inches, then straight back 2½ inches.

Two wires now go from the P post of socket 2. The first goes to the left and forward, to the P post of the nearest St. James transformer on the strip. The second goes to the left and hackward, to the rotor lug of the Hammarlund midget condenser.

condenser.

Now connect the panel meter as follows: from the plus lug of socket 2 run a wire forward and up through wiring hole x to lower post of the switch below meter. Connect upper switch post to the plus terminal of meter. Drop a wire from the other meter terminal down through sub base hole w and solder it to wire which connects panel rheostat with the negative lugs on sockets 3, 4 and 5. Thus the meter will indicate the voltage across the intermediate tube fliaments.

figure 6, also upside down. Imagine now that you can grasp the edge of the strip along which are the holes mm, kk, ji and hh, and pull it toward you, bringing strip into a vertical position. If now you were to push this vertical strip up into place on figure 7 the holes will all be correctly placed. From negative lug of socket 5 run a wire to soldering lug on rear end of the mounting screw at hole marked W nearest X. From lug on front end of this screw, run wire forward and up through sub base hole v to right terminal of potentiometer on the front panel. Where this wire bends to go upwards, solder wire to go forward to the ½ mfd. bypass condenser placed flat against, the front panel and held in place by having a mounting lug secured under the nut of the lower bracket mounting screw. This wire connects to the upper connecting lug.

From plus terminal of socket 5 run a wire to the rear soldering lug placed on mounting screw X next to hole W. From the lug on the front end of X, carry a wire forward and up, through sub basehole t, to left post of potentiometer. Now connect together the minus posts of the first three St. James transformers and continue to wire diagonally forward and to the left, then up through wiring hole u to center terminal of potentiometer. Where this wire bends to go upwards, connect another wire which goes forward to the lower connecting lug of the ½ mfd. bypass condenser held against the front panel.

The minus post of the last St. James twansformer (that at the left) is connected.

panel.

The minus post of the last St. James transformer (that at the left) is connected to soldering lug on front end of the transformer mounting screw just ½ inch above it. The soldering lug on rear end of this screw is connected by a short wire to the lug on screw X, which carries the plus circuit through to the potentiometer. Now connect rear end of the .00025 mfd. fixed condenser to G terminal of socket 6, and we can proceed to the wiring of the zuidlo frequency circuits.

Andio Frequency Connections

the audio frequency circuits.

Audio Frequency Connections

From P of socket 6 run a wire forward
to wiring hole b and straight up to P
post on the first Ferranti. From the
H. T. post of this Ferranti drop a wire

through hole mm, and we will thus have conected our intermediate system to the plus 45-volt circuit.

We now proceed to the first audio stage, which includes socket 7, the second Ferranti, the 1 mfd. condenser just to the right of socket 7, and the Gem-Jac on the panel. From the 6 post of the first Ferranti, that on mounting holes B, B, B and B, drop a wire through wiring hole d, then back to the G post on socket 7. From the G. B, post on that same Ferranti, drop a wire through wiring hole d, then back to the G post on socket 7. From the G. B, post on that same Ferranti, drop a wire through wiring hole c, then to the right an inch and back to the center of the three C battery binding posts. From the H. T. post on the second Ferranti drop a wire through hole e of the sub base, then forward through hole in the right side of the vertically mounted Gem-Jac.

The top lug on the left side of the Gem-Jac connects to the soldering lug placed on the front end of the screw going through the U mounting hole nearest V. On the back of the transformer strip, the soldering lug on this U mounting screw is connected to the rear lug of the 1 mfd. bypass condenser just to right of socket 7. From this same condenser lug run a wire back about 1½ inches, then to the right to the plus 90 binding post at rearedge of sub base. As with the first Ferranti, connect the grounding binding per un the lower left side of the case to the under side, connect this mounting screw to the front end of the Amberlie about ½ inch to its left, and Amberlie about ½ inch to its left, and Amberlie about ½ inch to list left, and Amberlie about ½ inch in left side of this lack is next connected to the lug placed on the front end of the Serew in Role Vn nearest U on the transformer st

front corner. From this lug run a wire to the left to the front end of the Amperite I inch away, then continue it back to the front lug of the 1 mfd. bypass condenser. From the front terminal on the right side of our Thordarson output unit, drop a wire through hole m, then to the right to the front phone thy jack. The rear phone tip jack is connected to the rear terminal on right side of the output transformer by a wire running up through hole 1.

ransformer by a wire running up through hole I.

We near completion of the wiring and have only a few odds and ends remaining. Put a wire through hole hh of the transformer strip to the plus terminal of the first St. James transformer and run it to the right about 4 inches then hack to the plus 22 binding post. Where this wire passes close to the rear lug of the St. James choke, put in a wire connecting it to that lug. Considering now the three loop binding posts, run a wire from that at the left, diagonally forward and to the left to the stator lug of the midget condenser, then continue it until just helew hole n, up through that hole, forward 1½ inches and to the left to the rotor terminal of the loop tuning condenser. And there you are!

left to the rotor terminal of the loop tuning condensor. And there you are!
Those are the permanent connections. For purposes of initial adjustments, take out the wire connecting P of socket 3 with P on the Thordarson unit and save it for re-installation later. Connect P on the socket with the unmarked post on the socket with the unmarked post on the milliameter. Then connect the plus post of the meter, through hole k, to P on the transformer. This puts the meter in the plate circuit of last tube, where it comes in handy for tube matching and C battery adjustment.

Continue in many for time matching and C battery adjustment.

Connections to Power Supply, Etc. Figure 9 shows, very clearly, the connections to power supply, loop and speaker. Personally, I like the combination of A-Box and Balkite charger very much for lighting the tubes. Speaking of tubes, those shown are exceptional. If you have not made their acquaintance, they are Concert Master, totally shielded and cushloned tubes of the 201A type, made by Continental Sales company, 179 Wost Washington street, Chicago. They operate at highest efficiency with about 3.8 to 4.4 volts across their filaments and increasing the filament brilliancy does not help. Because of this low oper—

(Continued on page 11)

(Continued on page 11)

ONLY ONE MORE SECTION OF "WHOZITS" TO APPEAR









The following artists are in above panel: Raquel Nieto, KFWB; "Aunt" Jane, WOC; Kathryn Kies Hardtke, WSOE; Irene Rich, KFWB.





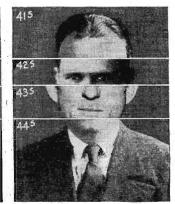




The following artists are in above panel: Ford Rush, WLW; Herbert Silberstein, WOC; Glen Rowell, WLW; Joe Flood, KOA.









The following artists are in above panel: O. D. Temple, WOW; "Bud" Grey, WNAC; George D. Hay, WSM; Dr. Earle J. Shay, KPRC.









The following artists are in above panel: Lillian Watt, WSM; Marian Fisher, WOW; Nettie Mae Powell, KPRC; Gertrude Lemothe, WNAC.

The GREEN \mathcal{M} AMBA

into the steady, far-seeing blue eyes of a man who had lived much in the open air. But he was too serious for one who looked upon seriousness as being in the nature of a rebuke.

She called Biff Morton and Tom Coryell to her side.

"In other words you want me to give this opportunity to another man." He suffied contemptuously. "I called you a moralist before dinner. You will not think me rude if I call you a fool now?"

Clandon smiled. "On the words you want me to give this opportunity to another man." He suffied contemptuously. "I called you a moralist before dinner. You will not think me rude if I call you a fool now?"

Clandon smiled. "Not at all. I shan't even be able to deny it."

EAR ones," she drawled, "here is an intrepid explorer who has come from mid-Africa to see me

an inteplid explorer who has come from mid-Africa to see me alone!"
"Good Lord!" cried Tom, "We'll be having Livingstone and Stantoy next."
Clandon beheld her whirled away in her sedan chair. She had not cast a second glance at him.
"How did he waft in?" Tom Coryell asked her.
"A friend of dad's," she answered. "An immocent bystander who has some crumbs of information dad wants. We shall never see him again."
The two boys were both satisfied that Alda had no further interest in this stranger. They did not guess she was wondering how soon she could drag from him the reason of his seeking her out. Her chance cume after the elaborate, many-coursed dinner.

suppose you don't dance in Africa?"

she asked.

"Why net?" he retorted. "Tve spent many months on the West coast where this sort of dancing originated. Furthermore I was once at Yale and wasted more hours than I care to remember.

A few minutes later she looked at him in surprise.

in surprise.
"Why, you dance very well, Mr. Clan-

"It's one of the least admirable human necomplishments," he told her. "I'm afraid I've disappointed you—you would prefer me to be a savage,"

"Have you been out on the terrace?
There's a wonderful view of the

When they were outside she turned on

When they were outside she turned on him.

"Why did you say you had come all that way to see me?"
"Because I promised a man more than a year ago that if ever I came back to New York I would see you."

She sensed unfriendliness in his voice, almost emity. It was a new and irritating experience for Alda Jarrold.
"A man in Africa?" she asked.
"Yes. A dead man who was very dear to me. You last saw him on this very terrace. He has described it to me so many times." Clandon looked about him. "There used to be an old sun dial with the Latin tag on it, I count only the Serone Hours." You were standing by it when you broke his heart. Don't laugh, Miss Jarrold. There are still men who can be wounded to the death by women they have the misfortune to love. He was one of them."

"How extravagantly you talk," she scoffed. "Like the dial, I count only the searce hours, and there are no unhappy ones connected with It."

"That was his tragedy." Clandon said quietly. "The recollections were not un-

ones connected with it."

"That was his tragedy," Clandon said quietty. "The recollections were not unhappy to you. Probably it amused you to know you had hurt him."

She shrugged her shoulders. "If you choose to be mysterious, well and good, but mysterious strangers are not very interesting. I think I shall go in."

in."
"Not yet," he said quietly. "I've come all these thousands of miles to tell you about this man."
"Wo can talk about it tomorrow morning," she said. "I'll take you out sailing."

CHAPTER II

LANDON was not to escape an interview with Stephen Jarrold.
"I'll put my cards on the table," said the financier gentally. It was the phrase he used when he kept one of them up his sleeve. "I'm assuming this, will go no further?"
"We haven't a single common friend," Clandon reminded him. "I'll give you myword to be silent."

word to be silent."
"I'm interested in the future of cotton in British Ea t and Central Africa, and particularly in Nyasakand and Uganda. You are the authority on that country. My reports on it have not been favorable. My informants say there is a scarcity of labor."

"They are right," Clandon agreed.
"They tell me transportation wildifficult."

difficult."
"That's perfectly true."
"Maybe," said Jarrold irritably, "but I want a man who won't be content with reports like that. I want a man who will tell me how to get labor and overcome the transportation problems. It can be done. I can make you a rich man. Is there any good reuson why you should prefer to remain poor?"
"Your scheme clashes with my plans,"

TARROLD sat for a moment in silence. He would like to have been able to dismiss the other with a curt word. But he had reason to believe that there did not exist another man so useful to him for an especial purpose as this non-chalant Onslow Clandon. He put on an air of friendliness.

"That is entirely your own affair," he conceded, "but I should be grateful if you would give me and my friend John Bury the benefit of your experience.

"Gladly," said Clandon, "but I am leaving on Monday."

"You'll stay a week," Jarrold said, smilting, "and I'll see you have a good time." Stephen Jarrold only wanted the opportunity to break down Clandon's resistance. He would show the intractable young ass what wealth had to play with. It was midnight when Clandon left Jarrold, but the hour had no power to bring sleepiness to Jarrold's guest. In this wast and splendid mansion he beheld jazz at its apothoosis. He saw the pleasure-mad, crazy, firesponsible, selfish, yet not unattractive crowd, which in varying ages had danced its wildest measures before the fall, of nations. So imperial Rome went unheeding to her doom. How, Clandon wondered, would these emblazon their shields?

Misw excitement was preparing—the introduction of Biff's quarter-tone saxophone to an expectant world. From the outer hall Biff made his entrance on a poin pony. He was garlanded with flowers and his bowed as conquerors do to applauding throngs. Before him, clad in a fantastic swimming suit, Alda danced barefooted. In her hand she held a landing not into which onlookers threw money lavishly, nor asked for what their money was demanded.

Biff ruised the sacred instrument to his lips and the crowd shivered as barbaric music burst from the only saxophone of its kind in existence.

Alda paused before Clandon. The spectacle roused antagonism in him.

inuste ourst from the only saxophone of its kind in existence.

Alda paused before Clandon. The spectacle roused antagonism in him.

"Largesse," she demanded. "We who amuse you must be supported."

"That excuses me," he said coldly. "I am not amused,"

"Turned you down cold," Tom Coryell whispered as she left the explorer. "Even you can't neft his brain and heart."

"Can't I?" she said, her eyes fashing. "Have I ever failed?"

Later, Clandon saw that she had changed her bizarre costume. She left her partner and came to his side.

"You seem to have a genius for disapproving of things," she said. Not before had he seen the currous lights in her eyes. "I thought priggish young men were extinct. I haven't met a specimen for five years until you came to make merry. I don't wonder you're unpopular. All moral economists are. A moral economist," she explained, "is a person who spends his time without enjoying it."

There was no doubting her anger. That she who hid always tasted success should be publicly treated with coldness in the presence of her intimates was maddening. Tom Coryell sauntered to her side.

"Leave marble heart slone," he suggested. "He is another's and deadly afraid of you. Come on Alda. This is the epochal dance. Never before has a waltz been played in quarter-tones. Biff wants you and me to show 'em how it's done."

CHAPTER III

LANDON, coming in to breakfast after a swim, found very few at the table. As the sounds of festivity were dominating the air whon he had dropped off to sleep after three o'clock, it was not surprising. He did not think that Alda would keep her appointment. He had offended her unwittingly. He had acted the part of censor in a society which loathed eriticism.

At ten, a footman informed him that she was waiting outside in her motor. Her eyes were clear. There was not a trace of fatigue on her face or any indirection that she did not regard him with friendliness.

"I never can understand," he said, "how

'I never can understand," he said, "how

"I never can understand," he said, "how girls can keep late hours and yet look as fresh and fit as you do now."
"Enjoyment doesn't tire." she returned, "Naturally you look fatigued. You spend your waking moments in disapproving of all you see and nost of what you hear. It wastes physical and psychet tissue. That explains why you stern, moralizing,

(Continued on page 28)

COULD YOU SING LIKE HER? SUCCESS AT 14



Robbye Cook was given her chance by Station WCOA, Pensacola, Fla, through the kind-heart-eloness of John Frenkel, director. She was only fourteen years cile—rather young, Mr. Frenkel thought—but she had the mysterious something and quality in her vuice that soon spread her and the to cold, cruel New York. There the Mighty Metropolitan Opera gave her an audition—and she, just past her fourteenth birthday.

SCRANTON "BIG NOISE"

(Continued from page 5)
of their treatments on others than patlents, and promised to dispense with the
suspended extension cord. It has been
found that the noise ecased.

found that the noise ecased.

Must Keep Courageous

Any organization that seeks to make electricity co-operative with Radio rather than autagonistic must be made up of fans who cannot be discouraged. If trouble exists, it can be found and cured. All it takes is plenty of work. There will be lots to do when an organization is first begun, but it will gradually diminish and soon the organization will be waiting for interferences to appear.

All interferences are not so easy to eliminate. A second-class hotel in the heart of the city has an elevator of a very obsolet type, as is the motor which operates it. This was located as the source of disturbance to fans in a large radius.

The application of two lands decoders.

source of disturbance to fans in a large radius.

The application of two 2-mfd condensers cleared it for a short time, and just as members were feeling clated, the condition of the motor caused it to override the condensers. Two more were placed on the motor, and again the trouble is beginning to appear. Choke coils will be tried next and if they fail, steps will be taken by legal processes to compel the owners, who are reticent about co-operating, to cease "disturbing the peace."

Air Still Disturbed

case "disturbing the peace."

Air Still Disturbed

With the two "big noises" out of the way and many minor cases cleared up, there are still other disturbances in the air ground Scranton. The officers and members of the club know this and are undunted. They realized the size of their job when they started. The fact that they are doing some concrete good for Radio fans and reception in their city is evidenced by the phenomenal growth of their organization—from 47 in March, 1925, to 807 on January 15, 1927, less than two years, and still growing. The paid trouble shooter has just been hired.

How the Lackawama Radio club is or-ganized and how it operates—also sugges-tions for national organization along the same lines will be discussed by Mr. Elsby in the March 1 issue of Radio Digest.

"1927 DELUXE" SUPER

"1927 DELUXE" SUPER

(Continued from page 9)

ating voltage, seven of them and a 171
power tube can be run from the A-Box, although the A-Box is only expected to supply 13 anopers from the 2½-ampere Falkite. If you use other tubes, it would be better to get the new type 3-ampere Balkite charger.

The B power unit shown is one of the most powerful known. A powerful unit is necessary so that a voltage drop will not occur when the power tube makes heavy drains of B current on loud or long sustained notes. A power tube will draw anywhere from 10 to 25 milliamperes at 150 to 180 volts, even with C battery, while seven other tubes are going to pull from 3 to 6 milliamperes each. Another point in favor of the Warren is the provision of a 22-volt tap, a feature not found on many such power supplies. The Warren, Electric Company have still further improved their B power unit and a rooded is now available, with variable taps, selling at \$29.75.

Adjustment of C; Matching Tabes

Adjustment of C; Matching Tubes

Adjustment of C; maccining rinnes With seven A tubes and a power tube in place, the 2-megohin grid leak in the clips on the .00025 mfd. condenser, and all batteries, power supplies, loop and speaker connected we are ready to operate the De Luxe. With a moderately strong signal on, alter the C battery voltage to the

Opera Finds Child Prodigy at WCOA

Metropolitan Recognizes Robbye Cook, Fourteen-Year-Old Girl, Who Sings "Like a Thrush"

By H. P. Brown

WHEN Johnnie Frenkel looked down
at the little fourteen-yeur-old girl
who had volunteered to sing over
the Pensacola city broadcasting station,
WCOA, be had misgivings. Too young and
immature, he thought; but then there is
a certain charm to children's voices if they
are not overdone.

a certain charm to children's voices if they are not overdone.

So Robbye Cook was given her chance. She came, she sang, she conquered, to paraphrase a certain Latin phrase well known to school children.

"Who is that girl?" "Where did you get your opera talent?" "Where did you find your singer?" "Wonderful, have her sing more, more!" "Won is the eclebrity?" "Is she a famous star?" This was the burden of a flood of telephone calls that came to Mr. Frenkel as soon as Robbye had finished her first song over the air.

Robbye's Pame Spreads Abroad

had hinshed her first song over the air.

Robbye's Pame Spreads Abroad

"Oh, I am so happy. I just wondered if really could sing. I love to and I want to be a great singer." Robbye danced and clapped her hands when she realized her adventure had been such a success. Mr. Frankel was just about as happy as Robbye, because, he has put his whole heart and soul into that broadcasting station and has made it famous throughout the country.

Robbye, because, he has put his whole heart and soul into that broadcasting station and has made it famous throughout the country.

Robbye's fame spread abroad as she was heard again and again over WCOA. Then, just like it happens in fairy stories, some kind prince decided she must be heard by the very highest authorities in the land. She was carried away to the magle city of New York. Never before was such a little girl given such an opportunity. There she was given one of the auditions so eagerly sought by telented persons who work years for the privilege.

Heard by the Mighty

A little timorous at first and then with surprising ease and poles she sat down to a piano in the presence of the great Pedore Giulio Gatti-Casazza, general manager, and Olto H. Kahn, chairman of the board of directors of the Metropolitan Opera company, and sang. At first her fingers rippled over the white, shiny keys tremblingly and a little stiffly. Then her finders came bubbling into her throat and she sang, "like a thrush," as one of the great men remarked to the other. Sweetly, softly, her voice developed and then swept into real power, with sufficient volume to fill a large auditorium. She will be given the great men remarked to the other. Sweetly, softly, her voice developed and then swept into real power, with sufficient volume to fill a large auditorium. She will be given the great gent of the proper sufficient columns and the broadcasting station, WCOA.

The Reader's View

And Here Is a Man With 368

To date I have 368 Ekko stamps and quite a number due. About 20 stations do not issue stamps. Those from distant points include California 10, Oregon 1, New Mexico 1, Wisconsin 14, Texas 11, Canada 15, Cuba 1, Porto Rico 1, Mexico 2. Of 44 received from Illinois 28 are from Chicago.

My location is in the heart of New York Oity, with the cliff dwellers, about 15 aerials on the roof, and thousands within a small area, most of them emitting squeals and yowls.

Within the Mctropolltan district there are 47 stations, most of them broadcasting each night, and they form a barrage that requires considerable manipulation of the dials to get through their waves. In fact, some of the stations are so powerful they blanket about 15 degrees on the dials. It would appear that those living remote from the great centers of broadcasting should have a collection greatly exceeding the one of mine. I have logged 455 stations altogether.—Wm. A Stead, 815 W. 179th St., New York.

last tube, as supplied through the left C battery post, until minimum flicker of the milliameter needle occurs. Unless an adequate B supply is connected, such as new large B batteries or a powerful supply unit, complete elimination of flicker will be impossible. As long as there is flicker, there is distortion, even though unnoticeable to the average cur. Four and one-half volts of C is correct on the other C bias post if a full 30 volts has been applied to the plus 30 binding post.

Matching of tubes is surprisingly sim-

applied to the plus 30 binding post.

Matching of tubes is surprisingly simple. First remove the first two intermediate tubes, those in sockets 3 and 4.

Then, with the rheostat at right end of / panel, adjust the filament voltage on the remaining intermediate tube to, let us say, five volts. The potentiometer at the left is very slowly turned as you keep your eye on the milliameter on the sub base.

When the tube goes into oscillation the

(Continued on page 29)

ASSEMBLE THESE PICTURES OF RADIO ARTISTS









The following artists are in above panel: Dallas Decker, WHT; Prof. Foca Di Leo, WSOE; H. D. Yocum, WJR; Deane H. Dickason, KOA.









The following artists are in above panel: Alma Wibbing Levy, KMOX; Sybil Seaman, KTHS; Margaret Siracusa, WPG; Hazel Fern Heitman, KJR.









The following artists are in above panel: Walter Neuman, KMOX; Alfred Schipsi, KTHS; Arthur Scott Brook, WPG; Glauco Meriggoli, KJR.



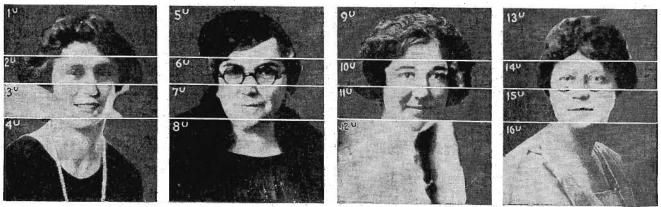




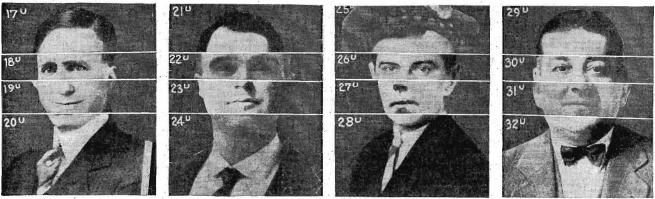


The following artists are in above panel: Essie Reese, WMC; O. V. Hughes, WMC; Owen Bartlett, WJR; Harry Gaut, WASH.

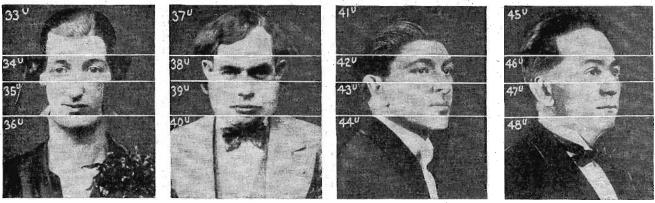
ASSEMBLE THESE PICTURES OF RADIO ARTISTS



The following artists are in above panel: Coral Goris, WASH; Grace E. Makepeace, WHK; Florence Ann Reid, WMAK; Eleanor Grace Gehring, WHK.



The following artists are in above panel: Clyde Gardner, WJAX; Kenneth Salisbury, WMAK, Chief Roaring Thunder, KVOO; Sam Galbraith, WHT.



The following artists are in above panel: Miss M. Toohey, CKY; Charles Taibi, WHB; LeRoy Montesanto, WMCA; Billy Adams, CKY.



The following artists are in above panel: John T. Schilling, WHB; Norman V. Pearce, WMCA; Douglas Haygood, WJAX; Bobbie Griffin, KVOO.

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Vol. XX

February 15, 1927

Compromising Radio Control

Compromising Radio Control

AFTER five years of untiring effort on the part of the Radio industry and other interested persons, a compromise Radio Act is on the threshold of reality. As we go to press, the house has passed the measure without roll call. The senate had scheduled its hearing and the President's signature was expected without difficulty, although the measure provided a commission, a feature Mr. Coolidge had warned was to his distaste.

Before this publication reaches your hands, the measure may have passed the senate, received the President's signature, and become a law.

Before discussing the bill, let us remember the old saying, "When doctors disagree, call the undertaker." Perhaps the "Radio Act of 1927," as it has been dubbed, may not satisfy everyone. It probably will satisfy no one in all its clauses and sections. It is a compromise. But, rather than call the undertaker for the Radio industry, it is far better to accept the compromise measure.

This publication has had thousands upon thousands of letters from unhappy broadcast listeners, unable to

compromise measure.

This publication has had thousands upon thousands of letters from unhappy broadcast listeners, unable to separate the stations, incapable of hearing their favorite broadcasters on account of the general congested condition of the ether, and generally disheartened and disgusted with Radio. Does this help the growth of the industry? Not much!

The commission empowered by the 1927 Radio Act will have much to do to untangle the terrible Gordian knot into which the broadcasting wave lengths have been tied by lack of control legislation. Obstacles of many sorts now exist, but unforeseen efforts to hinder the work of this commission, to compel it to do favorsfor certain interests, will be noticed immediately once the act becomes a law.

Regardless of what happens, the commission or whatever body or individual finally is destined to regulate Radio, cannot do worse than duplicate the present chaotic condition of the air. Matters could not be worse. Very little conscientious work will be required to improve things greatly.

Radio control in some form is sadly needed. Let it be a compromise. If the compromise law is insufficient, experience will make perfecting amendments possible. Better half a loaf than none.

What Would Washington Say?

What Would Washington Say?

THIRTY-FIVE broadcasting stations, located in all sections of the country, from the Atlantic to the Pacific coasts, from "54-40" to Georgia and Maine to Southern California, will carry the President's message to congress February 22 commemorating the 200th anniversary of the birthday of George Washington, the Father of our country.

We wonder what George Washington would think if he witnessed the present day magnitude of these forty-eight states, their wealth and population, the many inventions they have given the world, the numerous prosperous industries they boast. What would be say if he saw President Coolidge, speaking before the joint session of congress, and having his voice carried over telephone lines and through the air direct to the cars of 118,000,000 people residing in those forty-eight states?

Erbstein Returns to the Air

"CLAP HANDS, Herc Comes Charley!" Mr. Erbstein, famous on the air under the initials, of WTAS, also WCEE, has returned to the air. His return engagement is being greeted with pleasure by thousands of listeners—and wry faces by others.

"Charley," as he is known to his friends, has the not unusual proclivity of being very popular with some people and equally unpopular with others. However, in coming back on the ether he has announced a policy worthy of consideration by many broadcasters.

It is this: WTAS will not read telegrams, will not dedicate numbers, and will bar sopranos.

Okeh, professor, let's be under way. Even the soprano climination is satisfactory, too, when unabashed so many of them persist in blasting the microphone.

RADIO INDI-GEST

Memory

The memory of my mother is like a fragrant rose Bending o'er me from a slender amber urn;
Beautiful and saintly pure to look upon—
Lingering and comforting—a nocturne.

She sits beside me in the silence of the evening Softly to my soul she croons a tender song; I turn the dials and hear the songs immortal To realize that life is short but LOVE lasts long RHEA SHELDON

Why WAAZ'S Announcer Resigned

(One Marcella Didn't Know About)

Why WAAZ'S Announcer Resigned

(One Marcella Didn't Know About)

Dear Indi: The announcer at WAAZ and formerly been candy butcher at a burlesque house. Tonight he had one or more under the belt in celebration of the new year. So when Manager Finkelstein of the station told him to put in an extra good boost for Okoko Chocolates our hero rose nobly to the occasion.

"Ladles an' Genmun," he began after the first number, "It is the custom of this theayter to offer for sale (hie!) to its patrons high grade candles. This year we are offering Okoko Chokiates, made by the International Candy Company of Red Bank, New Jersey, of the finest confectionery sugar, malt, milk, and covered with the finest of German milk chokili (hie!) By special arrangement with the management, we are able to give away with each and every packages a valuable prizes, ladies boudoir sets, silk hankerchiefs, pen'l handled chromo steel hunting knife, guaranteed fountain pens, silk purse, rubber hot water bottle (hie!) warranted cigarette lighter, pocket flask, silk scarf, ladies' imported chand bag, tie and garter set, 13-kirat cuff links guaranteed not to rip or unravel, combination bottle opener and clothes brush, and many other articles of value."

The announcer lowered his voice to a whisper and leaned toward the mike in a confidential fashion.

"We also give away free this book entitled. "Night Life in Dixon," giving the experiences of a young woman who left her home on the farm to seek employment in the big city. It tells all about the trials and temptations of a young girl, intimate scenes of sporting life, life in the underworld, and many other interesting chapters too numerous to mention. With the book goes free a set of six art photographs from Paris, folks, the police has warned me not to show them in public, but they will please any gentleman, your money cheerfully refunded if not satisfied. Those desiring to purchase will find a young man in the aisle who will be more than pleased to wait upon you—

And at this point Manager Finkelste

NuRseRiE rImes

No. 3 or maBie il is no. Littui jack Horner—Sat in A Corner, Tunin Hiz Soouper-Hott.
He SEd with a EMile az hEE Twistied thee Dile, THAT plaid hell with my Neighbor I BETT.
Old King Tutt.
Hiz-self.

Little Alfie's Essay on Radio

Little Alfie's Essay on Radio

I DON'T know why they call wireless wireless. Just for fun I, spose. Becos there's lots of wire in It. You, have to have a long pole called an ayrial, but that isn't what father called it when he feil off It while he was fixin' it up.

You can either have a cristle set or a valve set. You can either have a cristle set or a valve set. You can get America with a valve set. But father says you can keep it. He doesn't want it. You can listen to wireless programs if your set works, unless you have an uncie in the house who understands wireless, and then he plays with it all the time so you don't hear anything. The first thing they tell you is the whether report and all about dipressions moving over Ireland. But father says there's been dipressions over Ireland ever since he can remember. They always tell you it's goin' to rane tomorrer, so why bother to tell you? Then you have a lecture on the silkworm and its habits and a classical concert and hints on killing slugs on cabbages, and the weekly wireless sermon and Jazz by the Saveloy Orphans. Sum people think that one day they will have broadcast debaits in Parleyment, but father says, didn't we go into the Great War to stop FRITEFULNESS?

Father doesn't approve of wireless. He says he doesn need it. He says Ma has broadcasted him a Bedtime Story every nite for years. Good nite everybody.

Well, Whattaya Gotta Say About It?

ELLO, children of the Indi-Gest column. Now for our great discussion and "Well, Whattaya Cotta Say About It." You remember, we were finding out all about what George Washington would do if he were to cross the Delaware today—and would he permit the feat to be brondeast by direct wire. Who will be the first to speak?

Kentucky Babe: "You are quite right—the Shenandoah situation is very acute. It is a matter for conjecture. Personally, though, I always thought the Latin quarter was an Italian two-bit piece."

Gortunde Gallungus: I can't see any reason for telling the world at large about a man crossing a railroad unless he expects to get hit or something. Maybe it's a gin party and they're trying to beat the D. & L. engine to the crossing.

the crossing.

Tinkertube: No, don't broadcast it. Too much inter-

Tinkertube: No, don't broadcast it. Too much interference now.

Box Car George: He was no relation of mine, but if he was crossing the Delaware today it certainly should be put on the air. Then if any of the ice cakes smashed in any of the boats they could send an SOS and the Hessians would be right there to help them.

Little Drum: Yes, this should he put on the chain. And when the Blue Line met the Red Line we'd ret a national heterodyne.

INDI

get a
INDI

"Silent" Cal!



Condensed BY DIELECTRIC

Four years ago we heard grand opera broadcast for the first time in history, after considerable space had been used in these columns in advocacy of it. I don't mean to imply any credit is due for what was set forth here; merely to recall the long struggle which preceded the broadcasting of music of this class. That initial performance was given by the Chicago Civic Opera Company. Later, a company in New York came on the air for a few performances, as did the Chicago company when visiting Boston and other cities. Neither of the two major opera companies (one of which has never tolerated its performances to be broadcast) were heard again until these Links: the Bluc and Red, came into existence. With more than twenty stations over the country included in these "links," an advertiser secured the rights to a single-act-performance originating on the stage of listeners might wish to hear an opera in its entirety, and there are reasons why they may not, there is deep gratitude felt for the sponsor of this feature on so many programs. The choice of the Garden scene from the opera Faust was a happy one.

The broadcasting through Station WEBH, Chicago, of organ recitals from the Piecadilly theatre (which has become a regular feature) adds one more possibility for lovers of this instrument. This organ, by the way, is a superior one and will be so recognized by listeners of the cognoscente class and others. Perhaps the greatest impressions are those produced by various effects in combination of stops, which on this instrument seem unlimited; yet no disappointment will be felt with the work of the organist in interpreting his selections.

A portion of an organ recital was heard from Station WOC, Davenport, Ia., which indicated a program of more or less classical nature. That familiar composition by Dvorak, the New World Symphon, often suffers curtailment of all its parts save the largo movement, which no one will deny is melodious and pleasing and may be, after all, of sufficient length for an ordinary program number. Yet the organist canot escape from censure for having allowed the tempo to lag unduly—a not altogether unusual error. Other numbers were sufficiently pleasing to deserve only commendation. commendation.

Station WIOD, Miami Beach, Fla., appears to sense the taste for dance music among its visiting vacationists, for that type of entertainment abounds. No comment on the orchestra is needed. It is on a par with others giving the same class of music. The announcements are brief and satisfactory—all that any, announcements should be. What else can be said for entertainment from the "wonderful isle of dreams." Well, you fill it in and send to the station.

Once again Radio listeners had the good fortune to hear Mmc. Kurenko, a coloratura singer without a superior in this country today, assisted by Mr. Stefano, whose solo harp numbers emphasized the adaptability of this ancient instrument to broadcasting. Then we heard that cminent pianist, Josef Hoffmann, in a program replete with the choicest works of Chopin and numbering among them the exquisite nocturne in D flat, of considerable harmonic interest, which was included among the several cuocen numbers. Thank fortune, or some wealthy sponsors, we have no lack of such broadcasting!

AN EVENING AT HOME WITH THE LISTENER IN IN EASTERN TIME

<u> </u>										
Call		-		Saturday	Sunday	Monday			Thursday	Friday
CFCA CFCN CJCA CKAC CKCL CKNC CKY CNRO CYH CYJ		. 410.7 . 356.9 . 356.9 . 384.4 . 434.5 . 311	840 780 690 964 750	7:30-12:30 Silent 10:00-11:00	3:00- 4:53 Silent 7:00-10:00 Silent Silent Silent	Silent 9:30-11:30 Silent 8:00- 9:00 8:30-12:00 Silent Silent 10:00-11:00	7:15-11:3 6:45-12:0 Silent Silent Silent Silent 0 10:00-11:0	9:00- 1:00 7:30-12:30 10:30- 1:00 0 10:00-11:00	10:30-11:00 11:00- 1:00 8:30- 9:30 12:00- 1:00 Silent 8:30-10:00 Silent Silent 10:00-11:00	Silent Silent Silent 10:30- 1:00 10:00-11:00
KDKA KFAB KFDM KFI KFJF KFKX KFNF KFOA KFON	Lincoln Beaumont, Wichita. Los Angeles Okla. City Hastings Shenandosi Scattle. Long Beach	340.7 315.6 267.7 467 260.7 288.3 461.3 454.3 232.4	$\overline{}$	6:00- 9:53 6:30-11:30 Silent 8:30- 9:30 10:00- 5:00 8:15-11:31 Silent 8:00- 1:00 12:30- 2:00 9:00- 3:00	9:00-10:00 9:00-10:00 8:00- 9:00 9:00- 5:00 2:30-10:00) 6:30-11;30 Silent 8:30-9:30 10:00-2:00 8:15-10:4 6:15-11:00 10:00-1:00 10:00-3:00	9:00-11:0 8:30- 9:3 10:00- 2 0 Silent 6:15- 7:1 8:00-10:0 9:00- 2:0 9:00- 3:0	5 6:15- 7:15 0 8:00- 1:00 0 10:00- 1:00 0 9:00- 3:00	Silent Silent Silent 9:30- 2:00 8:15-10:45 6:15-11:00 8:00- 9:00 Silent 9:00- 3:00	6:30-11:30 9:00-11:00 Silent 10:00- 2:00 8:15-10:45 8:15-11:00 8:00- 9:00 9:00- 2:00 9:00- 3:00
KFRU KFSD KFUO KFWB KFWI KGO KGW KHJ KIAF KJR	Seattle	245.8 454.1 252 249.9 361.2 491.5 405.2 421 384.4	600 1220 550 1190 1200 830 610 740 709 780		12:80- 2:00 11:00- 3:00 9:30- 1:00 10:30- 1:00 10:00- 1:00 3:00- 4:00 10:45- 1:45	Silent 8:00- 9:00 10:00- 2:00	7:15- 8:1 7:00-10:0 7:30- 8:3 10:00- 2:0 Silent 9:00-12:0 9:00- 3:0 11:00- 2:0 Silent 10:00- 1:0	\$ 10:00-12:00 0 7:00-10:00 0 10:15-11:15 0 10:30-2:00 11:00-4:00 0 9:00-1:00 9:00-1:00 11:00-2:00 8:00-9:00 10:00-2:00	7:00-10:09	7:15- 8:15
KLDS KLX KMA KMM KMOX KOA KOA KOIL KPO	Independ Oakland Shenandoak I Clay Center St. Louis Hollywood. Denver Council Bif San Fran	161.3 229 280.2 336.9 322.4 305.9 428.3	1310 1070 890 930 980 700	9:00-10:06 Silent 10:00-12:00 9:00-10:00 7:00- 2:00 10:00- 3:00 12:30- 1:30 8:30- 3:00	Silent 5:00- 7:00 9:45-10:45 7:00- 1:00 7:30- 1:00 8:30-10:50 8:30- 1:00 9:00- 1:00	Silent 11:00- 1:00 10:00-12:00 9:00-10:00 7:00- 2:00 9:30- 3:00 9:30-11:15 7:03- 1:00 9:30- 3:00	8:00- 9:00 Silent 10:00-12:00 9:00-10:10 7:00- 2:00 10:00- 4:00 8:30-11:00 7:03- 1:00 9:30- 2:00	Silent 11:00-1:00 10:00-12:00 Silent 7:00-2:00 10:00-3:00 8:30-11:15 Silent 9:30-2:00	9:00-10:00 Silent 10:00-12:00 9:00-10:00 Silent 10:00- 3:00 Silent 7:03- 1:00 9:30- 2:00	Silent 11:00- 1:30 10:00-12:00 9:00-10:00 7:00- 2:00 10:00- 3:00 8:00-11:15 8:00-11:15 9:30- 2:00
KPRC KPSN KSBA KSL KTAB KOMO KTHS KUOA KVOO	Pasadena Shreveport Salt Lake Clarinda Oakland Seattle Hot Springs Fayetteville Bristow	315.6 260.7 1 299.8 1 405.2 302.8 305.9 374.8 299.8 1 374.8	740 990 980 800 800	8.00- 2:00	8:00-12:00 9:30-12:00 Silent 10:45-12:15 12:10-9:10 10:00-12:30 8:30-9:30 7:00-2:00	8:30-10:00 11:00- 1:00 10:00-11:00 10:00-12:15 8:30- 9:30 7:00- 2:00	8.00- 2:00	9:30- 1:00 8:30-10:00 11:00- 1:00 Silent 10:00-12:05 9:00-10:00 8:00- 2:00	9:00-10:30 9:30-1:00 8:30-10:00 12:00-3:00 Silent 10:00-1:00 9:00-10:00 8:00-2:00	Silent 11:00-12:15 Silent 9:30-12:00 8:30-10:00 11:00- 1:00 10:00- 3:00 Silent 8:00- 3:00
KWCR KWKH KWSC KYA KYW NAA PWX WADC WAAM	Newark	399.8 535.4 434.5 400 258 1 263 1	969 860 750 560 750 160 140	Silent 8:00-1:00 Silent 9:30-2:00 6:30-12:00 Silent 8:30-1:00 Silent 6:00-11:00	Silent 10:30-12:00 4:30-12:00 Silent Silent Silent Silent	8:00- 1:00 10:15-12:00 9:30- 1:00 Silent 7:45- 8:00 Silent 9:00-12:00 6:00-11:00	6:30-12:00 7:43- 8:00 8:30-12:00 Silent 6:00-11:00	6:30-12:00 7:25- 8:40 8:00-12:00 7:15- 8:15 6:00-11:00	8:00- 1:00 Silent 9:30- 2:00 6:30-12:00 7:45- 8:00 8:30-11:30 10:00-12:00 6:00- 7:00	10:00-11:00 8:00-1:00 10:15-12:00 11:00-2:00 6:30-12:00 7:45-8:00 Silent 7:15-12:00 6:00-11:00
WAIU WAMD WASH WBAL WBAP WBBM WBBR WBCN	Grnd. Rapds Baltimore. Fort Worth Chicago. Staten Isld Chicago.	293.9 1 244 1 256.3 1 246 1 475.9 226 1 416.4 266 1	950 020 230 170 220 630 330 720 130	8:00-10:00 8:00- 1:00	10:30-12:00 5:00- 2:00 9:00-10:15 5:00-10:15	7:30-11:30 6:00-11:30 8:00-1:00 8:00-9:00 6:00-12:00 8:30-1:00 Silent 8:00-9:00 Silent	Silent 6:00-10:15 7:15- 1:00 8:00- 9:00 6:00-12:00 8:30-12:00 9:00- 1:00 Silent 8:00- 2:00	0.00 7.00	Silent 6:00- 7:00 7:15- 1:00 Silent 6:00- 12:00 8:30- 1:00 9:00- 1:00 8:00- 2:00	7:30-11:30 6:00-11:00 7:15- 1:00 8:00- 9:00 6:00-12:00 8:30-12:00 9:00-11:00 Silent 8:00- 1:00
WCAE WCAU WCBD WCCO WCFL WCOA WCX WDAF WDBO	Zion. MinnSt. P. Chicago. Pensacola Detroit Kansas City Winter Park	461.3 278 344.5 416.4 491.5 222 1 516.9 365.6 239.9	650 080 870 720 610 350 580 820 250	6:15-10:45 6:00-11:30 Silent Silent 7:15-12:05 7:00- 1:00 Silent 6:00- 7:00 7:00- 2:00 6:30- 8:55	6:30-11:00 3:00-12:00 5:00-11:00 9:00-11:30 5:10-12:30 3:00- 9:45 'Silent 7:15- 8:15 5:00- 5:45 7:30- 8:30	6:15-11:30 6:00- 1:15 7:15-11:30 Silent 7:15- 1:30 Silent 7:30-11:00 6:00- 9:00 7:00- 2:00 6:30-10:10	7:15-11:03 6:00-1:00 7:00-11:30 9:00-11:30 8:00-1:00 7:00-1:00 Silent 6:00-11:00 7:00-2:00 6:30-10:30		0.50-10.00	6:15-11:03 6:00-12:00 7:00-12:00 Silent 6:15-11:05 7:00- 1:00 7:30-11:00 7:00- 2:00 6:30-10:00
WEBJ WEBJ WENR WFAA WFBE	Cincinnati.	491.5 367 293.9 370.2 272.6 1 348.6 265.3 1 475.9 232.4		Silent 5.00-12:00 5:30- 9:30 Silent 7:00- 3:00 Silent 6:45-10:00 7:00- 3:00 7:00- 1:00 7:30-10:00	10:15-11:15 2:00-10:45 6:30-7:45 Silent 6:00-10:00 Silent 3:00-11:15 3:00-1:00 7:00-1:00 9:30-11:00	7:30-10:15 4:00-12:00 5:30- 9:30 Silent Silent Silent 6:00-12:00 Silent 7:30-10:30 7:30-12:00	10:00-10:30 4:00-12:00 5:30- 9:30 7:00- 9:00 6:00-12:00 7:00- 9:00 6:00-10:35 7:00-11:00 7:30- 1:00 7:30-11:30		5:30-9:30 8:00-10:00 6:00-12:00 Silent 6:00-11:00 7:00-11:00 7:30-10:30	7:30- 1:00 4:00-12:00 Silent Silent 6:00-12:00 7:00- 9:00 6:00-10:35 7:00- 3:00 7:30-10:30 7:30-10:00
WEMC WFI WGBF WGBS WGCP WGES WGHB WGHP	Berrien Spg. Philadelphia Evansville. Clearwater. New York. New York. Chicago. Cloarwater. Detroit. Chicago.	266 1	050 760 270 130 950 190 950 130 110	Silent 6:45-11:00 Silent 7:00-11:00 6:00-11:30 8:30-12:00 6:00- 2:00 8:30- 1:00 Silent 6:00-12:00	9:15-10:15 7:30- 8:30 Silent Silent 6:00-11:30 3:00- 6:00 6:00- 2:00 Silent 8:30- 9:30 3:00-12:00	9:15-10:15 6:45- 7:45 8:00- 1:00 7:00-11:00 7:30-11:30 9:00-11:30 Silent 8:30- 1:00 6:00-10:00 Silent	Silent 6:45-11:30 9:00-11:00 7:00-11:00 6:00-11:30 Silent 6:00- 2:00 8:30- 1:00 6:00-10:00 7:01-12:00	9:15-10:15 6:45- 7:45 Silent 7:00-11-00 7:30-11:30 7:00- 9:15 6:00- 2:00 8:30- 1:00 6:00-10:00 7:01- 1:30	6:45-11:00 Silent 7:00-11:00	9:15-10:15 6:45-7:45 8:03-11:00 7:00-11:00 7:30-11:30 7:00-9:10 6:00-2:00 8:30-1:00 6:00-12:00 7:01-12:00
WGR WGY WHAD WHAR WHAS WHAZ WHB WHK WHK WHN	Buffalo	379.5 275.1 275.1 399.8 379.5 365.6 272.6 1	940 790 090 090 750 790 820 100 830 570	Silent 6:30-12:00 7:15- 9:00 7:30- 9:00 8:30-10:00 Silent 8:00- 9:00 6:00-12:00 Silent Silent	7:45-10:15 3:00-10:15 4:15- 5:15 7:50-10:00 7:20:10-15 Silent 8:00- 2:00 5:00- 9:45 6:30-12:00 6:00- 1:00	8.00- 1:00 6:00- 7:30 7:15-10:45 7:30-12:00 Silent	6:30-11:30 6:00-11:30 7:15-11:30 7:30- 9:00 8:30-10:30 Silient 8:00-10:30 6:00-11:00 8:00-12:00 8:30-10:00	6:30-11:00 6:00-11:30 7:15- 1:30	6:30-11:00 6:00-12:30 7:15-12:00 7:30-12:00 8:30-10:00 Silent 8:00-11:00	9:00- 1:00 6:00-11:30 7:15-11:00 7:30- 9:00 8:30-10:00 Silent 8:00- 9:00 6:30-11:30 6:30-12:00 8:30- 1:00
WJAR WJAX WJAZ WJJD WJR WJZ WKAQ	Chicago Philadelphia Providence. Jacksonville Chicago Mooscheart Pontiae New York San Juan	226 508.2 485.1 336.9 329.5 370.2 516.9 454.3 340.7	750 330 590 618 890 910 810 580 580 660 880	Suent	7:00-1:00 3:00-1:00 4:00-11:00 6:00-9:15 8:00-9:00 7:15-10:00 3:00-6:00 10:00-11:00 7:00-11:15 Silent	Silent Silent 6:45- 8:00 7:45-11:00 7:00-12:00 Silent Silent 7:00-10:00 7:00-11:30 Silent	7:00- 1:00 7:00- 3:00 6:00-11:30 7:30-10:00 7:00-10:00 7:15- 1:00 9:00- 2:00 7:00-10:00 7:00-11:45 Silent	7:00- 1:00 7:00- 1:00 6:00- 8:00 7:30-11:00	7:00- 1:00 7:00- 3:00	7:00- 1:00 7:00- 2:00 6:00- 8:00 7:45-11:30 7:60-10:00 7:15- 1:00 9:00- 2:00 7:00- 9:00 7:00- 9:00 7:00- 9:00
WKRC WLIB WLIT WLS WLW	Cincinnati. Nashvilla Chicago Philadelphia Chicago Cincinnati. New York Lockport Chicago Chicago MiamiBea'h	422.3 7	920 330 990 760 370 710 780 130 200	Silent 8:00-10:00 8:00-1:30 Silent 7:10-2:00 7:45-10:00 Silent 6:30-12:30 7:00-11:00 8:00-12:00 7:00-1:00	6:45-1:15 10:00-11:00 6:00-7:15 Sitent 7:00-8:55 7:30-9:50 8:00-9:00 7:50-8:50 Sitent 4:00-12:00 7:00-1:00	6:15- 1:00 8:00- 1:00 Silent 8:00-11:30 Silent 7:00-11:20 8:00-11:20 6:15-11:00 Silent 7:00- 1:00	0:00-12:00 Silent 8:00- 1:15 Silent 5:30- 1:30 7:00-10:00 9:00-11:45 6:15- 1:30 7:00-10:45 8:00-12:00 7:00- 1:00	8:15- 1:00 8:00- 1:00 1	8:00-10:00 0:00- 1:00 8:00- 1:30 Silent 6:30- 1:30 7:00- 1:15	Silent Silent 8:00- 1:30 7:00-11:00 6:30- 1:00 Silent Silent 7:00-10:30 7:00-11:00 8:00-12:00 7:00- 1:00
WMC WMCA WNAC WNYC WOAN WOON WOO WOC WOI WOK	Memphia	499.7 6 340.7 8 431 6 526 5 394.5 7 282.8 10 526 5	97 70 60 60 70	9:30-10:30	Silent 6:00-12:15 5:00-10:05 6:00-10:35 8:45- 9:45 10:00-11:00 1	9:30-10:30 6:00-12:15 6:00-12:30 6:00-10:35 Silent 0:00- 2:30 7:00-12:00 Silent 8:45- 9:45	9:30- 1:00 6:00-12:15 6:00-11:05	Silent 6:00-12:15 6:00-10:00	9:30-10:30 6:00-12:15 6:00-10:30 6:00-10:30 9:30-10:30 0:00-11:00 11:00-12:00 7:30-12:00 8:30-9:30 7:00-1:00	0:30- 1:00 0:30- 1:00 0:00-12:15 0:00-10:30 0:00-10:35 0:30-10:30 0:00-12:15 0:30-10:30 0:00-12:15 0:30-1:00 Silent
WOO I	Philadelphia Kansas City Newark Batavia Jeffer'n City AtlanticCity Chicago Washington Lansing Dallas Richmond	508.2 5 278 10	90	7:30- 8:30 2:00-12:00 5:15-12:00 7:00-10:25 Silent 7:00-12:00		7;30-11;30 Silent 6:15-12:00 Silent 8:00-12:00 7:00-12:00 Silent 7:00-12:00	7:30-8:30 9:00-10:00 6:15-12:00 7:00-12:45 Silent 7:00-12:00 8:00-3:00 7:00-11:30 8:15-10:00 7:00-10:00	7:30-12:00 Silent 6:15-12:00 7:00-12:00 Silent 8:00-10:00 Silent 8:00-3:00 6:45-11:30 6:00-7:00 Silent	7:30- 8:30 7 8:00-10:00 7 5:15-12:00 7 7:00-10:00 7 Silent 8 7:00-12:30 7 3:00- 3:00 8 7:00-11:00 8 7:00-11:00 7	2:30-11:30 Silent :15-12:00 :00-12:45 :00-12:00 :00-12:00 :00-12:00 :00-10:00 :00-10:00 :00-10:00
WSBC WSBC WSKC WSKC	Atlanta Chicago Bay City Nashville	325.9 9 428.3 7 288 10 260.7 11 282.8 10	20 00 40 50 1	1.15 1.00	8:00-10:15 6:00-10:15 7:30- 2:00 Silent 7:20-10:15	8:00-12:00 7:00- 1:00 7:30- 8:00 9:00-11:00 Silent 7:00-10:00 9:30-12:30	7:00-1:00 9:00-10:00 7:30-2:00 Silent 9:00-10:00 7:00-10:00 7:00-10:00 Silent Silent 8:00-10:30 6:00-12:00 6:00-11:00 6:00-9:00	7:15-12:00 1:45- 1:90 7:30- 2:00 9:00-11:00 8:15-10:30 7:00-10:00 9:30-11:30 9:30-11:30	5:40-12:00 0:00-1:00 7:30-2:00 5ilent 7:30-12:00 7:00-11:00 7:30-11:30	Silent :00- 1:09 :30- 2:00 Silent :00-10:00 :00-11:00 Silent :00-10:30 :00-12:00 :00-11:00

STATIONS IN ORDER OF WAVE LENGTHS

	ers Call	Meters	s Call	Meters	Call	Meters	Call	Meters	Call	Meters	Call
226	WBBM	265.6	WMAK	305.9	KOIL	352:7	WWI	400	CA1	467	KFI
226	WIBO	268	KFH	305.9	KOMO	356.4	WOAN	400	PWX	468.5	WRC
226	WLAC	270.1	WCHP	369.1	KDKA	356.9	CFCA	405.2	KHI	475.9	WBAP
229	KMMJ	270.1	WOI	312.6	KWKH	356.9	CKCL	405.2	KSO	475.9	WTIC
232.		272.6	WEBJ	315.6	KFDM	356.9	CKNC	405.2	WOR	475.9	WFAA
232.		272.6	. WHK	315.6	KPSN	361.2	KGO	406	WBAR	480	CYL
236.		275.1	WHAD	315.6	WABC	361.2	WHN	410.7	CKAC	483.6	WOC
241.		275.1	WHAR		WEMC	365.6	WDAF	410.7	WOK	483.6	WSUI
246	WAMD	275.1	WORD	315.6	WCBS	365.6	WHB	416.4	WBBR	483.6	WJAR
246	KFSD	278	KWCR	315.6	WGES	367	WEAN	416.4	WCCO	491.5	KGW
246	WRAL	278	WCAU	319	WGR	370.2	WEBH	421	KIAF	491.5	WCFL
249.	0 KFWI	278	WOQ	319	WSMB	370.2	WJJD	422.3	WLW	491.5	WEAF
250	WMBB	280.2	KMOX	322.4	KOA	374.8	KTHS	428.3	WSB	499.7	KFRU
252	KFWB	280.2 282.8	KOAC	325.9	WKRC	374.8	KVOO	428.3	KPO	499.7	WMC
252	WCOA	285.5	WSM	325.9	WSAI	379.5	WGY	431	WNAC	502.8	KFQB
252	WGCP	285.5	WEMC	329.5 333.1	WJAZ	379.5	WHAZ	434.5	CNRO	508.2	KLX
256	WDOD	288.3	KFKX	336.9	WBZ	384.4	CKY	434.5	CFCN	508.2	WIP
256	WRVA	288.3	WSBC	336.9	WIAX	384.4	WLWL	434.5	NAA	508,2	WOO
258	WADC	293.9	WAIU	340.7	KFAB	384.4	KJR	440.9	KLDS	516.9	CJCA
260.		293.9	WEAO	340.7	WKAQ	384.4	WMBF	440.9	WOS	516.9	WCX
260.		296.9	KPRC				WTAM	447.5	WAIAQ	516.9	WJR
260.		299.8	KSL		WMCA	394.5	WFI	447.5	WQJ	526	WHO
		299.8	KUOA	344.6	WCBD	394.5	WLIT	454.3	KFOA	526	WNYC
263	WAAM	299.8	WPG	344.6	WLS	394.5	WOAI	454.3 455	KTW	526	WOAW
265.		302.8	WGN	348.6	KWSC	399.8	KYA	461.3	KENE	535.4	KYW
265.	WENR	302.8	WLIB	348.6	WEEL	399.8	WHAS	461.3	KMA	545.1	KFUO
265.	WGHB	302.8	KTAB	350	CZE	399.8	WHT	461.3	WCAE		WTAG
					200	0,		.01.0	110.715	373.1	24 1 44 (

WHAD FOUNDER HAS UNEXPECTED DEATH

ILWAUKEE, WIS.—The Rev. John B. Kremer, S. J., founder of the Marquette University—Milwaukee January 18. in the Marquette University hospital at Milwaukee.

Radio was Father

opened at Marquette university in the fall of 1924, more station space was provided. Under Father Kremer's supervision a 500-watt set was installed. Many parts of the apparatus were built by the deceased him-self.

self.

The Milwaukee Journal then joined in operating the station and providing programs. WHAD has been on the air with daily programs since the combination of university and newspaper was effected.

New Stations and Changes

hospital at Milwauke.

Radio was Father Kremer's hobby. He was interested in the development of Radiotelephony and undertook to build a broadcasting station about six years ago.

WHAD, then a 250-watts; KGEX, Muscatine, Iowa, 256-watt station, was the result. It went on the air for the first time in 1921. The apparatus occupied a sperated every Wednosday night for the first three years of its existence.

When a new Science building was



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secure a solection of twelve fine photogravers of their lavorite Radio stars. These photogravures
can only be compared with the finest photos obtainable. See coupon below.

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Select Your Favorites From the Callery of Radio Stars

1 Wondell Hall, king of ukulae ditties

2 Graham McNamee, 1925 Gold Cup announcer

3 Little Jock Little, crossing plano balled

4 Billy B. Van, the Sunshine Man

5 Coon-Sanders Original. "Nighthawks"

5 Broft and Gleen, Lulleby Boys of WLE

8 Ford and Gleen, Lulleby Boys of WLE

9 Thory "Rotherl of WEAR" chain fame

10 The Rived Hend, famous "Substitute Announcer" of WHAE

12 Daniel May 18 Broiber of WEAR

13 Bill "W. G. Bay, et-KFKX, now et WLIB

4 Happiness Boys, joylal singers of WEAR

5 Hampiness Boys, joylal singers of WEAR

6 Hampiness Boys, joylal singers of WEAR

7 Henry Field, 1925 Gold Cup unesure

18 Al Carney, cream favorite at WHT

19 Earl E. Mas, 1936 Gold Cup Announcer

19 Earl E. Mas, 1936 Gold Cup Announcer

10 The Correlation of WEAR Control of WEAR

11 Link SWY WY WAR

12 Hampiness Boys, joylal singers of WEAR

13 Hampiness Boys, joylal singers of WEAR

14 Hampiness Boys, joylal singers of WEAR

15 Hampiness Boys, joylal singers of WEAR

16 Hampiness Boys, joylal singers of WEAR

17 Henry Field, 1925 Gold Cup announcer

18 Hampiness Boys, joylal singers of WEAR

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25 Hampiness Boys, joylal singers of WEAR

26 Hampiness Boys, joylal singers of WEAR

27 Hampy Field, 1925 Gold Cup announcer

28 Hampiness Boys, joylal singers of WEAR

29 Hampiness Boys, joylal singers of WEAR

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23 Hampiness Boys, joylal singers of WEAR

24 Hampiness Boys, joylal singers of WEAR

25 Hampiness Boys, joy

COOLIDGE ADDRESS FEBRUARY 22 IN GI

WMCA New York, N. Y. (340.7m-880kc) 6;30 p. m. Broadway chait; 7. Joe Friedman's; 11. Hotel Mc-Alpin orchestra.
WOO Philadelphia, Pa. (508.2m-590kc) 7;30 p. m. dance combestra.

WOO Philadelphia, Pa. (506.Zm.500kc) 7:30 p. m. damee orchesta. J. (606.Zm.740kc) 6:15 p. m. Bill Wattley in sports; 6:30, Hotel bretton Hall string quartet; 7:30, dance orchestra. 10:30, novelty program; 11, dance orchestra. 10:30, concert; 9; bual concert trio; 10, bridge; 10:30, studio program; 11, dance orchestra. WRC Washington, D. C. (468-m-640kc) 7 p. m. WRC Washington, D. C. (468-m-640kc) 7 p. m. WRC Washington, S. (30), WEAF, 9 WEAF; 10:30-11:30, Meyer Davis' Swance Syncopators.

WSAI Cincinnati, Ohio (325.9m-920kc) 7 p. m. quartet; 8, WEAF; 9-10:30. WEAF, program; 12, WTAC Worcester, Mass. (545.1m-550kc) 8-10:30 p. m. WEAF.

HIGH LIGHTS OF THE AIR

IGHT minutes, please for your government," is the vether on the Saturday night broadcasts of the WEAF chain. This giant class in government was started on Lincoln's birthday and will continue for thirteen weeks. David Lawrence, Washington correspondent and editor of "The United States Daily," will conduct the course.

correspondent and euror of the Conduct the course.

The "Windy City" comes into its own late Monday night, February 21, when KPO dedicates a program to Chicago. Several talks will be given by prominent Chicago citizons spending the winter in California. Music appropriate to Chicago's history and activities will be rendered by KPO's favorite artists. Tune in Chicago at 11 p. m. Pacific time.

During the Eveready hour, Tuesday night, February 22, Pablo Casals, a well-known Spansth cellist, will give the program. The program given by WEAF and chain will go

of the AIR

on the air at 9 p. m. Eastern time.

Mr. Casais will be supported by
Earbara Maurel, nezzo-soprano.

President Coolidge will face a
incrophone connecting thirty-five
broadcasting stations when he makes
his address before a joint session
of Cougress at 12:30 p. m. on Washington's birthday, Pebruary 22. This
tremendous hook-up, which includes
stations from coast to coast, is being
made in celebration of the twohundredth anniversary of Washington's birthday. The National Broadcasting company has tendered the
government its facilities for the
interconnection of these stations.
The key station will be WEAF.

The broadcast of the popular
Thursday night program of the Chicago Symphony orchestra by WMAQ
was so much appreciated by fans
that this station plans a return
broadcast Thursday, February 24.
The program begins at 8 p. m. Central time. Frederick Stock will direct
the orchestra.

How To Use Programs

WHILE the previous arrangement of advance programs was thought sultaday and convenient for listeners, Radio Digest has found that it was not intelligible to many readers. The arrangement hereafter, beginning with this issue, will be as found below.

The programs are listed starting with the date of issue of Radio Digest. In this case it is Tuesday, February 1. First are given the "Headliners" or best programs to listen to on that date. Then the "Regular Tuesday Features."

Wednesday Features" follow. The "Tuesday Silent Night" stations are listed at the foot of the "Regular Tuesday Features."

Wednesday, February 2, immediately follows and is arranged in the same fashion as Tuesday, Friday, Saturday, Sunday, and Monday, February 3 to 7, respectively, come next, and are likewise arranged as desorthed.

BUT for the remaining days of the semi-month, February 8 to 14, inclusive, no "Regular Features" or "Silent Nights" are shown. The reader is referred back, at the end of the "Headliners," to the respective date under which this information is first given.

given.

For example, under the "Headliners" for Tuesday, February 8, will be found the footnote, "Regular Features and Silent Nights are the same as for Tuesday, February 1, and will be found by referring back to that date." This note explains itself

back to that date." This note explains itself.

There is no need to waste space by repeating the regular programs for a given day of the week when these programs are the same as for that day the week before. Where there is a difference the "Headliners" will show it.

By this simple space-saving trick, Radio Digest can give much more complete programs than was possible a year ago, and using but few additional pages.

TUESDAY, FEBRUARY 15 Headliners

w Alt. (4/2.5m-6.60kc) Ruth Wild, soprano, 4
WEAF (491.5m-6.60kc) Elsie Barmen, soprano, 6
WG (493.6m-6.20kc) Farrow's Chanticleers, 4-15
WGBS (315.6m-950kc) Barold Veo, violin recital, 7:30
WMAQ (447.5m-6.70kc) Jack Channar's orchestra, 8
3 (47.5m-6.70kc) Jack Channar's orchestra, 6 WBAL (245.8m 1220kc) Wilton Carman, baritone.
WMCA (340.7m-850kc), Italian hour:
WRN (374m-862kc) Prairyjand.
WRN (374m-862kc) Prairyjand.
WRN (375.9m-850kc) Proirs Boliday."
STAR (375.9m-850kc) Proirs Boliday."
STAR (375.9m-850kc) Proirs Boliday."
WRN (375.9m-850kc) Proirs Boliday."
WRN (315.6m-950kc) Marian Gilbool Gald Dr.
Addred G. Robyn, tabloid concerts on two pianos. pianos. WHAS (399.8m-750ke) Carl Zoeller's Melodists. WHB (365.6m-820ke) Hawaiian troupe. KFH (267.7:n-1120ke) Wichitz High School sym-RPH (2677m-1120kc) Wichita High School symphony, 1344.6m-370kc) Treble Clef Chorus, Celestial bells, 1346.m-370kc) Treble Clef Chorus, Celestial bells, 1345.m-251kc) Debate, 'Should we reward of the control of the co | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100

12:20 11:20 10:20 8:20 KGO (361.2m-830kc) Surprise broadcast.

Regular Tuesday Features

Eastern Time Stations CKAC Montreal, Que., Cap. (410.7m-730ke) 7:15 p. m. dinger concert; 8:15, hop; 9:30, bridge; 10:30, dance dinner concert; 8:15, hop; 9:30, bridge; 10:30, unine program. KDKA Pittsburgh, Pa. (309,1m-970kc) 6, m. little symphony; 7:45, address; 8, program; 8:15-11, Cmd theories (39,6m-750kc) 8:30-12 p. m. PWX Hayana, Cuba (39,6m-750kc) 8:30-12 p. m. program.

WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m.
dinner orchestra; 7:30.8, quartet; 8-9 rio; 9-9:30,
juhilee singers; 9:30-10, instrumental music;
10-11, Municipal band of Baltimore; 11-12, dance
orchestra. New York, N. Y. (416,4m-720kc) 7:30 p. m WBBR New York, N. r. (418,4m-rzwkc) /30 p. m. WPOSCARI.
WPOSCARI.
Organ; 8-9 WIZ; 10, hockey; 10,30, orcheste; 0,400 p. m. dorgan; 8-9 WIZ; 10, hockey; 10,30, orcheste; 0,400 p. m. dinner concert; 7-45, talks; 8, WEAF; 8:30, feature; 9, WEAF; 10, bridge; 10,30-1), orchestra; 0,500 p. m. SWEAF; 10, bridge; 10,30-1), orchestra; 0,500 p. m. SWEAF; 10, bridge; 10,30-1), orchestra; 0,500 p. m. SWEAF; 10, 8-130, rectain; 10, mass; 9,30 p. m. SWEAF; 10, 8-130, rectain; 9, mass; 9,30 p. m. Fraser, blind gospel singer; 10, Cathay dance orchestra. termaker; 8,30. recital; 9. imusic; 9,30. Robert Fraser, blind gospel singer; 10. Cathay dance or When the state of the st orchestra.
WEAO Columbus, Ohio (293.9m-1020kc) 7:45 p. m. musicale.
WEEI Boston, Mass. (348.6m-860kc) 7:30 p. m. inter-collegiate broadcast; 7:45, musicale; 8-8:30, WEAF: 8:30, musicale; 9-10:30, WEAF; 10:39, cruising the

bollogatte oronomari, 7-3. misstatic, 3-3.0., UEAR; 50.0., cruising the sir. Philadelphia, Pa. (384.5m-769kc) 6.45. Adelphia dance orchestra; 8. WEAR; 3.30. WEAR; 10.30. misstatic philadelphia dance orchestra; 8. WEAR; 3.30. WEAR; 10. Moment Misstake; 10.30. probestra; 10.30. Arrowhead int dance orchestra. WCHB Clearwater, Fla. (285.3m-1130kc) 7. p. m. dinner music; 7-45, open air band; 9. band, studio WCHP Detroit, Mich. (270.1m-110kc), 6-8. p. m. dinner concert; 8-8.30. campers' half hour; 8:30-9.30, hand; 9:30-10. minstreit; 8. WEAR; 8:30, hand; 9:30-10. minstreit; 8. WEAR; 8:30, weather the simulation of the concert; 3-8.30. campers' half hour; 8:30-9.30, hand; 9:30-10. minstreit; 8. WEAR; 8:30, weather the simulation of the concert of the simulation of the concert of the simulation of the

Hotel Statler Ostensons, V. (361.2m-830kc) 7 p. m. Ice-land orchestra; 7:30, music; 8, ensemble; 8:30, entertainers; 9, Prince Plotti; 9:30, orchestra; 11, entertainers; 9, Prince Plotti; 9:30, orchestra; 11, WICC Bridgeport, Com. (222.4m-1200kc) 7:15 p. m.

Sarc, "The Windjammer," left, turns the of the ladies with his Irish blarney from V To the right is Charles S. Haverstock, ch nouncer of KOIL. If you want to know mor him just ask Marcella. The Halsey Sisterwill take part in the KPO program, Febru dedicated to Chicago. They are well kno plano duets at this station.

WTAM Cloveland, Obio (3824m-770kc) 6 p. m. vaude-villie: 8-11 WEAF: 1-12 Room orchestra-WTIC Hartford, Coun. (4765m-1800m orchestra-Heublin trio: 7, evening program; 10, orchestra. WWJ Detroit, Mich. (382.7m-850kc) 6 p. m. dinner concert; 8, WEAF;

Concert: 8, WEAF

Central Time Stations

KFAB Lincola, Nebr. (M0.7m.880kg) 5:30-6:30 p. m.
musicale; 5:85-6:30, M. Orm.850kg) 5:30-6:30 p. m.

KFDM Beaumont, Texas (315.6m.950kg) orchestra.

KFDM Beaumont, Texas (315.6m.950kg) orchestra.

KFNP Shenandoah, Ia. (461.3m.950kg) 7 p. m. proggram; 3, garden talk.

KJM Shenandoah, Ia. (440.9m.680kg) 8 p. m.

Shiddo programance, Mo. (440.9m.680kg) 8 p. m. KFNF Shenandoah, Ia. (461.3m-680kc) 7 p. m. proKLDS, Independence M. (460.8m-680kc) 8 p. m.
studio program.
KM Shenandoah M. (460.8m-680kc) 9-11 p. m.
studio program.
KM Shenandoah M. (461.3m-680kc) 9-11 p. m.
studio program.
KMOX St. Louts. Mo. (280.2m-1070kc) 6 p. m.
dinner music; 7, program; 8, quarter; 9, soloist;
KMOX St. Louts. Mo. (280.2m-1070kc) 6 p. m.
Warner Brothers program; 8, 42-8-80kc; 6 p. m.
Warner Brothers program; 7, U. S. farm school;
7, 230. program; 8, program; 1, spark plugs.
KTHS, program; 8, program; 1, spark plugs.
KTHS, Hot Springs National Park, Ark. (374.8mWOO Bristow. Okla., 974.8m-500kc) 7-20, p. m.
KTHS, Hot Springs National Park, Ark. (374.8mWOO Bristow. Okla., 974.8m-500kc) 5-20, p. m. pcvs.
ROUB and Road. (355.4m-500kc) 5-20, p. m. pcvs.
DeBabary and his orchesters; Johny Hamp and his orchestra; 10:15. Ida Shediow.
WBAP Fort Worth, Tex. (475.8m-520kc) 7:33-8-30
WBAP Fort Worth, Tex. (475.8m-520kc) 7:33-8-30
WBAP Fort Worth, Tex. (475.8m-520kc) 7:33-8-30
WBBM Chiesao, III. (226.8m-1320kc) 7:33-8-30
WBBM Chiesao, III. (226.7m-1320kc) 8 p. m. classical proKTHS, 10-11, Minner Minner Minner Marker, 11 proKTHS, 10-11, Minner Minner Minner Marker, 11 proKTHS, 10-11, Minner Min WCBD Zlon, Ill. "(344.6m-870kc) 8 p. m. classical program.
WCCO Minnespolle-St. Paul, Minn. (416.4m-720kc)
75. musical cornedy, Garrout's chocclar local program of the control of the control league; 10:30. Trustodians.
WCFL Chicago, Ill. (434.5m-640kc) 6 p. m. talks; 7.
Brevoort trio: 3. Spinning wheel hour: 12. Rendezvous cafe.
WDAR Sanas City. Mo. (355.6m-820ke) 6 7 p. m. classical
WEBH Chicago, Ill. (437.6m-810kc) 7 p. m. classical
hour; 9-11, Balaban and Katz Uptown theater musicol, hills.

entertainers; 9, Prince Fiotit; 9:30, orchestra; 11, WEBH Charact, 11, 175. Nighthavk (rolle Wiley St. William) (236. ma-190ke) 7:15 p. m. prostant geoport, Conn. (236. ma-190ke) 7:15 p. m. prostant geoport, Conn. (236. ma-190ke) 6:10 p. m. dinner music; 1 unclo Wiley St., dramatic reviews; breadcast; 10:30 orchestra; 11, orchestra, webb, breadcast; 10:30, orchestra; 10:10, cash, breadcast; 10:30, orchestra; 10:10, cash, breadcast; 10:30, orchestra, veb, breadcast; 10:30, orchestra, veb, breadcast, orchestra, veb, breadcast,

1260kc). Stuart Dawson, songs; 9;30 (399.8m-750kc).

1260kc). Stuart Dawson, songs; 9;30 (399.8m-750kc).

WiBO Chicago, III, 1225m-1230kc) 1-5 P. m. Uptwn conservatory; 124.; annobree.

WJAZ Chicago, III, 1225m-1230kc) 1-5 P. m. Uptwn conservatory; 124.; annobree.

WJAZ Chicago, III. (329.8m-910kc) 7:15 p. m. Little shart; 9;50. Shoreland program; 9:30, 6arc of the hair; 9;50. Shoreland program; 9:30, 6arc of the hair; 9;50. Shoreland program; 9:30, 6arc of the hair; 9:50. Shoreland program; 9:40 p. m. shoreland p

WSM. Neshville. Tenn. (282.5m.-1603kc) S. WSM. WSM. St. S. Penn. 1900kc) S. p. m. talk: 815. popular program; 9. Whoth: S. S. p. m. bridge. KOA Denver. Colo. (132.5m.-820kc) 9 p. m. bridge. Pacific Time Stations

KOA Denver. Colo. (132.5m.-820kc) 9 p. m. bridge. Pacific Time Stations

KII Lor Asgeles. Calif. (467m.-642kc) 7-8 p. m. serestatistic Stations of the Stations of the

DANGING Central Time

Central Time

Monday

8. Wgrp: 9. Wjar,
Wor: 9.15. Wahr; 10.0,
Kha. Wgrp. Wgr. Wurz.
Wgr: 19.15. Wort: 10.30,
Wgr. 10.15. Wort: 10.30,
What Wgr. William William
Kall, Wgr. William
Kall, Wgr. 10.50,
Whn, Who, Wjar; 11.45,
Wdaf: 13, Knr. Kno.
Tuesday

10.15, Kthr. 10.30, Kth.
Kgw. Koll. William
Kgw. Koll. William
Kgw. Koll. William
Kgw. William
Wodnesday

Wednesday

Wddr, Wisz, L. Wqj.

Wednesday
9:15, Wahr: 9:30, When,
Who, Wr: 10. Kfve,
Whap, West, Wg; 10.05,
Wecc, 10:30, Whap, Wha;
11, Kmer, 10:11, Khon,
Webn, Wgbu, Weep, Wgr,
Who, Wgbu, Fyep, Wgr,
Will, Kmr, Rpo,
Wdd, Rysu, Kreb,
Wgw, Wild,
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Thur day

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S. Wija. Wijd.

Wheel Weel, Winh. We.

S. Wir. 2 Wroth. Weal,

What. Wir. Wmbb. Weal,

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9.30. Wgbs. Wgz. Whn:

9.30. Wgbs. Wgz. Whn:

Who. Wgbs. Wgz. Whn:

10.30. Khs. Whn. Webh.

Wgbu, Whn. Waca. What.

Was. What. S. Khs.

Kes. What. S. Khs.

Kes. What. S. Khs.

Kes. What.

Kes. Wijd.

Friday

Wdaf: 19, Kgo, &h;
Knx, Kno, Wjld.

Friday

8, Wei; 9, Wer; Webh,
Wool, Wzbb, Wnn,
Knub; 9:16, Wan; 9:30,
Knub; 9:16, Wan; 9:30,
Knub; 9:16, Wan; 9:30,
Yeau, Whin, 10, Kno,
Who, Wgr, Wolh,
War, Wolh,
Satunday

9, Wabh, Whaz, Wmbb,
Wnr, Wree; 9:10, Ktha,
Whip; 9:30, Ktha, Wghx,
War, Wre; 10, Knox,
Kfwa, Kox, Kno, Weaf,
Wen, Wiaz, Wir,
Wree, Wiaz, Wir,
Wree, Wine; 10:30,
Wine; 10:35,
Wine; 10:35,
Wine; 10:35,
Wine; 10:35,
Wine; 11:35,
Kfwa; Kox, Webh,
Wiax, Webh,
Wiax, Webh,
Wiax, Kfwb, Kpa, Webh,
Wiax, Wild.

IN GREAT COAST-TO-COAST BROADCAST



DANCING Central Time Monday

Friday

Friday

S. Wwi; 9, Wer, Webb,
Weel, Wgbp, Wgcp,
Wmbb; 96:15, Webg; 9:30,
Weao, Whin: 10, Kgo,
Kths, Wgbu, Wgcp,
Whu, Wgr, Wgi

KYA San Francisco, Calif. (399.8m-750kc, 1000 watts) 6:30-7:30 p. m. dinner concert; 10-11, orchestra. Tuesday, silent night for: CFCA, KFH, KFKX, KFUO, KLX, KOB, KSWC, KWWG, WABC, WAMD, WBBR, WCOA, WEMC, WGCP, WLIT, WOS, WRVA, WSMB, WSUI, WTAM, WTIC.

WEDNESDAY, FEBRUARY 16

Headliners WLAC (225.4m-1330kc) Mrs. Barton arown, contraito.
WMCA (340.7m.880kc) Polish hour.
WMCA (256m-177k-15.6c) 5:15
W104 (256m-177k-16.excerpts from light opera, 830
WX (399.8m-750kc) Arny band.
WDAF (365.6m-820kc) Ararat Shrine Temple

PWX (399 8m-z60kc) Army band.

WDAF (365 m-820kc) Army band.

WDAF (365 m-820kc) Poor Cuss.

KUW (355 m-160kc) Poor Cuss.

KUW (355 m-160kc) RDXA (209,1m-970kc).

KUW (355 m-160kc) RDXA (209,1m-970kc).

KUW (355 m-160kc) RDXA (209,1m-970kc).

WCAO (355 m-190kc) Cusy of Milton program.

WCAO (395 m-190kc) Neil Bouse music hour.

WEAO (395) m-1020kc) Neil Bouse music hour.

WEAO (395) m-1020kc) Neil Bouse music hour.

WEAO (395) m-1020kc) Selections from 'The Tempest, Print' C. F. Glinder, Neil Bouse music hour.

WEAO (395) m-20kc) KVW (355 m-50kc)

WMAO (447-5m-70kc) Jack Chapman's orchestra.

9:10 8:10 7:10 6:10

WWAA (256m-1170kc) Exceptly from light operations of the selection of the selectio Mayers,
M.W. (384-4m-780kc), Wendell Hart, tenor.
W.RVA (256m-170kc), "A String" qoartet,
10 (361,2m-830kc), Bert Andrews, songs,
W.RVA (256m-570kc), Hapac Grotto band and quartet. WJZ (454.2m-660kc) The Arm chair hour. WLWL (384.4m-780kc) "Chemistry and the Automobile." Chemistry and the Auto-mobile." WRVA (256m-1170ke) F. Flaxington Harker, or-

mobile.

McGord A. Schm-1170kc) F. Flaxington Harket, orMarket A. Schm-1170kc) F. Flaxington Harket, orMarket A. Schm-120kc, Denver and Rio Grande
McGord (416.4m-720kc) Vyonne Gauthier-Vivet,
McGord (416.4m-720kc) Vyonne Gauthier-Vivet,
McGord (416.4m-720kc) WCAG (461.3m-620kc)
WCGORD (416.4m-720kc) WCAG (461.3m-620kc)
WCGORD (416.4m-720kc) WCAG (461.3m-620kc)
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MCGORD (416.4m-720kc) WCAG (416.4m-720kc)
MCGORD (416.4m-720kc)
MCG

cert, WSAI, WJAR, 8:30, Davis Savonhone cetet, WJAR, WRC, WCAE, WEEH, WLIT, WJAR, WTAG, WSAI, 9, Ipan, Troubadours, WEEI, WCR, WRC, WCAE, WWW, KSD, WCCO, WLIB, WSAI, WS WRC, WGY; 11:39, 18:11 bettine, 18:11 levels (New York) and 18:12 levels, 18:12 levels dinner concert; 7:45. open as band 3:30, dense to science; 9, open house program; 10, orthestra. WGHP Detroit, Mich. (270.1m-11)0ke) 6 p. m. dioner concert, Hotel Tuller; 8:81:30, light opera company; WGD 10, bittle symptoms—9:10ke 8:30-10;30 WEAF; WGY Schnectady, N. Y. (379.5m-790ke) 7:30 p. m. WEAF; 8, program; 9, WEAF; 9:30, WEAF; 10, music; 10:30, WEAF

WHK Clevoland, Ohio (272,6m-1100kc) 7 p. m. orchestra: 8, studio concert; 9, quartet; 10, Whost; 10:15.

WHN New York, N. Y. (261,2m-330kc) 7:30 p. m. Loew's Lexington thearter organ recital; 9:10. Loew's 2th Ave. Theater concert; 10, songer; 10:30. Studies and the concert of musicale. WMAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. ra. musicale; 8, WHAM program; 9, musicale; 10,

FARMER'S PROGRAM INDEX

Monday
Mountain
8:30 Special Farm Features Eastern Sentral Mountain Pacific 10:30 m.m. Sind Mountain 10:30 m.m. Sind Mountain 7:30 m.m. Sind Mountain 10:30 m.m. Sin White (24:53m:07/08/1), Floring Faints | 10:13 | 10:13 | 10:13 | 10:13 | 10:13 | 10:13 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 | 10:15 KMA (461.3m-650kc), Karm talk, agricultural WCO (464.m-720kc), Farm talk, feed chappers. WEAO (293.9m-1020kc), Timely economic information for the farmers. 11135 10-35 (SAG) (340.7m-238kc), Feb. 21, hog market: Feb. 28, pp parasites. 1140 1140 (422.3m-710kc), IX. Radio Farm school. WO (422.3m-710kc), Questions and answers on hopticultural. WSB (428.3m-700kc), Georgia State College

WSB (428,3m-700kc), Georgia State College larm currys. 3-30
WLW (422,3m-710ke), Weekly letter to Dad 6:20
WLW (422,3m-710ke), Weekly letter to Dad 3:20
WDBO (293,9m-1250kc), Farm flashes. 3:20
WDBO (293,9m-1250kc), Farm flashes. 3:40
WGBP (29m-1100), W 540m school.
WLS (344,6m-870kc), U.S. farm school.
WLS (344,6m-870kc), Feb. 17, view of Kan. 887, 794, 294, marketing; live-stook industry. 887, 794, 294, marketing; live-stook industry. WSM (282,8m-1090kc), Foultry method.
WSM (282,8m-1090kc), Foultry method.
WSM (283,8m-1090kc), Foultry method.
WKAR (285,6m-1090kc), Foultry method.
WKAR (285,6m-1090kc), Foultry method. mg. 7:45 £:45 5:45 4:45 WKAR (285.6m-1050kc), farm power.

wos (440.9m-680kc), U. S. Radio Farm school, WRVA (256m-1170kc), Farmers' chat, Dibble,

WOI (279.1m-111)xc) norticuture.

KFNP (463.0m-650kc), Poulty talk.

9:30 (492.7m-650kc), Farm talk.

9:30 (379.0m-650kc), Farm program.

WFAA (475.0m-650kc), Farm program.

WFAA (475.0m-650kc), Farm program.

0 (30 (280.2m-1000kc), farm sheep in western Orreson. Oregon, 10:45 9:45 8:45 7:45 KOAC (280,2m-1070kc), Poultry feeding.

10.48
KOAC (280.2m-1070kc), Poultry feeding.
KOAC (280.2m-1070kc), soil management.

Tuesday

Eastern Central Mountains Pacific
11.50
Farm 10.20
Farm 10.2

soils. WTAW (270.1m-1110kc), Important agricultural WTAW (270.1m-110kc), Important agricultural news, 22:30 (1:59 III.)

KMA (461.3m-650kc), Agricultural aid, 10:35 KSAC (340.7m-880kc), Feb. 15, 361], 135 III.35 III.35 III.36 III

WCCO (416,4m-720kc), Ulass cion.
WSB (428,3m-700kc), Georgia State College
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Enstern Central Mountain Pacific 1135 p. m. 12:35 KSAC (340,7m=80kc), Feb. 16, incubation; Feb. 21, 141 inge. 250. 1340. 11:40 10:40
WLW (422.3m-710kc), U. S. Nadio Farin school, 1145 WO 1(270.1m-110kc), Poultry husbandry 1
WSB (428.3m-700kc), Georgia State college farm course, 5:40 4:40 3:40 Weight (1995 m. 5.145) with the property of th 12 m. 11 10 9 KGO (361,2m-830kc), U. S. farm program.

Eastern Central Mountain 10:30 a.m, 9:30 8:30 7:30 7:30 WFI (394,5m-760kc), Farm feature. 12:30 p. m. 11:30 10:30 8:30 KYOO (374,8m-800kc), Oklahoma A. & M. course. course.

VLCO (416.4m-720ke), Farm hour.
WHB (365.6m-820ke), U. S. farm flashes.
12:10 11:10 10:10
WMAQ (447.5m-670ke), Prairie Farmer farm WMAO (447,5m-670kc). Prairie Farmer farm talks.
12:13
WHO (526m-570kc). Radlo Farm school. 10:13
WHO (526m-570kc). Radlo Farm school. 10:13
WAS (2023-9n-1020kc). Farm talk.
WAS (2023-9n-1020kc). Farm talk.
WAS (2023-9n-1020kc). Farm talk.
WAS (2023-9n-1020kc). Agricultural aid.
SSAC (340,770-880kc). Fall 25, potantic school treatment; Feb. 24, rhubarb cultural aid.
WAS (223-9n-700kc). Georgia State college.
WAS (223-9n-700kc). Georgia State college.
WAS (223-9n-700kc). Georgia State college.
WLW (422-3n-700kc). Georgia State college.
WDBO (239-9n-1220kc). Primer for town 157-290. WDB9 (229,57m-1220kc), Frimer for fown har-field 4.60 WGHP (270m-1110kc), U. S. Farm school, 4.65 WGHP (270m-1110kc), U. S. Farm school, 4.65 WGHP (2285,6m-61350kc), animal husbandry, 4.65 WKAR (2285,6m-6150kc), britishire, 4.45 KSO (405,2m-740kc) U. S. Farm school, 5 KOIL (305,9m-980kc), U. S. Government crop

KÖLL (395.9m.-980ke), U. S. Government erop survey.

WAMD (293.8m.-1230ke), U. S. Farm school.

WC (493.6m.-300ke), pourtry talk.

WCCO (416.4m.-720ke), Farm Geoture.

WOS (440.9m.-680ke), Farm copes.

WOS (440.9m.-680ke), Sam copes.

WOS (440.9m.-680ke), Sam copes.

WOS (440.9m.-680ke), Sam copes.

WOS (440.9m.-680ke), Farm developed.

KYW (535.4m.-560ke), American Farnd bureau.

KYO (53.4m.-560ke), Farnd pure decertive line, water power.

9130 8 530 7130 630ke

EXAM. 2010-0, Farm question box.

Friday

Fasters Central Mountain Pacific 10:30 p.m. 9:30 8:30 7:30 WF1 (394-5m-760ke). Farm feature. 8:50 FXFF (43.3m-560ke). Forbity rails. 10:50 FXFF (43.3m-560ke). Poorliny rails. 10:50 FXFF (43.3m-560ke). U. S. farm flashes. WITH (565.6m-820ke). U. S. farm flashes. WITH (565.6m-820ke). E. E. D. dimerbel programs. WEAO (293.9m-1020ke), Farm flash, dairying 1:10 12:10 11:10 10:10 WMAQ (447.5m-670kc), Prairie Farmer farm talks. 1318 22:13 11:13 10:15 22:13 11:13 10:15 22:13 11:13 10:15 22:13 11:15 10:15 22:15 2 XS.142 (240,741338; p.1135; p.1135; gopher and groumbing; P.00 a.55, farm drainage, prairie dog cradication. 255, farm drainage, prairie dog cradication. 255, farm drainage, prairie dog cradication. 113:40

WI.00 (422.3m-1100. U. S. Radio Farm school. 114:45

WI.01 (270m-1110kc), Sill 114:45

WYAW (270.1m-1110kc), Farm topics. 114:45

WSB (428.3m-700kc), Georgia State college farm course. 114:40

WGB (428.3m-700kc), Georgia State college farm course. 114:40

WGB (428.3m-1100kc), U. S. Farm school. 34:40

WGB (270m-1110kc), U. S. Farm school. 34:40

WGB (239.9m-120kc), Agricultural economist. WTIC (475.5m-630kc), Farm course, Agricultural college. 114:40

WTIC (475.5m-630kc), Farm course, Agricultural college. 114:40 college, 2.10 - 2.50 C. 1.50 C

State department pro-8. ACML (205.9m-980kc), U. S. Radjo Farm school. WAMD (343.8m-1230kc), V. S. Farm school. WOS (440.9m-620kc), Radjo Farm school. WOS (440.9m-620kc), Radjo Farm school. WOS (440.9m-620kc), Radjo Farm school. Taltural resources of Jense and State (1988), Peb. 17. 18190, Peb. 25. economic geology. 81390, 7:30 WCC (416.4m-780kc), Farm lecture. WCC (443.5m-620kc), Question box. 9 8 7 KOA (322.4m-930kc), Aggie Kickoffs.

WRVA Richmond, Va. (256.3m-1170kc) 8 p. m. Head-Wisers. Wisers. Ohio (325.8m-920kc) 7:15 p. m. chimes; 7:30. WEAF; 8. program; 8:30, WEAF; 9. WEAF; 10:30. studio; 11, dance orchestra. WSKC Bay City, Mich. (260.7m-1150kc) 9-11 p. m. WSMB New Orleans, La. (319m-940kt) 8:30 p. m. classics WTAG Worcester, Mass. (545.1m-550ke) 7 p. m. Powers Coal Miners; 7:30, program; 8, Bancroft hotel orchestra; 9, program; 10, WEAF; 10:30. hotel orenesita; 2, program; orchestra.
WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. Collegiau serenaders; 7:15, talks; 7:30, WEAF; 8, studio recital; 8:30, WEAF; 9, program; 11, orches-

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

Central Time Stations

CKY Winnipeg, Can. (384.4m.-780kc) 9-10 p. m. Prof. KF AB Lincoll. (480 missing prof. 180 missing prof. 180 missing prof. (480 missing prof. 180 missing prof. 180 missing prof. (480 missing prof. 180 missing prof. 180 missing prof. (480 missing prof. 180 missing prof. 180 missing prof. (480 missing prof. 180 missing prof. 180 missing prof. (480 missing prof

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WHAD LOUISVING. (368.6m-820kc) 7-8 p. m. WHB Canasa City, Mo. (368.6m-820kc) 7-8 p. m. program; 10.30-11.30, midweck musicale. WHO Des Moines, fowa (526m-570kc) 6-7 p. m. Little symphony; 7-8, orchestra; 8-9, guitars; 9-11. muartet.

WHO Des Moines, Iowa (325m-570kc) 6-7 p. m. Little symphony; 7-8, orchestra; 8-9, guitars; 9-11. WHT Chicago, III. (399.8m-750kc) 6 p. m. Al Carney; 7-48 (238m-1500kc) orchestra; 8-19, guitars; 9-11. Al and Fate (199.8m-1500kc) orchestra. Stuart Dawson; 9-30 willow orchestra; 11. Al and Fate (199.8m-1500kc) orchestra; 11. Al and Fate (199.8m-1500kc) orchestra; 11. Bediems story; 7-30, organ; 7. dango orchestra; 7-19. bediems story; 7-30, organ; 7. dango orchestra; 11. Glorum-180kc) 8-9 p. m. child artists; 11-12. Falmer House Victorians. WLAG Nasbville, Tenn. (222.4m-1330kc) 8-9 p. m. child artists; 11-12. Falmer House Victorians. WLAG Nasbville, Tenn. (222.4m-1330kc) 7-9 p. m. Supperbell; 6-10. March 199.8m-199.8

y, music.

WMBB Chicago, III. (249.9m-1200kc) 7-7:30 p. m.

Trianon duo; 7:30-8:30, minstrels; 8:30-11, orchestra, artists.

Air Line Radio Map, Log and Directory

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WOAI San Antonio, Texas (394.8m-760kc) 8:30-9:30 KGO Oakland, Calif. (381.2m-830kc) 6-6:55 p. m. Delaware Punch program.

Stanislas Bem's Little symphony: 8, farm program; WOAI San Antonio, read journal of the program, Do, m. Delaware Funch program, WOC, Davenport, Iowa (483.6m-620kc) 6:30-7:30 p. m. musicale; 9-30, WDEF, 9-30-10:30, musicale. WOK Chicago, Ill. (410.7m-730kc) 6-7:30 p. m. ensemble; 11-1, dance program, WOQ Kansas Cily, Mo. (278m-1030kc) 6:15 p. m. WOQ Kanasa City, Mo. (279m-1080/sc) 6:15 p. m. orrhestra. Green properties of the control of the

program.

Mountain Time Stations

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

Francisco Calif. (399.8m-780ke) 8-10 p. m. Francisco Calif. (399.8m-780ke) 8-10 p. m. Francisco Calif. (497m-642kc) 7 p. m. Virginia baliformo orchestra; 7:30, Nick Harris; 8-9, etalure program; 10-11, dance music. State progr

Stanislas Bem's Little symphony: 8, farm program; 9, trio.

G. Portland, Ore, (491.5m.610kc) 8-9 p. m. concert: V-10, entertainment.

KHJ Los Angeles, Callt. (405.2m.740kc) 6:30.7:30 missic, music, music,

SJR Seattle. Wash. (384.4m-780kc) 10 p. m. dance music.

KLX Oakland. Callf. (593.2m-590kc) 6:30-7 p. m. Alleric club crockersiz; 9:10, program; and consideration of the conside

KWSC Patinan, Wash. (348-6m-860kc) 7:30 p. m. KWSC Patinan, Wash. (348-6m-860kc) 7:30 p. m. cencert, talks. KYA San Francisco. Calif. (389-8m-750kc) 3:10 p. m. feature program; 10-11. dance music.

THURSDAY, FEBRUARY 17

| Headliners | Central | Mountain | Pacific | 7:30 p. m. | Central | Mountain | Pacific | 7:30 p. m. | Central | Mountain | Pacific | 7:30 p. m. | Central | Mountain | Pacific | 7:30 p. m. | Central | Mountain | Pacific | Factor | Central | Centr WBAL (245.8m-1220kc) Marguret E. Keru, so-prano. 7.115
WEVA (256m-1170ks) three hear program. 5.25
WBCA (340.7m-850kc) Brooklyn Wanderers. 8.39
WBCA (340.7m-850kc) Brooklyn Wanderers. 8.39
WBCA (340.7m-850kc) Brooklyn Wanderers. 8.39
WBCA (340.7m-850kc) Entrercup Twins. WBCA (340.8m-750kc) Buttercup Twins. WBAS (350.8m-750kc) Buttercup Twins. WBAS (350.8m-750kc) WBCA (350.8m-750kc)

| St. | St.

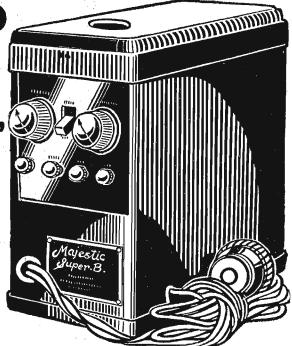
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Nationality or Color____

MULTIVIDER CO. ANS AS CITY, MO.

9:30 8:30 7:30 6:30 KOIL (305.9m-980kc) Mosher Memorial chapel choir. WFAA (475.9m-630kc) Frank Renard musical WFAA (475.9m-630ke) Frank Renard musical club.
Club. (252m-100ke) Sally West and her crew. WIAD (252m-100ke) Sally West and her crew. WIAD (252m-100ke) Sally West and her crew. WIAD (2545m-760ke) Sally West and her crew. Wolat (344.5m-760ke) Except from "Elijah" (361.5m-760ke) Except from "Elijah" (361.5m-360ke) "Coukie," the California songlirid. WIA (361.5m-360ke) WJZ orchestra. soloist. WIAD (255.1m-360ke) WJZ orchestra. soloist. WIAD (275.1m-1600ke) Hawaiian hour, Bob Schweisthab, buritone. Workersta, buritone. Workersta, Marian (362.5m-160ke) Johnny Johnson's Twin Oaks WIAD (252.5m-1518ke) Hernice Winson, Vera WZZ (1853-m-660kc) Johnny Julinson's Twin Oaks orchestra, WLAC (225-m-130kc) Bernice Vinson, Vern Thornberry, planists.

8135 735
WOR (495.2m-740kc) "Mr. & Mrs. Newlywed," Phit and Anno Brac.
Find and Anno Brac.
KGO (361.2m-830kc) light opera hits. "Wizard of the Nile." Wold Hooft. "Wixard of the Nile." Wold Hooft. "Wixard of the Nile." Wold Hooft. "Wixard of the Nile." Word Hooft. "Wixard of the Nile." Word Augustana College Oriole Child.

10:10 9:10 8:10 KTHS (374.6m-800kc) First Presbyterian Church choir. CNRC (434.8m-1690kc) Musical tour of the

Regular Thursday Features

Eastern Time Stations

CFCA Toronchon (S889m-840kc) 81:50 n.m.
nusical Toronchon Chair (S889m-840kc) 81:15 n.m.
RDKA Pittsburgh, Pa. (309 1m-870kc) 6 n.m. RXLLLLL (100 n.m. 100 n.m. 1

program.

WAAL Bailtimore. Md. (246m-1220kc) 6:30-7:30 p. m.
dinner orchestra; 7:30-8. organ recital; 8-9. musical
program, instrumental and vocal sceletions; 9:10,
ensemble; 10-11, staff concert; 11-12, dance wellestra. WBBR New York, N. Y. (416.4m-720kc) 7:30 p. m.

WBBR New York, N. Y. (416.4m-720kc) 7:30 p. m. prugram.

WBZ Springfuld, Mass. (331.1m-1900kc) 6:30, orchestra. WBZ Springfuld, Mass. (331.1m-1900kc) 6:30, orchestra. WCAE Pittsburgh, Pa. Gregoria (10:30, orchestra: 7:45, 1:1ks; 8:30, musicale; 9:11, WEAF; 11, dance misicale; 8:30, musicale; 9:11, WEAF; 11, dance misicale; 8:30, musicale; 9:11, WEAF; 11, Orchestration (10:30, Parodians) 4:30, Musical Exceptions; 10:30, parodians; 4:30, Parodians;

WEAU COMMONS, OHR (2505-ms-1920kc) 513 p. m., the dill lorse, Mass. (3486-1860kc) 6:10 p. m. Palais Royal orchestra (7.50, Boston Globe broadcast) S. musicaict 9:11, WFAF 9:11,

Hotel Latayette (110; 5:50, music cau); >, musicate, 10, dance (10, dance); >, musicate, 20, dinner concert; S, popular program; 10, dance concert; S, popular program; 10, da

WMBIF Minmi oceans dinger concert; S. popular program; 10. Game dinger concert; S. popular program; 10. Game dinger concert; S. popular program; 10. Game dinger concept and proceedings of S. popular program; 11. Ernic Golden and bits Motel McAlpin orchestra; 11. Brackway Nite.
WHYC New York, N. Y. (525m-570kc) 6-40 p. m. donce orchestra.
WOO Philadelphia, P. (505m-590kc) 7-130 p. m. donce orchestra.
WON Newark, N. J. (405.2m-740kc) 6-15 p. m. Jacques Jacobs Botel Shelton eigenblik; 16-45, Bill March 1998 (1998) 11. Orchestra; 11.35, orchestra.

11.35. orthestra 1.35, entertainers; 11. orthestra MPC Atlantic City, N. J. (298.mn-1000kc) 7:10 n. m ornan recital, Arthur Brook; 7:25, Hotel Morbd dimer music; 8, world wonder securisions; 8:15 studio concert; 9:45, program: 10, movie broadcast chib dange orthestral. 11:30, Silver Slipper Supperchib dange orthestral.

10:20, organ recitat; 11:20, 51:00 10:00 1

Cleveland, Ohto (389.4m-770kc) 6 p. m. Hol-o hotel orchestra: 7:30, studio program: 9, F: 10, studio program: 11, Collegian senmiders.
WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hotel Heublein trio; 7. midweek religions sing; 7:30. staff artists; 8. Outlet Owlets; 8:30. Capitol theater

Henblein trio; , , unexpected a state of the CKY Winnipes, Can. (384.4m-780kc) 8:30-9 p. m. studio program; 9-10, J. A. Banfield company's concert, control of the control of t

Ceri KLDS Independence, Mo. (440.5m-680kc) 8 p. m. studio program. KOIL Councell Bluffs, Ia. (305.5m-980kc) 6 p. m. program; 7, farm program; 7, 30, oil burner; 8, music hour; 11, orchestra.

KPRC Houston, Texas (299.8m-1000kc) 8 p. m. even-big program; 8:30, glee club; 11, entertainment, KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. cou-

KSU Clarinda, Iowa (405.2m-740kc) 6:39 p. m. cou-KTHS thet Springs National Park, Ark (374.8m-800kc) 9:10:10 p. m. program; 10:10, dance program. KVOO Brickow, Okla. (374.8m-800kc) 7:7:30 p. m. Hawaiian music; 7:30-8, Irene Buchner; 8-9, music KVO Chickow, Okla. (374.8m-800kc) 7:30-8, m. Joska Debaldary and his orchestra; 7:00 p. m. Joska Debaldary and his orchestra; 7:00 p. m. Joska Debaldary and his orchestra; 7:00 p. m. Joska WAMD Minnespolls, Minn. (243.8m-1230kc) 7:30 p. m. WAMD Minnespolls, Minn. (243.8m-1230kc) 7:30-9, m. WAMD Minnespolls, Minn. (243.8m-1230kc) 7:30-9, m. saxophone octet; 9:30-11, program; 11-12, 07gau.

p. n. saxophone octet; y.w. 1, p. n. Coongram WBBM Chicago, III. (226m.130ke) 8 p. m. Coonsonders Night, Hawks; 9-11, orchestra, piano; 11, WCBD Zion, III. (344.5m.570kc) 8 p. m. musicale. WCBD Zion, III. (344.5m.570kc) 8 p. m. musicale. WCCO Mineacolis. St. Paul, Minn. (486.4m.720kc) 8 p. m. WEAF; 10.05, talk; 10.30, musicale. WCFL Chicago, III. (481.5m.610kc) 6 p. m. talks; 7. St. Coolean, III. (481.5m.610kc) 6 p. m. talks; 7. Diayers.

WHAD Milwaukee, Wis. (275.1m-1090kc) 6:15 p. m. orrhestra and vocal selections. Wisconsin hotel orchestra: 8:30, studio program; 9:30, Hawaiian 10, orientestra. WHAS authoritiestra. WHAS cuttiestra. WHAS cuttiestra. WHAS cuttiestra.

| Louis: 10. orchestra. | Loui

WORD Chicago, III. (275.1m-1090lec) 7 p. m. Webster Hotel dine ochesirus 7 p. 200 p. m. Vebster WOW Granhs, Nehr, 1520m-170kc) 6 p. m. Vag-abonds; 9, classical program; 10, Roseland Gardens, WQJ Chicago, III. (447.5m-470kc) 7-8 p. m. Rainbo Cardens orbeistra; specialty; 10-2 a. m. Rainbo Gardens örebestra; specialty; 10-2 a. n. Kantho WRR Chilles Tox. (248, 58n-12200c) b. p. m. music; 8, band; 9, Bible Class; 11-12, (dat-time music; 8, band; 9, Bible Class; 11-12, (dat-time music; WSB Addant, Ga. (228, 33n-700kc) 8 p. m. cencert; 10-16, Charles A. Sheldon Jr., organist, 10-16, Charles A. Sheldon Jr., organ

community band, "Robins aniset, 3, trings, 930, community band, The Stations RFI Los Ansedes Calif. (487m-480ke) 7.8 p. m. pre-gram by students of U. S. C., 590, KRI drama hour; 9-10, varied hour; 10-11, Johnston and Farrell's KFWB Hollmand, Calif. (282m-1380ke) 6-7 p. m. Pontiac dinner hour; 7:50, news; 5-9, iestures; 9-10, pregram; 19-11, Warner Brothers frolo; 5-7 p. m. Pontiac dinner hour; 7:50, news; 5-9, program; 9-10, stations of the S Berwoort trio; \$-12, classical music. Superior players.

WDAF Kansas City, Mo. (265.5m-820kc) 6-7 p. m. WAAO Chiscon, III. (467.5m.570kc) 11. (267.5m.570kc) 11. (267



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ords; S. program; 9-10, features; II, Hotel Amhassandor, KPO San Francisco, Calif. (428.3m-700kc) 6-30-7 g. m. States Restaurant ordessrar; 7-7-20, Rudy program; 9-10, Intisc; 10-11, music; 11-12, frolk. KPSN Pasadena, Calif. (315.8m-950kc) 8-9:15 p. m. musical program.

Thursday, silent night for: CFCA, KFAB, KFDM, KFB, KFCW, KFYO, KLX, KMA, KMOX, KOA, KGB, KFOW, KYMO, WOO, WAD, WEAO, WEA

FRIDAY, FEBRUARY 18 **Headliners**

Eastern Central Mountain Pacific 4:10 p.m. 3:16 2:10 11:10 WEAO (293.9m-1020ke) Harold Walker, pauist; Sarah Walker, soprano; Walter Furness, hari-tone.

Saran Walker, Soprand; Walter Luthess, aartiques,
WIZ (454,2m-660kc) Children's Phiharmonic talk.
WIZ (454,2m-660kc) Children's Phiharmonic talk.
WIAAQ (447,5m-670kc) Vesper chimes, U. of C.
WIA (454,2m-660kc) Hotel Commodore concert or chestra.
7:30
WIA (322,4m-190kc) Juvenile artists orchestra.
WIZ (454,2m-660kc) Markel's society orchestra.
WIZ (454,2m-660kc) Markel's society orchestra.
WIA (322,4m-190kc) Markel's society orchestra.
WIA (323,4m-190kc) Walkel's society orchestra.
WIA (323,2m-160kc) Period vollege founder's day.

day, 8:10 7:10 6:10 5:10 WRVA (256m-1170ke) "An Evening of College Life. (450m-170kc) An Evening of Conege WGY (379.5m-750kc) song shop, WGY (379.5m-750kc) "Revelation," WGY players. WJZ (454.2m-659kc) Royal her, WBZ, KDKA, KYW.

WIZ (454.2m-650ke) Royal her, WBZ, KDRA, KYW.

KYW.

COMPT (434.5m-1500ke) Philharmonic quintet.

COLL (505.9m-650ke) Philharmonic quintet.

Billie and Helen.

PWX (393.9m-750ke) Directors banquet, American Chamber of Commerce.

WAL (263.5m-1250ke) Lonievillea and Jefferson county Children's home program.

WIZ (545.2m-650ke) Victor hour of music. WBZ.

KHU (356m-570ke) Rollius program.

WIZ (545.2m-650ke) Philharmonic male quartet.

9.5 m. KYW. WIRAS. WSB, WMC.

WIN (301.3m-850ke) Al Piantadosi, song writer.

WIN (301.3m-850ke) Clarar Frenkel. club WHAD. (275m-1080ke) Classical program, Mar-queste university. 8 WBAL (245.8m-1220kc) "An hour with Great Love Sance"

NEMC (315.6m-950kc) Niles community program.
WEMC (315.6m-950kc) Utica Jubilee singers.
10:15 8:15 8:15 8:15 ROA (322.4m-930kc) Signia Alpha Iota chorus, musical sorotity; Highland ditties. Dorothy

Kmox. 9.30 9.30 8.30 7.30 William ditties. Dorothy William 9.30 8.30 7.30 William 9.30 (475.9m-640ke) concert. Fine Arts De-WCCO (416.4m-720ks) La Sebana program, Justicite Boys. William 9.30 William

Eastern Central Mountain 8:000
CNRV (291.1m-2030kc) Rutley trio,
KGO (361.2m-839kc) Gino Severi, violinist; International Four, male quartet.
WMCA (340.7m-830kc) Duke Yellman's Parody elub our-heistra, und 18.000 page 18.0 11:10 10:10 9:10 8:10 KTHS (374.8m-800kc) The Harmony Four male

Regular Friday Features

Eastern Time Stations

KDKA Pittsburgh, Pa. (309.1m-870kc) 6 p. m. string
ensemble: 8-10. WJZ, 11. dance program.

WABC New York, N. Y. (315.6m-850kc) 7:30-1 a. m. WABC New York, N. Y. (315,6m-850kc) 7:30-1 a. m. program, dimer. oxchestra: 7:30-8, suarret; 8-3, rich John Wilburn, tence; 9-30, Pite Sisters, musical sketch; 9:30-10, string quarret; 10-11, novelty program; 11-12, Dance orchestra. 900kc; 6-115 p. m. WBZ Springfield, Mass. (333,1m-800kc) 6-115 p. m. WBZ Springfield, Mass. (333,1m-800kc) 6-115 p. m. WBZ New York, N. Y. (416,4m-721), m. Watchtower concert trio; 8:20, Fred Twaroschk, tenor.

tenor.

WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dinner music; 8. Sunday school lesson; 8:30, Burt McMurtrie's hour; 9:30 WEAF; 10, WEAF; 10:30, or-

tric's hour, 9:50 WEAF; 10, WEAF, 10:30, orchestras,
WCAU Philadelphia, Pa. (277.6m-1680kc) JD. p. m.
Soulienburg recturd; 8: orchestras, 3:30, Karnival;
Soulienburg recturd; 8: orchestras, 3:30, Karnival;
Soulienburg recturd; 8: orchestras, 3:30, Karnival;
WCX Detrot, Mich. (9:56.9m-580kc) - 7 p. m. dinner concert, Guidelette ensembler; 8:30, situdio promoved of the concept of the concept of the consensus of the concept of the consensus of the concept of the c

WCAE WORK WORK, WEEL WTAG.

WCAE WORK WORK WORK WEEL WTAG.

H130, orchestra. WCI 1030, orchestra. WCI 1130, orchestra.

WEEL Boston, Mass. (348.5m.860kc) 7:30 p. m. Whiting Milk Company: 8. musicale, 9, juniet; 9:30
WFI Philadelphia, Pa. (394.5m.760kc) 6:45 p. m. Adelphia dance orchestra.

WGBS New York, N. Y. (315.6m.950kc) 6:45 p. m. dinner music: 7:45, band; 8:45, studio musicale; 10, WCHE Harrens Nord ordered with the companion of the work of the concert. Flored Tuiler; 10-11, WGBP entertaines; 11-12, dance proston.

WGBP Chartens Nord ordered with the concert. Flored Tuiler; 10-11, WGBP entertaines; 11-12, dance proston.

WGBP Chartens Nord ordered with the concert. Flored Tuiler; 10-11, WGBP entertaines; 11-12, dance proston.

WGBP 11-12, dance proston.

WGBP 11-12, under proston.

WGBP 11-12, survey.

ning program; y:30-10-30, missic wGY Schenectady, N. Y. (379.5m-790kc) 7:30 p. m. band; 8:30, drama; 10-10:30, WEAF; 10:30-11:30,

WGV Schensetady, N. Y. (375.5m-780kc) 7-30 p. m. band; 8:30, drama; 10-10-30, WEAF; 10:30-11:30, WEAF; WEAF;

WMAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. m. weather; 7:30, musicale; 8:30-10:30, musicale. WMBF Miami Beach, Fla (384.4m-780kc) 7 p. m. dinner concert; 8, popular program; 10, dance dinner concert; 8, popular program; 10, same WMCA New York, N, Y. (404, Im-880cc) 6:30 p. m. Eruie Golden and his Hotel McAlpin orchestra: 7, chat; 7:15, orchestra: 9, entertainers; 12, McAlpin entertainers. (20, McC) New York, N, Y. (526m-570kc) 6:30 p. m. plano WYC, New York, N, Y. (526m-570kc) 6:30 p. m. plano WNYC New York, N. Y. (328m-570kc) 6:30 p. m. plano solections.

WOD Philadelphia Pa. (508.2m-580kc) 7:30 p. m. plano solections.

Wolf Philadelphia done orderess; 1030, and construction of the properties of the quartet; 7:30, orchestra; 8:15, N. Y. University; 8:30, organ; 11, orchestra; 8:15, N. Y. University; 8:30, organ; 11, orchestra; 8:15, N. Y. University; 8:30, organ; 11, orchestra; 8:20, D. T. Organ; 8:30, W. T. Organ; 8:

WYAY Actions of the control of the c

8. program: 10, Emil Reimberger's Hotel Bond orchestra. WWJ Detroit, Mich. (352.7m-220kc) 6 p. m. dinner concert; 8, Michigan Hie; 9, WeAF; 9:30, WEAF; 10, WEAF.

Central Time Stations
KFAB Lincoin, Nebr. (340.7m-830kc) 8:30-10:30 p. m. entertainment. KFDM Beaumont. Texas (315.6m-950kc) band. KMA Shenandoah, Iowa (461.3m-650kc) 9-11 p. m. Jingquerger.

KMA Shenandoah, 10wa (1911.3111-1920).

KMOX St. Louis, Mo. (280.2m-1970kc) 6:30 p. m. olioner program; S. program; 12-4, dance music.

KOL conneil Bluffs, Iowa (605.3m-190kc) 7:30 p. m. olioner program; S. program; 12-1, dance music.

Li folic; 12, Lubricators. Dreuher trothers; Inc.; 11, folic; 12, Lubricators.

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



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GRIGSBY - GRUNOW - HINDS - CO. 4576 ARMITAGE AVE. CHICAGO-ILL.

tra program, Nash-Finch orchestra; 9, WEAF; 9:30, program; 10:05, dance program, Naskin Cate orprogram; 10-103, dance program, rannon can consensus, well-chaired, Ill. (491.5m-610kc) 7 p. m. Brevoort concert trio; 8, melting par; 12, Rendez-vous cafe, WCOA Pensucolo, Fla. (252m-1190kc) 8 p. m. mu-

WEMC Bornes Springs, Mich. (315.6m-950kc) 9 p. m. musicale musicale musicale musicale musicale musicale musicale modern musicale modern musicale modern musicale modern mo

WHAS Louisville, K.y. (398,8m-750ke) 7:30-7 p. m. WHB Kaissas City, Mo. (385,6m-820ke) 7:8 p. m. Sweeney orchestra; Sungsters.
WHO Des Monies, Ia, (256m-570ke) 7:30-8 p. m. Sweeney orchestra; Sungsters.
WHO Charles S. (1997) 11:03-4 dance program. P. (1997) 12:03-12:04-12:05-

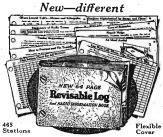
WJJD Mooseheart, Ill. (370.2m-810kc) 8-9 p. m. child arrists; II-1 a. m. Palmer House Victorians; Jack

WIJD Mooscheart, Ill. (370.2m-s10ke) 8-9 p. m. child aritists; 11-13 a. n. Palmer House Victorians; Jack Nelson, Will Children, Ill. (302.8m-990kc) 7-8 p. m. din-Mills Children, Ill. (302.8m-990kc) 7-8 p. m. din-Mills Children, Ill. (302.8m-990kc) 7-8 p. m. din-Mills Children, Ill. (302.8m-990kc) 1-8, 110; 10-15-12:30, Show Boat, WMAQ Children, Ill. (407.8m-8700kc) p. m. chimes; 12:30, Show Boat, Ill. (307.8m-8700kc) p. m. chimes; 12:30, Show Boat, Ill. (307.8m-8700kc) p. m. chimes; 10:40 house somes; 18:30-11, Irolic, WMB BC Children, Ill. (304.9m-1200kc) 7-30 p. m. sym-Wolferger, 350, Cooper, Cord one Laimers; 11, frolic, WMC Memphis, Tenn. (496.7m-690kc) 7:30 p. m. sym-Wolferger, 350, Cooper, Cord one Laimers; 11, frolic, WMC Children, Ill. (304.8m-260kc) 7:30-83.0 p. m. Ainorman, bleloty Mirers; 8:30-9, WEAF; 9-9:30, WOK Children, Ill. (404.9m-130kc) 7-p. m. North Shore Ilme, 7:45, World News digest; 9, station WORD Chicago, Ill. (434.9m-130kc) 7-p. m. North Shore Ilme, 7:45, World News digest; 9, station WORS Children, Clift, Mol. (440.9m-890kc) 7:15 p. m.

WORD Chicago, 11.
Shore line: 7.45, World News digest; 9, station Shore line: 7.45, World News digest; 9, station WOS Lefferson City, Mo. (446.9m.=890kc) 7:15 p. gn. Radio Bible class, talks: 8:20 musiscale. WOW Omaha, Nebr. (526m.=70fcc) 6:55 p. m. talks: 9, classical 10. urgan. WG. Chicago, Ill. (447.5m.=670kc) 7:8 p. m. Ralnho Folic. WR Bullas, Tex. (243.5m.=120kc) 6 p. m. program: 8, band.

WRS Altania, Tex. (243.5m-12200c) o p. m. program; WSS Altania Ca. (223.5m-700kc) 8 p. m. concert; 1]0-45, concert. WS ALTANIA Ca. (223.5m-700kc) 8 p. m. concert; 1]0-45, concert. WSOC Chicagon; 9-10-200kc) 7 p. m. popular program; 8. Library review; 3:15, Whozit. Mountain Time Stations KOA Description, 12 p. m. concerting the program of the program

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Pacific Time Stations

KFI Los Angeles, Calif. (467m.642kc) 7-8 p. m. popular program: 3-9, program: 3-0 9-0 semi-classical hour:
KFWI. Fackard ballad hour.
KFWI. Fackard ballad hour.
KFWI. 100 p. m. popular programs of the program of the programs of the

KFWB Hollywood, valit, testal-reliable of 6:05 p. m. program, and Calif. (als. 2n-430kg) 6-6:05 p. m. KOM Program Calif. (als. 2n-450kg) 6-6:05 p. m. dinner class Ben'i S. Little Symblony 5-9-6:07 p. m. dinner concert; 3-8:20, KGW movie club; 8:30-10:30, dance muser, 10:30-12, froig. Elost Owls. 20:00-10:30, dance muser, 10:30-12, froig. Elost Owls. 20:00-10:30, dance children's bour; 3-10, feature program, children's bour; 3-10, feature program, LX, Oakland, Calif. (508,2m.-590kc) 8-9;30 p. m. special program; 9:30-10:30, Atlens Athletic club orchestra.

ACA Usakiand, Calif. (308.2m.+500kc) 8.9:30 p. m. specifier of the program is 3:30-10.30. Athems Athletic club or chief of the program is 3:30-10.30. Athems Athletic club or chief of the program is 3:30. Athletic club or chief of the program is 3:30. Athletic club or chief of the program is 3:30. Athletic club or chief of the program is 3:30. Athletic club or chief or c

Friday, silent night for: CFCA, CKAC, CKNC, KFDY, KFNF, KLDS, KPRC, KFSN, KUOA, KFD, WEBR, WKRCAD WCBD, WFI, WGA WFI, WKRCAD WLD, WLW, WLWL, WREO, WSAI, WSM, WSMB, WSUI, WTAM.

SATURDAY, FEBRUARY 19

Headliners

Easturn Central Mountain Pacific

CKNC (356.5m-840ke) Evereary String quintet.

WIR (516.5m-580ke) Elyevany String quintet.

WIR (516.5m-580ke) Elyevany Elyevany String quintet.

WIR (516.5m-580ke) Elyevany tralto. WOC (483.6m-620kc) Tony's Iowans.

TO SET

The shall be

HOLE 4' DEEP

BY 3' WIDE

Eastern Central Mountain Pacific (1972) (1974) (197 WBAP (475.9m-650Rc) Cryste and Sengale. WLAC (225.4m-1330kc) Theron Hale, old time WTIC (475.9m-630kc) Winifred Barnfield, con-| WTIC | (475.9m-630kc) | Winitred Darnnett, control | Sits | First |

Regular Saturday Features

CKAC Montreal, Que., Can. (4)0.777-200k; 7:15 p. m. dinner concert; 10:30, Red Jackets, CKCL Toronto, Can. (357m-440kc) 7:8 p. m. dinner Concert; Westinghouse haud; 7:15, Post Home chief; Westinghouse haud; 7:15, Post Home chief; concert; Westinghouse band; 7:18, Post Frome como; 8, WJZ. PWX Havana, Cuba (399.8m-750kc) 8:30 p. m. frolic,

WAAM Newark, N. J. (263m-1140kc), 7:15 p. m. children's program; 7:45, evening musicale, WABC New York, N. Y. (315.6m-950kc) 12 mid, dance 1, vaudeville, WBZ Springfield, Mass. (333.1m-900kc) 6 p. m. or-chestra; 7:30, musicale; 8:10, orchestra; 10:15, wBZ Springfield, Mass. (333.Im-900tc) 6 p. m. orchestra; 1230. nusicale; 8'10, or-chestra; 2015.

WCAE Pittsburgh, Pa. (461.3m-500tc) 6 p. m. dauce
orchestra; 8. WEAF; 9. WEAF; 10.00, orchestra.

WCX Detroit, Mich. (516.9m-500tc) 6 p. m. dauce
orchestra; 8. WEAF; 9. WEAF; 10.00, orchestra.

WCX Detroit, Mich. (516.9m-500tc) 6 p. m. dinner
plogram. Coldecte ensemble: 6.15, Steenex time.

WEAF New York, N. Y. (481.5m-610tc) 6 p. m. dinmer music; 7. Janussen's Hohrau orchestra; 7:30,
mer music; 7. Janussen's Hohrau orchestra; 7:30,
wCY, WCAE, 13, WEAF, 10, WEAF, WCAE,
WY, WCAE, 13, WEAF, 10, WEAF, WCAE,
WY, WCAE, WWY, WSAI, WTAM, WGN, WGV,
XSD, WCCO, WDAE; regulari 10, vocal selections,
WKG, WCAE, 10, 10, 10 dance music, WTAG, WGY,
WEEL Boston Mass. (486.5m-860tc) 7:55 p. m.
Boston Globe; 8, musicale; 9, WEAF; 10, Cruising

WR MELL MARCHARD, 2004. (2016.10) 2005. MUSIC Philadelphia, Pa. (394,5m-760kc) 6:45 p. m. Adelphia dance orchestra: 8:15. recital; 9. con-cert; 9:10.5 Startint Players; 10. quartet; 10:50. WGBS Naw York, N. Y. (315,6m-950kc) 7 p. m. WGBB Chewarder, Fia. (266m-1390kc) 7 p. m. WGBB Chewarder, Fia. (266m-1390kc) 7 p. m. music; 7:45, band; 9, band; 10, dance program. WGR Buffalo, N. Y. (317m-940kc) 9:10 p. m. WEAF, WGY Schenectady, N. Y. (379.5m-790kc) 6 p. m. dimmer program. (bandaga hatel; 7:30, Shee's Buffalo heur; 8, WEAF; 9, WEAF; 10, WEAF; 11, dance program.

WHK, Cleveland, Ohio (272.8m-1)00kc) 8 p. m. in-strumental hour; 9, orchestra; 10, Happy bours; 11-12, Whozit,

MP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. Benjamin Franklin concert orchestra: 7. Uccle Who's bettime stories: 8. sports corner, Dr. Francois D'Elacut, 8:15, reclui; 9:25, program: 19:50, dance orchestra from Wells; 11:05, organ

recital. Jacksonville, Pla. (355.9n-890kc) 8-9 p. m. classical program: 10-11. Ed and Mana McComell: 11-12. orchestra. WR Detroit, Mich. (S16.9m-890kc) 7 p. m. Rhytho Kingg, sololats; 7-30, studie program; 11:30, Merry WIZ Nav.

WJZ New York, N. Y. (454.3m-680kc) 7 p. m. theater orchestra; 8, to be amounced; 10:30-11:30, orchestra.

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c are not only getting better reception but er volume through the Subantenna." Signed, HUGO M. FRIEND, Chief Justice Circuit Court, Cook County

Chief Justice Circuit Court, Coox county

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letter in the court of the court of the
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WKRC Cincinnati, Ohlo (325.9m-920kc) 10 p. m. Swiss Garden Loons; 11, popular program; 11:15, dance WKRC Cincinnati, Ohlo (325,5m-200c): 10 p. m. Swiss tarden Loons; 11, popular program; 11:15, dance WLIT Philadelphia, Pa. (334,5m-160kc) 7:30 p. m. emorett crickstrate Control of the Co program; 10:30, dance music; 11:30, Gateway (18810).

We will be the third of the t

Central Time Stations

CKY Winnipeg, Can. (384.4m-780ke) 9:30-10:30 p. m.

Literburgher, Can. (384.4m-780ke) 9:30-10:30 p. m.

KFAB Lincoln, Nebr. (304.7m-880ke) 8:30-10:30,

VATRELY PROFIUM.

KFH Wichtla, Kan. (288m-1120ke) 7:30 p. m. artists' KFI Withita, Kan. (2886m-1120ke) 7/30 p. m. artists (155) and (155 söleist: 7, Little Red Schoolhouse: 8, seloists: 9, Melody Twins: 9:30, soloists: 10, program: 12-1, Melody Twins: 9:30, program: 11, project. Melody Twins: 9:30, program: 12-1, Melody Twins: 9:30-1, program: 11-2, Melody Twins: 9:30-1, program: 9:30-1, program: 9:30-1, Melody Twins: 9:30-1, program:

WCF1. Chicago. III. (d)1.8m-6;0kc) 7 p. m. Brevoort

IFIN 2 Vandeville hour. II2 Nendez-vouc even

WDAF Kansas City. Mo. (368.6m-250kc) 657 p. m.
school of the air; 8-9, WEAF; 9-10, around the

town: 11.45-1, Nighthawk irolic.

IFIN 2 Vandeville hour. II.4 m. p. p. Edgewater Beach hotel orohestra: 11.4 a. m. orchestra:

Sumset male quartet.

WENR Chicago. III. (265.3m-1800c) 6-7 p. m. or
WEAR Chicago. III. (265.3m-1800c) 6-70-730 p. m. or
WFAA Dalles, Tex. (475.3m-630kc) 6-10-7-30 p. m.

entertainers; 8:30-9:30, cuncert; 11-12, concert.

WGN Chicago. III. (362.3m-930kc) 6-33-7, b. m.

opera period; 10, Sam 'n Henry; 10-10, The Music

Boxt, 10:29-11, songs.

WHAD Milwaukee. Wis. (275.1m-1090kc) 6:15 p. m.

children's hourcoal selections. Wisconsin hotel; 7.

WHAS Louisville, Ky. (388.8m-780kc) 6:7:30-9 p. m.

studio concert. (388.8m-780kc) 6:7:30-9 p. m. Al Catney.

WHAS Louisville, K.y. (388.3m-7504c) 7:30-9 p. m. studio concert.
WHT Chicago, III. (399.8m-7504c) 6 p. m. Al Carney, organist; 745 (238m-12604c), Stuart Dawson; 9:30 (588m-7506c), Irene and Albert; II. 7ar and Al. Why Chicago, III. (225.4m-13306c) 6-8 p. m. en-amelikal Chicago, III. (225.4m-13306c) 6-8 p. m. en-amelikal Chicago, III.

semble. WJAZ Chicago, III, (329.5m-910kc) 6:30 p. m. org 8, musical high lights; 8:30, dance music; 9, diverted music; 9:30, talk on care of the hair; 9 trolle. WJJD Mooseheart, Ill. (370,2m-810kc) 8 p. m. Vic-

wild. Mooseheart, Ill. (370,2m-310kc) 8 p. m. Vic-Wild. Nashville. Tenn. (225,4m-1330kc) 7.8 p. m. chrack. Nashville. Tenn. (225,4m-1330kc) 7.8 p. m. chrack. S. d. ditime tunes. Roy. 7.8 p. m. direction. 11 (1982,5m-960kc) 7.8 p. m. Collection. 11 (1982,5m-960kc) 8 p. m. Chicago. Mag. Chicago. 111 (1982,5m-1260kc) 7.330 p. m. Trianon ensemble; 3:30, catertannent. 11 (1982,5m-960kc) 7.30 p. m. dance muse; 3:30, catertannent. 11 (1982,5m-960kc) 7.30 p. m. Tip. Tol. 11 (1982,5m-960kc) 8 p. m. Tip. Tol. 11 (1982,5m-960kc) 8 p. m. Tip. Tol. 11 (1982,5m-960kc) 8 p. m. Tip. Tol. 11 (1982,5m-960kc) 6 p. m. Voloster hotel concert program. 9, studio program. 11 (1982,5m-960kc) 8 p. m. Webster hotel concert program. 9, studio program. 11 (1982,5m-960kc) 8 p. m. Klainban, WQJ Chicago. Ill. (1982,5m-1200kc) 7.9 p. m. Rainbouchestre. 10-3 a. m. Rainbo Gardens frolic. WRLD Dallas, Tex. (245,5m-1200kc) 8 p. m. Atlanta WSB Allanta, Ca. (225,3m-1200kc) 8 p. m. Atlanta WSB Allanta, Ca. (225,3m-1200kc) 8 p. m. Atlanta WSB Allanta, Ca. (225,3m-1200kc) 9 p. m. MSB

WSB Atlanta, Ga. (423-3m-700kc) 8 p. m. Atlanta WSB Atlanta, Ga. (423-3m-700kc) 8 p. m. Atlanta Atwayter Kent hour; 10-45, Arcadians, WSBC Chicago, III. (283-3m-100kc) 6:30-8 p. m. WSBC Chicago, III. (283-3m-100kc) 6:45 p. m. disper encer; 8, studio concert. WSMB New Orleans, Lu. (319m-940kc) 8:30 p. m. oppeller prostrant. WMOZI, gritists.

KMTR Hollywood, Calif. (370.2m-810kc) 8-9 p. m. concert orchestra; 9-10, studio program; 10-12. dance music. KNX Hollywood, Calif. (336.9m-890kc) 7:30 p. m. features; 10, Hotel Ambassador; 11, Saturday night frolic.

KPO San Francisco, Calif. (428.3m-700kc) 6:30 p. m.

States Restaurant orchestra, 8-11, danco music,

KPSN Pasadena, Calif. (315.6m-950kc) 8-9 p. m. Star
News instrumental ensemble.

Sturrday, allent night for: CFCA. KFDM. KFDY KFUO. KLY. KOB. KFO, KTAS, KFOO. KWAS, WBAI. KLY. KOB. WCAY. WCAS, WEBJ. WEMC. WCBF. WCAP, WGHB. WCAY WEBJ. WHAC. WHAO, WHB, WHO. WICE WJAR, WLAU, WHAO, WOS, WYA, WTIC, WCA

SUNDAY, FEBRUARY-20 **Church Services**

Eastern Central Mountain Pacific 10 a. m. 9 8 7 WJR (516.9m-580kc) First Baptist church, Pon-HILS. (399.8m-750kc) Broadway Christian church. 10 WH.S. (399.8m-750kc) Broadway Christian church. 12 (374.8m-800kc) First Preshyterian church. Wh.P. (67.8m-600kc) services, First Preshyterian church. 715 km. 7:15 p. m. 6:15 5:15 4:15 WCX (516,9m-580kc) Central M. E. church.



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Eastern Central Mountain Philift \$130 p. m. 7:30 6530 5530 WFAA (475.9m-630ke) First Presbyterian church. KPRC (296.9m-1010ke) Trinity Lutheran clurch.

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D. S. Cassel, Philadelphia

Dept. G-10, 318 Sycamore St. CINCINNATI, OHIO

Eastern Contral Mountain Pacific (365.6m-820kc), WCY (379.5m-790kc), WILK (399.5m-750kc), WSM (328.3m-1606kc), WSM (428.3m-1606kc), WSM (428.3m-1606kc), WSM (428.3m-1606kc), WSM (428.3m-1606kc), WSM (428.3m-1606kc), WSM (428.3m-1606kc), WSM (428.3m-160kc), WSM (428.3m-160kc) Charal Evensons service. 24.20 (410.3m-160kc) WILK (428.3m-160kc) Frincess of the Air, Captakan (410.3m-160kc), WCM (410.3m-160kc)

butel orchestra. 10
10
PWX (393-8n-750kc) Montmartre carnival. 8
PWX (393-8n-750kc) Mugar Priliter Goodwin, organist. 12
12
13
14
WW (175-9n-640kc) Edmund Boettcher, teuor: Marcel Jones, basso.

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 7 p. m., 51. Faul 8 Might 1970 (2011) 1 a. m. services (1.4 m. m. origin) 4/45, service: 6:30, little symphony; 7:45, service: 9/30, EDKA (2011) 1 phony: 7-25, secretar 75(3), SENIE, 6-329, Intitle Symphony 17-25, secretar 75(3), SENIE, 6-329, Intitle Symphony 18-20, Intitle Structure, 18-20, I

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, air cruis; WEAF; 9:30 p. m. Grand Stew York, N. Y. (315.6m-950kc) 9:30 p. m. musse decana. WGHP Detroit, Mich. (270.1m-1110kc) 7:30 p. m. First Clurch of Christ, Scientist. WGR Buffalo, N. Y. (310m-940ke) 10:45 a. m. service: 7:45, Central Presbyterian church; 9:15-10:15,

ice: 7:45. Central Fress, Land WAFF WAFF WGY Schenectady, N. Y. (379.5m-790kc) 11 a. m. service: 5:30, WEAF; 7:30, service; 9:15, Atwater

service: 5:30, WEAF; 7:30, service; 7:30, manufacture, Ment bour, Kent bour, WHK Cleveland, Obio (272.5m.:100kc) 10 a, m Bible association: 5 p. m, twilight musicale; 6, dimor program; 7:30, lecture: 8:45, program, WHN New York, N, Y, (361.2m.-830ko 6:30 p. m, Liibby's Hotel orchestra; 10, orchestra; 11, orchestra;

WHN New York, N. Y. (261.2m.430kc) 6:30 p. m. Libby's Hotel orchestra; 10, orchestra; 11, orches

ginlaus.

WOO Philadelphia, Pa. (508.2m-590kc) 2:30 p. m.
Sunday School musical exercises; 6, organ recital,
Clarence K. Bawden; 7:30, Bethany Presbyterian church, WOR Newark, N. J. (405.2m-740kc) 6 p. m. ensemble 7:45, concert.

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

t. : Washington, D. C. (468.5m-640kc) 11 a. m. vice: 4 p. m. chapel; 6:45, vespers; 7:20, WEAP, service: 4 h. m. chapel; 6:45, vespers; 7:20, WEAF, 9:15, WEAF.
WSAI Cincinnat), Obio (325.9m.920kc) II a. m. Presbyterian church; 3:45 p. m. chines; 45:30, WEAF;
8, sermonette: 9:15-10:15, WEAF,
WSKC Bay City, Mich. (260.7m-1150kc) 11:12 noon

WTAG Worcester, Mass.; (445.1m-850kc) 7:20 p. m. WTAG Worcester, Oracs; (445.1m-850kc) 7:20 p. m. WEAF; 9:15. WEAF; WTAM Cleveland, Ohio (389.4m-770kc) 10:45 a. m. service; 3 p. m. musicale; 6, hotel orclustra; 7, theater orchestra; 8, services; 9:15. WEAF; 10:15. WTIC Hartford, Com. (475.9m-630kc) 6 p. m. State theater concess.

WTIC Hartford, Conn. (478.9m.630kc) 6 p. m. State theater concert, (382.7m.8280kc) 10:30 n. m. service; 3:30 p. m. orchestra; 7:20. WEAF; 9:15. WEAF. Central Time Stations
CKY Winniper, Can. (384.4m.780kc) 11 a. m. Wealer church; 7-8:30 p. m. First English Lutheran eburch; 7-9:10. Koyal Alexandre hole, (340.7m.880kc) 9:10:30 p. m. Sunday Sevening musically

KFH. Wichita, Kan. (286m-1120kc) 7 p. m. church (2007) (61.3 m. 630kc) 10.45 a. m. services; 2.30 p. m. Seed House song service; 3, program; 6.30, Golden Rule Circle.

KLDS. Indopendence, Mo. (40.3 m. 630kc) 8.30 a. m. form of the control of the

KFH Wichila, Kan. (268m-1120kc) 7 p. m. church Service.

KFNF Sheandoah, Iowa (401.3m-650kc) 10:45 a. m. services; 2:30 p. m. Seed House sons service; 3, program; 6:30, toolber Reite Circle Suc. 8:30 a. m. libite study; 11, Stone church; 3, p. m. Kadio church; 3, p. m. Kadio church; 6:30, vespers; 9:15, studio service.

orchestra. 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-1270hc) 7:30 p. m.

sacred propagn; 7:30-8:30, services; 8:309-30, grisis; 11-12.
Church of Christ, Scientis; 9, Sunday night club
10:30-12, ballroom.
Church of Christ, Scientis; 9, Sunday night club
10:30-12, ballroom.
Church of Christ, Scientis; 9, Sunday; 10, 11-2, 11-



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WMBB Chicago, III. (249.9m-1200kc) 3-6 p. m. Stinday afternoon concert; 7-30, Fifth Church of Christ, Scientist; 9-11, Trianon orchestra, artists, WMC Memphis, Tenn. (499.7m-600kc) 11 a. m. church control. WOAI San Anionio, Tex. (394.5m-760kc) 11 a. m. First Presbyterian church; 7:45, Central Christian

WÖAI San Anionio, Tex. (394.5m-780kc) 11 a. m. Prietz Presbyterian church; 7:45, Cental Christian Christia

WEAK; 9:15. WEAK; WEAK; 9:15. WEAK; WEAK; 9:15. WEAK; WEAK; 9:15. WEAK; Mountain Time Stations

KOA Denvey, Colo. (322,4m-8080c) 10:30, 2. m. church service; 3 p. m., afternoon unusicale; 6:30. organ; 7:45. church service.

Pacific Time Stations

KFI Los Angeles, Calif. (487m-842kc) 7:8 p. m. Jack Smith's dance orchestra; 8-9, Acolian organ recital; dance orchestra; 8-10, Acolian orchestra; Acolian organ; acolian; acoli

Sunday, silent night for: CKAC, CKNC, CNRW KFDC, KFWE, KLIX, KMA, KOB, KSWC, KWWE KER, KUR, KMA, KOB, KSWC, KWWE WCFF, WGBE, WGHP, WHAS, WJID WJR, WLIT, WLWL, WMAQ, WMC, WNYC, WO WOO, WOR, WSMB, WYA, WYS, WTIC.

MONDAY, FEBRUARY 21 Headliners

Eastern Central Mountain Pacific
2 p. m. 1 12 11 11 KPO (428.3m-760kc) Program dedicated to Chi-7:15 6:15 5:15 WJR (516,9m-580ke) "Trial by Jury."

Eastern Central Mountain Science Study of Science Study of Science Study of Science Study of Day in Camp." 105th Infantry band, WIB (185 Smr-820kc) Dixie Ramblers, WL-10 (225-4m-1330kc) Brainham and Rughes Study of Science Study of Science Science Science Study of Science Scien military band. 8:30 7:30 6:30 5:30 WBAP (475.9m-620kc) Mrs. Baird's minstrel. WHA (535.4m-550kc) Girls' Glee club, U. of Wis-9:10 8:10 7:10 6:10 WRVA (256m-1170kc) Richmond Police string band. 9:30 7:30 6:30 WIIAD (275m-1080kc) Moments with Old Masters. WIIAZ (379.5m-790ke) address, Prof. Robt. A. WHAZ (375.9m-/S0kg) address, 1770. AUG. 7. Patterson. Patterson. 1830kc) Bustanoby's-Ed. Wise trio. 1830kc) Haz Tonoby's-Ed. Wise trio. 1830kc) Chevrolet specialties, 7 CKNC (355.9m-80kg) Everently Little symphony: Ernest Shidrick, barrior. ROII. (305.9m-909kc) All of Instruction," short blay. short play. WCOA (252m-1190ke) Mr. and Mrs. W. S. Young. WCO3 (252m-1190kc) Mr. and Mrs. W. S. Young, pocalists.
WEAF (491.5m-460kc), WCAE (461.3m-650kc), WCAE (461.5m-650kc), WCAE (461.5m-650kc), WCAE (462.5m-650kc), WLT (334.5m-560kc), WLT (334.5m-560kc), WLT (337.5m-560kc), WLT (475.5m-650kc), WLT (ogue. WBAP (475.9m-630kc) Blue Moon entertainers. WHAD (275m-1080ke) "In Sunny Italy," Neapolian music. MacRoback Strauss Entertainers. WMCAC (446.4m-720ke) Walter Mallory, tenur, Cold Seal Vagahonds. 11.30 9:30 8:30 CNRC (434.8m-1690kc) Acolian instrumental quarage. tet. KTHS (374,8m-800ke) Mrs. G. S. Arnoux, vio-linist. WBAP (475,9m-630ke) Lawrence Smith, planist. WMCA (340.7m-880ke) Joe Candullo's Everglade 13. m. 12 WBAP (475.9m-630kc) "Sta-Fresh" and "Snow-

Regular Monday Features

Regular Monday Features

Eastern Time Stations

CFCA Toronto, Can. (385,9m-840kc) 5:15 p. m. diner concert; 7:15, organ recital, Clifford McCrmjck, RDKA Pittsburgh, Ps. (360,1m-970kc) 8 p. m. (expectation) 1. m. (expectation)

WGR Buffalo, N. Y. (319n.340kc) 6:30-7:30 p. m. dimer music; 8:30, musicale; 9:10, dance program, WGF Schenechady, N. Y. (378.5m-790kc) 6:30 p. m. dinner music, Botel Van Curber.
WHAZ Trop, N. Y. (378.5m-790kc) 8:12 mid., music, and music, an WHAZ Troy, N. Y. (373-5m-790c, 8-12 mid. music. raiks. Cleveland, Ohio (272-5m-1100kc) 7-9 p. m. WHK Cleveland, Ohio (272-5m-1100kc) 7-9 p. m. WHK New York, N. Y. (381-2m-830kc) 6-50 p. m. WHN New York, N. Y. (381-2m-830kc) 6-50 p. m. WHN Radin Movie cluh; 8-30, Roseland dance richestra; 10-30, ochestra; 11, entertainers; 11:30 WICC. Bridgeport, Comn. (222-4m-1290kc) 7-p. m. middless giver; 2 theater presentation; 10, orchestra; 7-12 m. Middless giver; 2 theater presentation; 10, orchestra; 7-12 with the strong presentation of t WIAX Jacksonville, Fla. (336.9m-890kc) 7-7:30 p. m. Hotel Carling dinner music; 8:10:30, popular program; 11-12. Areade theater.

WIR Debroit, Mich. (516.9m-590kc) 7 p. m. Jean Goldkette's Petite symphony orchestra, soloists; 7:15. Caspar Lingeman entertainers.

WIZ Now York, N. Y. (46.43m-650kc) 7 p. m. orchestra; 8. orchestra; 11:30, orchestra; 8. orchestra; 11:30, orchestra; 11:30

land program; 9:30. Ruud Heater program, WBZ, KJEKA; 10:30-11:33, orchestra, WJEKA; 10:30-11:33, orchestra, WJEKA; 10:30-11:34, orchestra, WJEKA; 10:30-11:34, orchestra, WJEKA; 10:30-11:34, orchestra, WJEKA; 10:30-11:34, orchestra, S. Ford and Glunt 9, orchestra, 2-30, orchestra; 8, Ford and Glunt 9, orchestra, 2-30, orchestra; 8, Ford and Glunt 9, orchestra, 2-30, orchestra; 8, Ford and Glunt 9, orchestra, 2-30, orchestra, 2-3

WLWI. New York, N. Y. (288.3m-1969kc) 8 p. m. musicale; 8:30, Mckvoy concert; 10, tenor; 10:15, ensemble, w. Y. (285.3m-1130kc) 6:15 p. m. diamed musicale; 8. dand; 9, and; 9

musicajo; 83.00, pricavo; concert, 60; ensemble, ensemble, ensemble, musica, 73.00, dance program; 8, hand; 9, m. musica, 73.00, dance program; 8, hand; 9, m. musica, 73.00, dance program; 10, dance processus, 10, dance orchestra; 8, popular program; 10, dance orchestra; 7, convay; 7,15, orchestra; 7, 3.0, Rungarian orchestra; 8, rolle 12, cutertainers. Conway; 7:15, orchestra; 7:30, Hungarian orchestra; 8, talk; 12, entertainers. WNYC New York, N. Y. (526m-570kc) 6 p. m. Piano WNYC New YORK, N. 1. (azam-arone, o. p. m. selections, woo Philadelphia, Pa. (508.2m-530kc) 8:30, address, Rev. Forest E. Dager; 9, concert; 10:30, dance or-

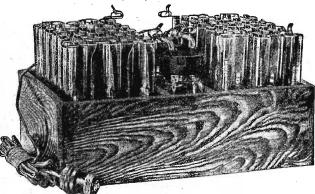
Rev. Forest E. Dageri 9, concert: 10:30, dance or-chestra.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. lacques Jacobs Hotel Sheiton ensemble: 6:45, Bill. Handle of Sorting 12, Jacques Jacobs Hotel Sheiton ensemble of Sorting 12, Jacques Jacobs Hotel Sheiton WOF Altante Cit. N. U.; II. orderstra.

WPG Altante Cit. N. 1299. Ben-1600kc) 7:10 p. m. Arflur Brook organist; 120, Botel Morton dinner musici 8:105, quarter; 8:20, Botel Morton dinner II. dance orchestra; 12, Gateway Castino, musici II. dance orchestra; 12, Gateway Castino, musici

11. dance orchestra; 12. Galeway Casho.
WRC Washington, D. C. (488.5m-640kc) 7:20 p. in.
WRAY 9125, WEAF:
WRAY Altchmood, Va. (256.3m-1170kc) 8:15. Evening
program;
Virginia, Folk Lore, Dr. Dougtrigger of the Commission of the Commission of the Commission
Winter Garden orchestra.
WSAT Chaclanati, Ohio (325.5m-920kc) 8-11 p. in.
WSAT Chaclanati, Ohio (325.5m-920kc) 8-12 p. in.

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STEINITE LABORATORIES, 408 Radio Bidg., Atchison, Kansas

BASKETBALL GAMES

Tuesday, February 15
Eastern Central Mountain Pacific 10 p. m. 9
WLAC (225.mn-1330kc) Ramblers—Terrors.
Friday, February 18
7:30 p. m. 5:30 4:30
WKAR (235.5m-1650kc) U. of Pittsburgh—Mich. State.
8:30 7:30 6:30 5:30
KFKU (275.1m-1650kc) Kansas—Grinnell.
Saturday, February 19
8 p. m. 7
WEAO (293.9m-1620kc) Wisconsin—Ohio.
WSUI (484m-620kc) Pitrdue—Lowa.
8:30 7:30 6:30 5:30
KFDY (295.8m-1600kc) South Dakota—State College freshmen.

College freshmen.
WTAW (270.1m-110ke) T. C. U.—Texas
A. and M.
Monday, February 21
6:39 p.m. 7:30 6:30 5:30
KFKU (275.1m-1090ke) Kansas—Wushington. 9:30 8:30 7:30 6:30 KOB (348.6m-860kc) New Mexico—N. M. State.

State.
Tuesday, February 22
7:30 p. m. 6:30 5:30 4:30
WKAR (285.5m-1050kc) Notre Danie—Mich.

State.

10 9 8 7

KOB (348.6m-850ke) U. of N. M—N. M.

| State | 10:30 | 3:30 | 3:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30

and M. Friday, February 25 8:30 p. m. 7:30 6:30 5:30 WOI (270.1m-1110kc) Kansas A. and M—

WOI (270.1m-11108c) Kansas A. and M—Ames.

Saturday, February 26

\$ p. m. 7

WSUI (484m-620kc) Chicage—Iowa.

5 y. m. 7:30

KWSC (348.6m-860kc) Whitman—Wash.

State Col.

WRESTLING, FEBRUARY 19
Eastern Central Mountain Pacific
8:30 p. m. 7:30 6:30
WOI (270.1m-1110kc) Kansas—Ames.

SWIMMING, FEBRUARY 19
Eastern Central Mountain Pacific
8:30 p. no. 7:30 6:30 5:30
WOI (270.1m-1110kc) Grionell—Ames.

WTIC Hartford, Conn. (476.9m.630kc) 6 p. m. Mother Goose; 6:30, Hotel Boud trio; 8, program; 11:15, Walter Dawley, organist. wWJ Detroit, Mich. (352.7m.850kc) 6 p. m. Dinner concert; 8, musical program; 9, WEAF.

Central Time Stations
CKY Winnipes, Can. (384.4m-780kc) 8:30-9
Studio program; 9-10, Srewart Warner conce

11. Reliable battery hour; 11-12, Capitol theater 11. Keliable lastery hour; 11-12. Capitol theater KFAB Lincoln. Nebr. (480-7m-880te) 5:306-630 p. m. KFAB Lincoln orchestra; 8:30-1030, musicale. KFNF Shenandash, lowa (461.3m-850kc) 7 p. m. Seed concert; 11. old time music. KFNF Shenandash, lowa (461.3m-850kc) 9-11 p. m. Farnham trib., lowa (461.3m-850kc) 9-11 p. m. Farnham trib., lowa (461.3m-850kc) 9-11 p. m. KMOX St. Louis, Mo. (280.2m-1070kc) 6 p. m. Organ; 6:30, quarter; 7 quarter; 8, quarter; 9, KMOLL Council Bluffs, lowa (280.2m-1070kc) 7:30 p. m. Hotel Lasses program. Don Hill and his widelet; 7:30, musicale; 8, program; 9, play; 10, Crosley KPRC International Conference of the Council Bluffs, 10 km, 10 m, 10 m

Concert, KSO Clarinda, Iowa (405,2m-740kc) 6:30 p. m. oldconcert.

KSO Christola, Iowa (405.2m.740kc) 6:30 p. m. old

KSO Christola, Iowa (405.2m.740kc) 6:30 p. m. old

KTHS Hot Springs National Park, Ark, (374.8m.

800kc) 9-11:20 p. m. musica.

RVOC Bristow (12. gr.4.8m. 800kc) 6-7 p. m. War
RVOC Bristow (12. gr.4.8m. 800kc) 6-7 p. m. War
RVOC Bristow (12. gr.4.8m. 800kc) 7-25 p. m.

WAMD Minusapolis, Minn. (243.8m.1230kc) 7:32-8; n.

WAMD Fort Wock, Texas (475.6e.50bc) 7:30-8; n.

WAMP Fort Wock, Texas (475.6e.50bc) 7:30-8; n.

WAMP Fort Wock, Texas (475.6e.50bc) 7:30-8; n.

WAMP Fort Wock, Texas (475.6e.50bc) 6:30 p. m.

WCOA Minusapolis-St. Paul Minn. (12.46-97.20bc)

WCOA Minusapolis-St. Paul Minn. (12.46-97.20bc)

WCOA Penascols, Fla. (252m.1190kc) 6:30 p. m.

WCOA Penascols, Fla. (252m.1190kc) 6:30 p. m.

WCOA Penascols, Fla. (255.6m.820bc) 6-7 p. m.

WCOA Mappiess period.

WEMP Forth WEAFF, 9-10, WEAFF, 11:45
1. Nighthuse, Irolic.

WEMC Berrlen Springs, Meh. (315.6m.980kc) 6:30-7:30

WFAA Dallar, Texas (475.9m.850kc) 6:30-7:30

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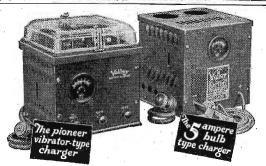
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orchestra: 8:30-0:10, Sears-Roebuck Agricultural Foundation programs (1), Casem-1270kc) 7 g. m. radiograph; 7:30, children's programs 7:40, Cospet trio; 14, Studies of the WOS Jefferson City, Mo. (440.9m.680kc) 7:30 p. m. program.

WOW Omaha, Nebr. (258m.570kc) 6 p. m. Joe Bauer and his Highway Gardenia crehestra: (550, classical; N. Kash-Finch orchestra: N. Kash-Kash-Izokc) 8 p. m. Sears-Rochuke prostratu: 10:55, program, N. Kash-Wille, Tenn. (282.8m.1060kc) 6:45 μ. m. dinner concert: 8, Radio Severa; 9:10, musicale.

WSM Nashville, Tenn. (282.8m.1060kc) 6:45 μ. m. dinner concert: 8, Radio Severa; 9:10, musicale.

WSM Mashville, Tenn. (282.8m.1060kc) 6:45 μ. m. dinner concert: 8, Radio Severa; 9:10, musicale.

WSM Mashville, Tenn. (282.8m.1060kc) 8:30 μ. jm. dinner concert: 8, Radio Severa; 9:10, musicale.

WSOE Milwaukee, Wis. (245.8m.1220kc) 7 μ. m. program; 3, Whozit.

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find St.00 (M. O., stamps or check).
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Mountain Time Stations
KOA Denver, Colo. (322.4m-930kc) 8 p. m. Scheuerman's Colorado orchastra; 81.5, studio program.
KOB State College, N. M. (348.6m-860kc), 7:30 p. m.
State College orchestra.

State College orchestra.

Filos Angeles, Callf. (487m-642kg) 7-8 p. m. Oven Fallor's Californian; S. 9, popular program, 9-10, program, Walter M. Murphy Motors Co., KPO; R. 10, 110, program by Meikelgohn Brothers., KPO; M. 10, 110, program by Meikelgohn Brothers. 6-7 p. m. Pourise disner hour battle, (282m-1190kc) 6-7 p. m. Pourise disner hour brothers frolk, 6-7 p. m. Pourise disner hour Brothers frolk, 6-7 p. m. Pourise disner hour symplemy. Brothers frolk, 6-6:55 p. m. Kumisha Buris Luttle, Sumplimay, 245-8 p. m. talk; 8-9 waudeville; 9-10 orchestra, 10-12, dance music. music. KJR Seattle, Wash. (384.4m-780kc) 6:30 p. m. dinner hour: 8-8:30, program: 8:39-10 program. KLX Oakland, Calif. (508.2m-590kc) 8-9 p. m. Studio program. Piggly Wiggly company; 9-10, Lake Mer-ritt Ducks. A Lorandand, 2011. (598-2m-390kc) 8-9 p. m. Studio Fritt Ducks, 2819. Wiggly company; 9-10, Lake Mer-ritt Ducks, 2011. (390-2m-810kc) 8-10, pro-gram; 10-12, Falais de Danse. KMT Hollywood, Calif. (396-890kc) 7:30 p. m. KMT, Brogram; 9, feature; 10, feature; 11, Frolic.

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EDUCATIONAL FEATURES

| Monday | Eastern | Central | Mountain | Pacific | 11:30 | Mountain | 11:30 | Mountai

9:30 8:30 7:30 6:30 KOB (348.6m-860kc) N. M. state college.

Tuesday

Central Mountain Pacific Eastern Central Mountain Pacific
10 n.m., 78
WMAQ (442.5m-570kc). Peb. 15. "Parties and
Political Equilibrium." Prof. Lasswell.

6 p.m. Solonish lesson
630 41.30
WXC (526n-570kc) Elementary Italian lessons. KVOO (374.8m-800ke) University of Tulsa. WDAF (365.6m-820ke) School of the Air.

Central Mountain Pacific KSAC (340,7m-880kc) College of the Air.

Netrology.

WEEL (345,6m-860kc) Feb. 15, Gur W. Balley,
WEEL (345,6m-860kc) Feb. 22, to be announced,
WCY (279,5m-90kc)

Prof. Godshard.

145, 545

KDKA (329,1m-970kc) U. of Pittsburgh.

WEAA (329,3m-(300kc) Travel rails.

6:10

WMAQ (447,5m-670kc) University of Chicago.

WiMAQ (447.5m-670kc) University of Chicago.

Wednesday

Eastern Central Mountain Pacific

KFAB (340.7m-850kc) Sociology lecture.

6:30 (5:

Eastern Central Mountain Pacific 200 VEAO (233.9n-1020kc) Feb. 16. manufacturing Feb. 19. m

Thursday Central Mountain Pacific

8:15 7:15 6:15 5:15 WDBO (239.9m-1250kc) Literary Appreciation

series.

8:30 5:30

KUOA (299,5m-1000ke) U of Arkansas.

KUOA (293,5m-1020ke) Feb. 17, chemical engineering; Feb. 24, mino engineering.

WOI (270,1m-110ke) lows State Ratio courses.

WIMAG (447,5m-170ke) U of C. lecture.

Friday

Eastern Central Mountain Pacific
10 a. m. 49
WMAQ (447. 5m. 670kc) Feb. 25, "The American
Newspaper," Prof. R. E. Park.

Central Mountain Pacific 6:30 p. m. 5:30 4:30 3:30 WNYC (526m-570kc) Elementary French lesson. WNYC (526m-570kc) Elementary French lesson. WTAF (576 m-520kc) Stoco of the Air WAVE (526m-570kc) Advanced the Air WAVE (526m-570kc) Advanced Appreciation, Heyter Bronson Copper, Kaw U. of Tulson, KVOO (3748m-590kc) Law, U. of Tulson, Tils 6:15 8:15 4:15 WKAR (285.6m-7695kc) Coal.

WKAR (285.6m-)059ke) coal.
7:30 6:30 5:30 (4:30
KSAC (340.7m.880ke) Feb. 18. "Finding Farm Features." Everyday mamers. Feb. 25. advertising and everyday life; introductions and salutations of courtesy.
7:55 6.30 (4:55
WDBO (239.m-)250ke) Rollins college. 8 7 6 5 KSAC (340,7m-880kc) Feb. 4, voice, languages: Feb. 11, sources of good reading.

8:05 7:05 6:05 WOR (405.2m-740kc) N. Y. U. 8:15 7:15 6:15 5:15 WOR (405.2m-740kc) N. Y. university.

10:15 9:15 Felt 18, modern fiction, "Why 1s Oregon?"; automobile rerformance; Fri. 28, best sellers; automobiles.

Saturday

Central Mountain Pacific 4 7 p. m. 5 S WOW (526m-570ke) Historical talks. 8:30 7;30 6:30 5:30 WOW (526m-570ke) Creighton educational period.

9:30 8:30 7:30 WMAQ (447.5m-670kc) photologues.

KPO San Francisco, Calif. (428.3m-700kc) 6:30-7 p. m. States Restaurant orchestra; 7-7:30. Rudy Seiger's Fairmoni hotel concert orchestra; 8-9, music; 9-10. studio program; 10-11, Mandarin cafe orchestra; 11-12. variety lour. KWSC Pullman, Wash. (348.6m-860kc) 7:30 p. m. students concert.

Monday, silent right for CFCA, CKAC, CKCL, KFDM, KFDY, KGO, KHJ, KLDS, KPSN, KYW, WBBM, WCBD, WCFL, WEBH, WEBJ, WENR, WFI, WGBF, WGBS, WGES, WGN, WGY, WHAS, WHT, WIBO, WIP, WJZ, WJJD, WLIB, WLS, WMAQ, WMBB, WOAI, WOC, WOK, WORD, WQJ, WSAI.

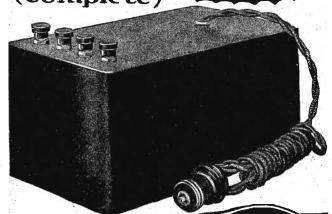
TUESDAY, FEBRUARY 22

Headliners					
Eastern	Central	Mount	aln	Pacific	
12:30	11:30	10:30		9:30	
WEAF	(491.5m-610kc).	WJZ	(454.3)	n-660ke).	
WEEL	(348.6m-860kc).	WIAR	(483,6)	n-620kc);	,
WTAG	(545.1m-550kc).	WCSH	(499.7)	n-600kc).	
WTIC	(475.9m-630ke).	WGY .	1379.5	n-790kc).	
WGR	(319m-940kc).	WBZ	(333.1)	n-900ke).	
WLIT	(394.5m-760ke),	WRC	(468.3)	11-640kc).	
KDKA	(309.1 m970kc),	WCAE	(461.3)	m-650ke).	
WTAM	(389, 4m-770ke).	WWI	1352.7	n-850kcl.	
WSAL	(325.9m-930kc).	WGN	(302.8)	n-990kc).	
KYW	(535.4m-560kc).	WOC	(483.6)	n-620kc).	
WCCO	(416.4m-720ke).	WDAF	(365.6)	n-820kc).	

(484, m.-660kc), KHO (394,5m.-760kc), address by Pres. Coolings, commemorating Washing-ton (1998), and the cooling of the cool

Eastern Central Mountain Pacific St. 10 20, 30 m-1020; C. 10 met PWX (399.8m-/successions) species of the control birth KOIL (305.9m-980kc) National airs, WCBD (344.6m-870kc) studio ensemble.

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Goyescas (Granades),
Spanish Dame (Granades),
Mazukar (Toguer)
Mazukar (Toguer)
The Swan (Sasal),

125 Om-630kel, Travelers symultonic cu125 Om-640kel, Travelers symultonic cu1 mille. 3:15 7:15 6:15 8:15 7:15 9:15 WLWL (384.4m-780kc) "Elements of Architecture," 8:30 7:30 6:30 7:30 6:30 9:30 7:30 6:30 KOIL (395.9m-980kc) Poet's corner. KPRC (296.9m-10100kc) Sweetheart of the air. WHB (365.6m-820kc), Lela Ward Gaston, imper-

Senator. 9:40 6:40 KOIL (305.9m-980kc) "Mr. Solve Your Troubles." WCX (516.9m-580kc) The Red Apple Club. WHN (301.2m-830kc) Wright and Wrong, barmony singers. WLAC (225,4m-1330kc) Mrs. T. L. Herbert, pian-130, 10 9:10 8:10 7:10 WGBS (315.6m-950ke) Wm. Chosnyk's violin memory contest. memory contest. 19:30 9:30 8:30 7:30 PWX (399.8m-750kc) Jockey elab. WHAP (475.9m-630kc) Hired Hand's Truth so-

WEDNESDAY, FEBRUARY 23 Headliners

Eastern Central Mountain Pacific S P. M. Central Mountain S Pacific S P. M. C. (2569-1508); Elk's Band. S 115 MRV (2569-170) George Washington party, I and S 1000-1700 McGill II. Proprama (PRO 136-9-1010/kC) Jack Willrich's dince orchestra. orchestra. PWX (399.8m-750kc) Navy band. WHAS (399.8m-750kc) The Cardinals

2:07 Central Mountain Pacific 9:00 p. m. 8:00 7:00 6:00 ... A (2.24m-1190ke) 9 p. m., City of Chapey Frogram.

V. IA (535, 4m. 560kc) Readings from The Brownings, Prof. C. F. Gillen.

W. W. 184, 4m. 780kc) "Marriage and Divorce."

Wh. M. M. (447, 5m. 670kc) "The Future of Civilization. WRVA (256m-1170ke) Monthly recital, Richmond Musicians club. nond Musicians club, 9:30 8:30 7:30 6:30 WHAD (275.1m:1050ke) WHAD players—short one-act plays. 8 7 | Wildle | Color | Col "La Perichole." 10:40 8:40 7:40 WLW (422.3m-710ke) Ford and Glem. 11:30 9:30 m. 8:30 CNRW (384.4m-1780kc) Orpheum Theatre orchestra. 11:45 10:45 9:45 KTHS (374.8ur-800kc) Leona latone.

THURSDAY, FEBRUARY 24 Headliners

Eastorn Contral Mountain Pacific
7:30 p. m. 6:30 5:30
WFAA (475.5m-630kc) Baker Hotel orchesstra.
8:20 Sept-1170kc) College Spirit of 1927
WGBS (315.6m-950kc) Sammy Selikowitz, child
pjanist, pianist, 9:30 5:30 PWX (399.8m-750kc) Post Revolutionary hymns, WHAS (399.8m-750kc) "Cy" Reinhard's orches-NCDD (344,6m-870kc) program of Indian music.

WAAO (447,5m-670kc) Chicago symphony, 6.95

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8.05 contraito, 8:30 77:30 6:30 8:30 8:30 8:30 8:30 KOIL (305.9u-808cc) "Old Time Music Period." PWX (399.8u-7508c) Culan songs.
WFAA (475.9u-6398c) Wednesday Morning choral WHAD (275.1m-1090kc) Sally West and Her Crew. WOAI (394.5m-760ke) Excerpts from "Aida."

10
WIB (365.6m-820ke) Flight of the Sweeney Mieroplane; Sam Martin, Donna Taylor, Harry
WIN (361.2m-830ke) "Cookie," the California
songbird.

Eastern (225,4m-13)akc) Mountain Mountain Herbert, planist (125,4m-13)akc) Mrs. T. L. Herbert, planist (125,4m-169kc) Mrs. Berbert, planist (125,4m-169kc) Mrs.

FRIDAY, FEBRUARY 25 Headliners

| Central Mountain | Pacific | State | Pacific CNRT (434.5m-1690kc) The Radio Raiders. KOIL (305.9m-980ke) "At the Tailor's." Billie and Helen. and Helen.

WCOA (252m-1199kc) City of Evergreen program.

WTIC (475.9m-639kc) Friendly Fuller hour.

9:10 8:10

KOIL (305.9m-980kc) "The Old Folks at Home.

Easturn Central Mountain Pacific Si30 p.m. Si3

SATURDAY, FEBRUARY 26 Headliners

Eastern Central Mountain Pacific
CKNC (356.9m-840be) Evercuts griting quintet.
7:30
WOR (495.2m-2468c) Vanderbilt dance orchestra.
6:30
CKNC (356.9m-840be) A and B Dattery Boys:
Date of the Control of KI.DS (440.9m-689kc) Marybelle Enhank, organ-8:15 8:15 7:15 6:15 KOLL (305.9m-989ke) Nora Figum and her juve-ale double violin trio. 7:30 8:30 7:30 WFAA (475.9m-630ke) Herrold DeGrosse, bari-WIIC (475,9m-630ke) A Trip to Hawaii.
11 10 9
PWX (399,8m-750ke) Carnival bali.

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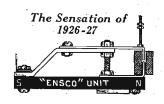
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3 FOOT CONE KIT ONLY



Complete parts furnished in kit form. We guarantee this speaker the equal of any manufactured cone speaker at any price.

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Contains large broadcasting student may all a two-page showing time zones, direction and distances, and a two-page Radio Doctor. String trouble information and remedics.

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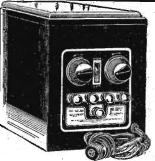
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Special Quantity
Prices THE RADIO LISTENERS' RED-BOO formerly Andrews Radio Directory a

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Capacity 50 Milliamps, 200 Volts Adequate for 1 to 15 Tubes

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Church Services

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Castern Church Services

Carter Mountain Pacific

KTHS (374.8m-180kc) Central Methodist church

KTHS (395.9m-800kc) First Presbyterian church,

WHAS (395.8m-750kc) St. Bunitace Catholic

church, 6:30

WGY (379.5m-790kc) 8:30 church 5:30 Hauttace Catholic 7:36 WGY (379,5m-790kc) First Church of Christ, Scientist 7:15 6:15 Sis SNN (36.9m-890kc) Wilshire All-Souls christ, 8:30 7:30 South Main Baptist church 6 church, 8 7 7 Church of Christ, Scientist. 9 Pirst Church of Christ, Scientist. 9 Pirst Church of Christ, 10 NX (336.9m.890kc) First Presbyterian church, WI.AV. (225.4m-1330kc) Jackson Street Church of Christ, 10 Christ

Headliners
4:15 3:15 2:15 1:15
WHAD (275.1m-1090kc) Milwaukee Turnvorein

MONDAY, FEBRUARY 28

Headliners

Fastern Control Mountain Pacific St. M. Control Mo "Mikado," 9 8 7 Conservatory in-Stramental trio: Arthur Rlight, baritone, WCOA (252m-1190kc) Chamber of Commerce, Medical Commerce, Medic arianna. AZ (379.5m-790kc) address, Dr. Ray Palmer Ticker. (475.9m-630kc) New Departure Band. (815 815 7:15 6:15 WHAZ (379.5in-790kc) R. P. I. students' symphony.

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THE PERFECT GRID LEAK
Provides a noiseless range of grid leak resistance from to 10 megohms. Assures most effective grid leak resistanco value for all rubes. Small grid condenser (0.0002/5) is separate. Metal parts nickel plated. One hole mounting.

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Eastern Central Mountain Pacific 9:30 p. m. 8:30 7:30 6:30 WHAD (275.1m-1090kc) Moments with the old WILAD (275,1m-1690kc) Moments with the old masters. The mass of the masters of th

11:30 10:30 9:30 8:30 WMCA (304.7m-880kc) Joe Candullo's Everglade 1 a. m. 12 WBAP (475.9m-630kc) "Sta-Fresh" and "Snow-

"THE GREEN MAMBA"

(Continued from page 11) puritanic people fortunately die in middle

puritanic people fortunately die in middle age."

Clandon laughed. Never before had he been termed moralist or puritan. Yale had known him as a care-free athlete not less guilty of youthful follies than the other men of his year.

Outside the stone harbor Stephen Jarrold had built to shelter his smaller craft, the three hundred foot steam yacht "Alda" rode at anchor. Tom Coryeli's lesser but very fast motor yacht was there too. Clandon sighed as he saw them, steam, gasoline-driven, or salling yachts, playthings of the wealthy. All his life Clandon had craved a stout boat with which to roam the seven seas.

"Tve a desire," he said, when the cutter Alda was handling skilfully was standing out to sea, "to see Shark's Bay."

"If all your ambitions were as easy as that you'd be lucky."

ALF an hour later they landed at Shark's Bay. Clandon's attitude puzzled the girl. She was so used

to open adoration that this negative manner of his was strange.

"I haven't the slightest idea," she said honestly, "why you have brought me here." She lighted a cigarette. He was the kind of man, she felt, who thought smoking most unfeminine. "It shows my confidence in you, doesn't it, that I take the risk? There is a sullen gleam in your eyes which may be madness for all I know, and I have no weapons. This way of doing one's half banishes the hatpin." She was sitting on the yellow sands almost at his feet.

"The man I spoke to you about last night," he said slowly, "He was a cousin of mine, my only close relative in fact. Although I was only five years older than he I seemed more like a father. He was an impractical idealist who worstipped beauty. I'm afraid I wasn't always very sympathetic with him. To an unromantic man like me, one who wanted facts about life, there was always a suspicion of pose. I was wrong. Beauty was his life." Clandon paused a moment, "—and his death."

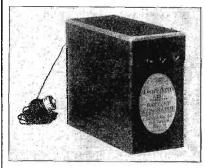
"How could that be?" Alda demanded. "He fell desperately in love with a lovely girl who was clever enough to conceal the fact that he merely amused her. It was the first real passion of his life, and when he found out she had been playing with him he had not the strength to put her out of his heart. He wandered in far parts of the earth. He drank to forget her and found there was no forsetting. When I found him in Africa he was treecked. He had been as handsome at received. He had been as handsome the young Apollo—in his coffin he looked like an old man."

What could has hard for its theme. Really, Mr. Clandon, you disappoint me." Clandon looked down at her. His face was sombre. "He said the girl had no heart. He was right."

was sombre.
"He said the girl had no heart. He was right."

(Continued on page





Laugh This One Off

For \$895 Complete

A Dor-Ann "B" Battery Eliminator with an output of 100 milliamperes and a condensing capacity of 180 microfarads. Will operate any radio set, from 1 to 20 tubes on A.C. or D.C. current.

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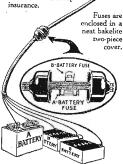
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Install a Beldenamel Aerial today and be assured of permanent aerial efficiency.



Belden Manufacturing Co. 2310A S. Western Ave., Chicago, Ill.

"1927 DELUXE" SUPER (Continued from page 11)

(Continued from page 11)
meter needle will give quite a sharp "Rickover." With a soft penell mark on the
front panel the position of the potentiometer indicating arrow at that moment.
Now do this with all tubes (placing them
in socket 5) except the power tube. The
three tubes that "Rick off" most closely
together are to be used for intermediate
amplifiers in sockets 3, 4 and 5. That
which has the latest "Rick off" point,
which required the potentiometer to be
turned farthest around, is used as the
second detector in socket 6. That with
the earliest "kick off" is to be the oscillator in socket 1. The two with average
oscillation, not used as intermediates, will
then be the first detector in socket 2 and
the first audio amplifier in socket 7.

Adjusting Midget; Dlais

Adjusting Midget; Dials
The midget condenser is first set with
its rotor plates half way meshed with the
stators. With a very low wave length
station tuned in, try using more of this
condenser a little at a time, until you are (Continued on page 30)

THE GREEN MAMBA

(Continued from page 28) "You forget," she said, "that you are taking up this bright morning in telling me about a man I never met."

"Did you ever hear of Dick Onslow?" he demanded.

CAT DICK ONSLOW," she repeated, "Dick Onslow. I'm almost sure I have, although it nust be years ago that he was here. Wasn't he a tall, poetic looking boy who used to say the most extravagant things?"

"I see you do know him. He was my cousin. Do you want the girl's name?"

She sprang, indignant, to her feet, "Now I see what you mean," she cried. "Why, I barely remember him, and you talk as though I were responsible for his death."

Geath."

Clandon looked at her in amazement. There was no sort of contrition in her manner. It was as though she held herself blameless. Vividly he recalled that scene when his cousin told him about Alda and how she had told him she would wait for him and love none else.

"You are accountable," he said quietly, "for my cousin's broken life and unneces-sary death."

"I deny it," she cried. "I have told you I hardly remember him. He was one of a dozen others that season with whom I motored and rode and danced. I don't think I recall their mames either. You say men of his type have great simplicity; that is a kind way of putting it. They are nearly always immeasurably conceited. Dick was. One reason was because he was too good looking and clever. He imagined every girl adored him. You are the last man to understand. How was I to know he took it so seriously?"

"Took what seriously?"

"Took what seriously?"

"A few weeks shared with lots of other men."

of D ID you tell the other men you loved them?"
"I tell no man I love him—it would be too utterly silly."

"Yet you told Dick that and he believed

"You put me in a very awkward posi-tion," she said. "I can't say what I should like to because he is dead and you were so fond of him. But I ask you, is it fair to blame the girl if a poetic boy like Dick falls in love with her, fails to make good, and finally drinks himself to death? For one moment, think of my side of it." There was such an afr of candor and frankness about her that Clandon could find no words of reproach.
"I wish I could believe you" be good.

"I wish I could believe you," he said.

"Why shouldn't you?" she flung base.
"You are condemning me unfairly. You know your cousin was the type that only feels his own sufferings acutely. I like strength and men who have conquered things."

Again Specified

for Perfect 4 AMPERITES are specific the 1927 DELUXE SUPER described in this issue Radiall Company



The "SELF-ADJUSTING" Rheostat

"I see," he said ironically, "such men as Tom Coryell who lives to wreck the cars of poorer men, or a saxophonist who plays savage airs on a blatant trumpet. I see you have a high purpose in life."

The girl's face flushed.

The girl's face flushed.

"You are the one man I thought would not try to wound me purposely," she said, her voice agitated. "I know you'll always blame me, but think sometimes of my life and the chance I've had to meet real men like you. You will never forget poor Dick out there in his lonely grave; it wouldn't be right that you should, but after all he is dead, and the dead find peace." She placed her right hand for a moment on his arm. "Isn't something owed to the living? Perhaps I am not as happy as you think. Won't you stay for a week and try to find the real Alds Jarrold?"

An Iron man and a maid of Damascus steel! Is she baiting him or does she really care? Can he resist her charms or will he conquer? All this will be answered in a very thrilling manner in the finale of The Green Manha, which will appear in Radio Digest, March 1.



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5550

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(2) Filter stage, with its filter condenser, has been eliminated so that no complicated adjustments are necessary.

(3) Greater efficiency has been built into the windings and the elements are more ruggedly mounted.

(3) Greater enterior has been bune into the windings and the elements more ruggedly mounted.
(4) Two hundred and forty kilocycle operation, which means less oscillor repeats and these occurring so they are not troublesome in tuning.
(5) A completely coordinated functioning from the loop to the speaker.

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If your local dealer cannot supply you immediately, we will ship prepaid. 4 St. James transformers, 1 St. James oscillector, and 1 St. James choke coil on receipt of \$36.50. Around these parts you can build the finest receiver known to the Radio art at this time.

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The Tubes That Fill Millions of Sockets

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Consult your radio dealer. He will tell you the right combination of Cunningham Radio Tubes for your receiver.

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E. T. CUNNINGHAM, Inc.

NEW YORK

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SAN FRANCISCO

(Continued from page 29) using all possible without a whistle. Do this also with a high wave length station. The idea is to find a final setting of this unit, such that good regeneration and sensitivity will be had throughout the range

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dyne or oscillator dial will be found to have "two spots" per station up to 50 on the loop dial; with loop dial settings from 50 to 100, the oscillator is "one spot" per station.

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Guaranteed for	continuous duty at
250 volts A. C.	400 volts D. C.
1/10 mfd80c	1 mfd\$1.25
1/4 mfd80c	2 mfd 2.00
1/2 mfd90c	4 mfd., 3.00

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Guaranteed for c	ontinuous duty at
500 volts A. C.	1000 volts D. C.
1/10 mfd\$1.25	1 mfd\$1.95
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1/2 mfd 1.60	4 mfd 4.00

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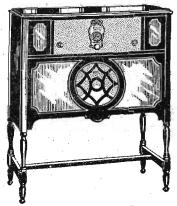
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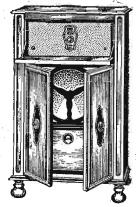
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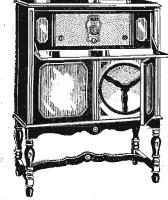
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