Ballot for Favorite Radio Program

# Radio Disest

SECOND APRIL NUMBER, 16

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Vol. XXI No. 1



New Gold Cup Candidates; Radio Commission Hearings Fail; Listeners Vote Ideal Program; WAAM in Big Air Relay; KPSN for Culture: Torch of Youth, Fiction; March Prizes Awarded

## OFFICIAL BALLOT No. 4

# Announcers' Contest

RADIO DIGEST FOURTH ANNUAL GOLD CUP AWARD

	North Dearborn Street, Chicago	
Please cr	edit this ballot to:	
	(Announcer's Name)	of Station(Call Letters)
	Signed	
	Address	
	City	State:

# **50 NEW ANNOUNCERS** UP FOR TROPHY CUP

FIND IRON VISAGED MIKE HIDES TENDER HEART

Friends Hoarding Ballots for Extra Bonus—Dee Has Three Favorites —Can't Decide

## By the Gold Cup Editor

By the Gold Cup Editor

Announcers, take courage, there's a true and loving heart in the breast of the cold and expressionless mike.

If you don't believe it, come to the office of the Radio Digest and behold the heaps of mail from admiring friends who are sending in nominations and ballots for their favorite anouncers.

From the appearance of things every announcer in America is a favorite to someone. Still, it seems, there are a few who have been unintentionally overlooked. The Gold Cup Editor does not believe there is an announcer whose name would not be registered unless it so happened that some of his friends have left it to other friends to make the nomination.

nation.

But it's a kind old world after all. Way out there in the cold vold beyond the hum of the wind that sweeps through the wires of the antenna they think and care for you. It's comforting to have that feeling. They are even levoted enough to back you against all the other announcers in the world. They are going to try to help you be the world's most popular announcer.

announcer.

See how unanimous runs the thought. Without any sorting whatever we pick up two letters and quote them to you verbatim and yet they are probably five or six hundred miles apart. The first on the pile is from Hattle E. Smith, Tolono, III. She says: "I wish to nominate in the announcer contest John Reed Tyson, WGN." The second letter is from Herba Sherman, Pipestone, Minn. She says: "I wish to nominate Lester Palmer of Station WOW, Omaha, for the announcer's contest."

\*\*Make Ballots Count\*\*

Make Ballots Count
Now, here's something we must remember, friends of the announcers. Your ballots count most if you bunch them.
Don't forget about the bonuses. Just to remind you, we are going to give you that part of the rules again, right here:

Err each three each three the search and the search three thre

For each three consecutively numbered ballots sent in at one time, a bonus of seven votes will be allowed.

For each six consecutively numbered ballots, a bonus of nineteen votes, etc.

For each nine consecutively numbered ballots, a bonus of thirty-one votes, etc.

For each nine consecutively numbered ballots, a bonus of thirty-one votes, etc.

ballots, a bonus of thirty-one votes, etc.

For each twelve consecutively numbered ballots, a bonus of forty-three votes, etc.

For a complete series of the consecutively numbered ballots sent in at one time, a bonus of fifty-six votes will be

At the time this report is written 50 new names have been nominated in addi-tion to the 64 published in the last issue of Radio Digest. Here are the new ones:

hew he had no to the book of Radio Digest. Fig. 7. Adams, KFH.

E. O. Adams, KFH.

A. Bruno, WEBJ.

A. Bruno, WEBJ.

A. Bruno, WEBJ.

A. Bruno, WEBJ.

A. Clark, WFIW.

D. R. P. Coats, CKY.

John P. D. D. Coats, CKY.

D. D. P. D. D. C. KFR.

D. D. D. C. KFKB.

D. D. D. WCB.

WCB.

WCB.

Output

D. W. R. P. Coats, CKY.

D. D. D. n Cla R. P. Con-R. B. Daniel, P. Daniels, Kr., D. Denver, KFXB H. Denver KFKB H. Denver KFKB H. Denver KFKB Cennel Fickett, WCR Charles Garland, WBBM Peter Garvin, WOC Chee Garvin, WOC Work Chee Garvin, WOC Washington, WLW "ager, WGY

ire are the new once.
Fred J. Hauser, WSOM
Alvin E. Hauser, WSOM
Burt Ho. Hauser, CK.
Rev. H. Hohenstein,
KFUO
Jesse Jay, WIOD
Richard Jampy, WCAE
Jeron Keefe,
Fred Keefe,
Fr A. Lange.
Gordon W. Mcc...
CFCA
Howard Martin, KOIL
Merkley, CJRM
WWVA Howard Martin, KULL
S. A. Merkley, CZRM
Paul Neigh, WWYA
Paul Neigh, WWYA
Prederick Rogers, KDKA
Chas, A. Seanlt, WEAT
Mrs. W. Spears WBBM
Eddle Sugines, WYAX
Eddle Sugines, WYAX
Chas, Turner, KFKX
C. D. Tomy, WCX
T. Turner, KFKX
C. D. Tomy, WCX
A. C. Woolfries, WOI
A. C. Woolfries, WOI

# MISS NOT THIS SWISS MISS, SINGER MISSED

Dyou miss your Swiss miss as you opened your Radio Digest the sweetest thing that's been miss your over for some time. But you only you miss her, she's the sweetest thing that's been miss your miss if you think this miss is Swiss, because she isn't. She's just a dear little American girl by earned of Vivian Hall. And those we among the she was in the Swiss costume she wears in the Swiss costume she wears in the skit "An Alping Romance." Right now she is believed of the thing the production of the swiss costume she wears in the skit "An Alping Romance." Right now she is believed of the results of the swiss costume she wears in the skit "An Alping Romance." Right now she is believed to the proadcasting stations that pick up the Publix stage productions from the various Balaban & Katz theators. This little miss has often been in Switzerland with her parents, but she yodels not. "Swiss love to sing in their native settings," she explains, "where schoes add to the haunting beauty of their national music, but they save most of their yodeling for foreign ears." So, bang goes another illusion!

# QUARREL OVER DX ENDS IN KILLING

Husband Shoots Wife Who Spoils His Dials, Set for Distance

ST. LOUIS, Mo.—The deadly DX claimed its first fatality in America here the night of April 3 when Mrs. Eleanor Huber, 26, was shot and killed by her husband, Fred Huber, 30 years old.

Instead of going out for the evening, the Huber's had decided to remain at home and listen to the offerings of their Radio. All started well and both were happy until Huber conceived that the weather conditions were good for trying distant stations. Mrs. Huber had her heart set on a program announced by a local station.

Huber satat the dials and after long and continued manipulation broke through a fog of interference and brought in a station, which from its location on the dials he believed to be coming from the Pacific coast. While waiting for the announcer's verification through the call letters, Mrs. Huber is said to have suddenly given the dials a twist that lost the station.

Instantly Huber fiew into a seething

station.

Instantly Huber flew into a scething rage. Bitter words were exchanged. Livid with anger the man finally rushed for a revolver, seized it and turned it on his wife with a shot that caused her death a few moments later.

He was arrested and will stand trial

for murder.

## France Regulates Air

PARIS.—Under a new system of con-trol, all Radio stations in France are to be put under the general administration of the post telegraph and telephone service and the Ministry of the Interior. No Radio establisment for sending or receiv-ing signals can function except in accord ing signals can function except in accord with the new regulations. A commission of 44 members is to advise on all subjects covered by the decree or delegated to them by the ministers.

One of the objects announced by the report of the President of the Republic is

to set up a greater government control in order to establish a coherent, rational and powerful Radio system which can combat foreign propaganda through the dissemi-nation of French ideas and civilization.

# CONTENTS

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# Looking Ahead

A Real Pioneer of the Wild and Wooly Days of the West writes a touching letter of awakened memoires from hearing Denver pioneer program, soon.

Mallory, the Traffic Cop at WCCO tells a snappy story for Radio Audiences and it will be illustrated with picture showing Mallory giving Mike a piece of advice, in the next issue.

Lady Pink Philosophy and Theories arrive at a crisis when confronted with the unrestricted freedom permitted at the new pleasure resort of Eden Grove. In Torch of Youth May 1 Radio Digest.

Interference Problems from a New Angle will be seen in an early number of Radio Digest.

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

Newsstands Don't Always Have One Left

WHEN YOU WANT

BE SURE OF YOUR REGULAR COPY BY SUBSCRIBING NOW

# SEND IN THE BLANK TODAY

Publisher Radio Digest,

Please fu	nd encl	osed ch	eck M	. 0. for	Three	Dol
to Radio	Diges	t, Illus	trated.	rear s	Supsci	iptio
Name						
Mame						•••••
Address						
		- K				Tare

# SHORT WAVES

Spring Fever Hits Radio Stars; Marcella Has Revenge; Billie Allen Hoff Only Pocket Edition; Collegiate Bernice Altstock of KGW; Chappell Leaves WFBL; Phillips Carlin Gets New Job; Romantic Norm Sherr; Marcella Fans Page Bobby Griffin; Mrs. "Bill" in California; Find Some Work for William Fay; All About the Blond Announcer of WDAF; WGN's Tyson. WGN's Tyson.

WGN's Tyson.

PRING fever! Ach, yes—undt a coad id da haid! You know how it is, yes?
Anyway, here's news. The Elife! Tower of Radio is back—and he's TOW-ERING! More'n ever, my dears. Many a plaintive wail has come to your Marcella about this Lew Ferris, otherwise known as the Elife! Tower of Radio. Where On WHERE and what oh what had become of him? He and the "Little Pink Wife" are motoring overland from station to station and expect to cover most of the United States and Canada for a world's record of broadcasting from the greatest number of stations. Thank's, I'd sure like to jine you, Elifel—but business is business and—

John Clark, late of the late WSWS, has

you, Eliffel—but business is business and—
John Clark, late of the late WSWS, has perched himself at the KYW mike and thereby hangs a tale that gives your purveyor of studio gossip a tweak of sweet revenge. Ah ha, the villain shouted—and not so long ago one Mattson, otherwise known as "Matty" at KYW made certain scurrilous insinuations as to the gender of the conductor of this column. So happens it that our friend Mr. Clark has taken a fond notion for Matty's particular Sunday best girl and Matty's got the blues. Gr-rrr-rr! I bet he's sorry now!



those weepy blues.

Guess I must have pulled a fox paws, because E. H. B. writes, "I nearly died when you called Carl Menzer of WSUI a Bashful college boy." And did the students at Iowa state get a kick from that? I'll say they did! Mr. Menzer is a young man, but, girl, he is the brains of that station. As I understand it, he played a leading role in the building of WSUI, and Carl Menzer sure does get my votes in the announcers' Gold Cup Contest." But I won't apologize for anything I said after seeing his picture, so there!

No wonder Bernice Altstock of KGW seemed collegiate to you, George. She has not been out of college very long and she still has that happy-go-lucky feeling about her. She learned to sing in the campus serenades. Don't you think she has a lovely voice? And personality! She just oozes with it and is more fun. But even though she has a large fan following and is good looking she is one of the most reliable and hard working but anything but dumb. Now I just don't believe that good looking girls are dumb, do you girls? What ideas men have.

Who was it asked me about Ernest

dimm, do you grifs? What ideas men have.

Who was it asked me about Ernest
Chappell? Well, anyway he's another one
of those persons who feels the spring urge.
He's leaving WFBL, Syracuse. Uh huh!
he's going to WHAM, Rochester and take
charge of things there. Did you realize he
had been two years at WFBL? Mercy,
how time flies! Well, he has and worse
yet, he's married. Oh, it's too bad, I just
love blonds with blue eyes. Twenty-eight
is such a nice age for a man. But he is
terribly tall. He's six feet three inches.
Golly-gee! How in the world does he get
down to the mike? I'll bet he wouldn't be
able to see me at all.

No, Phillips Carlin has not had the wan-

No, Phillips Carlin has not had the wan-No, Philips Carlin has not had the wandering bug strike him yet. You know what he is called? "The Voice with the Smile Wins." That's just what has happened. He is the new manager of WEAF and he hasn't the time to announce very much any more.



hasn't the time to announce very much any more.

Why call yourself a "Radio Nuisance," my dear. You know I just love to read your letters and answer them. Here's what Natalie Giddings, that little publicity girl at WBBM, says about Norm Sherr. "At last WBBM can offer for the delectation of the 'girl friends' an artist who will admit he is not married. In fact he is delighted to insist that he is not married. He is pust twenty-one and there is plenty of time for him to 'step off.' (Continued on page 4)

# NAME YOUR CHOICE IN BROADCAST?

# **COMMISSION HEARS** ONLY "NO, DONT!"

PUBLIC HEARINGS BEAR NO PRACTICAL RESULTS

Every Phase Discussed by Experts But Each Suggestion Encounters Vigorous Opposition

## By L. M. Lamm Staff Correspondent Radio Digest

By L. M. Lamm

Staff Correspondent Radio Digest

WASHINGTON, D. C.—Members of the
Federal Radio Commission expressed regret at the end of the four days of public
hearings that no practical suggestion had
been made for immediate relief of the
chaotic conditions by any of the numerous
personages who had made an appearance.

The first suggestion that the broadcast
band be widened met with a storm of protest. The same fate followed the proposal
to decrease the separation between frequencies. It also was declared impractical
to shift locations of various frequencies
to avoid second harmonics and there was
no agreement whatever as to what could
be done in regard to a division of time.

What about limitation of power? The
answer was emphatic that the commission
should make no arbitrary ruling in this
regard. However, it was indicated that a
power curb should be put on certain socalled "local stations." Hedged in by these
negative demands the final inference
seemed to be that some stations should be
regulated as to a time schedule when they
could broadcast or that there should be a
material reduction to the number of stations permitted to have licenses.

200 "Expert Witnesses"

Some two hundred of the "best minds"
of the radio manufacturers, broadcasters,
and listeners assembled in this city on
Marcl 29 and for four days told the recently organized Federal Radio Commission what they thought of the various
problems presented.

The subjects on which there was more
or less discussion included: widening the
troadcasting band, limitation of power,
reducing frequency separation, simultaneous broadcasting with the same frequency, chain broadcasting, division of
time, consolidation of broadcasting service, limiting the number of stations and a
general discussion. Each one of these subjects was discussed from the various
viewpoints of the different interests until
the commission certainly must have a
good cross section of the best thought on
these subjects.

these subjects.

Towa League Represented.

From the standpoint of the readers of Radio Digest, Francis St. Austell, of Des Moines, Towa, president of the Iowa Radio Listeners' League gave one of the most interesting talks, because he was apparently the only representative which the listeners had. He claimed that he represented 458,000 listeners, because, he said, that was the number of the members of

reserved 458,000 listeners, because, he said, that least he number of the members of the sembers of the sire of

behalf of clients as counsel.

Many Interests Present

Among some of those who addressed the commission at the hearings were the following: Paul B. Klaugh, National Association of Broadcasters; Jack Binns, Hazeltine Radio Corporation; R. H. Langley, Crosley Radio Corporation; F. A. Kolster, Federal Telegraph Company; Dr. Alfred N. Goldsmith, National Broadcasting Company; K. B. Warner, American Radio Relay League; C. Francis Jenkins, radio inventor of this city; A. H. Grebe, Grebe Radio Corporation; George D. Stanton, American Railway Association; Lamden Kay, Atlanta Journal, Atlanta, Ga.; (Continued on page 11)

# "MIKE" IS BEST MAN AT WLS WEDDING



# Big Whozit Entry Is A Replica of WSM

An exact replica of the WSM studio at Memphis was one of the most elaborate of the big Whozit entries revealed this week. The interior is shown through knough the windows. Presto! The view through the windows. Presto! The view through the window changes and you are inside the studio with one of the Whozit artists at the microphone and another at the piano. Another quick change and two more artists automatically appear. Because of such elaborate and sometimes delicately adjusted devices, time is required to unpack and sort. It is hoped to be able to announce the winners in a short time. Watch Radio Digest.

# Station Brings to Life Quebec "Dead Spot"

MONTREAL, Que.—Quebec City, which has been called a "dead spot" in Radioland, has just been brought to life by the opening of the new broadcasting station CNRQ. It is the eleventh in the chain of broadcasting stations established by the Camdian National railways. It takes the 340.7 meter wave.

In all its broadcasts this station will be connected by telegraph or telephone wire with the studios of the Montreal or Ottawa studios and on special occasion with CNRT at Toronto. Not only are the Canadian lines taking active part in broadcasting but deluxe trains carry receivers.

# **CONSIDER FEATURES BRINGING MOST JOY**

RADIO LISTENERS INVITED TO NAME PREFERENCES

Vote of Fans Will Aid Broadcasters to Choose Most Popular Entertainment

What is YOUR favorite program?
When Radio time comes around, what comes into your mind that you want to hear?

comes into your mind that you want to hear?

If you could write your ideal of a perfect program, what would you include?

This information would be worth a great deal to the broadcaster if he only had some way of telling just what the majority of his listeners preferred.

In conducting the station ballots for information for the Federal Radio Commission many readers of the Radio Digest sent letters telling why they preferred certain stations and wanted those stations preserved if the commission should decide to start in pruning.

Do You Like Fiddlers?

In certain communities the old time fiddlers were greatly preferred to the symphony orchestras. In other communities the old time fiddlers were considered a terrible bore and the classical music was declared to be a great boon to certain listeners who never before had been priviliged to hear it so frequently and perfectly.

Some persons are always complaining about the sourance with other contraining

music was declared to be a great boon to certain listeners who never before had been priviliged to hear it so frequently and perfectly.

Some persons are always complaining about the soprano while others maintain that a good soprano who knows how to broadcast is about the finest thing to be heard over the air.

With a force of girls counting over the station's ballots and dividing them into states and sections for final tabulation and others dividing the big Whozit prizes, Radio Digest is deep into a tide of expression from its readers.

Expression Is Needed

However the need for an expression for choice of entertainment has seemed to be forced forward so prominently by the letters already received that it has been decided to present a ballot in this issue.

These ballots and surveys are among the most helpful ways by which Radio Digest can voice the wishes of the general public from coast to coast.

Of course it would be impossible to list every specific thing that you sometimes hear over the Radio in the way of enter-tainment on the ballot. But under each classification are left two blank lines, one for you to state the kind of entertainment in that particular division you like best and the kind you can most easily spare.

And if you feel that the ballot does not give you opportunity to express your complete opinion on the matter, write a letter. You will be doing this not only for the Radio Digest but for the broadcaster who wills to give the public what it wants. Here is something we can give you returns on in a short time. You will be the services of the country. Here is something we can give you returns of the letters will be published. Sit down and send your ballot right now while you think of it. Are you a jazz fiend or do you think of it. Are you a jazz fiend or do you think of it. Are you a jazz fien

# IN MY PERFECT PROGRAM

I would include or exclude the following items. (Mark ballot and forward to Editor of Radio Digest, 510 N. Dearborn St., Chicago, Ill.)

FEMALE VOICE	Yes	No	MALE VOICE	Yes	No
Soprano			Tenor		
Contralto			Baritone		W
Blended Voices		Mayo"	Blended Voices		
Popular Songs		3.5	Popular Songs		
Classical Songs			Classical Songs	9-14 S	
ORCHESTRA			FEATURES		
Classical			Religious Service		
Semi-Classical		en = 3	Household Hints		
Popular Dance		10.00	Public Speeches		10
Jazz		4,5	Sports	4.39 (2.36)	3
Fiddlers	· . Joseph		Educational		

ALSO INCLUDE

NAME

STREET

CITY AND STATE

# COMMISSION ADVISED OF READER'S BALLOT

TABULATION of the big vote cast by readers of Radio Digest for their favorite stations was not complete as this edition went to press. The Federal Radio Commission was formally advised by L. M. Lamm, staff correspondent of Radio Digest at Washington, that the report was in preparation and an acknowledgment of the notice was received from Commissioner H. A. Bellows.

At the last grand total KDKA held the lead and WLS, Chicago, took second place. But less than half of the total votes had been counted at the time.

# MARCH WHOZIT FIRST

SMALL ALBUM BRINGS \$50 TO FLORIDA WOMAN

Monthly Award of \$100 Is Scattered From Ontario to Oklahoma— Neatness Counts

Neatness Counts

Oh, but here goes some easy money for the winners of the March Whozit game. And some more easy money is going for the April Monthly Whozit—just watch. At the right of this column you see the second pair of Whozits for this month—both lady artists of the air and so easy. THAT IS easy to assemble, of course. Four lady artists, their faces cut into segments, four to a picture. Cut two out the first of the month, separate the segments, so the fact of the month and two out the 18th of the month, separate the segments, of the features look like themselves, write a letter of 200 words telling about them and send it in.

It doesn't take long and you take a good chance of getting a nice silce out of that \$100 Radio Digest Monthly Whozit melon. Here are the winners of the March Whozit contest which closed on March 22:

The Prize Winners

First Prize—\$50—to Mrs. M. F. Birch-wood, 2146 Oak st., Jacksonyille, Fla. A very much surprised lady, no doubt, at receiving a Radio Digest check for \$50 for the simple little photo album in which she had pasted the correctly assembled Whozits and had written in with white ink her brief biographies.

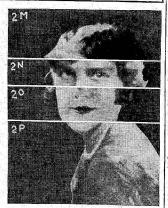
Second Prize—\$25—to Mrs. C. P. Neis, Concordia, Kans.; a gray metr folder with each of the four artists assembled correctly and pasted on white stars, mounted on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover. The biographies were just facely marked on the cover.

facts. All well done.

Neatness and simplicity as well as accuracy gave five prizes of \$5 each to the following persons: Olivia M. Longsworth, Wynona, Okla.; Presco K. Anderson, 230 director of Radio Station CKY, Winnipeg, N. Creighton st., Philadelphia, Pa.; Miss Bessie Judd, 154 Annts st., Oshawa, Ont.; Annts St., Oshawa, Ont.; All Morris, Box 204, Richmond, Va. jaw, Sask.

# SECOND TWO OF THE APRIL WHOZITS





Here are Whozits three and four, of the April Series of four. Their names are Barbara Maurel, mezzo-soprano, WEAF; Sunflower Girl, WBAP, Ft, Worth, sweet singer; Vin Lindhe, capricious sorgs, WENR, Chicago, and Mary Jane Novak, who helped to make WCCO famous for its Blue songs. Line them up right and pull down some of that \$100 offered each month as cash prizes.

# Spans Pacific Ocean

and W. T. Butcher, 605 Tenth st., Rock Island, Ill.

Now here is the second team of April Whozits right before your eyes. Just use your head and your shears and go after some of this vacation money. You know how it is, \$5 here and \$5 there and maybe a \$25 or a \$50 prize. Just that much more fun when you knock off for a good time when dog days make it too hot to work.

You can buy Radio Digest at any newsstand or send to the Radio Digest office, 510 N. Dearborn st., Chicago, for back copies. Address your entries to the Monthly Whozit Editor.

New Y's "Tiny Giant" SAN DIEGO.—A miniature Radio tradison set with a range of thousands when dog days make it too hot to work.

You can buy Radio Digest at any newsstand or send to the Radio Digest office, 510 N. Dearborn st., Chicago, for back copies. Address your entries to the Monthly Whozit Editor. SAN DIEGO.—A miniature Radio transmission set with a range of thousands of miles has met with successful trials here by navy air forces. A 30-foot telescope wood aerial mast is used, stepped up from the deck and steadied against the upper wing section directly abaft the pilot cockpit. It operates similar to a submarine periscope.

# SHORT WAVES

(Continued from page 2)
His chief interest in life consists of receiving letters from girls who hear him play. Norm has done everything to make him seem romantic in the ears of the fair listeners. He is a graduate of a military academy, at the age of seventeen was the author of a musical comedy, went around the world with the University of Wisconsin band and has just returned from a trip to the Orient with Howard Osburn's International Radio orchestra. He does not claim to be heart-whole and fancy free, but youth is fickle, so, Marcella, you might advise the girls not to give up hope." After all that I think I'll step up to WBBM some night. There are advantages to being Marcella. There certainly are. (Continued from page 2)



Yes, I know Bobby Griffin has left KVOO. We had a wire in the office this very morning. He may be off the air now, but it is a secret where he will be next month. Will let everybody know just as soon as I can. Frank Lane is back again in Bobby's place.

SAN DIEGO—A miniature Radio transmission set with a range of thousands of miles has met with successful trials here by navy air forces. A 30-foot telescope wood aerial mast is used, stepped up from the deck and steadied against the upper wing section directly abaft the pilot cockpit. It operates similar to a submarine periscope.

Lieut. Herbert C. Rodd, Radio officer of the VS-2 squadron, has communicated from aboard the PN-10 with stations in Japan, Alaska, England, France and the principal stations of the United States. Current is supplied by a 17-pound hand-driven generator.

(Continued on page 21)

# WOMAN'S PROGRAM INDEX (Daily Unless Indicated)

# Household Economics, Women's Hour, Etc.

Eastern 9:30 a.m. WWJ (352.7s	Central 8:30 n-850kc)	Mountain 7:30 Fonight's dinner	Pacific 6:30
10 WCSH (400	9	8	7
WIP (508.2m	-590kc), M	8 ex Sat, enu, Tues, Thu Homemakers' cl 8:15	s. Sat
10:15	/m-880kc), 9:15	Homemakers' cl 8:15	ub, Tues.
Tues, Fri.	.8m-970kc)	. Homemakers	7:15 chats,
KVOO (374,8	9:30 m-800kc).	Mothers' hour. ex Sat. 8:40	7:30
WTAG (545.	1m-550ke), 9:40	ex Sat.	
WEAF (491	5m-610ke)	Ratter Cuarter	7:40 r, Mon,
	m-760ke),	Betty Crocke	, Mon,
Wed, Fri. 10:45 KDKA (309.1) Fri; WEE	9:45 m-970kc), E (348.6m-8	8:45 Betty Crocker, M 60kc), Mon, Wed, I Home service pr alk, Nancy Wed	7:45 on, Wed,
WTAM (38 WBCN (266tr	9,4m-770kc	), Mon, Wed, I	ri.
WBZ (333.1n Wed, Fri.	1-900kc), T	alk, Nancy Wel	lls, Mon,
KSAC (340 7)	m-8801col 1	D100	7:55
WEAF (491.	5m-610kc),	Household tall 'olly Porter, 'lomemakers' hou	8 k.
WOI (270.1m Thurs, Fri.	-1110kc), B	lomemakers' hor	ır, Tues,
WSB (428.3m	1-700ke), H	omemakers hou	8:10
11:15 WCAE (46) 3	10:15	9:10 Homemakers' h 9:15 Women at home	8:15
11:45 WCCO (401.	10:45	9:45	8:45
Betty Crock	cer, Mon,	Wed, Fri.	1-820kc),
WOW (526m Home Com	-570ke), P	Women at home 9:45 WDAF (365.6n Wed, Fri, ome economies, Jancy Wells,	Women's
WEBH (370.2 WQJ (447.5m	m-810kc).	Prudence Pennyome economics, 10:15	. 9
KFRU (499.7	m-600kc), ]	Housewives' hou 10:30 Sylvia the blir	o.70
KMTR (370.2 Tues Thurs	m-810kc),	Sylvia the blin Shopping service	id cook,
Fri. (202 0m	1-750kc), 5	shopping servic ome managemen 10:35	e, Mon,
			9:40 Fri.
WNYC (526m)	11:45 -570kc), R 11:55	10:45 ecipes.	9:45
KSAC (340.7t	n-880kc), I	lousewives' hal	9:55 f hour.
KGW (491.5m	-610kc), H	ousehold helps, udence Penny, Ladies hour, M	10
WSOE (245.8)	n-1220ke),	Ladies hour, M	on.
WTAW (270.1	m-1110kc), 12:20	Ladies hour, M 11:15 Spring cleanin 11:20 Wed, Fri	10:20
1:30	12:30	11:30	10:30
Mon. Fri. KNX (336,9m	-890kc), H	Homemaker's r lousehold eco lotem cooking s 11:40	onomics.
Daily ex Sa KOMO (305.9)	t, Sun. m-980kc), 7	Potem cooking s	chool.
KFI (467m-64 Fri	12:40 2kc), Bett	11:40 y Crocker, Moi	10:40 . Wed.
1:40	12:40	11:40 opping service.	10:40

Library Baselin day his

Eastern Central Mountain Pacif.
1:45 p. m. 12:45 11:45 10:45
KFWB (252m-1190kc), Feminine Fads and Fan-KFW18 Pulm. 190kc), Feminine Fads and Fancies, Cass. 190kc), Betty Grocker, Mon, Wed. Fri: cooking hints, Tues; Thurs. 11 KOIN (319m-940kc), Housewife hour. 1106 KIR (384.4m-750kc), Prudence Penny. Sat. 1105 KIR (384.4m-750kc), Prudence Penny. Sat. 1215 List (319.4m-660kc), Daily menu, ex Sat. 1216 List (319.4m-660kc), Shoppier's aid. William (319.4m-660kc), Shoppier's aid. William (319.4m-660kc), Shopping service, Mon. 225 Kir (345.4m-660kc), Shopping service, Mon. KIR (348.4m-780kc), Shopping service, Mon. Wed. Fig. (346m-1220kc), Cooking leasts, Mon. Rf.
WSOE (246m-1220kc), Cooking chats, Mon
WIP (508.2m-590kc), Market hints for housewives, menus, Mon. Tues,
WIZ (454.3m-660kc), Your daily menu,
3:15
2:15
WHO (526m-570kc), Recipes, household hints,
Tues, Tues.
3:39 2:30 11:30 12:30
WHK (272.6m-1100kc) Housekeeper's chat.
WLS (344.6m-870kc), Homemakers' hour.
WLW (422.3m-710kc), Cooking chat, Wed.
13:45 2:45
KFRF (461.3m-650kc), Ladies' hour, Mon, Tues,
Thurs, Fri. AFNE (481.3m-650kc), Ladies' hour, Mon, Tues, Thurs, Fr. 3
WOC (483.6m-620kc), Aunt Jane.
WID (447.5m-670kc), Home economics.
WIP (508.2m-50kc), Market laints for house-wives. Tues. 3:20
KMOX (280.2m-1070kc), Housewives' hour.
WLS (344.6m-670kc), Housewives' hour.
WLS (344.6m-670kc), Dails' ex. Sun, Market laints, Market laints, Market laints, Market laints, Market laints, Market laints, Sun, Market laints, Sun, Market laints, Sun, Market laints, Marke (461.3m-650kc), Domestic science talk, KMA (461.3m-650kc), Domestic science stalk, Mood Fri. 5:29 KMA (322.4m-930kc), Boulestion box, culinary Fri. With (42.2m-700kc), Cooking school, Wed. KGO (361.2m-830kc), Hints for housekeepers, Wed. Wed.
7:15 6:15 5:15 4:15
WKAR (285.5m-1050kc). Ex Mon and Sat.
8:30 7:30 6:30
KUOA (299.8m-1000kc). Helpful hints.
9:30 8:30 7:30
KOB (348.6m-860kc). Housekeepers' chat. Mon.

# "Aunt Sammy"

tral Mountain	Pacific
9	. 8
20kc).	
40 9:40	8:40
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230kc).	
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cc); KSL (299.8m-1	200kc)
30 1.30	12:30
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Okc), Tues, Thurs.	Fri
o) Mon Wood P-:	
50kc).	
30 6:30	5:30
Okc). Wed. Thurs	3.30
	trat   Mountain   2020kc), ke), ke), ke), ke), ke), ke), ke), ke

# Women's Clubs

Central Mountain 11 a.m. 10 9 8 WHT (399.8m-750kc), Women's club. WOI (270m-1110kc), Federated Women's club, "Wide Zom-110ke), Federated Women's club, 11:30 10:30 9:30 8:30 WNAC (430.1m-657kc), Women's club. 2:10 p.m. 1:10 WMAG (447.5m-670kc), Illinois League of Women Voters, 2 12:30 11:10 WLT (394.5m-760kc), Tues, Republican Women. 2 200. (416.4m-720kc), Political clubs, Tues, 74:45 

# Fashions and Sewing

Eastern Central Mountain Pacific 12:15 m. 11:11 Eastern Times. 10:15 m. 12:15 Eastern Times. 10:15 Eastern Times. 11:15 Eastern Times. 11:15 Eastern E lessons, 2:20 12:20 11:20 12:20 11:20 WJZ (454.2m-660kc), Wed, Fashions, 5 WOS (440.9m-680kc), Fancy work, 2 KUOA (299,8m-1000kc), April 21, Easter hats,

			A.,
Eastern 6:45 p. m KOA (322.	5:45	4:45	n Pacific 3:45
Thurs, Fr	i.	rasmon re	view. Tues.
KFRU (499	6:15 7m-600ke),	Style tall-	4:15
talks. Tue	85.5m-1050kc	), Shoppin	101 2 2
WPG (299.8	m-1000ke)	Fashion fla	hes, Tues.
WCCU (416	7:45 .4m-720ke),	Jeanne Gra	
	9:40 m-740kc),	Fashions, P	eggy Hamil-

# Health and Beauty

Fri. 1115 p. m. 12:15
KMT36 (370.2m-810kc), Diet question box, Thurs,
KMT36 (370.2m-810kc), Diet question box, Thurs,
KSON (222.4m-1200kc), Physiology of heauty,
KYA (399.8m-750kc), Diet aud Health, Tues,
Fri. WEBH (370.2m-810kc, Health talk. WOS, (440,00m-8)00c, Health talk.

WOS, (440,00m-800kc), Health talks, Tues.

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8:40 10:45 \$:45 8:45 7:45 KNX (336.9m-890kc), Dr. Robert T. Williams,

# Child Care; Training

10

Eastern Central Mountain Pacific 10:55 a.m. 9:55 8:55 7:55 KSAC (340.7m-880kc), Child care, daily ex Sat. WCCO (416.4m-720kc), "Health of the School Child." Wol (270.1m-110)kc), "Some New Methods of Child Training," Dr. Lovissa Wagoner, Fri. 7. m. (200.1m-110)kc), Dr. Wayne B. Burr, Wed.

# Interior Decorating

Eastern Central Mountain Pacific 2:20 p.m. 1:20 12:20 12:20 11:20 11:20 11:20 11:20 11:20 11:20 12:45 11:45 12:45 11:45 WOR (405.2m-740ic.) Interior decoration.

# Gardening

Eastern Central Mountain 1120, m. 1120, m. 1280, m. 1280,

# PARENTS LIKE WTIC MUSIC LESSONS



TEW ENGLAND'S inherent esteem and aspiration for culture and intelectual development is being demonstrated the result of the musical instruction atures recently broadcast by WTIC,

# U. S. Pacific Coast Stations Leap to Atlantic By Air Relay Over WAAM

Three Remote Receivers Working From Same 150-Foot Aerial Scout for Signals, Reproduce, Amplify and Re-Transmit for All Eastern Listeners

NEW YORK.—First aid to DX fans is offered by Paul Godley through WAAM, Newark, N. J. Many Eastern listeners find it very difficult to pick up Pacific coast stations, owing to interference and lack of equipment for fine tuning. Station WAAM has launched a Saturday night pilot service whereby the far-distant stations are brought in, either by tuning in WAAM or by following the directions received through the station. "We have erected a receiving outpost at Cedar Grove, about nine miles northwest of Newark," said Mr. Godley, "and from that point the programs we intercept are sent over land wires to the transmitter at Newark and put on the air so that the Radio fans throughout our area may receive them without trouble. The California stations begin coming in at 10:30, but they are not at their best until after 12 o'clock.

California Comes Strong
"Amone the stations we find west settle.

10:30, but they are not at their best until after 12 o'clock.

California Comes Strong
"Among the stations we find most satisfactorily are KFI and KHJ, Los Angeles; KGO, Oakland; KGW, Portland, Ore; KOA, Denver; CZE, Mexico City; WBAP, Fort Worth, and WFAA, Dallas, Texas. Station KFI is by far the easiest to get, as it comes in very loud."

The antenna is described as about 40 feet high and the wire 150 feet long, between a chimney and an elm tree. A counterpoise is strung beneath the antenna. Three receivers are employed, all operating from the same antenna and with six tubes. One is tuned to WAAM's 263 meter wave; the second is used as a scout to hunt new stations, while the third is pouring signals through two loudspeakers into a microphone connected by wire with the WAAM transmitter.

System Is Explained
Mr. Godley explains the system further, as follows:
"We use two loudspeakers of the cone

Mr. Godley explains the system further, as follows:

"We use two loudspeakers of the cone type connected in series so that we can get both the low and high tones. The loudspeakers are placed about eight feet from the microphone.

from the microphone.

"Subsequent to the tuning in of any station instructions are given to listeners as to how to get this station on receivers other than the one being used at the pick-up point. This enables Radio owners to pick the station up direct on their own receivers, and should serve as an incentive for 'fishing' for additional west coast stations.

an incentive for fishing for additional west coast stations.

"The site of Cedar Grove was selected because of the convenience of telephone wire facilities. After the various stations are picked up on the Cedar Grove receiver they are reproduced in loud-speakers which are placed before a microphone and sent over telephone lines to the studio of WAAM, whence they are reradiated on a wave length of 263 meters.

"The scout machine is used to fish around through the air in order that material of interest fit for rebroadcasting can be spotted. In this manner a continual change of seenery is available. The operator at the scout machine having spotted 'KGO announces it to the operator on the rebroadcasting machine. The rebroadcasting set is then swung over to KGO subsequent to announcements, whereupon the scout machine begins to hunt for another station of interest." Rebroadcasting heard in this way is spread throughout the eastern area with reports coming from listeners scattered from Florida to Maine.

# KOA "MIKES" BLAST IN MOUNTAIN BORE

DENVER STATION'S DARING EXPLOIT MARKS EPOCH

Dynamite Explosion That Opens Moffat Tunnel Heard From Arctic to Tropics

DENVER.—Boom! Crash, clatter—cheers—a voice on the air:

"This is KOA, Denver. The terrific explosion you just heard was a dynamite blast that smashed a hole through the heart of a mountain. If occurred 3,000 feet underground, three miles from day-light and two miles above sea level. It removed the last granite barrier in the marvelous, word famed Moffat tunnel. "Rocks and pebbles are still crumbling and the air is thick with dust. There is danger, but you will be safe, so do not worry. What is above us? We do not know. Cold water, hot water, internal fires, all of these have been considered as possible contingents. But it seems that all is well now and you may congratulate yourself that you have been an ear witness to a great and historical engineering achievement."

unite yourself that you have been an ear witness to a great and historical engineering achievement."

The boom doubtless was heard from from the Arctic circle to the Equator. President Coolidge personally closed the switch in the White House at 8 o'clock in the evening. All had been placed in readiness and he was notified by long distance just when to press down the golden key that would mark an epoch in American history, close a circuit and make the spark to set off the gigantic mine.

When the air had cleared, Governor Adams of Colorado walked through the opening from the east side and greeted Governor Dern of Utah, who entered the bore from the Utah side.

As the governors shook hands, Radio listeners the world over heard the informal greetings exchanged by the two chief executives, discussing the roar that brought their two states 118 miles nearer. "The story of the Moffat tunnel is an epic of empire, brimming with romance," declared Freeman H. Talbot, studio director of the Rocky Mountain station. "And the most fascinating share of that romantic tale will be included in this unique program."

"The tunnel is an engineering feat that

The tunnel is an engineering Feat The tunnel is an engineering feat that does credit to the crews who have worked in the depths of the earth, overcoming nature's forces, risking life itself in order that for the first time in America, the backbone of the Great Continental Divide might be pierced."

The Moffat tunnel, measuring six and one-tenth miles long, will be the highest and the lowest railroad tunnel in America, it will be 9,240 feet above sea level and 2,760 feet under the top of James Peak.

Radio authorities have declared this to be the most daring exploit ever attempted by any broadcaster for its listening public.

# Sings Heart Songs



VERY Monday evening at 6:40 may be heard the plaintive and soul stirring voice of Cantor Aron Kritz (above) at WBBM, Chicago. Born in the Ukraine of Russia, his voice was trained in the school of the cantors. "I do not care if the song is sad or happy, if it means something in my heart I can sing it," he says.

# "Radio Not Worth While"—Edison

'But Good for Those Who Like It," Electrical Wizard Agrees—Chews Plug Tobacco

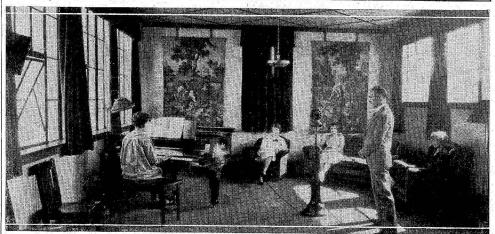
FORT MYERS, Fla .- That Thomas A

FORT MYBRS, Fla.—That Thomas A. Edison has not greatly modified his views concerning the value of Radio is indicated in an interview given a few days ago to Horace A. Dunn of the Fort Myers Chamber of Commerce.

"Despite the fact that the Radio is far from a stage of perfection and is still in the Infancy class, it is a mighty good thing for those who like it," Mr. Edison said. "It is beneficial to the young perple because it is constructive and gives them something to think and read about. "It also tends to keep the young folks at home at night—a mighty hard thing to do in these modern times," he chuckled. At this juncture the inventor bit off a piece of tobacco from his plug and offered the plug to W. F. Grogan, local Radio expert and officer in charge of the Fort Myers Naval Reserve Radio Station.

The Radio of today, the inventor pointed out, is not worth while because of the fact that it does not carry the natural sound. A voice over the Radio does not ring true, he declared, and until the foreign sounds which creep over the air waves are conquered, Radio will never take the place of mechanical devices for the reproduction of voices and music.

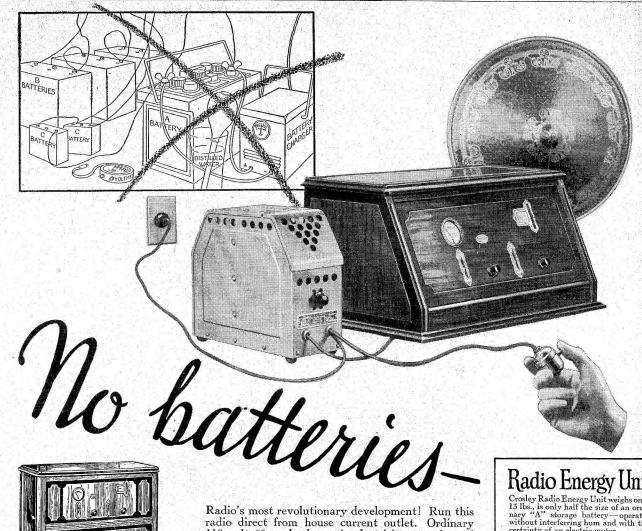
# CULTURE IS KEY NOTE OF KPSN, PASADENA



You are permitted to take a glimpse, in the above picture, of the bright and sunny studio, KPSN, of the Pasadena Star-News, California. This golden atmosphere seems to be reflected in the personnel and character of the KPSN broadcasts. The music and the programs are under the direction of George Prenger. Mr. Frenger voices this sentiment:

"We can always emphasize the beautiful and wholesome and thus influence the listence of the sense that the United States and the world become our community, a community unity arrives through its united activities in music, singing, art appreciates to various races and nations and creeks.

"Radio can do much toward the harmony of the arts. It can be most instrumental, in counteracting all the fads and fancies springing up to dazzle and thill favorites of Southern California and the with thinking hearts we realize the won-



Radio's most revolutionary development! Run this radio direct from house current outlet. Ordinary 110 volt 60 cycle domestic electricity transformed mechanically into smooth, quiet radio A, B and C power as you use it. Radio power supply annoyances ended for all time. A snap of the switch is the only demand radio will make upon you from NOW ON.

No more batteries to fuss with.

No more trickle chargers to watch.

No more keeping something filled with water.

No batteries to renew or recharge.

No upsetting the home to have the radio serviced.

See these wonderful sets at any Crosley dealers, or write Dept. 49 for descriptive literature.

# The Crosley Radio Corporation

Powel Crosley, Jr.,

Cincinnati,

Radio Energy Unit
Crosley Radio Energy Unit weighs only
13 lbs., is only half the size of an ordinary "A" storage battery—operates
without interferring hum and with the
certainty of an electric motor.

# 6 tube AC Receivers for use with Crosley Radio Energy Unit

Crosley radios designed for use with this marvelous power supply are the AC-7, a 6-tube table model at \$70, and the AC-7-C, a 6-tube console at \$95.

Crosley sets are licensed under Armstrong U.S. Patent No. 1,115,149, or under patent ap-plications of Radio Frequency Laboratories, Inc., and other patents issued and pending. Prices slightly higher west of the Rocky Mls.

CROSLEY ULTRA MUSICONE \$9.75

# 70RCH of WOUTH

"CONSCIENCE Is Only a Habit of Thinking," Says
Karl Boescher, "and Law Is But a Convenience." He Laughs
at Garden's "Compunctions" About Crime

VANHOE UNIVERSITY, on the southern shore of Lake Michigan, has been founded to cultivate a new school for the education of educators.

school for the education of educators.

Only' superior students are admitted.

Wanda Nevens and Babe Garden, football hero, are enrolled from Minnesota. Wanda is the leader of a group of free thinking girls who call themselves the Lady Plnks, at first dubbed that because of their alleged Bolishevik tendencies.

Wanda gave an interview to a newspaper in which she said old fashioned ideas about the limitations of love making would have to go and she said there should be no limitations so long as there was sincerity. Her concern has been aroused over the growing influence of a mysterious student by the name of Karl Boescher over Babe. While she has been aroused over the growing influence of a mysterious student by the name of Karl Boescher over Babe. While she has been called to account for her interview by Mathilde Matthews, the dean of women, and the dean has been called to account by President Blake of the university, Babe has been confronted with a proposition to assist Nate Welss, a prosperous bootlegger, to steal a load of alcohol from the university laboratory. He makes an appointment to come back later and bring his friend. He leaves for the fraternity house. Wanda passed him unseen, except by Weiss in his sedan, to meet some of the Pinks at the usual rendezvous in the Sugarbowl, a tea room on Shoreway, the business street of Dunevale.

## CHAPTER III.

"What Does It Matter?"

"What Does It Matter?"

LD JOSEPH GRANT himself came up the stone steps with Dr. Henry Dykeman as the result of an urgent call sent out by President counselors. He was a blunt man, had made his millions out of steel and was the financial cornerstone of Ivanhoe University.

inancial cornerstone of Ivanhoe University,
"Blake is a good man but he takes trifling things too seriously," he said to the distinguished psychologist of whom he was particularly fond, as they strode through the hall to the president's office.
"His particular horror is newspaper type," observed Dykeman. "It's a form of stage fright. The whole pride of his existence is in Ivanhoe. One printed word that reflects on the dignity or prestige of the institution he takes as a personal affront. It burns him like the prick of a hot needle. This girl's freely expressed opinion of her own notions of life, I can well imagine, have just about set him wild."

Old Mr. Grant screwed up his mouth in a way that was chargacteristic when things that had not to do with steel production invaded his well grooved cogitations. They entered the ante-room and were immediately shown into the private office of Alexander Blake.
"Sit down, please, gentlemen," said Mr. "Sit down, please, gentlemen," said Mr.

entered the ante-room and were immediately shown into the private office of Alexander Blake.
"Sit down, please, gentlemen," said Mr. Blake as he came forward in a dazed manner and grasped their hands perfunctorily. "These gentlemen are from the newspapers and I suppose it is scarcely necessary to introduce Mr. Grant and Dr. Dykeman."

essary to introduce Mr. Grant and Dr. Dykeman."
"Hello, Frazer, what the devil you pidding around on this piffic for?" said the financier to one of the reporters. "How are you Hunter? I never did thank you, Miller, for that picture you got of me helping Queen Marie into the car. And to think, after showing her all through the mills at Gary with special escorts and everything she should turn around on her red plush throne back in Roumania and spit at us like a silly eaf! Ha! Ha! Well, we all had a lot of fun out of it, didn't we? I suppose Dykeman here can tell us all about it, the kind of kick we democratic Americans get out of flouncing: these old world royalties around our show-off, places."

Work at the Roosevelt hauguration."
Tut! Tut! I want you to know I bought that hat at Fleld's especially for Marle and it cost me the extravagant sum of \$27, but the folks insisted—and—but what's all this hullabilloo anyway?

"To begin with, Mr. Grant," Hunter got up from his chair and lit a digarette. "These loony students who have been killing themselves off for such reasons as being too tired to live," and Twe seen everything worth while, so what's the use of hanging around?" and 'I'm curious to see what happens after death, so I'll kick off, find out and come back at half past twelve. Thursday and let you know, and stuff like that has stirred the public candy shops or tea rooms."

By GRISWOLD BAER

imagination. Everybody wants to know what's wrong at the schools that there should be such an epidemic of suicides and crime among the students. What's got into them? What are they thinking about? Now this girl, Wanda Nevens, comes along and gives us a lead. It fits in with theories recently advanced by some of our best thinkers concerning the motives for human behavior.

"Mr. Blake seems terribly worried about it. There really isn't much more to it right now unless we can get this girl to come through with some more of her theories and he tells us he can't find her.

Wanda had turned at the corner after passing Babe Garden while he was engaged in an important conversation with Nate Weiss, the bootlegger. She had proceeded at once to the Sugarbowl, one of the show places of the town. It was a three story structure in the shape of an old fashloned sugar bowl. The facing was white terracotta and Delft blue. The entrance seemed to be through a triangular break in the old bowl.

For a moment she stood in the entrance scanning across the dimly lighted room with the coxily crude old fashioned Dutch hand made benches, tables and chairs. The service came from a central fountain and circular counter. Girls in Dutch caps and aprons waited on the tables and there were quaint Dutch paintings hung about the octagonal walls. A winding stair case ascended to a balcony around which were little private booths and these were served by way of narrow bridges to the center of the big bowl.

little private booths and these were served by way of narrow bridges to the center of the big bowl.

"There she is! There she is! Hurry, come on up, Little Corp!" Half a dozen girls with pink stik skull caps were lean-ing over the narrow balcony rail and waving to her. She quickly ascended the stairs and was escorted to a seat of honor in one of the booths.

stairs and was escorted to a scat of inonor in one of the booths.

"Ook! How do you like our Bolshi Pink caps?" asked Dorothy Von-Roesh, a pretty little sophomore whose smilling brown eyes always contradicted the serious expression of her lips. "But you really won't dare wear them out. Let me see one. Where did you get them? I want one too." Wanda eagerly removed Dorothy's cap to examine it. "We made them ourselves," laughed Dorothy. "Stella is making one for you with a special insignia for yur rank as the Little Corporal. And, why, I'd like to know, shouldn't we wear them outside? Aren't we the Pinks whose motto is, 'Be yourself at all times?"

"Where is Stella?" demanded Katherine Lyons, daughter of a wealthy New York manufacturer who had finished two brillant years at an exclusive girl's school. Katherine was fair and, next to Wanda, was Stella's dearest companion.

"I did not go up to the room, because I thought she would be here. Maybe something is wrong—"

"There was a call for you just a few minutes before you came in."

"Trouble; I'll bet she is stalling them off from me. I just came from the dean's office and some big council was on in Blake's sanctum, directors and everything. Really, I'm almost seared. Somebody said they had sent for Old Uncle Joe Grant—and all on account of Little Me. Miss Matthews warned me not to leave the campus. Reporters are up there stepping on each other's feet to talk to me. We Pinks are important, if you please. But let's order. Stella will be here pretty soon. I'm not going to call up and get into a trap."

A ND while Wanda enlightened her excited "comrades" concerning her experiences of the morning, Babe Garden had felt a revulsion toward the pro-Garden had felt a revulsion toward the proposal of Nate Weiss as a way out of his difficulties. Every step added lead to the soles of his shoes and when he entered the fraternity house his chin was in his neck and he sat down at the little side table in the alcove without answering the cheery greetings of the brothers. The little table for two was provided for just such occasions, when two men had matters of confidence between each other to discuss.

wmbb antenna.

The table for two was provided for just such occasions, when two men had matters of confidence between each other to discuss.

Karl Boescher almost glided into the room. He looked somewhat ponderous, but he was agile. His naturally fair skin had a slightly vellowish tinge and his light hair was dry and receding from both sides of his builging forchead. The inevitable heavy rimmed glasses circled his large, blue eyes. His blue cheviot suit, although obviously of good material and made to measure, looked baggy and slack. He stood looking down at the bowed head of the football man, a smile of half contempt on his broad face.

"It wish I knew as much about putting into effect practical psychology as old Joseph Grant," he said.

Diana avenue flanks Shoreway in the modern little city of Dunevalle. One block over and you are on the beautiful crescent drive that looks down on the lake. There isn't a building over five years old in the corporate limits and the code is very strict.

"It was fine day for suicide, and suicide is all the rage, you know," he said in a deep, velyety voice. "Have you anything if the strip in the was sufficiently separated from the ham a single to the room of his head toward the seat opposite their main dining table so that they would not be overheard.

"I have some very effective poisons that of continued on page 22)





# Radio Digest

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Vol. XXI

April 15, 1927

# Lest We Forget

Lest We Forget

BEFORE the Attorney General's decision last
July, when wave lengths were wave lengths
and were given out by the Department of Commerce, we find the Westinghouse Company romping
around on three of the eight exclusive wave channels.
KDKA, Pittsburgh, with 1,000 watts of power, was
then on the exclusive wave length of 309.1 meters970 kilocycles. The fact that station WCAE of the
Pittsburgh Press, one of the strongest links in the
powerful Scripps-Howard chain of newspapers, was
one out of eight enjoying an exclusive wave length of
461.3 meters-650 kilocycles may have no bearing on
the subject in hand. We find that the Department of
Commerce accommodated WBZ, Springfield, Massachusetts, station of the Westinghouse Company, with
a de luxe private wave length of 333.1 meters-900
kilocycles and the General Electric's station KOA at
Denver with a private boudoir wave of 322.4 meters-

chusetts, station of the Westinghouse Company, with a de luxe private wave length of 333.1 meters-900 kilocycles and the General Electric's station KOA at Denver with a private boudoir wave of 322.4 meters-930 kilocycles.

The Houston Post, Houston, Texas, romped home with the exclusive channel of 296.9 meters-1010 kilocycles. Of course it wasn't a very favorable airway passage and anyway it was only a 750 watt station and probably escaped notice with the other two. The popular Northwest station, WCCO, Minneapolis, won the eighth prize of exclusiveness on 416.4 meters-720 kilocycles with 5,000 watts. It can be said to the credit of KOA that it was unselfish enough to separate itself for several hours on Thursday evening each week in favor of WJAZ, Chicago, a station wandering around without an aerial outlet. This unexpected kindness on the part of one of the members of the Big Four may have turned the mind of the owner of WJAZ—thus sending him into a life of piracy and ripping the broadcasting ship wide open.

KYW at Chicago was not as fortunate as its sister stations and had to divide time with the college station WHA at Madison, Wisconsin, on the choice band of 535.4 meters-560 kilocycles. WHA was silent with 18750 watts four nights a week and only three nights spread cheer to the world between the hours of nine and ten in the evening. One of these nights was Monday—silent night in Chicago. WEAF, the jewel of the crown, divided honors with KGW, Portland, Oregon, on 491.5 meters-610 kilocycles with the Seattle stations KFOA and KTW. Reverse English in coast courtesies was shown by the General Electric's station KGO traveling on the same highway of 361.2 meters-830 kilocycles with WHN and WQAO, New York City. Hastings, Nebraska, had KFKX on 288.3 meters-1,040 kilocycles with WHAZ, which was only on the air one night a week, on 379.5 meters-790 kilocycles.

only on the air one night a week, on 379.5 meters790 kilocycles.

By authority of the Department of Commerce last
July and prior, nine of the Big Four stations practically monopolized more than 10 per cent of the
available wave channels. Five hundred and twentytwo independent stations were piled up on each other
in the balance of the wave bands. Popular stations
like WMAQ and WQJ were dividing time on one
wave length. The two stations in St. Louis, KSD and
KFUO split on one wave channel. Touhy of the Red
Apple Club of WCX Detroit, gave way to Leo Fitzpatrick of WJR. And down on the lower wave bands
some of the berths were overcrowded with air passengers—twenty-five snoring in berth 275.1 meters—
eleven 500 watters, one heavy at 5,000 watts, one
welter weight at a 1,000 and twelve light weights.
Now there are 724 worthy independent stations.
Will the Radio Commission on the new deal give the
nine stations of the Big Four ten per cent of the
available wave lengths?

Will the public or the Big Four Be Served?

# RADIO INDI-GEST

# Dial Fighting

"Ah ha!" the listener shouted
As he staggered to the set;
His hair was wild and clouted,
His brow was wet with sweat.
"Ah ha!" he cried defiant As he gripped the rugged knob: 'Twas David killed the Giant, And I'll get you, too, you slob."

But the speaker nearly killed him
As he fought around the dial;
It filled him and it chilled him
(You could hear it for a mile),
And it craunched him to the bone,
He could hear ten thousand stations
But not one came in alone—
They summoned his relations.

Yes, they found him there next morning,
The knob gripped in his fist,
His frozen lips were scorning—
He had craved for one more twist.
Just another hapless victim
Who had struggled through the night,
But the heterodyning nicked him:
Oh Commission, IS IT RIGHT?

Inhilum.

# "Balkite" or "Balke?"

It was not the Brunswick-Balke-Collender hour, and yet, you might call it that, according to a letter to WCCO that was published in their "Air Line." It

"I enjoyed the Balkite hour so much this evening. Mr. Damrosch is such a fine singer. Am so glad that broadcasting stations all over the country are favoring Grand Opera and Classical Music almost entirely, because I like all those other Grand Opera singers but have a preference for Mr. Damrosch because he sings in English. And the classical music is so appealing. Grandmother the classical music is so appealing. Grandmother and I do not fully through it all every evening and I do not fully through it all every evening down for a game of pool."

NuRseRiE riMeS. \$5 or six MIPPETY HOPP two THEE BATHER SHOPPE, Too here Sweet Adelins; Too here Sweet Adelins; Sow Tune in Your Set foak thee Barber Shoppe QUARRIE of the Barber Shoppe And mable it will come in Fine.

Old King Tutt. Hiz-self.

# The "A" of Our "Q & A"

The "A" of Our "Q & A"

Dear Indi.—In answer to your recent Q&A, "What
makes the March Hare mad?"—I hasten to assure you it
was a one tube gink with 45 volts on his detector who
lived on the same block. His radiation, aided and
abetted by the usual static and the infernal Radio
blanket that we have down here prevents hearing all
stations above the Mason and Dixon well known line.
That's what makes the March Hare mad, believe me,
and you can exchange the Chinese Boxer gloves for a
celluloid flatiron or a sheet iron hot water bag.—H. F.
Brown, Chattanooga, Tenn.

# YOU TELL 'EM, FRANK

Now, here is appreciation that flows from a big hearted Montana Homesteader by the name of Frank M.

Here's to KFNF, the Henry Field Station, Say what they please, it's the best in the Nation— They may kick and cuss Henry all over the lot, But, bet your sweet life, they like what he's got.

They blame him for this, they blame him for that,
They sneer at his tires and his fireside chat;
But this is the funniest part of it all—
They're all listening in, though it's wormwood and
gall.

And I'm telling you now, those folks who are saying Henry plans sales, e'en while he is praying Will be down on their knees, the first ones to yell For Henry to pray them plumb quick out of hell.

## Ju-u-hust a S-o-o-hng!

When thee mor-hoon is mi-hild-ly be-alming
O'er thee ca-halm and si-hi-lent se-e-e,
Its ra-dynace so-hotfly stre-heam-ing,
Oh! the-hen, Oh! the-hen,
I thee-hink
Hof thee-hee,
I thee-hink
I thee-he-he-he-he-hink hof thee-e-e-e-e!

After the above is finished I kick the cat out, wind the alarm clock, whistle for the dog, throw the radie set in the furnace and go lay me down to sleep, but instead have night-maree-ce-e-e-e the re-e-e-est ho-ho-hof the-e-e- ni-hi-hi-t.

April showers, boots and knickers, Rubber hats and painted slickers! -INDI

LOTSA PAYNE.

# A Crowded Wave-Train



# Condensed BY DIELECTRIC

BY DIELECTRIC

THE final of the season's concerts sponsored by the Victor Company has come and gone, leaving behind a pleasant recollection of a program offering talent of extra high order and grateful diversity. These concerts established a precedent last year from which there has been no backsliding—rather an effort at improvement. Our good friend (to the Radio audience) Reinald Werrenrath sang "Duna" in his accustomed manner, which is equivalent to saying it was sung as few baritones render it, along with other numbers of merit. With possibly an exception or two, no baritone appearing before any mike sings with so uniformly good intonation and tone production throughout his range as does Werrenrath. It is undoubtedly true that in his repertoire there are selections of equal attraction to any sung that evening, yet the fact remains of his obligation to sing those songs for which records have been made. Mme. D'Alvarez possesses a contralto voice with very few imperfections, singing with expression and musicianship compositions portraying varied emotion. There is a peculiar quality to Mme. Jeritza's tones which make one think of the sparkle of a diamond—not too hard, though brilliant. Her singing of "The Erl King" lacked the poignant tragedy of a Bispham or a Schumann-Heink while retaining an excellent diction. So gracing a farewell to her unseen audience should spare any reference to her English.

We listened to another of the Atwater Kent programs in which a single artist was featured, Mr. Martinelli. However effective this great tenor is in operatic performances, it would seem that a whole program's dependence upon his singing was insufficient. There can be no question of the balance or pleasing nature of his program, yet there is secure basis for stating that his tones are without especial beauty and that too frequently they lacked complete support. Nervouspess may have contributed to the beauty and that too frequently they lacked complete support. Nervousness may have contributed to the latter difficulty, but not entirely, for such unpleasant tonal production is evident when no mike is present. In the course of this particular program the concert orchestra took on a prominence it almost never secures in such features. Naturally, listeners do not expect a group of highly paid artists to appear on each successive program, though they do hope for more than a single "star" in order that the program be saved any monotony.

Station KDKA, Pittsburgh, presents a feature which should find a cosmospolitan hearing, its "musical hour." After listening to hours upon hours of broadcasting that medium for Paul Whiteman's commercial benefit, or being bored with lectures upon subjects so comprehensive as religion and chickens, we like to sit back comfortably to enjoy—really enjoy—a session before the speaker. Such a period is this music hour from KDKA. The selections are not taxing either to nerves or tired brains; they soothe and afford rest with pleasure. Try them.

Those able to listen in to a special program by the National Broadcasters, the manufacturers' banquet in New York, not only had very good talent to entertain them but a feature quite unique. It was finally announced that a surprise was to be presented in the form of a vocal duet with Milton Cross and Graham MacNamee, who sam "Oh. That We Two Were Maying." Both of these well known announcers are musicians of considerable ability, even if their appearances are usually heralded as directors of the "next feature." Incidentally, Milton's tenor and Graham's baritone are of about the same shade, giving a blending entirely harmonious.



"How many of you folks know what Mr. Junkin went out and commandeered a really looks like?" asked Director George to the KMOX station in the suburbs. Junkin of his studio staff at KMOX, St. Picture shows Mr. Junkin (center) and Kmoxters listening to tests in the station.

# The Reader's View

Tikes Editorial on Chain

The writer has just read with interest the editorial in your April 1st issue headed. "One Wave for the Chain." Were you to ask for comments from readers of your magazine there isn't any doubt but that you would receive thousands of letters indorsing your attitude on this subject. The writer, who is just an average listener, dislikes very much to have certain programs thrust upon him at a number of points on the dals. I have in the past turned off my Radio in diegust because so many stations on the same chain use the same wave length. Here's hoping the new Radio commission will see the wisdom of this.—Charles F. Borkenhagen, Kenosha, Wis.

use the same wave length. Here's hoping the new Radio commission will see the wisdom of this.—Charles F. Borkenhagen, Kenosha, Wis.

Objects to Our Chain Criticism
We were astonished to read your editorial in the first April issue of Radio Digest. The broadcasting of good music control of the control of t

other station to fall back on.—A 10-Hour-Day Fan, Mingo Jet., O.

Fower companies are not always indifferent toward the troubles of a Radio listener. I was troubled for some time with an unearthly noise which sounded like an overworked rock crusher in distress, and, after testing all of my own apparatus without finding the difficulty. I appealed to the Detroit Edison company and the Department of Street Railways. Within an hour two men were at my home making a preliminary survey. Three others came out afterward and the two companies co-operated on the job. By means of a portable set and pulling the switches in the near-by houses, they traced the source of the noise to a defective Heating pad. Then they even took it upon themselves to suggest tactfully to the owner to replace the pad or stop using it. They tell me at the Department of Street Railways that they break even in a year's time, through the discovery of Street Railways that they break even in a year's time, through the discovery of power leaks,—W. T. Mithoff, 15429 Petoskey ave., Detroit, Mich.

You may talk about your broadcasting of the seed peddlers and all of these old

time programs, but I haven't seen anything in any of your Digest about where you criticized the auction bridge or where you have said anything whether or not one was compelled to listen to jess or not, the whole dia haven he wants to or not, the whole dia haven he wants to or not, the whole dia haven he wants to are all one-sided to criticize our Western stations.—M. Parker, Lebanon, S. Dak, French Trawlers Interfere

We are suffering interference from ships down here. The worst offenders are the French trawlers off the coast on the fishing banks. We do suffer some from Western Union offices and the violet ray machines. The code particularly annoys our reception from WJZ. It slimply rips through and if it is possible for Radio Eurough and if it is possible for Radio certainly win the appliance of our you will certainly win the appliance of our you will certainly win the appliance of our you will certainly win the Amas Dielectric

down here.—W. O. Lovelace, Liverpool, N. S.

Maybe He Means Dielectric

Isn't it rather laughable how the venerable Radio Digest has changed in the last two years? Time was, not so long ago, when this publication was harpooning the American Telephone and Telegraph company, Radio Corporation of America, Station WEAF et al. But now with its 'holler than thou' attitude it is falling all over itself in praise of these same stations and corporations. As to the advertising I think Shenandoah products are more of a necessity than Cliquot Club Ginger Ale and chewing gum and candy.—B. Olson, 2021 E. Main st., Emmetsburg, Ia.

One Friend Anyway

necessity than Cliquot Club Ginger Ale and chewing gum and candy.—E. Olson, 2021 E. Main st., Emmetsburg, Ia.

One Priend Anyway

Last November I found Radio Digest in a "clubbing list" and immediately sent in the price expecting a little leaflet, Judge of my surprise when Radio Digest came and we found it an invaluable booklet, a real magazine. I am 8' years old and confined at home, and with our new six tube mons and many things over the air that lift us to a higher plane. We are able to find the best through reading your magazine and I shall certainly renew my subscription when the present term expires.

—Mrs. L. R. Gott, R. 6, Viroqua, Wis.

Put Advertisers in Special Zone

If we must have direct advertising, why not put all stations of this class in a wave length zone by themselves? In this way they would not interfere with other programs, nor would other programs interfere with them. A Radio fan tuning into the reserve zone would know what to expect and probably would get both ears full.—Ed. L. Richardson, Editor and Publisher, of the Adair News, Adair, Ia.

Nominates Boss Erbstein

I want to vote for Charles Erbstein for the Gold Cup. In case I should prefer to hold my hallots to give my favorite the maximum number of votes can I, if I secure and publisher, of the Adair News, Adair, Ia.

Vominates Boss Brystein

I want to vote for Charles Erbstein for the Gold Cup. In case I should prefer to hold my hallots to give my favorite the maximum number of votes can I, if I secure and publisher, of the Adair News, Adair, Ia.

Vominates Hoss Erbstein is nominated: It's only necessary to send in the name. The original plan for nominations was changed.

WGN Comes Mighty Strong

Please give us WGN, and without in-

It's only necessary to sene in the managed.

WGN Comes Mighty Strong
Please give us WGN, and without interference. They come in as strong as horseradish, and put on programs worth hearing. We say "More power to WGN."

J. M. Askert, Balleyville, Texas.

Agrees With Harold Herron, I agree entirely with Harold Herron, Pontiac, III., when he says that all stations of less than one-half kilocycle should be depleted or at least not permitted to broadcast between the hours of 7 and 10:30 p. m. Make stations in one community use fewer waves and divide more time. Look at Chicago, broadcasting on nearly every point of the dial. Hope the Radio commission sees this.—Graham Jones, Webb City, Mo.

Keep Some Going All Time

it upon themselves to suggest tactfully to the owner to replace the pad or stop using it. They tell me at the Department of Street Rallways that they break even in a year's time, through the discovery of power leaks.—W. T. Mithoff, 15429 Petoskey ave, Detroit, Mich.

Look Again, Mr. Parker

You may talk about your broadcasting of the seed peddlers and all of these old

# THE LATEST IN RADIO ACCESSORIES

Amrad Mershon Condensers

THE Mershon Condenser, illustrated herewith, is not a new product in any sense of the word as it has been extensively used by expert Radio amateurs. for more than three years for filter purposes in smoothing plate supply current for transmitting equipment. A mrad ploneer broadcasting station WGI, has been

MPRISHON ELECTRIC CONTRACT

pioneer broadcasting station WGI, has been equipped with a bank of Mershons since its

mearly days.

The important uses for Mershon electrical condensers, greatly extended since the increased popularity of A and B power units, may be briefly summarized as follows:

I. Connection to any B eliminator for improving tone quality of reproduction and absolutely eliminating any 60-cycle hum.

For preventing "thumping" or "motor ing" of B eliminators.

3. As a basic unit of capacity in building a super B eliminator.

4. For constructing a combined A and B power unit.

5. For greatly prolonging the useful life of ordinary dry B batteries. Among the advantages claimed for the high capacity Mershons are these:

1. Require no attention; no water to add and nothing to deteriorate as there is no chemical action taking place after manu-

and nothing to deteriorate as there is no chemical action taking place after manufacture.

2. Self-healing so not permanently injured by excess voltage.

3. Has an automatic leakage factor which, combined with its enormous capacity, perfectly filters hum.

4. Requires far less space than paper condensers of equivalent capacity and dielectric strength.

5. Contains no poisonous or harmful liquid.

6. No breakdowns after long use as there is no fatigue of dielectric.

7. All Mershons withstand a uniform high voltage as dielectric is not subject to variation in thickness or dielectric strength.

8. Allows design of filter circuits in sombined A and B, or simple B eliminators with manufacture. The resulting advantage is of great practical importance. Should an open circuit occur, the voltage, built up is low and quickly and safely absorved by the very large capacity of the Mershon. This removes the trouble of broken down condensers in filter circuits of eliminators and protects the broadcast receiver against breakdowns of insulation or puncturing of other parts. Mershon is made in two capacity arrangements by Amrad, Medford Hillside, Mass, Model 5-0 is a single condenser of 60 mfd. Model D-15-30 is two 15 mfd condensers in one unit. Mershons rate 300 volts DC.

Centralab Has New Amplifier

Centralab Has New Amplifier
The latest addition to the Centrals line, manufactured by the Central Radio Laboratories, Milwaukee, Wis., is the Tone Amplifier which adds an extra stage of amplification, using the CX171 power tube, to any set. It gives immediate increase in volume on all stations and full rounded tones that seem to move the Radio artists 'right in your home. The speaker is protected by a tone filter, and the volume is controlled from a whisper to maximum by a single knob. It is to maximum by a single knob. It is quickly attached to any set without tools alterations



The new power tubes CX371 have made possible power amplification to every Radio set owner at moderate cost, because they operate from the ordinary 6-volt "A" battery and at plate voltages within the range of the average "B" eliminator or of dry cell batteries. These tubes give their maximum output at 180 volts "B" battery pressure, but prove entirely satisfactory at 135 volts when used with proper "C" bias. At that voltage they have a much greater power out-

put than the UX112 semi-power tube frequently recommended for the newer re-ceivers, making possible much better tone when properly hen properly used. The power tube itself, however, amplifies

only three times as compared to eight times for the standard UX201-A tube, another reason why it must be used as an extra stage of amplification to insure

another reason why it must be used as an extra stage of amplification to insure satisfactory tone and volume.

Reservoir of Power Necessary

A large reservoir of power must be instantly available to insure equal amplification of all tones at loud speaker volume. It is estimated that 24 times more power is needed to reproduce a low note than a high note of equal intensity. This extra power is not available in the average Radio set, because neither the last tube or transformer will pass this current without overloading. When power is added as an extra stage, however, the volume output of the set itself can be kept below the saturation point of these parts just as it is when head phones are used, while the power stage supplies the extra kick needed to operate the loud speaker with plenty of volume.

The Centralab Tone Amplifier supplies the reservoir of power necessary to any set and is an attractive addition to any set.

**New Balkite Combination** 

New Balkite Combination
The Fansteel Products Company, Inc.,
North Chicago, Ill., recently have added
to their complete line of power units, a
Combination Radio Unit, which is shown
in the accompanying illustration. When
this unit is connected to your A Battery
and set, it supplies automatic power to
both A and B circuits, and is automatically controlled by the set filament
switch. It is composed of a trickle charger



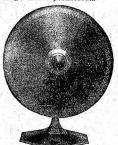
in connection with a B power supply, compactly assembled in a neat and attractive case. It will serve any set now using either 4 or 6 volt A batteries and requiring up to 30 milliamperes at 15 volts of B current or any set using up to 8 tubes including the power tubes.

Like all Balkite Radio Power Units it

has no tubes, nothing to replace or renew, and is built to conform with the standard of the Underwriters Laboratories.

Utah Free Edge Cone

THE most popular speaker, in the rather popular Utah line of horn and cone type loud speakers, has been learned to be the free edge cone. This style of Utah reproducer stands 17½ inches high and is priced in the range of the average man's pocketbook.



As shown herewith, the free edge cone Utah is an artistic addition to any parlor. Its technical design, also, is correct and the speaker brings out all the high and low notes broadcast by any station without distortion, drum or rattle.

It is made by the Utah Radio Products Co., who are already established in the public mind as builders of the Utah unit, found in so many consoles built by the furniture makers.

# Radiophone Broadcasting Stations

Corrected Every Issue-Part II-April 15, 1927

NE DOLLAR will be paid to the Radio fan reader of Radio Digest submitting the most errors in any one station's 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) (Note—The second part of the schedule list appears below?)

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(Note—The schedule list appears below.)

(Note—The schedule list app (Note-The second part of the schedule list appears kGEY, Denver, Colo. 204m-1470kc. 15 watts. J. W Dietz.

KMED, Medford, Ore. 250m-1199ke. 50 watts. W. KMIC, Inglewood, Calif. 387m-774.7ke. 500 watts. KMIC, Inglewood, Calif. 387m-774.7ke. 500 watts. I. R. Fouch. KMI, Presno. Calif. 234.2m-1280ke. 50 watts. Fresno. 2715-915 pm. Fracific. R. Brass. Mon. Wed. Fri. 515-915 pm. Archive. Rev. 228.9m-130ke. 1,000 watts. M. M., Johnson Co. Daily ex Sun. 8 am. KMMJ. Teacher. 228.9m-1200ke. 500 watts. KMM, Inc. Announcer, Carl E. Haymond. Mon. Wed. Fri. 6-7 pm. popular program 9-10, artist's KMO, Inc. Announcer, Carl E. Haymond. Mon. Wed. Fri. 6-7 pm. popular program 9-10, artist's KMO, St. Louis. Mo. 280.2m-1070kc. 5000 watts. KThe Voice of St. Louis. Announcer, Cerbrer Junkin. Daily ex Sun. 8-20 am. 1240, musicaler 11:15. KThe Voice of St. Louis. Announcer, Cerbrer Junkin. Daily ex Sun. 8-20 am. 1240, musicaler 11:15. KThe Voice of St. Louis. Announcer, Cerbrer Junkin. Daily ex Sun. 8-20 am. 1240, musicaler 11:15. KMTR. Los Angeles. Calif. 370.2m-810kc. 500 watts. Lor. Angeles. Calif. 338-1660kc. 1000 watts. Keiruff & Ravenscroft Co. KNX. Hollywood, Calif. 338-1660kc. 1000 watts. Keiruff & Ravenscroft Co. KNX. Hollywood, Calif. 338-160kc. 500 watts. Lor. Angeles. Daily ex Sun. 12-13 pm. book talk; 2-4, 4:55. markets; 5th. St. 5t KQFJ, Lop Agnelan, Gill. 258m-13786c. 100 watts.
KQFK, Hallock, Minn. 258m-1338c. 100 watts.
KQFK, Trindland, Coll. 258m-13818c. 50 watts.
KQFK, Trindland, Coll. 258m-1380c. 15 watts.
KGPK, Trindland, Coll. 258m-1480c. 15 watts.
KGPK, Trindland, Coll. 450m-450c. 15 watts.
KGPK, Trindland, Coll. 258m-1496c. 15 watts.
KGPK, Trindland, Coll. 258m-1496c. 15 watts.
KGO, Chaland, Calif. 500.ns. 250c. 504 watts.
KGO, Chaland, Calif. 500.ns. 250c. 505 watts.
KGO, San Antonio, Texas. 315m-551.86c. 50 watts.
KGRA, Anantiol. Fears. 250m-1290c. 100 watts.
KGRA, Januallo, Fears. 250m-12

mm. music. Tues. Sat. 9.12 midis th. Thomas. 8-26.3 pm. Sat. 9-12, dance. Sun. 9.130-10.30 am. music. Full pm. Sat. 9-12, dance. Sun. 9.130-10.30 am. music. WM2 m. 5-6 pm. 7.30-9. Central. Charles of the control of t

WAAM, Newark, N. J. 263m-1140kc. 500 watts. I. A. Belson Company Announces. D. Franklin Scott. H. B. Belson Company Announces. D. Franklin Scott. H. B. Belson Company Announces. D. Franklin Scott. J. Belson Company Announces. December 1989.
When J. Belson E. Belson E. Belson J. Belson J. The Voice at the Gate M. Belson State. Daily ex Sun. 6-12 mid. Mon. 6-3 am. Slozan, The Voice at the Gate Company Company of the Company Fri, 7:30-9:30 pm. Sun, 10-12 n, 2-4:30 pm. 7-9. Eastern. WBBW, Norfolk, Va. 222.1m-1350kc. 50 watts. Ruff-ner Junior High School. Announcer, Lee M. Kline-Mon, 7:30-33 pm. Ph. School You'd Like to Go To. WBBY, Charleston. The School You'd Like to Go To. WBBY, Charleston. The School You'd Like to Go To. WBBY, Charleston. The School You'd Charleston. Washington Light Infantry. Slogan, Scaport of the Scutheast.

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

Call	Location	Met.	Kc.	Saturday	Sunday	Monday	Tuesday	Wed.	Thursday	Friday	1
CFCA CFCN CJCA CKAC CKCL CKCN CKY CNRO CYH CYJ	Calgary Edmonton Montreal Toronto Toronto Winnipeg Ottawa Monterey	356.9 434.5 516.9 410.7 356.9 356.9 384.4 434.5 311	840 780 690 964	Silent 12:00- 2:00 11:00- 1:00 7:15-12:00 7:00- 8:00 9:00-10:00 8:30-11:30 7:30-12:30 Silent 10:00-11:00	7:00- 9:15 Silent 9:30-10:30 2:45- 5:45 3:00- 4:50 Silent 7:00-10:00 Silent 10:30-12:00 Silent	6:15- 8:15 Silent 9:30-11:30 Silent Silent 8:00- 9:00 8:30-12:00 Silent Silent 10:00-11:00	Silent Silent Silent		6:25- 9:30 10:30-11:00 11:00- 1:00 8:30- 9:30 7:00- 7:55 Silent 8:30-10:00 Silent 10:00-11:00	Silent Silent 10:00- 1:00 Silent Silent Silent Silent Silent 10:30-11:30	
KDKA KFAB KFDM KFH KFJF KFKX KFNF KFOA KFOA	Los Angeles. Okla. City. Hastings. Shenandoah Seattle. Long Beach:	340.7 315.6 267.7 467 260.7 288.3 461.3 454.3 232.4	970 880 950 1120 642 1150 1040 650 660 1290	6:00- 9:55 6:30-11:00 Silent 8:30- 9:30 9:30- 3:00 8:15- 3:00 Silent 8:00- 1:00 11:30-12:30 9:00- 3:00	6:30-10:30 10:00-11:30 9:00-10:00 8:00- 9:00 9:00- 1:00 2:30-10:00 Silent 7:30- 9:30 Silent 9:00- 3:00	9:00- 3:00	6:00-12:35 6:30-11:30 9:00-11:00 8:30- 9:30 9:15- 2:00 8:15- 9:30 6:15- 7:15 8:00-10:00 11:00- 2:00 9:00- 3:00	6:00-11:00 6:30-11:30 Silent 8:30- 9:30 9:15- 2:00 8:15- 9:30 6:15- 7:15 8:00- 1:00 9:00-11:00 9:00-3:00	6:00-10:00 Silent Silent 8:30- 9:30 9:15- 2:00 8:15- 9:30 6:15-11:00 8:00- 9:00 9:30- 2:30 9:00- 3:00	6:00-12:00 6:30- 2:00 9:00-11:00 8:30- 9:30 9:15- 2:00 8:15- 9:30 8:15-11:00 8:00- 9:00 9:45- 3:00 9:00- 4:00	
KFRU KFSD KFWO KFWB KFWI KGO KGW KHJ KIAF KJR	St. Louis	252 249.9 361.2	600 1220 550 1190 1200 830 610 740 709 780	Silent 7:00- 1:00 8:15- 9:15 11:00- 2:00 11:00- 3:00 11:15- 4:00 9:00- 3:00 9:30- 1:00 Silent 9:00- 3:00	Silent 3:90-10:00 10:15-11:15 12:90- 2:00 10:50-12:00 9:30- 1:00 10:30- 1:00 10:00- 1:00 3:00- 4:00 10:15- 1:45	7:15- 8:15 7:00-10:00 9:00-10:00 9:00- 3:00 9:00- 3:00 9:00- 3:00 9:00- 9:55 9:00- 3:00 Silent 8:00- 9:00 9:00- 1:00	7:15-8:15 7:00-10:00 7:30-8:30 10:00-2:00 9:00-3:00 9:00-3:00 9:00-3:00 11:00-2:00 Silent 9:00 1:-00	Silent 7:00-10:00 10:30-11:30 10:30- 2:00 9:00- 3:00 9:00- 1:00 9:00- 1:00 11:00- 2:00 8:00- 9:00 9:00- 1:00	7:15- 1:00 7:00-10:00 Silent 11:00- 2:00 9:00- 3:00 11:00- 3:00 9:00- 3:00 9:30- 2:00 Silent 9:00- 1:00	7:15- 8:15 7:00-10:00 8:15- 9:15 10:00- 2:00 9:00- 3:00 9:00-3:00 9:30- 2:00 8:00- 9:00 9:00- 1:00	
KLDS KLX KLZ KMA KMMJ KMOX KNX KOA KOIL KOIN KOMO	Independ Oakland Denver Shenandoah Clay Center. St. Louis Hollywood Denver Council Blfs Portland.	440.9 508.2 384.4 461.3 229 280.2	1310 1070 890	9:00-10:00 Silent 9:45-11:07 10:00-12:00 9:00-10:00 7:00- 2:00 10:00- 3:00 12:15- 1:15 8:30- 1:00 9:00- 4:00 9:00- 3:00	5:00- 7:00	Silent 10:00- 1:00 9:45- 2:00 10:00-12:00 9:00-10:00 7:00- 2:00 10:00- 2:00 9:30-11:15 7:03- 1:00 9:00- 1:00 9:00- 3:30		Silent 9:30- 1:00 9-45:11:00 10:00-12:00 Silent 7:00- 2:00 10:00- 3:00 8:30-1:15 Silent 9:00- 1:00 9:00- 3:30	9:00-10:00 Silent 10:00- 3:00	Silent 10:00- 1:30 8:30-11:00 10:00-12:00 9:00-10:00 7:00- 2:00 10:00- 3:00 8:00-11:15 8:00- 1:00 9:00 - 1:00 9:00 - 3:30	L. M. SO
KPO KPRC KPSN KSBA KSL KSO KTAB KTHS KUOA	San Fran Houston Pasadena Shreveport Salt Lake	428.3 296.9 315.6 260.7 299.8	700 1010 950 1150 1000	9:15- 2:00 8:30- 1:00 11:00-12:00 7:00-11:00 10:00- 1:00	9:00- 3:00 8:50-11:30 9:00-10:00 9:00-10:00 9:30-12:00 Silent 10:45-12:15 10:00-11:30	9:15- 3:00 8:30- 1:00 11:00-12:15 7:00-10:00 9:00- 1:00	9:15- 3:00 8:30-10:30 11:00-12:15 7:00-10:00 9:00-12:30 8:30-10:00 11:00-12:00 9:00-10:00 8:00-2:00	9:15- 2:00 8:30-10:30 Silent 7:00-10:00	9:15- 2:00 8:30- 1:00 11:00-12:15 7:00- 8:00 9:30- 1:00 8:30-10:00	9:15- 2:00 Silent 11:00-12:15 7:00-10:00 9:30-12:00 8:30-10:00 11:00- 1:00 10:00-12:00 Silent 8:00- 3:00	ri Co gi ch F W
KWCR KWKH KWSC KYA KYW NAA PWX WADC WAAM WABC	Cedar Rapd. Kennonw'd. Pullman. San Fran. Chicago. Radio. Hayana.	278 312.6 348.6 399.8 535.4 434.5	1080 969 860 750 560 560 750 1160	Silent	10:30-11:30 8:00- 1:00 Silent 10:30-11:30 5:00-12:00		Silent	10:00-11:00 8:00- 1:00 10:30-12:00 9:30- 2:00 7:30-12:55 7:25- 8:40 8:30-10:00 7:15- 8:15 6:00-11:00 7:30-11:30	Silent 8:00- 1:00	10:00-11:00 8:00-1:00 10:30-12:00 11:00-2:00 7:30-12:55 7:45-8:00	be point do
WAIU WAME WASH WBAL WBAP WBBM WBBR WBCN WBCN WCAE	Columbus Minneapolis Grnd. Rapds Baltimore Fort Worth Chicago	246 475.9 226 416.4	1230 1170 1220 630 1330	10:00-11:00 8:30- 9:30 8:00- 9:00 Silent 8:30-12:00 9:00- 3:00 8:00-10:00 6:00-11:00 6:00-12:00	7:20-8:20 7:00-10:15 Silent 6:30-7:30 10:30-12:00 5:00-2:00 9:00-10:15 5:00-10:15 5:30-10:30 3:00-11:15	6:00-11:00 8:00- 1:00 8:00- 9:00 6:00-12:00 7:00- 1:00 Silent 8:00- 9:00 Silent 6:00-11:00 6:00- 1:15	6:00-11:00 7:15- 1:00 8:00- 9:00 6:00-12:00 8:30-12:00 9:00- 1:00	6:00- 8:00 7:15-12:00 8:00- 9:00 Silent Silent 9:00- 3:00 Silent 8:00- 1:00 6:15-11:30 6:00-12:30	6:00- 8:00 7:15- 1:00 Silent 6:00-12:00 8:30- 1:00 9:00- 1:00	6:00-11:00 7:15- 1:00 8:00- 9:00 6:00-12:00 9:00- 1:00 9:00-11:00 Silent 8:00- 1:00 6:00-11:30	m fa cc ar st
WCAU WCBD WCCO WCFL WCOA WCSH WCX WDAF WDBO WDOD	Philadelphia Zion. MinnSt. P. Chicago Pensacola. Portland. Detroit	344.5 416.4 491.5 222 499.7 516.9 365.6	580 820 1250	Silent Silent 7:15-12:00 7:00- 1:00 Silent Silent 6:00- 7:00 7:00- 2:00 6:30- 8:55 Silent	5:00-11:00 9:00-11:30 5:10-12:00 3:00- 9:45 8:25- 9:25 6:30- 8:30 7:15- 8:15 5:00- 5:45 7:30- 8:30 6:00-11:30	6:15- 1:00 Silent 7:10- 1:45 Silent 8:00-10:00 6:00-12:00 6:00- 9:00 7:00- 2:00 6:30-10:10 8:00-12:30	7:00- 1:00 9:00-11:30 7:10-12:00 7:00- 1:00 Silent 6:00-10:30 6:00-11:00 7:00- 2:00 6:30-10:30 9:00-10:00	6:15-12:00 Silent 7:10- 1:30 7:00- 1:00 8:00-12:00 8:00- 9:00 6:00- 9:00 7:00- 2:00 7:30-10:00 8:00-11:30	6:35- 1:00 9:00-11:30 7:10-12:00 7:00- 1:00 Silent 7:45-11:00 6:00- 9:00 7:00- 2:00 6:30-10:00 Silent	6:30-12:00 Silent 7:10-12:15 7:00- 1:00 8:00-11:00 8:00-2:00 6:00-11:00 7:00- 2:00 6:30-10:00 8:00-11:00	th an sc of
WEAR WEAO WEBH WEBJ WEEI WEMC WENR WFAA WFBE	New York Boston Berrien Spg.	293.9 370.2	817 1020 810	6:00-12:00 6:30-10:30 Silent 8:00- 3:00 Silent 6:45-10:20 Silent 7:00- 3:00 7:30- 1:45 7:30-10:00	5:30-10:30 7:30- 8:45 Silent 6:00-10:00 Silent 3:00-10:30 9:15-10:15 3:00- 1:00 7:00- 1:00 9:30-11:00	6:00-12:00 6:30-10:30 Silent Silent Silent 6:00-12:00 9:15-10:15 Silent 7:30-10:30 7:30-12:00	6:00-12:00 6:30-10:30 7:00- 9:00 6:00-12:00 7:00- 9:00 6:00-10:35 Silent 7:00-11:00 7:30- 1:00 7:30-11:30	6:00-11:00 9:15-10:15 7:00- 3:00 Silent 7:30-11:30	6:00-12:00 6:30-10:30 8:00-10:00 6:00-12:00 Silent 6:00-11:00 Silent 7:00-11:00 7:30-10:30 7:30-11:30	6:00-12:00 6:30-10:30 Silent 6:00-12:00 7:00- 9:00 6:00-10:35 9:15-10:15 7:00- 3:00 7:30-10:30 7:30-10:00	
WFHH WFI WGBF WGBS WGCP WGES WGHI WGN WGR	Philadelphia Evansyille I Clearwater New York New York Chicago Detroit. Chicago Buffalo	315.6 252 315.6 270 302.8 319	1130 950 1190 950 1110 990 940	Silent 7:01-12:00 Silent	8:30- 9:30 Silent 6:00-11:30 3:00- 6:00 6:00- 2:00 5:00- 6:00 3:00-11:30 7:45-10:15	8:30- 1:00 6:45- 7:45 8:00- 1:30 7:00-11:00 7:30-11:30 9:00-11:30 Silent 6:00-10:00 Silent 8:00- 1:00		7:30-11:30 7:00- 9:15 6:00- 2:00 6:00-10:00 7:01-12:00 6:30-11:00	7:01-12:00 6:30-11:00	8:30- 1:00 6:45- 7:45 8:45-11:00 7:00-11:00 7:30-11:30 7:00- 9:10 6:00- 2:00 6:00-12:00 7:01- 1:00 9:00- 1:00	١
WGY WHAD WHAR WHAS WHAZ WHB WHK WHN WHO WHO	Schenectady Milwaukee AtlanticCity Louisville Troy Kansas City Cleveland New York Des Moines Chicago	379.5 365.6 272.6 361.2	790 820 1100	7:00- 1:00	4:15-11:00 7:50-10:00 7:20-10:15 Silent 8:00- 2:00 5:00- 9:30 6:30-12:00 6:00- 9:30 7:00- 1:00	6:30- 9:15 7:15-11:00 7:30-12:00 7:00- 8:30 8:00-12:00 8:00- 9:00 7:00-10:30 6:30-12:00 8:30- 1:00 Silent	8:30-12:00 7:00-1:00	8:30-10:00 Silent 8:00-12:45 7:00-11:00 6:30- 1:00 7:00-12:30 7:00- 1:00		8:30-10:00 Silent 7:00- 8:00 6:00-11:00	Ĭ
WIBO WIP WJAR WJAX WJAX WJAS WJA WJR WJR WJZ WKAC WKRO	Cincinnati	1485.1		7:00- 9:00 7:00-12:05 Silent 7:00-12:00 7:30- 2:00 9:00-12:00 7:00-12:30 7:00-11:30 Silent Silent	6:00- 9:15 6:30-11:15 7:30-10:00 3:00-11:05 10:00-11:00 7:00-10:30 Silent 6:45- 1:15	Silent 6:45- 8:00 7:45-11:00 7:00-12:00 Silent Silent 7:00-10:00 7:00-11:30 Silent 6:15- 1:00	10:00-12:00	7:30- 1:00 9:00- 1:00 7:00- 1:00 7:00-12:00 7:00- 9:00 8:15- 1:00		Silent	
WLAC WLIB WLIT WLS WLWI WLWI WMAI WMAI WMBI	Chicago Philadelphia Chicago Cincinnati New York Clockport Ochicago Chicago MiamiBea'l	302.8 394.5 344.6 422.3 384.4 265.5 447.5 250	760 870 710 780 1130 670 1200 780	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	7:30- 9:50 8:00- 9:00 7:50- 8:50 7:00- 9:00 4:00-12:00 7:00- 1:00	7:00- 1:00	8:00- 1:45 Silent 6:30-10:00 6:00-11:00 8:30-11:15 6:15- 1:30 7:00-10:45 8:00-12:00 7:00- 1:00	7:30- 2:00 7:00-12:30 8:30-11:15 6:15-11:00 7:00-11:00 8:00-12:00 7:00- 1:00	8:00-1:15 Silent 7:55 10:00 7:00-1:05 8:30-11:15 6:15-11:00 7:00-11:00 8:00-12:00 7:00-1:00	7:00-11:00 7:30- 1:00 Silent Silent 7:00-10:30 7:00-11:00 8:00-12:00 7:00- 1.00	
WMC WMCA WNYC WOAN WOAN WOC WOI WOK	Lawrenceb's Davenport. Ames. Homewood.	431 526 394.5 282.8 483.6 270.1 410.7	880 697 570 760 1060 620 1110 730 882		6:00-12:15 4:00-10:05 6:00-10:35 8:45- 9:45 10:00-11:00 7:30-12:00 Silent 10:15-11:15	6:00-10:35 Silent 10:00- 2:30 Silent 8:45- 9:45 Silent 6:00-10:00	7:13-10:30 10:00-11:00 7:00-11:30 Silent 10:00- 1:30 6:00-11:00	6:00-11:00 6:00-10:33 9:30-10:30 10:00-11:00 7:30-11:30 Silent 10:00- 1:30 6:00-11:00	6:00-10:36 6:00-10:35 9:30-10:30 110:00-11:00 7:30-12:00 8:30- 9:30 10:00- 1:30 6:00-11:00	6:00-11:00 6:00-10:35 9:30-10:30 10:00-11:00 8:00-11:30 Silent 10:00- 1:30 6:00-11:00	
WOO WOQ WOR WOR! WOS WOW WPG WQJ WRC WREC	Lansing	299.8 447.5 468.5 285.8	570 1000 670 640 1050	7:00-12:00 7:00-12:00 8:00- 4:00 6:00-11:00 10:00-12:00	7:J0-10:00 8:30- 9:30 7:J0-11:00 3:15-11:00 4:J0-10:45 Silent	Silent 8:00-12:00 7:00-11:00 7:00-12:00 Silent 6:00-12:00 Silent	9:00-10:00 6:15-12:00 7:00-10:00 Silent 7:00-12:00 7:00-12:00 8:00- 3:00 6:00-11:30 8:15-10:00	8:00-10:00 Silent Silent 8:00- 3:00 6:00-11:30 6:00- 7:00	8:00-10:00 6-15-12:00 7:00-10:00 Silent 7:00-12:00 7:00-12:30 8:00-3:00 6:00-9:13	6:15-12:00 7:00- 8:45 8:00-10:00 7:00-11:00 7:00-12:00 8:00- 3:00 7:00-11:30 6:00- 7:00	
WRR WRVA WSAI WSB WSBC WSM WSOE WSMI WSOE WTAI WTAC WTAI	Dallas. Richmond. Cincinnati. Atlanta. Chicago. Bay City. Nashville. Milwaukee. New Orlean Iowa City.	s 319 . 483.6	700	9:00- 1:00	Silent 8:00-10:15 6:00-10.15	9:00-12:00 7:00-12:00 7:00- 1:00	7:00-10:00 Silent 7:00- 1:00 9:00-10:00 7:30- 2:00 Silent 7:00-10:00 Silent Silent Silent 8:00-10:30	Silent 8:00-10:30 6:40-10:30 11:45-1:00 7:30-2:00 9:00-11:00 7:15-12:00 7:00-10:00 9:30-11:30 8:30-9:30 7:00-11:00 6:00-12:00 Silent	7:00- 1:00 8:00-12:00 8:00-10:00 9:00- 1:00 7:30- 2:00 7:15-12:00 7:00-11:00 9:30-11:30 Silent 8:00-11:00 6:00-12:00	7:30- 2:00 Silent 8:00-12:00 7:00-11:00 Silent	
WTAI WTIC WWJ	M Cleveland Hartford Det oit		770 9 630 7 850	0:15-12:00 6:00-11:00 Silent	6:00-11:15 6:00- 7:00 7:20-10:15	6:00-12:30 6:00-12:00 6:00-10:00	6:00-12:00 6:00-11:00 6:00- 9:00	6:00-12:00 Silent 6:00-11:00	6:00-12:00 6:00-10:00 6:00- 9:00	6:00-12:00 6:00-11:00 6:00-11:00	3

# STATIONS IN ORDER OF WAVE LENGTHS

Meters	Call										
226	WBBM	270.1	WGHP	309.1	KDKA	355.4	WFHH	400	CYJ	467	KFI
226.	WIBO	270.1	WOI	312.6	KWKH	356.4	WOAN	400	PWX	468.5	WRC
226	WLAC	272.6	WEBJ	315.6	KFDM	356.9	CFCA	405.2	KHI	475.9	WBAP
229	KMMJ	272.6	WHK	315.6	KPSN	356.9	CKCL	405.2	KSO	475.9	WTIC
232.4	KFON	275.1	WHAD	315.6	WABC	1356.9	CKNC	405.2	WOR	475.9	WFAA
232.4	WFBE	275.1	WHAR	315.6	WEMC	361.2	KGO	406	WBAR	480	CYL
236.1	WGBF	275.1	WORD	315.6	WGBS	361.2	WHN	410.7	CKAC	483.6	WOC
241.8	WOOD	278	KWCR	315.6	WGES	365.6	WDAF	410.7	WOK	483.6	WSUI
244	WAMD	278	WCAU	319	KOIN	365.6	WHB	416.4	WBBR	483.6	WJAR
246	KFSD	278	WOQ	319	WGR	367	WEAN	416.4	WCCO	491.5	KGW
246	WBAL	280.2	KMOX	319	WSMB	370.2	WEBH	421	KIAF	491.5	WCFL
246	WSOE	280.2	KOAC	322.4	KOA	370.2	WIID	422.3	WLW.	491.5	WEAF
249.0	KFWI	282.8	WSM	325.9	WKRC	374.8	KTHS	428.3	WSB	499.7	KFRU
250	WMBB	285.5	WEMC	325.9	WSAI	374.8	KVOO	428.3	KPO	499.7	WCSH
252	KFWB	285.5	WREO	329.5	WJAZ	379.5	WGY	431	WNAC	499.7	WMC
252	WCOA	288.3	KFKX	333.1	WBZ	379.5	WHAZ	434.5	CNRO	502.8	KFQB
252.	WGCP	288.3	WSBC	336.9	KNX	384.4	CKY	434.5	CFCN	508.2	KLX
256	WDOD	293.9	WAIU	336.9	WJAX	384.4	KLZ	434.5	NAA	508.2	WIP
256	WRVA	293.9	WEAO	340.7	KFAB	384.4	WLWL	440.9	KLDS	508.2	WOO
258	WADC	296.9	KPRC	340.7	WKAQ	384.4	KJR	440.9	WOS	516.9	CJCA
260.7	KFJF	299.8	KSL	340.7	WMCA	384.4	WMBF		WMAQ	516.9	WCX
260.7	KSBA	299.8	KUOA	340.7	WOKT	389.4	WTAM	447.5	WQJ	516.9	WJR
260.7	WSKC	299.8	WPG	344.6	WCBD	394.5	WFI	454.3	KFOA	526	WHO
263	WAAM	302.8	WGN	344.6	WLS	394.5	WLIT	454.3	WJZ	526	WNYC
265.6	WBCN	302.8	WLIB	348.6	KWSC	394.5	WOAI	455	KTW		WOAW
265.6	WENR	302.8	KTAB	348.6	WEEI	399.8	KYA	461.3	KFNF	535.4	KYW
	WMAK	305.9	KOIL	350	CZE	399.8	WHAS	461.3	KMA	545.1	KFUO
268	KFH	305.9	KOMO	352.7	wwJ	399.8	WHT	461.3	WCAE	545.1	WTAG

COMMISSION HEARINGS

(Continued from page 3)

L. B. F. Raycroft, National Electrical Manufacturers Association; Ray H. Manson, chief engineer, Stromberg-Carlson Manufacturing Company; Robert H. Marriott, Independent Wireless Telegraph Company; L. W. Walkace, American Engineering Council; Samuel Waite, Worchester (Mass.) Telegram; L. C. F. Hurley, Federal Radio Corporation; H. B. Hough, WEAP, Fort Worth, Texas; Dr. J. H. Dellinger, Bureau of Standards; Leon M. E. Classing, WBBM, Chicago; E. M. Terry University of Wisconsin, and many others. Prior to the conference the though had been thrown out by the commission that a possible solution of the present congestion might be in widening the broadcast band downward to 150 meters. There was not a single person spoke in favor of schemowers, Mr. Warner, on behalf of the name of course, Mr. Warner, on behalf of the manuel operators, visorously opposed any such move.

The comesnus of opinion among those present at the hearings on the matter operators, visorously opposed any such move.

The comesnus of opinion among those present at the hearings on the question of the limitation of power seemed to be that the commission should not make any hard and fast rule on this point. There was some difference of opinion on the matter of the division of time and on the chain of the members of become some difference of opinion on the matter of the division of time and on the chain of the members of course, C. Companies own the division of the angles of the commission by proceed by its own devices.

Whether the commission will now proceed to arbitrarily eliminate stations and compel all stations to "double up" in division of the division of the and on the chain of the division of the and on the chain of the division of the and on the chain of the division of the and on the chain of the division of the angles of the commission will now proceed to arbitrarily eliminate stations and compel all stations to "double up" in division of the division of the angles of the commission will now proc



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  Coon-Sander's Original "Nikhitawka"
  George Hay, 1924 Gold Cup announced
  George Hay, 1924 Gold Cup announced
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  Lambdin Kay, "Lattic Colored" of WE

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30 Vincent Lorez, No. 1 Pennylymain crichestra
21 E. L. Tyson, pleasing voice at WWI
22 Bert Davis, "Clown of the Air."
23 Art Gillham, "The Whispering Planist"
24 The Sunflower Girl of WIALP
25 Carroll and Goeden of "Kinby Kids Parado"
26 Corroll and Goeden of "Kinby Kids Parado"
27 Norman Brokenshire, popular at WRC, WIZ
29 Jane Novek, Blues Singer of Twin Cities,
27 Norman Brokenshire, popular at WRC, WIZ
29 Jane Novek, Blues Singer of Twin Cities,
30 Joan Sargent, the original, now at WHT
31 Rajhh Emerson, popular organist at WLS
32 Edna Adams, of KPRC
33 Edna Adams, of KPRC
34 Responsible of WRY
46 Responsible of WRY
47 Responsible of WRY
48 Responsible of WRY
49 Responsible of WRY
40 Responsible of WRY
41 Art Linick, KYWS, Known country-wide
41 Art Linick, KYWS, MRS, Schlagenhauer
42 Fred Hamm of WTAS, now WLIB, fame

Radio Digest, 510 N. Dearborn St., 4-15-27
Li Andreago, Ill.
Li An

# RADIO BRINGS EASTER MUSIC, SERVICI

# HIGH LIGHTS OF THE AIR

A GOOD Friday program, broadcast especially for listeners in sanitariums and hospitals who would otherwise be deprived of the morning services, will be given by WHT from 10 to 12 o'clock noon, April 15. The North Shore Baptist church choir, considered one of Chicago's best, will give the musical part of the service.

of the service.

"The Crucifixion," a Good Friday cantata will be the seasonal feature at KOA, Denver. "The Terrible Meek," acted by the National players, is the day's headliner at WEAF. The stor parts will be taken by Bdith Wynn Matthison and Charles Rann Kennedy. The latter is well known to fans for his famous play "The Servant in the House."
"Hoot Mon," the year's annual

vant in the House."
"Hoot Mon," the year's annual musical show of the University of Pennsylvania Mask and Wig club, is to be broadcast direct from the stage of the Garden Pier theater, Saturday, April 16. This famous company is composed of men and when their male voices take the parts of sweet feminine characters the Radio effect will be funny. At any rate no one need complain of sopranos.

Baster morning the ether will be

need complain of sopranos.
Easter morning the ether will be filled with special Easter services broadcast by the various churches. One of the musical features of the day will be the production of the "Messiah" by the Atlantic City Festival chor consisting of one hundred highly trained voices, from WPG.

Each Wednesday night between 10

Each Wednesday night between 10

and 11 o'clock the Chicago Light opera company, broadcasts a program over WIBO. Each member of the company is a solo artist who has had experience in the concert field. On April 20 they will sing Cadman's song cycle "The Morning of the Year," and on April 27 excerpts from the light operas.

Year," and on April 27 excerpts from the light operas.
Wednesday, April 20, is also an im-portant date for Yale alumnae to re-member. On this date a Yale pro-gram broadcast direct from New Haven will be given on the Red chain. WTIC will do the original broad-casting.

WTIC will do the original broadcasting.

CNRQ are the call letters of the new Quebec City station opened April by the Canadian National Railways. This station which has been built to fill in a "Dead Spot" in the vicinity of Quebec city will depend upon CNRM, CNRO and sometimes upon CNRT for its programs. The stations will be connected by either telegraph or telephone wires. CNRM, CNRO and CNRQ constitute a new Canadian chain which may expand as the National Broadcasting chains have until it encompasses all of Canada. Thursday, April 21 the program will consist of "Tom Jones" a comic opera in 3 acts given by the McGill university. Sunday, April 4, daylight saving. s acts given by the Auchin University.
Sunday, April 24, daylight saving
will be with us again. New York,
Chicago, Philadelphia, Hartford and
Boston will doubtless be the only
cities using this time. When referring to the regular programs of these
cities for the last week in April, subtract one hour from each program.



# FRIDAY, APRIL 15 Headliners

Eastern Central Mountain Pacific 5:10 p. m. 4:10 3:10 2:10 WTAW (270.1m-1,110kc) S. M. U.-A. and M., baseball. baseball. 6 7 WARF (491.5m-610kc) "The Terrible Meek." National players. WIP (508.2m-590kc) "Parks and Pienies" Dr. Penniman will (333,1m-900kc) Apollo male quartet.

WIZ (333.1m-900kc) Apollo male quartet.

WCOA (252m-1190kc) Naval Air Station band.
WCOA (252m-1190kc) Naval Air Station band.
WCOA (252m-1190kc) Naval Air Station band.
WCOA (252m-1190kc) Nito and his Radio Seven.
Station (351.0m-300kc) Vito and his Radio Seven.
Station (350m-170kc) Christian Endeavor Society program.
WIM (255m-170kc) Oktistian Endeavor Society program.
WIM (255m-170kc) Northland serenaders.
WFIH (355.4m-343.6kc) Peaco Memorial church.
WIND (256m-130kc) Peaco Memorial church.
WIND (256m-130kc) William and Helen," "An WIAL (245m-120kc) Musical sketch, "Golden Treasury of Song"—Fitz sisters.
WCAU (272.6m-1080kc) The Iroquois Indians.
WCAU (272.6m-1080kc) The Iroquois Indians.
WCAU (272.6m-1080kc) The Iroquois Indians.
WCAU (379.5m-290kc) "Heatt Brunnel," WGY WGY (379.5m-290kc) "Heatt Brunnel," WGY WGY (379.5m-290kc) "Heatt Brunnel," WGY WGY (379.5m-290kc) "Heatt Brunnel," WGY

WUY (3/2,3m<sup>2</sup>/2)00c) Vesella's concert band, Widyers Sm-10060c) Chamber of Commerce, Pulaski, Tenn, WTIC (478,9m-630kc) Men's Civic luncheon clubs

sextet. WMAQ (447,5m-670kc) Little Symphony orchestra.

Who Q (447,5m-60bc) Little Symphony orchestra.

9 KMA (461,3m-650bc) Mayrire Orchestra.

ROA (323,4m-50bc) The Crucifixion presented at Central Pressly terian Churdy.

WHAL (246m-1220bc) "An Hour with the Great Songs" lecture-recital conducted by Frank Bibb.

WMAO (447,5m-670bc) "Tarstifal." Concepts in WWA (347,5m-670bc) "Tarst

WSM (282-8n-1690cc) 1001, 10c and Jacob 2007, 10115 10

Harold Vogel, baritone,
 WBAP (475,9m-630kc) Good Friday, Episcopal church choir.
 WOS (440,9m-680kc) The Latties in Old Time

NOS (440,900-300ke) The Lattice in Oil Times

RFI (467m-642ke) 10 The Seven 2 Last Words.

KFI (467m-642ke) 20 The Seven 2 Last Words.

KFI (361,2m,830ke) Anthony Linden, furtisetra.

WIBO (226m-1330ke) 10 Gries, college songs,

WIBO (226m-1330ke) 18 Kilgour antione,

KFI (250m-102ke) Long Beach municipal band,

12 mid.

CNEV (230m-102ke) Long Beach municipal band,

CNEV (230m-102ke) Along Frances Gordon, controllege and college an KF1 (40711-9-1-300c) trafto, trafto, 12 12 11 12 11 KFON (233m-1290kc) Elks' frolic, KFWB (252m-1190kc) Rainbow hour.

## Regular Friday Features Eastern Time Stations

WAIU Columbus, Ohio (293.8m-1020kc) 8 p. m. artists concert; 10, Song shop.
WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m. dinner orchestra; 7:30-8, quartet; 8-9, trio-John Wilborn, tener; 9-30, Fitz Sisters, musical sketch; 9:30-10, string quartet; 10-11, novelty pro-WBBR New York, N. X. (416.4m-720kc); 7:30 p. m. Watchtower concert trio; 8:35, Fred Twaroschk tenor. tenor.

WBZ Springfield, Mass. (333.1m-900kc) 6:15 p. m. ensemble; 7, orchestra; 8:30-10, WJZ; 10, musicale. WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dinner music; 8, WEAF; 9, program; 9:30, WEAF; 10, WEAF; 10, MEAF; 10, ME 

ing Mus company, 6, MEGF, 7, quanto, orchestra. WFHH Clearwater, Fla. (355.4m-843.6kc) 8:30 p. m. orran and artists; 10:30, dance program. WFI Philadelphia, Pa. (394.5m-760kc) 6:45 p. m. stra. New York, N. Y. (315.6m-950kc) 7 p. m. WGB New York, N. 1. (313.0m. 500.0c.) orchestrd. WGHP, Detroit, Mich. (270.1m-1110kc) 6-8 p. m. din-ner concert. Hotel Tuller: 10-11, WGHP enter-

WGHP, Detroit, Mich. (270,1m-1110kc) 6.8 p. m. din-ner concert. Hotel Tuller; 10-11. WGHP enter-WGR Buffalo, N. Y. (315m-940kc) 7:15 p. m. eve-ning program; 8. WEAF; 9, play; 10-1130, WEAF; 11-1. supper music. WGY Schnercady, N. Y. (379.5m-790kc) 7:30 p. m. musicale; 8. WAF; 9. entertainment; 10. WGAF; WHK Cleveland, Ohio (272.5m-1100kc) 6 p. m. orches-tra; 7:30, Whozit; 8-9, program; 9-10. classical program; 10-11, orchestra; WHN New York, N. Y. (351.2m-830kc) 6:30 p. m.

orchestra; artists; 12. frolic.

WICC Bridgeopt. Com., 2224.m-1290kc) 8 p. m. entertainers; 9, hour of music; 10, orchestra.

WIP Philadelphia, Pa. (606,2m-5906m) 6:10 p. m.
Renjamin Franklin concert orchestra; 7. Uncle

Wij's hedrime stories.

WJAX Jacksonville, Fla. (336,9m-890kc) 8 p. m. popufar program; 10, Jacksonville Little symphony; 11,

lar program; 10, Jacksonville Little sympanis, ..., dance music.

WJR Detroit, Mich. (516.9m-580kc) 7:15 p. m. trio;

WJR Detroit, Mich. (516.9m-8500c) 7:15 p. m. trio; 8, dance miss, N. Y. (48.4,3m-650kc) 7:15 p. m. trio; 8, dance miss, N. Y. (48.4,3m-650kc) 7, orrebestra; 250, flounic, N. C. (48.4,3m-650kc) benr. KDKA, RDKA, concert orchestra; 8:34, when a dance orchestra. N. 7, 288,5m-1130tc) 7:30 p. m. WMAK Buffalo. musicale; 8-9 musicale. WMBF Miami Beach, FL (384,4m-780tc) 7 p. m. dinner concert; 8, popular program; 10, dance

orchestra:

WMCA New York, N. Y. (340.7m-880kc) 6:30 p. m.

Ernie Golden and his Hotel McAlpin orchestra;
7, chat; 7:15, orchestra; 9, entertainers; 12, Mc-

WMCA New 10rk, N. 1. 1349./mis-8998(r) Usay p. m. Ermic Golden and his Rotel McAlpin orchestra; D. Mc-Molin entertainers; 12, Mc-Miss new York, N. Y. (302.2m-9890k; 7-45, sports; 8:15, boxing; 10:30 music.
WMAC Boxton, Mass. (430.1m-8978c) 7 p. m. dinner music; 7:30-10:05, program; 10:05, dance music; 7:30-10:05, program; 10:05, dance music; 7:30-10:05, program; 10:05, dance music. WMCK New York, N. Y. (520m-6780k; 6:20-10:30 p. m. music. McKalpin Rechester, N. Y. (340m-881.8kc) 6 p. m. music.

WOKT Rochester, N. Y. (340m-881.8kc) 6 p. m. music,
WOO Philadelphia, Pa. (508.2m-890kc) 7:30 p. m. dance orchestra; 8:30, address; 9.00p-eratic period; 10:02, address; 10:30, dance music, 10:02, address; 10:30, dance music, 6:15 p. m. tenor; 6:30, finel Bretton Hall string quarret; 7:30, orchestra; 8:15, N. Y. University; 8:30, solois; 11, orchestra.
WPG Atlantic City, N. J. (1998.m-1000kc) 7:10 p. m. orchestra; 19:40 p. m. concert; 9:30, diance music; 8. orchestra; 9. evening concert; 9:30, duarret; 10:10, studio cancert; 10:30, dance music; 11:30, Silver Slipper.

KFDM Beaumont, Texas (315.6m-950kc) band, KMA Shenandoah, Iowa (461.3m-650kc) 9-11 p. m. KMA Shenandoan, Iowa (watanatawana), musicale, KMOX St. Louis, Mo. (260.2m.1070kc) 6:30 p. m. change rupugam; 8, program; 12-1, dance music. KOIL Council Bluffs, Iowa (680.2m.980kc) 7:30 p. m. program; 12-1, topic; 12-Lubricators. Dreaher Brothers, Inc.; KRLD Dallas, Tex. (387.1m.439.6kc) 9:30-10:30, classics. classics. KSO Clarinda, Iowa (405.2m-740kc) 6:30 p. m. popu-Casacasina, lowa (405.2m-740kc) 6:30 p. m. popular persana (405.2m-740kc) 6:30 p. m. popular persana (405.2m-740kc) 6:30 p. m. popular persana (405.2m-740kc) 4:48.

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-11, p. m. (eature) 5.

KVOO Britatuw, Olda. (374.8m-800kc) 6: p. m. club; 1.

KWWC Brownsville, Tex. (277.8m-1080kc) band. KWW Chicago, III. (835.4m-5080kc) 6:30 p. m. Joska Delishary and his orchestra; 7; WJZ; 9-10:30, P. M. (198.2m-10) 10; Toric. (198.2m-10) 10

NOTE CONTROL OF THE C

water Reach hotel orchestra; 9-11. Edgewater Beach hotel orchestra Springs, Mich. (315-6m-850kc) 8:15 WEMC Berrien, 18:25 Mich. 18:15-67 p. m. dinner concert; 8-10, program; 12-2; midnight frolic. WFAA 2b. 18:15 Mich. 18:25 Mich. 18:2

WGBF Evansville, Ind. (228-Int-12006) 9 p. in. objects of the control of the cont classical program.
WHAS Louisville, Ky. (399.8m-750kc) 7:30 p. m.

WHAS Louisville, Ky. (398.8m-750kc) 7:30 p. m. studio, concert, by. Mo. (365.6m-820kc) 6-7 p. m. white kansas extra (365.6m-820kc) 7:30-8 p. m. program; 8-9, program; 11-12, dance program; 8-9, program; 11-12, dance program; MT Chicago, III. (398.8m-750kc) 6-7, m. Al Carney; Stuart Dawson; 9:30 (399.8m-750kc) program; 11, Al and Pat. (10.1 dance program; 10.10-2, Frolic. (20.7 dance) dance orchestra; 8, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 8, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 8, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 8, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 8, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 8, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 8, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 9, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 9, high lights; 9, diversified program; 11, 10.30-2, Frolic. (20.7 dance) dance orchestra; 9, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 9, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 9, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 9, high lights; 9, diversified program; 10.30-2, Frolic. (20.7 dance) dance orchestra; 9, high lights; 9, diversified program; 10.30-2, high lights; 9, diversified program; 10.30-2, high

Walter Cheero, III. Glocam-stuce, 50 y for ins. Space Nelson, Nelson, Nelson, 18, 18, 232.8m-980kp, 77-80. m. din-WLIB Chicago, III. (344.6m-570kp, 7) p. m. May and June; 7:15, trio; 8, young artist series; 9:15, trio; WAJ, Shaw Bolt, (447.5m-670kp, 6) p. m. chimes; 6:30, Wide Awake club; 8, musicale. WHBE Chicago, III. (249.9m-1200kp) 7-8:30 p. m. old, home songs; 8:30-11, frolic. Mills (149.9m-1200kp) 8 program; 11, frolic.

frolic.
WOAI San Antonio, Tex. (394.5m-760kc) 8:30-9:30
p. m. musical program.
WOC Davenport, Iowa (483.6m-620kc) 8:30-9 WEAF:
99:30, WEAF: 9:30-10:30, lecture.
WOK Chicago, III. (410.7m-730kc) 9-12:30 a, m. pro-

gram.
WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. North
Shore line; 7:45. World News digest.
WOS Jefferson City, Mo. (440.9m-890kc) 7:15 p. m.
Radio Bible class, taiks; 8:20, musicale.
Cassical.a, Nebr. (250m-570kc) 6:10, prehestra; 9.
classical.

WOJ Chicago, III. (447.5m-670kc) 10-2 a. m. popular program, WRR Dallas, Tex. (245.8m-1220kc) 6 p. m. program; 8. band. WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. WJZ; 10:45, concert. WSBC Chicago, III. (288.3m-1040kc) 6:30-8 p. m. dlinner program; 9-1, entertainers. WSM Nashville, Tenn. (282.8m-1060kc) 7-11 p. m. pro-

WSOE Milwaukee, Wis. (245.8m-1220ke) 7 p. m. popular program; 8, Library review; 8:15, program. Mountain Time Stations KOA Denver, Colo. (322.4m-330kc) 8 p. m. KOA orchestra; 8:15, studio program. KOB State College, N. M. (345.6m-860kc) orchestra.

Action of the Market of the Ma chestra; 7:50, News; 8-11, program; 11-12, dance mistic mi cial program; 9:45-10:30. Athens Athletic club cr-chestra.

KNX Hollywood, Callif. (336.9m-890kc) 7 p. m. fea-ture; 8, 9, 10, features; 11, Hotel Amhassador.

KOIN Portland, Ore. (319m-340hc) 8:40-9, popular

KOIN Portland, Ore. (319m-340hc) 8:40-9, popular

KOMO Seattle, Weak. (30.8m-890kc) 8, Toten con-cert orchestra; 10, Jackie Souder's Olympic hotel orchestra.

KPO San Francisco, Calif. (428.3m-700kc) 6:30 p. m.
State Restaurant orchestra; 8-10, orchestra; 10-11. State Restaurant orchestra; 8-10, orchestra; 10-11, orchestra; 11-12, dance orchestra.
KTAB Oakland, Callf. (302.8m-190kc) 8-9 p. m. orchestra; 9-10, orchestra; 8-10, orchestra; 9-10, orchestra; 9-10, orchestra; 9-10, orchestra; 9-10, orchestra; 9-10, orchestra; 9-10, orchestra; 10-11, orchest

Friday, silent night for: CFCA, CKAC, CKNC, KFDY, KFNF, WALD, KPRC, KFSN, KUGA, PWX, WBBR, WALD, WCBD, WFI, WIP, WLIT, WLW, WLW, WSMB.

# SATURDAY, APRIL 16 Headliners

Eastern Central Mountain Pacific 4 p. m. (270,1m-1110ke) S. M. U.—A. and M. baseball. haseball.
7:15
WHAD (275.m.-1909kc) Gladys Krueger, organist.
CXNC (235m-840kc) Charles E. Bodiey and his dance orchestra.
KYOO (374,m-800kc) Luzianne Aces.
WHAD (275.m.-1900kc) Seckatary Hawkins.
WHB (365,6m-740kc) Hist jrom light operas,
WHAD (225,4m-1330kc) David Lipscomb college orchestra.

WLAG (225.4m-1330kc). David Lipscomb college or-chestra.
WLS (447.5m-670kc) WLS Birthday party.
S10.000 (197.0

wCCO (416.4m-720kc) Silver voiced tenor.
WGBS (316m-950kc) Silver voiced tenor.
WLW (422.3m-710kc) U. of Cincinnati glee club.
WMAQ (447.5m-670kc) Gov. Martineau of

## DANCING

Central Time

Monday

8. Weep: 9. Wiar,
Wor: 9:15, Wahr. 10.
Kths, Weeb, Wer, Who: 10:13.
Weep, Whi: 11. Ksp.
Weep, Win: 11. Ksp.
Koll, Webu, Weep, Wgr.
Whn, Who, Wjaz: 11:45.
Wdat: 12, Khx, Kpo.

Tuesday 10:15, Kths; 10:30, Kths, Whn; 10:45, Wsb; 11, Kgw, Kotl, Whn, Wjaz; 11:45, Wdaf; 12, Kgw, Khl, Knx, Kpo, Wdaf, Wjaz; 1, Wqi.

## Wednesday

Wednesday
9:15, Wab; 9:30, Whap,
Who, Wer: 10; Wbab,
Wenf, Wgbu, Wgbu,
Wize,
Wiaz, Wqi; 10:95, Weee,
10:30, Wabp, Whn; 11,
Kmox, Koll, Kpo, Webh,
Wgbu, Wgsp, Wgr, What,
Wise; 11:45, Wdaf; 12,
Kfwa, Kns, Kpo, Wjaz,
Wjid,

Thursday
S, Wiri 9, Webh. Wed,
Whn, Wir. Wmbb, Wsal,
Wtog: 9:36 Wbz, Wip:
9:36 Wmbg Wgr, Whn:
9:35 Wnwg 10, Ktha.
Wbbm, Weaf, Wgbu,
Whn, Wmeaf, Wgbu,
Whn, Wmeaf, Wgb,
10:36 Ktha, Whn, Webh.
Wgbu, Wg, Keo, Khi,
Knx, Kpo, Wiid.

# Friday

8, Wwi; 9, Wer, Webh, Weei, Wgbu, Wgcp. Wmbb; 9:30, Weau, Whn; 10, Kpo, Kths, Wgbu, Wgcp, Whn, Wgr, Wqi.

# RVICES INTO EVERY LISTENER'S HOME



# DANCING

Central Time

Monday Mönday 8, Wgop; 9, Wjar, Wor; 9:15, Wahi; 10, Kths, Wgob, Wgr, Wnyc, Wpg; 10:15; Wor; 10:30, Wgo, Whn; 11, Kgw, Koll, Wgbu, Wgop, Wgr, Wnn, Who, Wjar; 11:45, Wdaf; 12, Kur, Kpo

Tuesday 10:15, Kths; 10:30, Kths, Whn; 10:45, Wsb; 11. Rgw, Koil, Whn, Wjaz; 11:45, Wdaf; 12, Kgw, Khi, Knx, Kpo, Wdaf, Wjaz; 1, Wqi.

Wednesday

Wednesday
9:15, Wahg; 9:30, Whap,
Who, Wor; 10, Wbap,
Weaf, Wgbb, Wgco,
Wlaz, Wqi; 10:05, Wco,
10:30, Wbap, Wln; 11,
Kmex, Kolf, Kpo, Webh,
Wgbu, Wgep, Wgr, Whn,
Wlaz; 11:45, Wdaf; 12,
Kfwa, Knx, Kpo, Wlaz,
Wlid.

8, Wwi; 9, Wcx, Webh, Weei, Wgbu, Wgcp. Wmbb; 9:30, Wcau, Whn; 10, Kpo, Kths, Wgbu, Wgcp, Whn, Wgr, Wqj.

Saturday Saturday

9. Wobb, Wisz, Winbb,
Worse, Wree; 3:10, Kiba,
Wile; 9:30, Kitha, Wighs,
Wor, Wree; 10, Kimox,
Koa, Kipo, Wesfa, Warn,
Winz, Wir, Winea, Waye,
Wor, Wree, Vistan; 10:05,
Weev, 10:30, Wamd;
10:45, Wils; 3:11, Kirob,
10:45, Wils; 12, Keo,
Kew, Kiro, Wilsz, Wild, Eastern Central Mountain Pacific 9:05 7:06 7:06 7:06 Pacific P

WSBID (JJ9m-940kc) New Saenger theater.

KIA (64), 3m-65 ye. Jack Todd; music, Mayflower Trio.

KEN (260m-130kc George Cook, concertina,

WGBS (316m-950kc) Arthur Zack-Miniature Cello
Recital.

WOC (485.6m-620kc) artists, Clinton, Iowa,

WGBS (316m-950kc) Cosmopolitan mixed quartet,

WGBS (316m-950kc) Bob Ffolds Vanudeville Favorite. vorite. 10:30 9:30 8:30 7:30 KFI (467m-642kc) Felipe Delgado, Spanish bari-

KFI (467m-642kc) zenije zenama, tone.

PWX (400m-750kc) Tokio orchestra.

KMOX (230, dm-1670kc) McDonald Sisters.

KMOX (230, dm-1670kc) McDonald Sisters.

WMAO (447, 5m-670kc) zenoje sycie. Fratt and Sherman.

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1 11 STATE (17.5.9H-500KC) Dorothy Wneelet, violinist.

11 STATES (374.8h-800Kc) Louis Davis, baritone,
12 mid. 11 10 9

WBBM (226m-1330kc) Hank and his Belmont theater ganger 12:18 a.m. 11:15 10:15 9:15 KOO (361.2m-830kc) Rose Lind, contralto, 12:30 11:30 8:30 KRLD (357.1m-839.6kc) Alley Cats of KRLD. KEI (467m-642kc) Esther Wilker, pianist, 10 KFON (233m-1290kc) Pacific Coast club orchestra. KFI (467m-642kc) Dixieland Blue Blowers,

# Regular Saturday Features Eastern Time Stations

Eastern Time Stations
CKAC Montreal, Que, Can. (410.7m-730fc) 7:15 p. m. dimer concert; 10:30, Red Juckets.
CKCL Toronto, Can. (357m-430fc) 7:8 p. m. trio.
KDK. Rithshurgh, Pa. (309.1m-970fc) 6 p. m. dimer concert; 0:30, p. 10, p. 10 WAAM Newark, N. J. (285m-1140kc), 7:15 p. m. evening muiscale, W. L. (285m-1140kc), 7:15 p. m. evening muiscale, W. L. (285m-1140kc), 10 m. Hortwistale, W. L. (285m-1140kc), 10 m. Hortwistale, W. L. (285m-1140kc), 10 m. Hortwistale, 10 m. Ho Knickerbocker club.

WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dance

WCAE Detroit, Mitch. (516.5m-580kc) 6 p. m. dinner

WCX Detroit, Mitch. (516.5m-580kc) 6 p. m. dinner

program. Goldkette ensemble; 615. Skeezix time.

WDBO Winter Park, Fla. (238.5m-1220kc) 6:30 p. m.

WEAF New York, N. 197. (615.5m-610kc); 6. Waldorf
Astoria dinner music; 8. The Week-Enders, WCAE,

WEAF New York, N. 197. (615.5m-610kc); 6. Waldorf
Astoria dinner music; 8. The Week-Enders, WCAE,

WCAE, WCY, WRY, 197. (615.5m-610kc); 6. Waldorf
Astoria dinner music; 8. The Week-Enders, WCAE,

WKE, WCY, WRY, 197. (615.5m-610kc); 7. WEEL,

WCW, WKC, 11-12, orchestra, WCAE,

WCY, WRY, 11-12, orchestra, WCAE,

WCY, WRY, 11-12, orchestra, WCAE,

WCY, Schen, 197. (316.5m-380kc) 7:55 p. m.

Adelphia dance orchestra, WCAE,

WCP, Schencetady, N. Y. (315.5m-940kc) 6:30 p. m.

WCY, Schencetady, N. Y. (315m-940kc) 6:10 p. m.

WHAE Clewland, Ohio (272.5m-1500kc) 7:30-11 p.

WHAE Clewland, Ohio (272.5m-1500kc) 7:30-11 p. m.

WHAE Clewland, Ohio (272.5m-1500kc) 7:30-11 p. m.

WHAE Clewland, Ohio (272.5m-1500kc) 7:30-11 p. m.

Benjamin Franklin concert orchestra; 7. Une
Wing Schenting stories, 8. sports corner, Dr.

Prancois D'Eliscu, 815, recital; 10-05, dance or
chestra, 11-05, organ recital.

WNAC Boston, Mass. (430.1m-697kc) 6 p. m. mu-sicale; 10:05, dance music. WNYC New York, N. Y. (526m-570kc) 7 p. m. sicale; 10:05, dance music.

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

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

WOO Philadelphia, Pa. (508.2m-580kc) 7:30 p. m. dance orchester.

WOO Philadelphia, Pa. (508.2m-580kc) 7:30 p. m. dance orchester.

WOO State of the Control of the Control

CKY Winniper, Can. (384.4m-780kc) 9:30-10:30 p. m.
Herbert Sadier, organist.
KFABert Sadier, organist.
KFABert Sadier, organist.
KFABert Sadier, Organist.
KFABert Sadier, Organist.
KFAW (265m-1120kc) 7:30 p. m. artists' recital, recital, recital, KFNF Shenandoah, Iowa (461.3m-650kc) 7:30 p. m. music; 11, old-time music, KLDS Independence (440-9m-680kc) 8 p. m. studio KFNF Shenandoah, Iowa (461.3m-650kc) 7:30 p. m. m. studio program.

MA Shenandoah, Ia. (461.3m-650kc) 8 p. m. studio program.

KMA Shenandoah, Ia. (461.3m-650kc) 9:11 p. m. m. studio program.

KMA Shenandoah, Ia. (461.3m-650kc) 9:11 p. m. studio program.

KMOX St. Louis, Mo. (220.2m-1070kc) 6:30 p. m. soluist; 7, Red and Gold 8, soloists; 9, program; 12-1, dance music. m. soluist; 7, Red and Gold 8, soloists; 9, program; 12-1, dance music. m. sorbestars; 7:30, program; 11-2, dance music. m. sorbestars; 7:30, program; 11, Pow. WOW 6 p. m. sorbestars; 7:30, program; 11, Pow. WOW 6 p. m. shibe class; 8, concert; 11, frolic. m. soloist; 7, Acces; 8, musicale; 12, orchestra. gazar; 9:10:38, elassical concert; 10:38-12, concerts; 0, p. m. bettime story; 6:30, orchestra; 7, Hearst Squar; 9:10:38, elassical concert; 10:38-12, concerts; 10:38-12, concerts; 10:38-12, concerts; 10:39-12, concerts; 10:39-

water Beach hotel erchestra; 11-2 a. m., orchestra; popular proporam.
WENR Chicago, III. (265.3m-1130kc) 6-7 p. m. organ; 8-10, trio; 12-2, orchestra, artista;
WFAA Dallas, Tex. (475.3m-850kc) 6:30-7:30 p. m. organ; 8-10, trio; 12-2, ormeert; 11-103, Baker and the state of the studio concert.
WHT Chicago, III. (399.8m-750kc) 6 p. m. Al Carney,
organist; 7:45 (238m-1260kc), Stuart Dawson; 9:30
(399.8m-750kc), Irnea and Albert; 11, Pat and Al,
WHO Chicago, III. (225.4m-1330kc) 6-3 p. m. ensemblo.

WIADAC Micago, III. (329.5m-910kc) 6:30 p. m. organ; 8. musical high lights; 8:30, dance music; 9, diversified music; 9:30, talk on care of the hair; 9:40, WIDC Mooseheart, III. (370.2m-810kc) 8 p. m. Victorians WLAC Nashville, Tenn. (225.4m-1330kc) 7-9 p. m. program.

# FARMER'S PROGRAM INDEX

Special Farm Features

Monday
Central Mountain 

White (44:3m-05/ke); If faine fainter fainter

KMA (461.3m-650kc), Farm talk, agricultural WEAO (293.5m-1200kc). Timely economic information for the farmers, Timely economic information for the farmers, 1135 1135 10:35 Conjugate of the farmers of t

Wolf (270.1m-110kg), Questions and answers on horizoiture.

WSB (428.3m-700kc), Goorgia State College farm course, 3:30
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school. WOS (440.9m-680kc), U. S. Radio Farm school. WRVA (256m-1170kc), Farmers' chat, Dibble,

WOI (270.1m-11/1000) hortschool.

KPNF (461.3m-650kc), Poultry talk.

WFNF (461.3m-650kc), Farm talk.

7.20

KOB (348.6m-860kc), Farm 7.30

KOB (348.6m-860kc), Farm 7.30

KOM (355.m-980kc), U.S. farm school, L.W. (199.3m-100)

WFAA (475.9m-630kc), Sars-Rochuck program, S.20

8:369

8:369

7:30

WFAA (475.9m-630kc), Sears-Rochuck program 10:30, 9:30 8:39 7:30 KOAC (280.2m-1070kc), laud drainage, crop grading, marketing, 9:15 8:15 KOAC (348.6m-800kc), Poultry talk, 9:30 KOAC (280.2m-1070kc), Agri, extension service.

Tuesday Central Mountain 9a. m 9a. m 7 KMMJ (229m-1310kc), Poultry talks, 10:30 9:30 8:30 WFI (394.5m-760kc), Farm feature, 7:30 VCC (416.4m-720ke), Farm feature.

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

WHB (365.6m-820ke), Farm flashes.

1:10 12:10 11:10 10:10

WMAQ (447.5m-670ke), Prairie Farmer farm talks.

1:13 12:13 11:13 10:13 WHO (526m-570kc), Radio Farm school 1:15 12:15 11:15 10:15 WEAO (293.9m-1020kc), Farm flash, crops and 1:30 12:30 11:30 10:30 KMA (461.3m-650kc), Agricultural aid.

KMÅ (461.3m-650ko), Agricultural aid.
1:35 (407.m-800ko), April 19, Corn sectors of the control WSB (428.3m-700kc), Georgia State College

\*\*\*Commission Commission Commissi

Federation, 9:30 7:30 6:30 KOA (322.4m-930ke), Farm question box. 7:10 WOW (526m-570ke), Poultry, pig troubles.

Wednesday

Eastern Control Mountain Pacific Latern (Control Mountain Pacific

WSB 4460-311-1906-1, farm correct 6:40 3:40 3:40 WFHH (355.4m-843.6kc), U. S. Farm school, 6:44 3:45 3:45 WGY (379.5m-790kc), WGY Agricultural pro-

WG x (379.5m-790kc), WG x Agricultural pro-gram. 6:10 5:10 4:10 WG (483.6m-66:30 Poultry talk, 5:30 4:30 WLW (422.3m-710kc), Farm Bureau Federation talk. WI.W (422.3m-710ke). Farm Bureau Federation talk, KSO 405.2m-740ket, U. S. Farm school, 4:45 WKAR (235.6m-1050ke). U. S. Farm school, 4:45 WKAR (235.6m-1050ke). U. S. Farm school, WAJD (243.8m-1232ke). U. S. Farm school, 5:27 KOA (322.4m-930ke). Radio Farm council. S:35 WCCO (416.4m-720ke), Farm talk.

Thursday

| Sestern | Gentral | Mountain | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30

course, 12 h, 11 10
WCCO (416.4m-720kc), Farm hour, WHB (365.6m-820kc), U. S. farm flashes, 1:10 12:10 11:10 10:10
WMAQ (447.5m-670kc), Prairie Farmer farm talks,

The state of the s

KPDY (300m-1000kc), Farm business cooperalion.

KMA 461.3m.-650.3a, Agricultural aid.

KSAC (340.7m.-850kc), April 28, inspir 10.38

KSAC (340.7m.-850kc), April 28, pardens, on spraying; garden topkes; April 28, gardens, on spraying; garden topkes; April 28, gardens, on 12.45

Lichard (270m-1101kc), Farm crops, 11

VSD (423.3m.-700kc), Georgia State college, 11:50

WLW (422.3m.-700kc), Georgia State college, 11:50

WLW (422.3m.-700kc), Georgia State college, 11:50

WDDO (239.9m.-1250kc), Primer for town farmeria, 11:50

WDDO (239.9m.-1250kc), Primer for town farmeria, 11:50

WDBO (239.9m-1250kc). Frumer for tuwn int-mers. 5:40

WFHH (355.4m-643.ckc). U. S. Farm school. 7:35

6:38

WKAR (285.6m-1050kc). Animal husbandry. 8:50 (405.2m-740.ckc). U. S. Farm school. 4:45

WKAR (285.6m-1050kc). Horiteulture, garden-

KOIL (305.9m-980kc), U. S. Government crop KOLL (305.5m-980kc), U. S. Government crowwith (243.6m-230kc), poutry talk (250.6m-260kc), poutry talk (250.6m-260kc), poutry talk (250.6m-260kc), poutry talk (250.6m-260kc), parm lecture. WOI (270m-111020kc), Parm lecture. WOI (240m-960kc), and crowd (270m-11020kc), parm crops. State (270m-11020kc), parm crops. State (270m-260kc), parm question box (340m-260kc), parm question box (340m-260kc), parm question box (340m-260kc), parm question box (340m-260kc), parm parm question box (340m-260kc), parm question box (340m-260kc),

Eastern Control of the Control of th

WHB (365.6m-820kc), U. S. farm flashes,
WLS 344.6m-870kc), R. F. D. dinnerbell proWLS 344.6m-870kc), F. F. D. dinnerbell proWEAO (293.9m-1020kc), Farm flash, dairying,
11:10
WMAQ (447.5m-670kc), Frairie Farmer farm
talks,
12:13
WHO (526m-570kc), Ratio Farm school,
11:15
WLA (270.1m-110kc), Ratio Farm school,
11:15
WLA (270.1m-110kc), April 15, Livestock
WLA (461.3m-650kc), Agril 15, Livestock
Wester April 20
What (270.1m-110kc), 11:35
WAG (340.7m-123.8m-11), 11:45
WLA (422.3m-110kc), April 15, Livestock
WLA (461.3m-650kc), Agricultural aid,
150
WLA (461.3m-100kc), Martiner pro160 (340.7m-123.8m), April 160
WLA (422.3m-110kc), Martiner pro160 (127m-110kc), Sissi
WLA (270.1m-110kc), Sissi
11:46
WLA (270.1m-110kc), Sissi
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WLA (270.1m-110kc), Sissi
13:40
WLA (270.1m-110kc), Sissi
14:40
Sissi (250.7m-564), Georgie State college
15:40
Sissi (250.7m-564), Georgie State college

WSB (423,3m-7000kc), teorgae Sante Source farm courses, 5.40 WHH (355,4m-84,5kc), U, 4.440 3.75 G-45 5.56 WRVA (256m-1170kc), Uicle Sant's farm flashes, 6.20 WDBO (239,9m-1250kc), Agricultural economist, WTIC (475.9m-630kc), Farm course, Agricultural

WCCO (416.4m-720kc), Zarm Jecture.

KOA (322,4m-930kc), Aggie Kickoffs. 8

11 M (305.5m-980kc), Aggie Kickoffs. 8

10 M (305.5m-980kc), Aggie Kickoffs. 8

KWSG (348.6m-980kc), April 15, Alfalfa hay; April 29, bee continuents. 1128 925 825

1128 (348.6m-228 925 825

Lasses, (348.6m-860kc), April 22, Poultry discusses, (348.6m-860kc), A

WLIB Chicago, III. (302.8m-990kc) 7-8 p. m. din-ner concert; 11-12;30, organ, orchestras. WLS Chicago, III. (344.8m-870kc) 6:40 p. m. College Inn orchestra; 7-1. trolic. WMAQ Chicago, III. (447.5m-870kc) 8 p. m. photo-logue; 8:50, Chicago theater revue; 9:30, song cycle; WMBB Chicago, III. (249.5m-1200kc) 7-2:30 p. m. Trianon ensemble; artists; 8:30-11. Trianon orches-tra, ensemble; Trianon ensemble; artists; 8:30-11, Trianon orchestra, onsemble; artists; 8:30-11, Trianon orchestra, onsemble; many constant, onsemble; artists; many constant, onsemble; artists; many constant, onsemble; many constant, o CHEESO, III. (\$480-timerouse) 7-15-05 at in the Cheeso Che WRK Dallas, 1ex. (243.0m-1200cc) e-9 p. m. musi-WSB Atlanta, Ga. (428.3m-700kc) 8 p. m. orchestra; 10:45, program. WSBC Chicago, Ill. (288.3m-1040kc) 6:30-8 p. m. dinner program; 9-1, entertainers, WSM Nashville, Tenn. (282.3m-1060kc) 6:45 p. m. dinner concert; 9, barn dance. popular programaus, La. (315m-340kc) 8:30 p. m. popular programaus, La. (315m-340kc) 8:30 p. m. wSoB. Milwaukee, Wis. (245.8m-1220kc) 8 p. m. dritists.

Mountain Time Stations
KOA Denver, Colo. (322.4m-300c) 10:15 p. m.
Scheuerman's Colorado orchestra.
Pacific Time Stations
KFI Los Angeles, Calif. (487m-642kc) 7:30 p. m. program; 12-9 program; 12-9 program; 12-10. classical program; 11-2 (KFOA Seattle, Wash. (484.3m-660kc) 8:30-9:30, musicale. sicale.

KFWB Hollywood, Calif. (252m-1190kc) 6-7 p. m.

Pontiac dinner hour; 8-9, program, Mona Motor
Oit Company; 9-10, musicale; 10-11, program; 11-12, orchestra.

KGO Oakland, Calif. (361.2m-830kc) 8:15 p. m. program; 9:15-1 a. m. Whitcomb band; Frank Gibney, Agram 15-1 a. m. Whitcomb band; Frank Gibney, solicis; Goldist, Go concert orchestra, dance music.

KNX Hollywood, Calif. (336.9m-890kc) 7:30 p. m. features; 10, Hotel Ambassador; 11, Saturday night KOIN Portland, Ore. (319m-940kc) 6-7 p. m. dinner concert; 10-1, dance music, concert; 10-1, dance music.

KOMO Seattle, Wash. (30.5 m-980ke) 7:30 Toten
concert orchestra; 11, program.

KPO San Francisco. Calif. (428.3m-770kc) 6:30 p. m.
States Restaurant orchestra; 8-1, dance music.

KPSN Pasadena, Calif. (315.5m-980kc) 8-9 p. m. Star
KPSN Pasadena, Calif. (315.5m-980kc) 8-9 p. m. Star
KPSN Pasadena, Calif. (399.8m-750kc) 8 p. m.

dance orchestra.

Saturlay, isilent night for: CFCA, KFDM, KFDW, KLX, KOB, KSWC, KTAB, KUOA, WPAL, WCAU, WCAU, WCAU, WCBD, WCOA, WSCH, WCK, WEBJ, WEMC, WFHH, WGBF, WGCP, WGHP, WGF, WHA, WHAD, WHB, WHN, WHO, WICC, WJAR, WILWL, WOAI, WOS, WEVA, WTIC, WVJ.

# SUNDAY, APRIL 17 **Church Services**

Eastern Central Mountain P 7:30 a. m. 6:30 5:30 KOA (322.4m-930kc) Knight Templar sunrise ice. 9:30 8:30 7:30 KVOO (374.8m-800kc) Mass, Holy Family church. 10 38 8 7 7 WIBO (226m-1330kc) Swedish Easter service.
WIP (508.2m-590kc) Holy Trinity church, 10-45 WCCO (416.4m-720kc) First Trinity Lutheran church, Z 1 12 11 KFI (467m-642kc) Temple Baptist church, KGO (361,2m-830kc) First Presbyterian church KGU (361,2m-830kc) First Preshyterian church service.

1-30 12:30 11:30

WLS (344.6m-870kc) Rev. H. F. Sandstedt, pastor of the Bethlehen Lutheran church, 3:15

KOMO (305.9m-980kc) St. James cathedral, 3

WIAP (475.9m-650kc) vesper service, Baptist seminary, WGHP (270m-1110kc) St. John's Episcopal church, WGHP (270m-1110kc) St. John's Episcopal church, WS (447,5m-670kc) Little Brown church in the 7120 6:29 5:20 4:20 Vale. 7:20 5:20 5:20 WCGO (416.4m-720kc) Second Church of Christ. Scientist. 7:15 5:15 Stylog (374.8m-800kc) Trinity Episcopal church, 8:30 WGH (270m-1110kc) First Church of Christ Scientist. ust, 9

KOIL (305.9m.980kc) "An Eastern" program, All Saints Episcopal choir Printip Lutheran church. WHAD (275.1m.1090kc) Special Easter program, Trinity Lutheran church. WLWI. (384.4m.790kc) Special Easter program, Trinity Lutheran church, WLWI. (384.4m.790kc) Special Easter program, Trinity Lutheran church, WLWI. (384.4m.790kc) Sermon, Paulist choristers, WLWI. (382.4m.90kc) Pilgrim Lutheran church services, 9:45

KOA (322.4m.930kc) Service of Communication of the church services and Church. 

# SUNDAY, APRIL 17 Headliners

Eastern Central Mountain
3 p. m. 2 1
WENR (266 n-1130kc) Oriental quartet. Pacific 12

Eastern 2 22:30 Mountain 12:30 MWWJ (352.7m-350kc) Detroit symphony. 4 CCO (416.4m-720kc) Normand male chorus. 4 WIBO (226m-1330kc) North Dakota university glee club. 5:30 5:30 4:30 WJZ (454.2m-660kc) Utica Jubilee singers. 8:30 PWX (400m-750kc) Army band. 5:30 9WKHO (526m-570kc) Hotel Fort Des Moines orches-WJZ (454.2m-660kc) "Alaska," Cook's travelog. KFI (467m-642kc) Russian Academy of Music Art. WCAU (277.6m-1080kc), Philadelphians, WJZ (454.2m-660kc) Giovanni Martinelli, tenor. 9:10 8:10 7:10 6:10 WPG (299.8m-1000kc) Giovanni Martinelli, Metropolitan tenor. politan tenor, suvvann alartunelli, Metro9.18 815 (491.5 m. 610xc), WF 115 (94.5 m. 6018)
(WELEI (494.5 m. 600xc)), WF 115 (94.5 m. 600xc)
(WELEI (494.5 m. 600xc)), WF 115 (94.5 m. 600xc)
(WELEI (494.5 m. 600xc)), WF 115 (94.5 m. 620xc), WCO
(483.6 m. 620xc), WYAR (483.6 m. 620xc), WCAM
(380.4 m. 770xc), WSD (545.1 m. 550xc), WTAM
(380.4 m. 770xc), WRD (545.5 m. 650xc), WCAM
(380.4 m. 770xc), WRD (545.5 m. 650xc), WCAM
(325.9 m. 920xc), WRAS (399.8 m. 750xc), WGAM
(325.9 m. 920xc), WSM (282.8 m. 1060xc), WCAM
(379.5 m. 790xc), WMC (499.7 m. 650xc), VGAM
(379.5 m. 790xc), WMC (499.7 m. 650xc), Jeannette
Vzeland, Soprano.

9:30 6:30 PWX (400m-750ke) Sevilla-Biltmore orchestra. WFAA (475.9m-630ke) Ruth Muse. WGBS (416m-950ke) Special Easter program also to WIP.

to WIP. 10 10 CNRW (405.2m-740kc) Jasper Park Lodge orchestra. KFAB (340.7m-880kc) Frank Moore's studio players. KTHS (374.8m-800kc) Music Lovers Hour-Meyer Davis Orchestra. WHAD (275.1m-1090kc) Jean Hammond and Her Tune Tinkers WHB (365.6m-740kc) Easter program, Frederick Curth players

10:15 9:15 8:15 WEAF (491.5m-610kc) Olga Petrova, drama, 10:30 (293.5m-oissec) Ulga Petrova, drama, 10:30 (295.5m-oissec) Ulga Petrova, drama, 17:30 KPKC (295.5m-oissec) Marie Lassical massic. SINGUL (1957.1m-829.6kc) Semi-classical massic. Marie Lassical massic. Marie Lassical Marie Las

City Festival choir.

KFI (467m-642ke) Kitty Short, soprano.

8 KFI (467m-642ke) Kitty Short, soprano.

11:45 9:45 8:45 KFNF (461,3m-650ke) Methodist Church services, 12 mid.

12 mid. 11 10 9 KGO (361,2m-830ke) Beni's Little symphony, PWX (460m-750ke) Montmattre club. WFAA (475.9m-630kc) La Mariguita and her Cas-tilian orchestra.

1 a. m. 12 11 10 KFI (467m-642kc) Alma Frances Gordon, contralto.

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# Regular Sunday Features

Eastern Time Stations
CFCA Toronto, Can. (356.9m-840kc) 11 a. m. services: 7 p. m., church service.
KDKA Pittsburgh, Pa. (309.1m-970kc) 11 a. m. service; 4 p. m. organ; 445, service; 6; 30, little symphony; 7.45, service; 9, WIZ; 9:30, WIZ.
WY3, Havama, Cuba (399.8m-750kc) 8:30 p. m. songs;
WAIU Columbus, Oble (293.9m-1020kc) 7:20 p. m. church, service. WALL Cottunes, Mole (293.5m-1/20ke) 7:20 p. m. WBAL Baltmere, Md. (26m-1/20ke) 5:20-7:30 p. m. orchestra.

WBAL Baltmere, Md. (26m-1/20ke) 5:03-7:30 p. m. orchestra.

WBBR New, N. Y. (416.4m-7/20ke) 10 a. m. orchestra.

WBBR New, N. Y. (416.4m-7/20ke) 10 a. m. orchestra.

WEZ Springfold, Mass, (333.1m-900ke) 10:45 a. m. oscricos; 6:30 p. m. ensemble; 7, organ; 7:30, pro-workerra; 7:15, WEAP; 9:15, WEAP (6:30 p. m. orchestra; 7:15, WEAP; 9:15, WEAP (7:30, WEAP; 9:10, WEA church service. WBAL Baltimore, Md. (246m-1220kc) 6:30-7:30 p. m. 

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moments time. Connect with set and
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WJZ New York, N. Y. (454.3m-660kc) 9. s. m. children's hour; 11-12:30, Fark Avenue Baptist church; 3:55-5:30 m. n. vesser service; 7, organ; 8, orchestra; 8:30, Cook's tour; 9, orchestra; 9:30-10:30, Culler's review, WJZ, KJNZA, KYW, Jl a. m. Seventh Presbyterian church; 3 p. m. organ; 7:30, service; 8:30, Beethoven poptam; 8:50, Crosley concert orchestra; 6. N. Y. (224.4m-780kc) 8-9:15 p. m. Paulis Program; 12:00, 10:25 a. m. service; 3 p. m., WEBI; 7:50, First Church of Markey States of the Program of the Program of the Cookies of the Coo

ginians.

WNAC Boston, Mass. (430.1m-697kc) 10:55 a. m. service; 7:30, evening service; 9:05, symphony or-

Service; 1/30, evening service; 200, 37,manus, chestraryk, N. J. (405,2m-740ke) 6 p. m. ensem-WO 12,745, concert.
WPG Atlanthe City, N. J. (299,3m-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.

9:10, concert orchestra; 10, Sunday evening concert.
WRC Washington, D. C. (468.5m.480kc) 11 à. m. service; 1, m. chapel; 6:45, vespers; 7:20, WEAF,
WSAI Cincinnati, Ohio (325.9m.920kc) 11 à. m. churd service; 3:45 p. m. chimes; 4:5:30, WEAF,
S. sermonette; 9:15, WEAF,
WSKC Bay City, Mich. (200.7m-1150kc) 11:12 noon

WTAG Worcester, Mass. (545.1m-550kc) 7:20 p. m. WEAR; WEAR WEAR WEAR (No. 10:45 a, m. service; 3 p. m. musicale; 6:30, hotel orchestra; 7, theater orchestra; 8, services; 9:15, WEAF; 10:15.

orchestra.
WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. State

William Tarcorou. (18-3m-3euce) 9 p. m. State WWJ Detroit, Mich. (382-7m-820kc) 10 a. m. service; 3:30 p. m. orchestra; 7:20, WEAF; 9:15, WEAF. Central Time Stations
CKY Winnipeg, Can. (384-m-780kc) 11 a. m. Wesley church; 7-8:30 p. m. First English Lutheran church; 9:10, Royal Alexandre hotel.
KFAB Lincoln, Neb. (347m-880kc) 9-10:30 p. m. KFAB Lincoln, Neb. (347m-880kc) 9-10:30 p. m. church service.

KFH Wichita, Kan. (200m:110ms) p. m. KFH Wichita, Kan. (200m:110ms) p. m. Seed House song service; 3. program; 6:30. Golden Rule Circle, KLDS Independence, Mo. (240.5m-680kc) 8:30 a. m. Britannia, M. (240.5m-680kc) 8:30 a. m. Seed Church; p. m. Radio church; 6:30. vespers; 8. studio service, m. Radio church; 6:30. vespers; 8. studio service, m. Radio church; Sarred wrotram.

KMA Shephers of Studio Service (Sci. m. e50kc) 4-6 p. m. sacred program.

KMOX St. Louis, Mo. (286.2m-1070kc) 8 p. m. orchestrone (Sci. m. e70kc) 8 p. m. orchestrone (Sci. m. e70kc) 9 p. m. orchestrone (Sci. m. e70kc) 9 p. m. e70kc) 11 a. m. First Congregational church: 7, children's hour; 7:30, program: 11, Paramount orchestrone (Sci. m. e70kc) 11 a. m. Erist Congregational church: 7, children's hour; 7:30, etc. church service; 9:30, evenior occert; 7:30 p. m. etchirch service; 9:30, evenior occert; 10, a. m. M. E. Children's erich (Sci. m. e70kc) 9:10, m. service; 9:945, Meyer Davis ensemble; classic hour concert; 10, organist. Ky Consent hour; 7:15, church service; 10, organist. Ky Consent hour; 7:15, church service; 2, organist. Ky Consent hour; 11, church service; 1, organist. Ky Consent hour; 11, church hour; 11,

Sacred music.

KYW Chicago, Ill. (535.4m-560kc) 11 a. m. Central church service; 4:30 p. m. studio concert; 8-9:30, WJZ; 9:30-11, classical concert.

WAMD Minneapolis, Minn. (243.8m.1239kc) 10:20 a. m. service; 6 players; 9:15, Gayle Wood. M. Far Fort Worth. Texas (475.8m.520kc) 11 are services, 16 players; 9:15, Gayle Wood. M. Far Fort Worth. Texas (475.8m.520kc) 11 are services, Baptist seminary; 9:30-11, Sorin-White Texas hotel orchestra. (228m.1230kc) 8 p. m. Cooperation of the cooperation of the

orchestra.

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

WGBF Evansville, Ind. (228,1m-1270kc) 7:30 p. m. services.
WGN Chicago, Ill. (302,5m-890k; 6:45-7, m. hlack-services.)
WGN Chicago, Ill. (302,5m-890k; 6:45-7, m. hlack-services.)
Sing; 7:20, Olf Fashioned Almanack; 7:30, Drake concert ensemble; Correll and Gosden; 8. Auld Sandy; 8:15, WEAF; 9:15, Our Music Room; 10. Sam in Henry; 10:10, Armand Buisseret, violinist; Sandy; 8:15, WEAF; 9:15, Cur Music Room; 10. Sam in Henry; 10:10, Armand Buisseret, violinist; MHAD Milwaukee, Wis, G275,1m-1090kd, 3:15 p. m. haseball; 8, concert company; 9, popular program. WHAS Louiselle, Vx, (399,8m-750kc) 10 a. m. services; 4:30:5:30 p. m. choral evensong; 6:20, WEAF; 6:15, WEAF;

es, Iowa (526m-570kc) 11 a. m. serv-Bankers Life Little symphony; 7:30-WHO DES Momes, 10wa (256m-200c) 14 a.m., 27:30-6:350, orchestra.
WHT Chicago, III. (399.8m-750kc) 1 a.m.-12 mid., Faul Rader.
WHBO Chicago, III. (225.4m-1330kc) 6-7 p. m. ensemble (7-8). Lorraine hour; 10-12, orchestra.
WHAC Chicago, III. (225.5m-910kc) 6:30-9 p. m. Sun-

Wiled - 8, Lorraine nour; 10-13 orchestra, Wiled - 8, Lorraine nour; 10-13 orchestra day evening concert.

WiJD Mooseheart, III. (370.2m-610kc) 67:58-34:5 a, m. Catholic services; 9:30-10-30, Protestant services; Catholic services; 2:30, 10-30, protestant services; 2:30, Sacred Song service; 3-4, popular concert; 4-5, Palmer House Sunday symphony orchestra; 0:50, state snecialties, under symphony orchestra; 0:50, state snecialties, consideration of the concerning of the conce

service. WLIB Chicago, Ill. (302.8m-990kc) 5-6:15 p. m. pro-

WLIB Chicago, Ill. (3402.8m-590kc) 5-6:15 p. m. pro-WER Chicago, Ill. (344.6m-70kc) 10;45 a. m. Uni-versity of Chicago service; 12:15, Elsie Mac Look, organist; 1:30-2:30, chaple service; 6-8. WLS Little WMAQ Chicago, Ill. (447.5m-630kc) 7, Chicago Sunday Evening Chicago, Ill. (249.5m-1200kc) 7, Chicago Sunday Evening Chicago, Ill. (249.5m-1200kc) 10;50 m. Sun-Scientist; 9-11, Trianon orchestria, artist of Christ, WMC Memphis, Tenn. (490.7m-500kc) 11 a. m., church service; 6-30. WEAE; 8:13. WEAE; 80cc) 11 a. m. Wirst Presbyterian church; 7:45, Central Christian church.

WOC Davenort, Iowa (483.6m.520kc) 1-2 p. m. old folks' musicale; 6:30-7, church service; 8:15-915, WEAF; 10-11, Palmer Little symphon; work Chicago, III. 410.7m.720kc) 9-12.30 a. m. or-WOC Kinesso, III. 410.7m.720kc) 9-12.30 a. m. or-WOC Kansas City, Mo. (278m.160kc) II a. m. Unity service; 7 p. m. evening service; 7:45, Grand Avenue Methodist church

WORD Chicago, III. (275.1m-1986kc) 10 a. m. I. B. S. A. service; 2:20 p. m. (Chicago Rapid Transit romany program; 3:30, Blife Jecture; 7, Webster comany program; 3:30, Blife Jecture; 7, Webster comany program; 8:10, Blife Jecture; 7, Webster Chicago, 10, p. R. Stater Flansanis Boys konna period; 1:30, p. m. Father Flansanis Boys konna period; 6, Bitle study; 9, chapel service. Webster Chicago States (1), p. m. Feople's church; 3:4, musical program; 8:10, p. m. Feople's church; 3:4, musical program; 8:10, popular program; Rainbo Gardens orchestra. WRR Dallas, Tec (245.6m-120kc) II. a. m. service; WSB m. service; 9:30, program; 8:40, p. m. Service; 9:30, program; 8:40, p. m. Service; 9:30, program; 8:40, p. m. Service; 9:30, program; 9:315, WMAE, 2. Sp. m. service, 97:30, program.

WSB Atlanta, Ga. (282.3m-700kc) 6:20 p. m. WEAF;

91:5, WEAF,

WSBC Chicago, III, (288.3m-1040kc) 5-7 p. m. Sunday

concert; 97:1, concert.

WSM Nashville, Fenn. (282.8m-1060kc) 6:20 p. m.

WEAF; 71:5, service; 91:5, WEAF;

WEAF; 7:15, service; 9:15, WEAF.

Mountain Time Stations

KOA Denver Colo. (322,4m-395ke) 11 a. m. church service; 3 p. m. afternoon musicale; 6:30, organ; 7:45, church service.

Pacific Time Stations

KFI Los Angeles, Callf. (467m-542kc), 7-8 p. m. organ; 8:9, classic hour; 9:10, Bob Bortger's Veneran; 8:9, classic hour; 9:10, Bob Bortger's Veneran; 8:9, classic hour; 9:10, Bob Bortger's Veneran; 8:9, 11, irolic. (322m-1990kc) 8:39-9 p. m. Williams; 9:11, irolic. (322m-1990kc) 8:39-9 p. m. Williams; 9:11, irolic. (322m-1990kc) 12, m. service; 6:307-7:30, little symphony; 7:35, service; 9:10, 32mphony; 7:35, serv 





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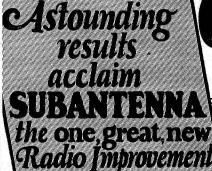
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"Subantenna you shipped me now working and results are good. Had WJZ, WLS, KDKA, WTAX, WSM and others during thunderstorm." Signed L. T. DONALDSON, M. D., Louisiana

Louisiana
"I have a six-tube set and after installing Subantenna I received greater distance than ever before. On January 18th, I received a program on my set broadcasted from Buenos Aires, South America, at 10:15 in the evening. I never could receive such disce on my outside antenna." Signed C. FREYMUTH, River Forest

"I am able to report that static which was a source of much annoyance before, has been entirely eliminated so far as I am able to observe. For clarity and for its contribution to selectivity I think the Subantenna is the best device I have ever had any experience with. Signed, REED L. PARKER, Chicago.

"I am glad to report to you the won-derful reception that I am receiving without interference or static of any kind. It is, indeed, a wonderful thing for radio and my opinion is that it will revolutionize the industry." Signed, CARL DESSAUER, Kansas.

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Address.....

KPO San Francisco, Calif. (428.3m-700ke) 6 p. m. States Restaurant orchestra; 6:35, Falace hotel conholic concert orchestra; 10:42, Frianon ballroom. KPSN Passadena, Calif. (315.6m-950kc) 10:30 a, m. Family Altar service, United Brotherhood; 6:7 p, m.

concert. KYA San Francisco, Calif. (399.8m-750kc) 11 a. m. Central Methodist Episcopal church; 7:30 p. m.

Sunday, silent night for: CKAC, CKNC, CNRW, KFDY, KFSD, KLX, KOB, WABC, WCFL, WCOA, WDAF, WFI, WGBF, WFHH, WGHP, WHAD, WJJD, WJR, WLIT, WLWL, WNYC, WOI, WOO, WOR, WSMB, WRVA.

## MONDAY, APRIL 18 Headliners

| Central | Mountain | Pacific | 15:30 | Mountain | 4:30 | Mountain | Mount

Will' (365.6m-820kc) McTagert and Jensen nat-mony team. 7-30 6:30 5:30 Krist (461.3m-650kc) John Behling and Old Time Fiddlers. 8-33 WTG (299.8m-1000kc) James W. Way, Ace tenor. WLAG (225.4m-1330kc) Commodore's orchestria. 73 (265.5m-530kc) Commodore's orchestria. 73 (265.5m-530kc) Windsor hand. WTG (475.5m-530kc) Windsor hand. WTG (475.5m-630kc) Windsor hand. WTG (275m-130kc) Windsor hand. WTG (275m-130kc) Windsor hand. WWG (275m-130kc) Windsor hand. WWG (275m-130kc) Windsor hand. WWG (275m-130kc) Windsor hand.

KWWG (278m-1980ke) MTS. G. J. CUTBELL, SW-WIRD (236m-270ke) Haysed hand. WSMB (319m-940ke) Billy Broussard, Louis Boyer. 10 CKNC (357m-840kc) Little symphony. KFI (467m-462kc) Maisi Box Hour. KRI (467m-465kc) Marinha, Hugo Heyn. KRI (467m-465kc) Marinha Hugo Heyn. KRI (467m-465kc) Marinha Hugo Heyn. KRI (467m-465kc) Marinha Serenade by Mayer Davis corbestrack: Spanish Serenade by Mayer WEAF (491.5m-610kc) and chain, "Tales of Hoff-man."

WEAF, (491.5m-610kc) and chain, "Tales of Hoffman, (40.9m-680kc) Christian college program,
10:13 (40.9m-680kc) Christian college program,
10:14 (19.15 (1

tra. 11:30 10:30 9:30 8:30 ROMO (305.9m-980kc) "Robin Hood," Totem or-

Strict 1. 10:40 9:40 8:40 H1:40 11:40 11:40 11:40 11:40 11:45 11:45 11:45 W.B (428.3m-700kc) Charlie Troutts Melody articles

1815. 10:55 9:55 11:55 9:55 11:55 9:55 in Blue. 1 a. m. 12 11 10 KFI (46/m-642kc) vaudeville artists, by Meikle-jolin Bros.

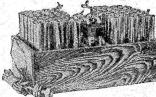
# Regular Monday Features

Eastern Time Stations

EFGA Toronto, Can. (356,9m-840kc) 7:15, organ recital, Clifford McCormick,
EDKA Pittsburgh, Pa. (309,1m-970kc) 7 p. m.
W148, 5:30, concert; 9:20, W1Z
W4WM, Concert; 9:20, W1Z
W5WM, Concert; 9:20, artist recital; y, &.ingsasic and, 20 feb. 120kc) 6:30-7:30 p. m. Hon. Baltimore, Md. (246m-120kc) 6:30-7:30 p. m. createstra; 7:30-8. organ recital, Frederick Weaves (25 feb. 12 feb program.
WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. William
Penn hotel orchestra; 7:45, talks; 8:30, WEAF; 9-11, Penn hotel orchestra; (173), catal. WEAF WEAF WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. racital; 8, hour of music; 9, musicale; 11:30, Parrecital; 8, hour of music; 9, musicale; 11:30, Par-odians' dance orchestra, WCSH Portland, Mc. (499.7m-600kc) 9 p. m., WEAF; 10, WEAF; 11, organ, WCX Detroit, Mich. (516.9m-580kc) 6 p. m. dinner program, Goldkette ensemble; 6:15, Skeezix time; WCX Detroit, Mich. (b18-Jin-20005), o R. m.; program, Goldkette ensemble; 6:15; Skeezix time; program, Goldkette ensemble; 6:15; Skeezix time; U.S. detroit of the program, Fla. (239-Jin-1250kc) 8:55 p. m.; citrus ialic, 9:10, musicale.

WEAF New York, N. Y. (915-M-610kc) 6 p. m. dinner music; 7; music; 7:30, National String quarter, KSD; 8, od-time ministrels; WLIT, KSD; 8:30, Hire's, Harvestern, WEELWAGA, WLIT, WAR, Q. A. & P. Gyrsies, WEEL WIAR, WCSH, WCAE, WTAM, WLIT, WM, WDAE, WSAI, WRC 10, WEAF Grand Opera company, WJAR, WCAE,

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WCSH, KSD, WDAF, WSAI, WLIT, WRC, WTAG; 11, Rolle's Palais D'Or orchestra. WEI Boston, Mass. (348,6m-880kc) 645 p. m. Big Brother: club; 8:30-10, WEAF: 10, music. WFHH Clearwater, Fla. (358,5m-848,5kb) 8:30 p. m. studio musicale; 10:30, Radio Rambiers, phila French Room orchestra 60kc) 6:45 p. m. Adelphic Wench Room orchestra 60kc) 6:45 p. m. Adelwick, WCSB New York, N. Y. (315,6m-950kc) 6:30 p. m., trio.

WGHP Detroit, Mich. (270.1m.+110kc) 6.50 p. m., WGHP Detroit, Mich. (270.1m.+110kc) 6.5 p. m. dinner concert. Hold Tuller; 8-8:30, Little symphony orchestra; 8:30-9:30, famuus composers houri; 9:30, was must composers houri; 9:30, WGR Buffale; 1. V. (319m.940kc) 6:30.7:30, p. m. dinner music; 8:30, musicale; 9:10, dance program; 11-1, supper music. WGT Schmeentody, N. Y. (370.5m.790kc) 6:30 p. m. WHAZ Troy, N. Y. (370.5m.790kc) 8-12 mid., music, talks. WHK Cleveland, Ohio (272.6m-1100kc) 7-9 p. m. specialty night; 9-10, studio concert; 10-11, sere-

Specialty night; 2-10, Sunno Comes, Specialty night; 2-10, Sunno Comes, Sundo Comes

WHAS, WSM, MSM, 50300, 50300, 50300, 5030, 5030, 5030, 5030, 5030, 5030, 5030, 50300, 50300, 50300, 5030, 5030, 5030, 5030, 5030, 5030, 5030, 5030, 5030, 5030, 50

WLWL. New York, N. Y. (384.4m-780kc) 8-11 p. m. program.
WMAK Buffalo, N. Y. (285.5m-1130kc) 6:15 p. m. dinner music; 7:30, dance program: 8. concert.
wm. of the control o ning program.

WOO Philadelphia, Pa. (508.2m-590kc) 8:30, address,
Rev. Forest E. Dager; 9, concert; 10:30, dance or-

Rev. Forest E. Dager; y. concert; 10.50, unacce-chestra.

WOR Newark, "N. J. (405,2m-740kc) 6:15 p. m. Jacques Jacobs' Hotel Shelton ensemble; 6:45 mussic; 7, Jacques Jacobs' Hotel Shelton ensemble; WPG Allantic City, N. J. (2928,m-1000kc) 7:10 p. m. Arthur Brook, organist; 7:30, Hotel Morton dinner music; 8:05, quartet; 8:30, program; 10;30, studio program; 11, dance orchestra; 11:45, Gateway Casino.

WRC Washington, D. C. (468.5m-640kc) 6 p. m. WEAF; 7, WJZ; 8:30-11, WEAF; 11-12, syncowilds. WRVA Richmond, Va. (286.8m-1170ke, 9, "Virginia Folk Lore," Dr. Douglas S. Freeman; 9:10, music; 11, Hote Richmond Winter Garden orchestra. WSAI Cincinnati, Ohio (325.9m-200ke) 8:30, WEAF; 9, WEAF; 11, dance music. WSKO Bay City, Mich. (280.7m-1150ke) 9-11 p. m. dance music wilds. WING Worster, Mass. (545.1m-550ke) 8 p. m. WTAM Clevaled Ohio (329.4m-270ke) 6 p. m. erche.

program; 10, WEAF.

WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. orchestra; 7, Park Theater orchestra; 8, orchestra; 8:30,



WEAF; 9, WEAF; 10, studio concert; 11:30, WEAF; 9. WEAF; 10. Studio COLUCUI; ALEAN, UTGAL HAVE COME AND COLUCTE; ALEAN, UTGAL HAVE COME AND COLUCTE; ALEAN, UTGAL HAVE COLUCTE, ALEAN, UTGAL HAVE COLU

CKY wear CKY was a constraint of the constraint KOLL Council Bluffs, Iowa (365.9m-980kc) 7:30, musicale; 8, program; 9, play; 10, Crosley hour; 11,
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WCOA Pensacola, Fla. (252m-1190kc) 7 p. m. pro WCOA Pensacola, Fla. (252m-1199kc) / p. m. prugram,
WDAF Kansas City, Mo. (385.6m-820kc) 6-7 p. m. school of the air; 8-9, WEAF; 9-10, WEAF; 11:45WEAF (11:45-11 gram.
WGBF Evansville, Ind. (236m-1270kc), 7:20 p. m. children's program; 7:40, Gospel trio; 8:30, studio program; 10:35, orchestra.
WHAT Milwaukes, Wis. (275.1m-1090kc) 6:15-7, dance dance selections; 8:30-9:30, program; 9:30-10, dance program; prog WOW Omaha, Nebr. (526m-570kc) 6 p. m. orchestra; 6:50, classical; 9, Nash-Finch orchestra.



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		Mar 17.
City	State	

WRR Dallas, Tex. (245.8m-1220kc) 6 p, m, music; 8, band; 9:30, frolic; 11, poets' hour, WSB Atlanta, Ga. (428.3m-700kc) 6, WEAF; 10:45, program.
WSMB New Orleans, La, (319m-940kc) 8:30-10:30 p. m., dance night, WSOE Milwaukee, Wis. (245.8m-1220kc) 7 p. m. program.

WSOE Milwaukee, Wis. (245.8m-1220kc) 7 p. m. program.

Mountain Time Stations

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

KOB State College, N. M. (345.6m-930kc), 7:30 p. m. Stations

Pacific Time Stations

KFI Los Angeles, Callt (467m-642kc) 7:8 p. m. music: 8-9, popular program; 9-10, program, Walter M. Murphy Motors Co.; KFO: 10-11, program by Mily Motors Co.; KFO: 10-11, program p. KFI Los Angeles, Callt (467m-642kc) 7:8 p. m. music: 8-9, popular program; 9-10, program p. 9-10, program p Spokane, Spokane, (508.2m-590kc) 8-9 p. m. Studio program; 9-10, Lake Merritt Ducks.

KMTR Hollywood, Calif (370.2m-810kc) 8-10, pro-KNX Hollywood, Calif. (336.9m-890kc) 7:30 p. m. playlet; 8, program; 9, feature; 10, feature; 11,

playlet; 8. program; 9. feature; 10, feature; 11, KOM Portland, Ore, 633m-940kc) 6 p. m. dinner concert; 7:30, educational talk; 8, program, KOMO Seattle, Wash, (305,9m-980kc) 8:30 p. m. light opera; 10:30, musicale, KPO San Francisco, Calif. (422.3m-700kc) 6:30-7 p. m. KPO San Francisco, Calif. (422.3m-700kc) 6:30-7 p. m. Fairmont hotel an occlustra; 7:730, Mudy Senger's Studio program; 10:11, Califrains; 11:12, variety hour, KWSC Pullman, Wash, (348.6m-860kc) 7:30 p. m. students concert.
KYA San Francisco, Calif. (392.8m-750kc) 7:15 p. m. trop; 8, popular night; 10, orchestra.

Mondoy, silent hight for CFCA, CKAC, CKCL, KFDM, KFDY, KG, KHL, KLDS, KFSM, KYW, WBBM, WCD, WCF, WEHL, WEBJ, WENR, WFI, WGBF, WGS, WGS, WGY, WHAS, WHT, WHO, WIP, WHAZ, WJJD, WJB, WLS, WMAQ, WMBB, WOAI, WOC, WOK, WORD, WQJ, WSAI, WSM,

## TUESDAY, APRIL 19 Headliners

Eastern Central Mountain Pacific 6:55 p. m. 5:55 4:55 3:55 GBS (316m-950kc) Lulius King, "Ojibway Legends."  Eastern Central Mountain Pacific State Print Mountain Chinology (ASS) Superior Justice Mountain Chinology (ASS) State Print Mountain Chinology (ASS) Associated Print Mountain Chinology (ASS) Associated Print Mountain Chinology (ASS) Associated Print Mountain Chinology (ASS) (ASS) Associated Print Mountain Chinology (ASS) (A 9 8 7 CNRA (356,9m-840kc) Mount Allison Ladies' col-KLDS (440.9m-680kc) "The Mikado." KMOX (280.2m-1070kc) World Tour in Realm of Music.
WGBF (236m-1270kc) Lincoln Villa Girls.
WHB (365,6m-820kc) American Legion band,
WPG (299,8m-1000kc) Chalfonte-Haddon hall dual

WMAQ (447.5m-670kc) Woman's symphony or-chestra. 9:30 chestra, 9,300 f.750k; Sevilla-Biltmore orchestra. 9,300 pWX (400m-750ke) Sevilla-Biltmore orchestra. WGBS (10m-950ke) Evangellsite Mixed Quartet, WHO (£25m-570ke) Claire Marshall, popular songs. 10 9 KFI (467m-642ke) Tarvin Sisters. WENR (£66m-130ke) Shamrock and Snowball. WHB (£65 £1m-20ke) Jiann Kour. WHB (£65 £1m-20ke) Jiann Kour. WHB (£65 £1m-20ke) Jiann Lour. WHB (£65 £1m-20ke) Jiann Lour. Physics (£65 £1m-20ke) Jiann Lour. program, WLAC (225.4m-1330kc) vocal pupils, Mrs. R. B. Bennett.
WSM (282,8m-1060kc) Elmo C. Hood, pianist. 11 10 9 8
KFI (467m-642kc) Gattone String Quartet.
11:15 10:15 9:15 8:15
KOMO (305.9m-980kc) Negro sketches, Bettie Sale Siewart.

Siewar

Regular Tuesday Features Eastern Time Stations
CKAC Montreal, Que., Can. (410.7m-730kc) 7:15 p. m.
dinner concert; 8:15, hop; 9:30, bridge; 10:30, dance

program.

KDKA Pittsburgh, Pa. (309.1m-970kc) 6 p. m. little sympliony; 7:45, address; 8-11, WJZ; 11:35, Grand symphony; 7:30, audicess, 6-11, w, 21.

theater, 19WX Havana, Cuba (399.8m-750kc) 9:30-11 p. m. Sevilla-lilimore orclestra.

WAAM Newark, N. J. (283m-1140kc) 6 p. m. orchestra; 7, spors; 7:15, program; 10, musicale.

WAIU Columbus, O. (293.9m-1020kc) 10 p. m. song shon. WAIU Columbus, U. (298.5m-1920kc) 6:30-7:30 p. m. Sove, shop, which is a superscript of the state of the stat WBBR New York, N. Y. (416.4m-720kc) 7:30 p. m. program.
WBZ Springfind, Maas: (232.1m-200kc) p. m. Mirrh
WBZ Springfind, Marse (232.1m-200kc) p. m. Mirrh
WBZ Springfind, Marse (232.1m-200kc) p. m. dinner
concert; S. program; McAF: (1), bridge; 10:30,
WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. dinner
concert; S. program; S. WEAF: (1), bridge; 10:30,
WCAU Philadelphia, Pa. (277.6m-1690kc) 7:30 p. m.
instrumental trio; S15; program; 8:30, recital; 9,
mastic; 9:30, Robert Fraser, blind gospel singer; 10,
WCSUF Portland, Mc. (492.7m-650kc) 8 p. m. WCAF;
8:30, Evangeline hr.; 9, Service Boys.
WCX Detroit, Mirk (1516.0m-560kc) 6 p. m. dinner
10; Red Apple Club,

musicale. WEEI Boston, Mass. (348.6m-860kc) 7:30 p. m. inter-collegiate broadcast; 7:45, musicale; 8-8:30, pro-gram; 8:30, musicale; 9-10:30, WEAF; 10:30, cruis-ing the air. with the fir.

WFHH Clearwater, Fla. (355.4m-843.6kc) 8:30 p. m. arcogram; 10:30, Radio Ramblers.

6;45, Adel. archarafter 6;45, Adel.

WFHH Clearwater, Fla. (35.54m.843.skc) 8:30 p. m. program: 10:30. Radio Ramibers.

WFI Philadelphia, Pa. (394.5m.760kc) 6:45. Adelphia, dance orchestra: 8. WEAP; 8:30. WEAF; 10. Moment Missicale: 10:30, orchestra: WCBS, Adelphia, dance orchestra: 8:30. WCBS, and a second of the control of t

wilp Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. WilP Philadelphia, Pa. (508.2m-590kc) 6:10 p. m. dinner music; 7, Uncle Win; 8, dramatic reviews; 8:10-10:05, evening program; 10:05, Emoa weekly broadcast; 10:30, orchestra.

WJAX Jacksonville, Fla. (336.5m-890kc) 7-7:30 p. m. dance music: 8-9, popular program; 10-11, Jackson ville Little symphony; 11-12, dance music.

WJR Detroit, Mich. (516.3m-590kc) 7 p. m. studi WJZ New York N. St. (330, Manual Clarge gipts, 10-12, p. m. ville Little WJZ New York N. St. (340, Manual Clarge gipts, 10-12, p. m. ville Dole; 7-15, orchestra; 7-45, First National To-Be-Weds, WBZ-WBZ-M, KNKA, XVW. 8, Strombers Carlson hour, WBZ-WBZ-A, KDKA, XVW. 9, Grand open, RDJA, KNW, 10, Don Amazio, KDKA, WLW Clucimati, Ohio (422.3m-710kc) 8, studio; 9. Formica orchestra. Formica orchestra. WLWL New York, N. Y. (384.4m-780kc) 8:30 p. m.

Music Number of the Market Number of the Num music.

WMCA New York, N. Y. (340.7m-880kc) 6:30 p. m Broadway chat; 7. Joe Friedman's; 11, Hotel Mc-Alpin orchestra, Alpin orchestra, WNAC Boston, Mass. (430.1m-697kc) 7:50 newspaper with the control of the control of the control of the music, 8 artists; 9, program; 10:05, dance music,

10. bridge; 10:30, Stum prop. am. orchestra; WRC Washington, D. C. (488:m-640kc) 7 p. m. things talked about; 7:30, orchestra; 9, WEAF; 10. WEAF; 10:30-11:30, WEAF, WEAF, 10:30-11:30, WTAM Cleveland, Ohio (389.4m-770kc) 6 p. m. vaude-ville; 8-11, WEAF; 11, Allen theater revue,



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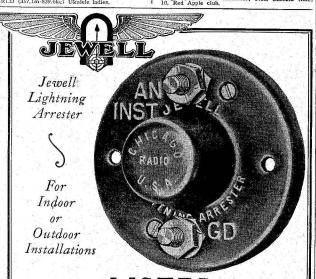
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\*Names of writers on request.

WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hub trio; 9, ensemble. WWJ Detroit, Mich. (352.7m-850kc) 6 p. m. dinner concert; 8, WEAF.

Central Time Stations KFAB Lincoln, Nebr. (30.7m-880ic) 5:30-6:30 p. m. musicale; 8:05-10:30, University of Nebraska. KFDM Beaumont, Texas (315.6m-980ic) orchestra. KFNF Shenandah, Ia. (461.3m-650ic) 7 p. m. program KLDS, Independence, Mo. (440.9m-680kc) 8 p. m. studio program. studio program.

KMA Shemandoah, Ia. (461.3m-650kc) 9-11 p. m.

May2's Mandolin Musicians.

KMOX St. Louis, Mo. (262.2m-1070kc) 6-10 p. m.

KMOX St. Louis, Mo. (262.2m-1070kc) 6-10 p. m.

9-30, soloists; 19-30, orchestra; 12-1, trolic

KOIL Council Bluffs, Lowa (305.9m-880kc) 6 p. m.

program; 7, U. S. farm school; 7:30, program; 8,

program; 1, spark plugs. program; II, spark plugs.

KPRC Houston, Tex. (299.8m-1000kc) 7:30 p. m. concert; 9, bridge.

KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9:11:30 p. m. musicale.

KUOD Bristow, Okla. (374.8m-800kc) 6 p. m. U. of KWC Brownsville, 1-2c. orchestra.

KWWG Brownsville, 1-2c. (277.6m-1080kc) 10 p. m. organ. KYW Chicago, III. (535.4m-560kc) 6:30 p. m. Joska DeBabary and his orchestra; Johnny Hamp and his orchestra; 6:45-9:30, WJZ; 9:30, classical concert; 10:30-12, carnival. WAMD Minneapolis, Minn. (243.8m-1230kc) 7:30 p. m. WAMD Minneapous, Minn. (24.5.m-14.5ucc) / 1.30 p. m. entertainers.
WBAP Fort Worth, Tex. (475.5m-630kc) 7:30-8:30
WBAP Fort Worth, Tex. (475.5m-630kc) 7:30-8:30
WBBM musicale: 9:30-11, program.
WBBM mosco, III (220m-130kc) 8 p. m. Coonsanders Nigor (11.5) 1.5 taff artists, orchestra; 11. Supper clubs. 9-1, staff artists, orchestr Bewoort trio; 8, Spinning wheel hour; 12, Rendez-yous cale.

WDAF Kansas City, Mo. (365.6m-220kc) 6-7 p. m. school of the air; 11:451, Nighthawk frolic.

WDOD Chattanooga, Tenn. (256.3m-1250kc) 8-9 p. m. WEBH Chicago, III. (372.8m-510kc) 7 p. m. classical hour; 9-11, Balaban and Katz Uptown theater musi-WENR Chicago, III. (266m-1130kc) 6-7 p. m. artists; 8-10, frolic. WFAA Dallas, Texas (475.9m-630kc) 6:30-7:30 p. m. musicale; 8:30-9:30, bridge game, selections; 11-12, 

WHB Kansas city, and the property of the prope gram, 9.50, care by the many state of the gram, WLAC Nashville, 1enn. (225-m-150-mil.) 7-10 p. m. dinartists.
WLIB Chicago, III. (802.8m-990kc) 7-7;30 p. m. dinart concert; 7:30-8, WEAF; 11-12:15. Ruth Farley,
WLS Chicago, III. (344.6m-870hg; 8-740, Mauric Sherman's College Inn orchestra; 6:55. Tony's serrap hock; 7, May and June; 7:25, players,
WMAQ Chicago, III. (447.5m-670kc) 6 p. m. organ; 6:30, orchestra; 8:10, U. of C. lecture; 8:30, musicale. o.330, orchestia, o.30, sicale. Sicale. Sicale. WMBB Chicago, III. (250m-1200kc) 7-8:30 p. m. ensemble; 8:30-11, froite. WMC Memphis, Tenn. (499.7m-600kc) 8, WEAF; II, WMGB Chicago. III. (280m-1200kc) /-0:50 p. m. circles semble; 830-11, iroid.
WMC Memphis, Tenn. (499.7m-600kc) 8, WEAF; 11, orchestra.
WC Marchestra. (294.5m-600kc) 6:15 p. m. orchestra.
WC Davenport, Iowa (483.6m-620kc) 777:30 p. m. WEAF; 7:30-8, musicale; 8-9, WEAF; 9-9:10, WEAF; 7:30-10:30, lecture wC Memphis, 11 (410.7m-730kc) 9-12:30 a. m. pop-WC Davenport, Iowa (278m-1080kc) 8-9:30 p. m. devotional music. (278m-1080kc) 8-9:30 p. m. orchestra; WC MC Marsas City, Mc (278m-1080kc) 7-8 p. m. Rainbow, WC MC Marsas City, Mc (278m-1080kc) 7-8 p. m. Rainbow, WC MC Marsas City, Mc (280m-570kc) 6 p. m. orchestra; WC MC Marsas City, Mc (280m-570kc) 6 p. m. orchestra; WC MC Marsas City, Mc (280m-570kc) 6 p. m. orchestra; WC MC Marsas City, Mc (280m-570kc) 6 p. m. orchestra; MC (340m-1790kc) 6 p. m. orchestra; a. m., popular program. Gardens orchestra; vocal selections; 16. WOJ: 11-2 h. m., popular program. WRR Dallas, Tex. (245.3m-1220kc) 6 p. m., orchestra; WRR Dallas, Tex. (245.3m-120kc) 7:30 p. m., orchestra; WSB Atlanta, Ga. (425.3m-700kc) 7:30 p. m. WEAF; S. WEAF; 10:45, concert. WSBC Chicago, III. (288.3m-1040kc) 6:30 p. m. din-WSBC Miscopa, III. (288.3m-1040kc) 6:30 p. m. din-WSBC Miscopa, III. (286.3m-1040kc) 6:30 p. m. din-WSBC Miscopa, III. (286.3m-120kc) 8, WEAF; 9:10, program; 10:11, studio program, 9:30, program; 10:11, studio program, WSOE Milwaukee, Wis. (245.5m-1220kc) 8 p. m. talk; 8:15, popular program; 9; Whooit.

Mountain Time Stations

KOA Denver, Colo. (322.4m-330kc) 9 p. m. bridge.

Pacific Time Stations

KFI Los Angeles, Calif. (487m-640kc) -7-3 p. m. serenaders; 8-9, program; 9-10, varied hour; 10-11,
xzure Missic club.

Affers; 8-9, brogram; 9-10, varied hour; 10-11,
xzure Missic club.

KFWB Hollywood, Calif. (232m-1190kc) 6-7 p. m.
dimer: hour; 8-9, studio program; 9-10 p. m. mut.

KFWB Hollywood, Calif. (232m-1190kc) 6-6-55 p. n. m.

Stanislas Bem's Little symphony; 8-9, Filgrims;

KOO Galadand, Califf. (381-m-830fc) 6-6-55 p. n. fill
Stanislas Bem's Little symphony; 8-9, Filgrims;

KOO Galadand, Calif. (361-m-810kc) 8-11 p. m. program; 10-12, dance music.

KHJ Los. Angeles, Calif. (405.2m-740kc) 6-30-7-30
p.m. children's hour; 8-9, program; 10-11, orchesranger oncert; 8-10, program; 10-12, dance orchestra,
program; 3-30-10, program; 20-12, dance orchestra,
program; 3-30-10, program; 20-12, dance orchestra,
gram; 3- musicale; 13, from-stodels 6-p. m. dinner

concert; 9-30, sport;

KOMO, Seattle, Wash. (305.8m-880kc) 7-30 p. m.

orchestra, 18-9, organ; 9-10, program; 10-11,
orchestra, 18-10, organ; 18-10,
orche orchestra.
KTAB Oakland, Calif. (302.8m-990kc) 6:30-7 p. m. twilight hour; 8-8.15, talk; 8:15-10, musicale.
KYA San Francisco, Calif. (399.8m-750kc, 1000 watts) 6:30-7:30 p. m. dinner concert; 8, studio concert; 10-11, or

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, APRIL 20 Headliners

Eastern Central Mountain Pacific 7:15 p. m. 6:15 5:15 4:15 WCCO (416.4m-720kc) Edward Schwarzkopf, clarinetist. WHAD (275.1m-1090kc) Hotel Wisconsin Badger Room orchestra.

Room orchestra.

8 7

KVOO (374.8m-890ke) Catfish string hand.
WEAF (491.5m-610ke) Jokesmithing.
WLAC (225.4m-1330ke) Violet Gross Ervin, pian

181. 8:30 7:30 6:30 5:30 KFNF (461.3m-650kc) Concert, Luetta Armstrong, soloist. PWX (400m-750kc) Navy band. WHAS (399.8m-750kc) K & L Orchestra. WIBO (226m-1330kc) Cantor Jacob A. Sonenklar.

MOX (280.2m-1070kc) Esmeralda Berry Mayes, violinist, WHAD (275.1m-1090kc) Organlogue, WHO (526m-570kc) Kate Miller, whistler, WOS (440,9m-680kc) Central Wesleyan college male quartet, 8:10 7:10 8:10 7:10 8:10

WOS (440.9m-690k) Central Wesleyan college male quarter. 8:10 7:10 6:10 WACQ. (447.5m-670kc) "The Meaning of the Arts." Zona Gale. 3:00 (71.90 6:30 6:30 KFAB (340.7m-880kc) Walfe irio. WEAF (491.5m-610kc), WTIC (475.9m-630kc) Yale alumna program. WSMB (319m-940kc) Jerusalem Temple Shrine band.

hand. 10 WCCO (416.4m-720kc) Portal players. WEAF (491.5m-610kc) and chain. Yale University WEAF (491.5m-610kc) and chain. Yale University Program.

10-15 (293.5m-1020kc) Stainbrook-Zettler trio, 10-15 (293.5m-1020kc) Stainbrook-Zettler trio, 10-15 (293.5m-1020kc) Rocky Mountain News and Denver Evening News program, 10-15 (293.5m-1020kc) Rocky Mountain News and Denver Evening News program, 10-15 (293.5m-1020kc) Stainbrook Rock (201.5m-1020kc) Stainbrook Rock (201.5m-1020kc) Rock (201.5m-1020kc) Rock (201.5m-1020kc) Rock (201.5m-1020kc) Rock (201.5m-1020kc) Mrs. William C. Hall, Jr. (201.5m-1020kc) Mrs. William C. Hall, Jr. (201.5m-1020kc) Rock (201.5m-1020kc)

contralto. 9:45 8:45 7:45 KFI (467m-642kc) Blues Singer. 11 KFI (467m-642kc) Calper, Male Quartet. KTHS (974.5m-890kc) A Pair of Klondykes"

KTHS (374.8m-800kc) "A Fair of Admuracs-entertainers."
WCCO (416.4m-720kc) string trio, Marion Bern-stein Bearman, Bessie Brown, Helen Grotte, Williams and String String of the Year."
House light oper company, 9.45
WSB (428.3m-700kc) Vick's Meyers Radiowls.

Regular Wednesday Features

Kegular Wednesday Features

Eastern Time Stations

GFCA Toronto, Can. (3863m-840kc) 7-8, p. m. Canada Dry Ginger Ale orchestra; 8:30, orchestra; 10:45, dance orchestra, (383, m-970kc) 6, p. m. dinner KDKA Pittsburgh, Pa. (383, im-970kc) 6, p. m. dinner KDKA Pittsburgh, Pa. (383, im-970kc) 6, p. m. dinner PWX Hawana, Cuba (389, 5m-750kc) 8:30-10 p. m. Rand concert. N. J. (385, m-950kc) 8:30-10 p. m. chest. WAZM Newarts, 11, 235m-1140kc) 6, p. m. orchestra. WAZM Newarts, 11, (315, 6m-950kc) 7:30, p. m. program; 10, time; 10:00, dance orchestra. WAZ Springfold, Mass, 333, im-900kg, 7:30 p. m. nitizer leasure; 2, WJZ; 8:30, studio, 9, WJZ; 10, will study to concentra.

# WCAE Pittsburgh, Pa. (461.3m-650kc) 6 p. m. orchestra; 8, recital; 8:30-11:30, WEAF; 11:30, revue; 12:20, orchestra. 12:20, orchestra. WCAU Philadelphia, Pa. (277.6m-1080kc) 7:30 p. m. trio; 8, popular program; 10, orchestra; 11, Cheertrio; 11, Cheert trio; S. popular program; 10, orenesira; 11, once up club, up club, up club, which was the control of the contr WCX Detroit, Mich. (516.9m-830kc) 6 p. m. Dinner program, colidate to ensemble; 6:15. Skeezix time; wDBO Winter Park, Fla. (239.9m-1230kc) 9 p. m. Chamber of Commerce. (491.5m-810kc) 6 p. m. dinner Commerce. (491.5m-810kc) 8 p. m. dinner Commerce. (491.5m-810kc) 8 p. m. dinner Commerce. (491.5m-810kc) 6 p. m. dinner Commerce. (491.5m-810kc) 8 p. m. dinner Commerce. (491.5m-810kc) 9 p. m. dinner Commerce. (491.5m-810kc) 8 p. m. dinner Comm

R. C. Å. Radiotrons, W.B.Z.-W.F.A., W.B.B.II, S. P. R. L. L. L. L. R. W.L.IT Philadelphia Pa. (98.4.5m.70) feed 9. p. m. Control Philadelphia 9. (98.4.5m.70) feed 9. p. m. Control Philadelphia 9. (98.4.5m.70) feed 9. p. m. Control Philadelphia 9. (98.4.5m.70) feed 9. p. m. cordestra; 7.39, tall; (10, 10c. man frie) 11, organ recital; 7.39, tall; (10, 10c. man frie) 11, organ recital; W.L.W.L. New York, N. Y. (384.4m.780) feed 8:30-II p. m. WHAK Buffalo, N. Y. (265.5m-1130kc) 7:30 p. m. wwiscale; 8. WGV program; 9. musicale, what MBF Miami Beach, Fla. (384.4m-769kc) 7 p. m. dinner concert; 8. popular program; 10. Fleetwood dance orchestra.

WOR Newark, N. J. (405.2m-740kc) 6:15 p. m. Jac ques Jacobs Hotel Shelton ensemble; 7. Jacque Jacobs Hotel Shelton ensemble; 8. N. Y. Univer sity; 8:15. orchestra; 9. Studio Guild hour; 11 dance orchestra.

WRC Washington, D. C. (468,5m-640kc) 7 U. S.
Army band; S. program; S:15-11:30, WEAF.

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

WSAI Cincinnati, Ohio (325.9m-920kc) 7:15 p. m. chimes; 8:30, WEAF; 9:30, WEAF; WSKC Bay City, Mich. (260.7m-1150kc) 9-11 p. m.

WSKC Bay City, Mich. (260.7m-11508c) 9-11 p. m. WTAC Workerster, Mass. (645.1m-5500c) 7:30 p. m. WTAC Workerster, Mass. (645.1m-5500c) 17:30 p. m. WEAF; 8:01, program; 9:30, WEAF; 10, musicale; 101:30, dance program; 8:30, WEAF; 8, studio recital; 8:30, WEAF; 9, program; 11, orchestra; 7:15, talks; 7:30, WEAF; 8, studio recital; 8:30, WEAF; 9, program; 11, orchestra; WJ Derodt, Mich. (352.7m-5200c) 6 p. m. dimer context; 3, mass. 17, "Ca.t.", Ca.t. "Ca

concert; 8, musicale; 9-11, WEAR? 0 p. m. offiner
Contral Time Stations
CKY Winnipsey, Can. (384.m-780ke) 9-10 p. m. Prof.
Gregori Gorbovitsky, violinist.
KFAB Lincoln, Nebr. (340.7m-880ke) 5:30-6:30 p. m.
Hotel Lincoln orchestra; 8:30-10:30, request program,
KFNF Shenandoah, Iowa (461.3m-850ke) 7-10 p. m.
KKMA Shenandoah, Iowa (461.3m-850ke) 9-11 p. m.
Two piano concert, Peregrin Brothers.
KMAS Shenandoah, Iowa (461.3m-850ke) 7-10 p. m.
KMAS Shenandoah, Iowa (461.3m-850ke) 7-10 p. m.
Two piano concert, Peregrin Brothers.
KMAS Shenandoah, Iowa (263.7m-1070ke) 6-10 q. m.
KMAS Shenandoah, Iowa (263.7m-1070ke) 7-10 p. m.
Two piano concert, Peregrin Brothers.
KMOX St. Lonis, Mo. (263.7m-1070ke) 6-10 q. m.
Factor Willrich Sorchestra; 12-11, dance music.
KPRC Houston, Texas (293.8m-1090ke) 7-30 p. m.
Jande Willrich Sorchestra; 8:15, evening concert.
KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-10 p. m. music; 10-11, Irolic.
KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-10 p. m. music; 10-11, Irolic.
KWWO Brownsville, Tex. (277.6m-1080ke) 7:30 p. m.
Jande Gregoria Research Springs (201.7m-1080ke) 7:30 p. m.
Jande Gregoria Research Resea

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

Januar

WCOA Fensaccia, risk teams 120 pp. 19 program.
WDAF Kansas City Mo. (385.5m-820ke) 6-7 p. m.
Subson Office Str. 8-8:30. WEAF; 8:30-9, musicale;
Subson Office Str. 8-8:30. WEAF; 8:30-9, musicale;
WEAF Charles Company (265.3m-1250ke) 7-8 p. m.
dinner program; 8:30-10:30. musicale,
WEBH Chicago, III. (370.2m-810ke) 7 p. m. Edgewater Beach notel orchestra; 9-11. orchestra, artists;
12-1 a. m., revue. 12-1 a. m., revue. WEMC Berrien Springs, Mich. (315.6m-950kc) 8:15 WEMC Berrien Springs, Mich. (315.6m-950kc) 8:15 WEMC Berrien Springs, Mich. (315.6m-950kc) 8:15 WENR Chiefae, III. (265.3m-1130kc) 6-7 p. m. organ; 8:10, musicale; [12-2, frolic. WGN Chicago, III. (302.8m-990kc) 6:10 p. m. music; 6:15, Punch and Judy; 6:35, Drake concert ensemble; 6:95-f., Old Fashioned almanack; 8:30, consenble; 6:95-f., Old Fashioned almanack; 8:30, consenble; 6:95-f., Old Fashioned almanack; 8:30, expensive Box; 10:20, Bible readings; 10:30-12, musics Box; 10:20, Bible readings; 10:30-12, musics 10:30-1130, dance selections. musicale; 8, WG. Prugram; 7; mesonove WMBF Manail Beach, Fla. (384.4m-780kc) 7 p. m. dinner concert; 8, popular program; 10, Fleetwood WMCA New York, N. Y. (340.7m-880kc) 6:30 p. m. orchestra; 12, McAlpin entertainers, WNAC Boston, Mass. (480.1m-697kc) 8 p. m. proyects; 12, McAlpin entertainers, WNAC Boston, Mass. (480.1m-697kc) 8 p. m. proyects; 18:30 players; 10:30-11:30, dance mesonover with the plane selections; 3:30, Adojub Lewisohn course. WOO Philadelphia, Pa. (596.2m-580kc) 7:30 p. m. proyects; 18:30, players; 10:30-11:30, dance music orchestra; 8, concert; 9, address; 11, dance music.



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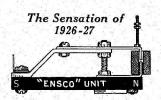
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WHO Des Moines, Iowa (526m-570kc) 6-7 p. m. Little symblomy: 7-8, orchestra; x-9:30, popular program; 9:30-11:30, quartet WHT Chicago, III, (529-8m-750kc) 6 p. m. AI Carney; 7:45 (338m-1260kc), orchestra, Stuart Dawson; 9:30 (499-8m-750kc), program; 10, variety program; 11, (399 Sm-750te), program; 10, variety program; 11, Al and Pat. Al a

theater organi 8, orchestra; 8:10, Northwestern U.; 9, music.
Williamson, III. (248-ma.1900kg, 7-7:30 p. m.
Williamson dibo 7:308-830, minstrels; 8:30-11, orchestra, artists.
WOAL San Anthonio, Texas (394-5m-760kc) 8:30-9:30
WOC, Davenport, Iowa (483-m-620kc) 6:30-7:30 p. m.
mitsicale; 9:10, musicale; 11-12, orchestra.
WOK Chicago, III. (410-7m-7300kc) 9:12-30 n. m. pop-WOQ Kansas City, Mo. (278m-1090kc) 6:15 p. m. orchestra.

WÖG Kansas City, Mo. (278m-1080kc) 6:15 p. m. orchestra.
WORD Chicago, Ill. (275.1m-1090kc) 7 p. m. North
Shore line; 7:45, ten minutes of good reading; 9;
WÖS Jefferson and singers; 200 p. m. Bolle lecture.
WÖS Jefferson and singers; 200 p. m. Bolle lecture.
WÖS Jefferson and singers; 200 p. m. Bolle lecture.
WÖS Chicago, Ill. (447.5m-570kc) 7-8 p. m. Rainho
Gardens orchestra; concert; 10-3 a. m. Rainho frolic.
WSB Atlanta, Ga. (428.3m-1090kc) 8 p. m. WİZ;
WSBC Chicago, Ill. (288.3m-1090kc) 8 p. m. dinner program; 9-1; entertainers.
WSM Nashville, Tenn. (282.8m-1090kc) 6:45 p. m.
dinner concert; 7:15, studio program; 8, WIZ; 9, 2003; 2003.

WSM Nashville, tenn. word of the control of the con gima oatuvar.
progent, California Petroleum corp.; p. macs progent, California Petroleum corp.; p. macs progent, California Petroleum corp.; p. macs progent California Californ Statistics of the state of the KHJ Low D. m. children's now., D. m. children's now., KHQ Spokane, Wash. (394.5m-760kc) 9:30-10 p. m. KGW. KJR Seattle, Wash. (384.4m-780kc) 9:30-10 p. m. dance music. Calif. (508.2m-590kc) 6:30-7 p. m. 2-3, educational pro-KLX Oakland, Calif. (508.2m-590kc) 6:30-7 p. m. Athens Athletic club orchestra; 8-9, educational pro-gram; 9-10, program.

gramt; \*\*-10, program.

KMTR Hollywood, Calif. (370.2m.810kc) 7-7:50 p. m. musical program; 7:50-8, feature; 9-10, dance; 10-12, troile, Palini de Danse;

KNX Hollywood, Calif. (336.9m-590kc) 7-10 features;
11, Hotel Ambassador.

KOIN Portland, Ore. (319m-940kc) 6-7 p. m. organ; 8-9, players; 9-10, studio program; 11-12, dance program.

XOMO Seattle, Wash. (305.9m-880kc) 7:30 p. m.
Floren quartets; 10, orchestra
Floren quartets; 10, orchestra
Floren and Floren Seattle, 10, orchestra
Floren Game Seattle, 10, orchestra
Floren Game Seattle, 10, orchestra
Floren Seattle, 10, orchestra
Floren Game Seattle
Floren Game Seatt Krosc milman, Wash. (348.6m-860kc) 7:30 p. m. Krosc milman, Wash. (348.6m-860kc) 7:30 p. m. Krosc tilks. KYA San Francisco, Calif. (399.8m-750kc) 8-10 p. m. feature program; 10-11, dance music.

Wednesday, silent night for: CKAC, KFDM, KFDY, KLDS, KMMJ, KMOX, KOB, KOIL, KFSN, KUOA, KWWG, WABO, WBAL, WBAP, WBBR, WCAS, WFAA, WFI, WGBF, WGBS, WGCP, WIP, WOW, WFC, WR, WSUI, WTIC.

# THURSDAY, APRIL 21

8 10 (226m-1330kc) Robert Angus, pianist, 8:20 7:20 6:20 5:20 WGBS (316m-950kc) Andalusian Sernaders, 8:30 7:30 6:30 eranders, 5:30 (All m-730kc), CNRM (411m-730kc), CNRO (434.5m-650kc), "Tom Jones," comic cital, KLDS (440,9m-680kc) KLDS Mandolin and Gui-tar club, KVOO (374,8m-800kc) Harry Evans music lover's hour. WGBS (316m-950kc) Original Criterion Male Quartet. WHB (365.6m-820kc) Harry, Ptank and Mike. WHO (526m-570kc) YB Salon orchestra. WSB (428.3m-700kc) Brenau college program. WTIC (475.9m-630kc) Sacha Jacobson string quar-9:30 8:30 7:30 6:30 KPRC (296.9m-1010kc) Southern Pacific Lines

band.
KWWG (278m-1080kc) The Rancheros.
WFAA (475.9m-630kc) Renard club.
WGBS (316m-950kc) "A Romance of Dublin,"
Seamus O'Doherty, Anna and Josephine Smith.
WSM (282.8m-1060kc) Mrs. L. L. Gamble, so prano. 9:45 8:45 7:45 PG (299,8m-1000kc) Boardwalk Charmers, 7 8 7 10 9 8 7 KMA (461.3m-650kc) Farnham Trio. WLAC (225.4m-1330kc) Joseph MacPherson, Met-

ropolitan opera star.
10:30 9:30 7:30
KPRC (296.9m-1010ke) Cavaliers.
KRLD (357.1m-839.6ke) Montgomery studio program. WHAD (275.1m-1090kc) Vesey Walker's Ha-walians.

# Regular Thursday Features

Eastern Time Stations KDKA Pittsburgh. Pa. (309.1m-970kc) 6 p. m. KDKA Little symphony orchestra; 8-10, WJZ. WX Havana, Cuba (399.8m-750kc) 8:30 p. m. Cuban DOS TANABAG, UNIVERSAL TO THE ACT OF THE ACT WBALL Section 17,30-8, organ and selections; 9-10, propriam, instrumental and vocal selections; 9-10, propriam, instrumental and vocal selections; 9-10, ensemble; 10-11, staff concert; 11-12, dance orchestra, WBBR New York, N. Y. (418.4m-720kc) 7. orchestra; program, WBZ Springfield, Mass, (333.1m-900kc) 7, orchestra; 8-10, WIZ: 10, program: 10:30, orchestra; WCAE Pittsburgh, Pa. (461.3m-850kc) 6 p. m. orchestra; 7:45, talks; 8, musicale; 9-11, WEAF; 11, dance musicale; tra; 7:45, talks; 8, husbane, dance music dance music dance music with the dance for t revue.
WCSH Portland, Me. (499,7m-600kc) 7:45 p. m. talk;
10. WEAF.
WCX Detroit, Mich. (516.9m-580kc) 6 p. m. dinner
program, Goldkette ensemble; 6:15, Skeezix time;

program, Goldkette ensemble; 5:15, Skeezia time 8, music. WDBO Winter Park, Fla. (239.9m-1250kc) 9 p. m 

headliners.
WEEI Boston, Mass. (348.6m-860kc) 6:10 p. m. Palais
Royal\_orchestra; 7:50. newspaper sidelights; 8-11, WEAF, WFHH Clearwater, Fla. (355.4m-843.6kc) 8:30, musicale.
WF1 Philadelphia, Pa. (394.5m.760kr) & p. m. The
WF1 Philadelphia, Pa. (1394.5m.760kr) & p. m. The
WF1 Philadelphia, Pa. (1394.5m.760kr) Ph. m.
WF1 Philadelphia, Pa. (1394.5m.760kr) Ph. m.
orchestra, 8, dramatic critic, 810, program,
WGHP Detroit, Mich. (270.1m.110kc) 6, m. dinner
concert, Hotel Tuller, 10-11, Orlole orchestra; 11-12,

Worth Differs and Professional Controlled of methods in the dance orchestra, 11-12, WGR Buffalo, N. Y. (315m-940kc) 6:30-7:30 p. m. Vincent Lopez Hotel Statler orchestra; \$1-12, WGR Buffalo, N. Y. (315m-940kc) 6:30-7:30 p. m. Vincent Lopez Hotel Statler orchestra; \$11, WCAF, WGR Controlled Contro

program.

WJZ New York, N. Y. (454.3m-660kc) 7:10 p. m. Hotel Pennsylvania orchestra; 8, Col. True, WBZ, KDKA, KYW; 9, our musical U. S., WHZ, KDKA, KYW; 10, KSD; 10:30, Twin Oaks orchestra.

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

WLW Cincinnati, Ohio (422.3m-710kc) 7:40 p. m. orchestra; 10, Castle farm; 10:30, Cossacks; 12:15 a. m. Night Howls.

WLWL New York, N. Y. (384.4m-780kc) 8:30-11 n. m. music. WMAK Buffalo, N. Y. (265.5m-1130kc) 6:15 p. m. Hotel Lafayette trío; 8:30, music club; 9, musicale; 10, dance.

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

dinner concert; 8, popular program; 10, dance orchestra; WMCA New York, N. V. (240.7m-88040) 7, p. m. WMCA New York, N. V. (240.7m-88040) 7, p. m. The first Coden and his flored McAblun orchestra; 12, Broadway Nite, WNAC Boston Mass. (430.1m-697kc) 8,30 p. m, the ater broadcast; 10:20, dance music, WNC New York, N. V. (325m-570kc) 6:10-10:30 WNYC New York, N. V. (325m-570kc) 7:30 p. m. dance orchestra, Pa. (508.2m-590kc) 7:30 p. m. dance orchestra.

WR N. News. N. 1. (105.2m-r. vas. of the combinet of the combi

chestra; 7, studio program; 9:30, studio program; 11, orchestra;
WTIC Hartford, Conn. (475.9m-630kc) 6 p. m. Hotel
Heublein trio; 7, midweck religious sing; 7:30, staff
artists; 8, musical; 8:30, Capitol theater presentation.

WWJ Detroit, Mich. (352.7m-820kc) 6 p. m. dinner concert: 8. WEAF.

Central Time Stations

CKY Winnipeg, Can. (384.4m-780kc) 8:30-9 p. m. studio program; 9-10, J. A. Banfield company's concert. KFNF Shenandoah, Iowa (461.3m-650kc) 7 p. m. con-KLDS Independence, Mo. (440.8m-680kc) 8 p. m. studio program.
KMA Shenahoda, Ia. (461.8m-680kc) Farnham trio.
KOIL Council Bluffs, Ia. (305.8m-880kc) 6 p. m. program; 7, Iarm program; KSG Clarinda, Iowa (495.2m-740kc) (5:30 p. m. con-KTHS Hot Springs National Park, Ark. (374.8m-800kc) 9-10-10 p. m. program: 10-10, dance program. KYOO Bristow, Okla. (374.8m-800kc) 6 p. m. muscale; KWWC Browns ello, 1-12, corbestra. KWWC Browns ello, 1-12, dance. KYW. Chicago, III. (335.4m-560kc) 6:30 p. m. Joska Drogram: 10-10, 1-WBAL Saxophone octet; 9:30-11, program, assophone octet; 9:30-11, program, assophone octet; 9:30-11, program; 11, consequence of the program; 12, Rendezous clith, 
WDAF Kanasa City, Mo. (365.6m-820kc) 6-7 p. m. school of the air; 11.45-1, Nighthawk frolic, WDOD Chattanooga, Tenn. (256.3m-1250kc) 8:30-10 p. m. musicale.





WEBH. Cheago. III. (370-2m-810kc) 7-8 p. m. Upwebb. Cheago. III. (370-2m-810kc) 7-8 p. m. Upwebb. Cheago. III. (375-2m-810kc) 6-7 p. m. dinnet program. 8-10, popular program.
WEAA Dallas, Texas (475-2m-820kc) 6-30-7;30 p. m.
WEAA Dallas, Texas (475-2m-820kc) 6-35 p. m. Drake
concert ensemble; Blackstone string quartet; 8-10,
WEAR, 10, Sam "n Herry; 10-10, The Music Box;
WHAD Milwaukee, Wis. (275-1m-1090kc) 6-155 p. m.
Orthestra and vocal selections, Wisconsin hotel
hour; 10, music; 11, dance of party; 10-10, The Music Box;
WHAD Milwaukee, Wis. (275-1m-1090kc) 6-155 p. m.
orthestra and vocal selections, Wisconsin hotel
hour; 10, music; 11, dance of party; 10-10, Tri30 p. m.
orthestra and vocal selections, Wisconsin hotel
hour; 10, music; 11, dance of party; 10-10, string; 10-10, string delle.

WMC Memphis, Tenn. (499,7m-690ke) 8 p. m. talk
on Memphis commerce; 8:30, pregram
on Memphis commerce; 8:30, preg MORD Chicago, III. (410.7m-730kc) 9-12:30 a, m, pop-MORD Chicago, III. (410.7m-730kc) 9-12:30 a, m, pop-MORD Chicago, III. (275.1m-1890kc) 7 p. m. Webster Hotel duo orchestra; 9, musicale WOW Omaha, Neb. (528m-700kc) 6:30 p. m, fretted instruments; 9, classical program; 10, Roseland Gardens, WQJ Chicago, III. (447.5m-670kc) 7-8 p. m. Rainbo Gardens orchestra; specialty; 10, WEAF; 11, Rainbo frolic. WRR Dallas Tex. (245.8m-1220kc) 6 p. m. music; 8, classical music; 9, Bible class; 11-12, old-time william program. WSMB New Orleans, La. (319m-940kc) 8:30 p. m. dance program.
WSOE Milwaukee, Wis, (245.8m-1220kc) 6 p. m. children's hour; 7, popular music; 9, bridge; 9:30, community band.

Pacific Time Stations

Facilite 1 inter jeatuons

KFI Los Angeles, Calif. (467m-642kc) 7-8 p. m. program by students of U. S. C.; 8-9, KFI drama hour; 9-10, varied hour; 10-11, Johnston and Farrell's music box revue.

Key Colkiand, Santa Calif. (25m-1190kc) 6-7 p. m. Oukland Santa; 7-50, news; 8-9, features; 9-10, program; 10-11, froiles.

KGO Oakland, Calif. (361.2m-830kc) 6-6:55 p. m. Stanislas Bem's Little symphony; 8, program; 9-13, profession. Stanislas Hen's Little symphony; 8, program; 9KGW Portland, Ore, (481 J.s.m-610ke) 6-7 p. m. dinner concert; 7:45-8, lecture; 8-10, vaudeville. KHJ Los Angeles, Gallt, (408.2m.-740kc) 6:30-7:30 p. m. children's hour; 8-10, string quartet. RJ Seattle, Wash. (334.4m.-780kc) 6:15-p. m. dinner concert; 9-30, bridge; 10-12, orchestra, m. dinner hour; 9-10, studie; 10-12, orchestra, m. dinner hour; 9-10, studie; 10-12, orchestra, m. dinner hour; 9-10, studie; program; 3-40, resurces; 11, Hotel Am-bassador program; 3-40, resurces; 11, Hotel Am-bassador program; 3-40, resurces; 11, Hotel Am-bassador program; 3-40, resurces; 11, Hotel Amords; 8, program, 3-40, teather, bassador, Kolin Portland, Ore, (319m-940kc) 8:30-10, studio program; 10-11, program, KOMO Seattle, Wash, (305.9m-980kc) 7:30 p. ni. KOMO Seattle, Wash, (300-mi-scone), 7.00 crobestra.

KPO San Francisco, Calif. (428-3m-700kc), 6:30-7
p. m. States Restaurant orchestra; 77-730, Rudg,
p. m. States Restaurant orchestration of the company of the comp

Thursday, silent night for: CFCA, KFAB, KFDM, KFH, KFOA, KFUO, KLX, KMOX, KOA, KOB, KSWC, KTAB, WABC, WAMD, WCOA, WEAO,

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The state of the s 2 a. m. 1 12 WENR (266m-1130kc) Cook Sisters.

# SATURDAY, APRIL 23 Headliners

Eastern Central Mountain Pacific 3:45 p. m. 2:45 1:45 12:45 WHAD (275.1m-1090kc) War Heroes' Afternoo Diversion. \( \text{VALAD [225,11m-1090kc) var includes \) \( \text{Diversion} \) \( \text{e15} \) \( \text{Corollar (16.4m-720kc) Crinoline trio. } \) \( \text{5} \) \( \text{CKC (35m-840kc) Charles E. Bodley and his dance or-kent 130kc) Tuscumbia and Sheffield, \( \text{VLAC (225.4m-130kc) Tuscumbia and Sheffield, } \) \( \text{VLAC (225.4m-130kc) Tuscumbia and Sheffield, } \) \( \text{8.30} \) \( \text{6.30} \) \

concert.
WIDO (226m-1330kc) Chicago Ladies' quartet.
8:45 7:45 6:45 5:45
Bis (316m-950kc) Clifford Cheasley, "Philosophy of Numbers."

\( \text{WGIS} \) (316m-950kc) Clifford Cheasley, "Philosophy of Numbers" \( \text{Time of the model of the m

Eastern Central Mountain Pacific 12 mld. 11 10 9 KFI (467m-642kc) Los Angeles Philharmonic Orcheatra.

12:15 a. m. 11:15 10:15 9:15 KGO (361.2m.830kc) Hotel Whitcomb band, 4:30 W12:39 41:30 10:30 W12:30 41:30 W12:30 41:30 W12:30 41:30 W12:30 M12:30 
# SUNDAY, APRIL 24 Church Services

| Atlantic | Eastern | Central | Mountain | Pacific | 11:39 a.m. | 10:30 | 9:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 of Evanston.

1 p. m. 12

1 p. m. 12

VBAP (475.9m-630kc) First Presbyterian church.

2 COA (322.4m-930kc) St. John's Episcopal cathedral 8:30 9:30 8:30 7:30 6:30 WCSH (499.7m-600ke) First Baptist church.

MONEY-BACK GUARANTEE

No more worry with "B" Batterles! Hook to a
Ball come worry with "B" Batterles! Hook to a
Ball come worry with "B" Batterles! Hook to a
Ball come worry with "B" Batterles! Hook to a
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 Atlantic
 Eastern
 Central 9:15
 Mountain 9:15
 Pacific 5:15

 KVOO (374.8m-800kc)
 First
 Church of Christ, Ch Scientist WSM (282.8m-1060kc) First Presbyterian church, 9:30 8:30 7:30 6:30 5:30 KPRC (296.9m-1010kc) South Main Baptist church,

# SUNDAY, APRIL 24

Headliners

Atlantic Eastern Central Mountain Pacific 22-30 p. m. 130 12-30 11:50 10:10:00 10:00 VIS (344.6m3 00cc) Young People's commission.

WSM (282.8m-1060kc) Nashville symphony orchestra.

WIRO (225m-1330kc) Firates of Penzance. 4
WIRO (225m-1330kc) Firates of Penzance. 4
WIRO (379.5m-700kc) Edward Rice, violinist. 5:15
WIRO (360.5m-500kc) WIRO (350.5m-500kc) WIRO (350.5m-

# **BETTER Reception** with EFFARSEE Antennae or Your Money Back!



That guarantee shows how certain we are that the wontennae will increase the power, range and selectivity of your set. The scientific design of this marvelons denew principle with two specially made condensers, practically eliminates static and interference.

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Why clutter up your home with ugly outside wires or mast? Why take a chance energing the property of the

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tions close to local, except same wave length stations. Not a wave trap. No adjustments. At dealer's or send us dollar bill. Money-Back Guarantee. Satisfaction guaranteed.

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Yes, only \$1.00 with coupon brings this stupendous cut price bargain to your home on 30 days' trial. A handsome radio cabinet with ample room inside for all batteries, charger and eliminators. All unsightly accessories out of sight in a splendid piece of furniture. Made of beautifully grained, seasoned hard wood, in handsome Walnet Finish. Will not warp. Highly polished outside surfaces, front panel in popular two-tone effect, ornamented with Galleon Ship in fully polished public all joints reinforced. Top 30¼ in. by 16¼ in., ample for any radio and loud speaker. Height 30¼ in.

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Shipping Point	 	
Post Office	 State	

Atlantic Eastern Central Mountain Pacific Support Central Mountain Pacific Support Central Mountain Pacific Support Central Pa WFAA (475.9m-630kc) Familiar hymns, Mrs. Mil-dred B. Faddock, 1 a. m. 11 a. m. 10 WFAA (475.9m-630kc) male quartet,

# **MONDAY, APRIL 25** Headliners

WHAZ (379.5m-790kc) Students' symphony orchestra.

9:30 7:30 for 300 for 300 for 300 kWyVG (278m-1080kc) Bith Sewell, pianist 300 kWyVG (278m-1080kc) Bith Sewell, pianist 300 kWyMAD (275.1m-1090kc) Bith Bennings and His Concert Ensemble.

WSMB (310m-940kc) Strand theater orchestra. 11:00 for 300 for

## TUESDAY, APRIL 26 Headiners

| Headl:ners | Headl:ners | Atlantic Eastern | Centra, Mountain | Centra, Centr

Eastern Central Mountain Pacific 10 p.m. \$ 8 c. CNRA (356.9m-840kc) Pictou mal 7 chorus. CNRA (356.9m-840kc) Pictou mal 7 chorus. KLDS (440.9m-680kc) James Prior, baritone, 10:30 9:30 8:30 7:30 6:30 PWX (400m-750kc) Sevilla-Biltmore orchestra. WFAA (475.9m-630kc) Southland Life entertainers. WHB (365,6m-820kc) Lela Ward Gaston, character sketches. sketches.

10 9 8 7

WGBF (236m-1270kc) Mona Motor Oil Twins.

WLAC (225.4m-1330kc) Bowling Green, Ky., program. WSM (282.8m-1060kc) Ward-Belmont conserva-11:30 10:30 9:30 8:30 7:30 KRLD (357.1m-839.6kc) Dallas Athletic club or-3 a.m., 2 1 12 11 KNRC (238m-1260kc) La Monica Ballroom orches-

# WEDNESDAY, APRIL 27 Headliners

Atlantic Eastern Central Mountain Pacific Gi10 pm. 5110 4219 T. C. U.—A. and M., baschall. 7:30 6:30 5:30 and M., baschall. 7:30 6:30 5:30 4:30 KSO (405.5m.740kc) Eya Garrison songs. 6:50 (405.5m.740kc) Corning Iowa band. 5:50 (405.5m.740kc) Corning Iowa band. 6:50 (405.5m.740kc) Corning Iowa band. 6:50 CKIG (411.m.750kc), CKIKO (435.m.690kc), CKIKO (411.m.750kc), music, KFNF (461,3m-650kc) Concert featuring Corn-field Canaries, PWX (400m-750kc) Army band, WHAS (399,8m-750kc) The Cardinals, 100 pm 100 p WHAS (399,8m1-750ke) And Calculation of 10 9 8 7 6 KVOO (374,8m-800ke) Oklahoman's Inc. program. WLAC (225,4m-1330ke) Woman's club of Nash-WLAC (225.4m-1330ke) Woman's club of Nash-ville, WMAQ (447.5m-670ke) Carolyn Willard, pianist. WMAQ (447.5m-670ke) address, George A. Pickens, COS (440.5m-680ke) address, George A. Pickens, Cost, C

# THURSDAY, APRIL 28 Headliners

### Company | Co

Atlantic Eastern Central Mountain Pacific (10:30 pm. 9:30 8:30 10:30 pm. 9:30 10:30 10:30 10:30 pm. 9:30 10:30 10:30 pm. 9:30 10:30 10:30 pm. 9:30 10:30 1 12 m. 11 10 9 8 KNRC 238m-1260kc) Santa Monica Municipal

WHAD (275.1m-1090kc) Popular organ frolic,

# FRIDAY, APRIL 29 Headliners

KOBI (348.6m-860kc) Familiar songs, Salon or-chestra. 19
KMA (461.3m-650kc) Essex hand, Essex, Iowa, KOA (322.4m-930kc) Sea ballads, Frank Dinhaunt, Sesquicentennial haritone prize winner, WFAA (475.5m-650kc) Essf froite, WFAA (475.5m-650kc) Essex froite, WFAA (475.5m-650kc) Es

quartet. KOIL (305.9m-980kc) Friendship club. WBAP (475.9m-630kc) Carolyn Belle McFarland,

2 1 12 11 10 KVOO (374.8m-800ke) Earl Thurston, organist,

# SATURDAY, APRIL 30 Headliners

10:15 9-15 8-15 7-15 6-15 KOIL (305.9m-980k) Nora Figum and her juvenile double violin trio. 10:39 9-300k) 18:30 7:30 6:30 (10.00 9-300k) 18:30 7:30 6:30 (10.00 9-300k) 18:30 Atlantic Eastern Central Mountain Pacific 11:30 11:30 11:30 10:30

# SHORT WAVES

By Marcella

(Continued from page 4)



(Continued from page 4)

Will the girls who wanted to know all about William Fay tune in at once for WGY on 375. meters, because here are his very words: "Probably you cannot deduce from the photograph that my hair is light brown, eyes blue, height, 5 feet 7 inches, age 27 years and I do not believe there are enough wrinkles under my eyes to indicate that I was fortunate in marrying a good looking school teacher, or possibly it is because I am not home enough evenings to find married Hife a bore." Here are just a few of the things he does around the studio of WGY. He is announcer, director of the light opera company, one of the harmony twins, member of the Radio Four male quartet, bass fiddler in the WGY orchestra and baritone soloist. Besides this he reads all the correspondence addressed to the Schenectady station and acknowledges the major part. During his spare time he goes in for concert work and sings on Sunday in the Second Presbyterian church in Amsterdam, N. Y. Whee!

You know there is something in this public speaking training. You are aware how popular Phil Carlin is. He has had almost all of the courses in Columbia university in voice training. Now here comes another announcer who is becoming popular in the Middle West and he is John Reed Tyson of WGN. For nine years Mr. Tyson has conducted his own school of speech training. He has been a reader and an entertainer. He is married and has two children and he says his only bid for fame is the fact that he has never had a mash note. What do you think about that, Mrs. Kenosha?

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.



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Palos, III.

"I also get stations in Canada, Chicago, Miami, all on loud speaker with sufficient volume to be heard all over the house," says Pecker of Swampscott, Mass.

"Thus far I've pulled in many stations I formerly only read about."

Praidel of Ohio

read about. Praided of Ohio
"Showed it to a friend of
mine. He tried it in his set
and was so well pleased with
the state of the him keep
the state of the state of the state
to another." ("Interest are absolutely
"The reauties are absolutely
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casley, Springfield, Mass. "It is some Distance Getter" and getting stations clear at the same time on a Super-Reflex (5 tubes)".

Braun, St. Louis

Brings in local and distant strong." Lavin, Elizabeth, N. J.

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Fifteen Types all in the Orange and Blue Carton



NEW YORK

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## "TORCH OF YOUTH"

(Continued from page 7)

despondent or experimentally inclined soul." Boescher replied, settling down into the chair and spreading a napkin. Garden was bending and breaking one toethpick after another between his thumb and forefinger. A little mound of broken plits were in a heap at the edge of his pittle. He had sipped a glass of lemonade while waiting.

"That's the first time I ever heard you

# CLASSIFIED **ADVERTISEMENTS**

## BOOKS

"Howdy Judge," George Dewey Hay's famous book of one hundred laughs, based on happenings in the Memphis Police Court. Admirers of Mr. Hay, formerly of WMC and WLS, now of WSM, will admire the character sketches penned by this champion amnouncer, \$1.50 through Radio Digest BOOK DEPT., \$10 N. Dearborn St., Chicago.

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

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PATENTS, Booklet free, Highest references, Bestresults, WATSON E, COLEMAN, Patent Lawyer, 724 Minth St. N. W., Washington, D. C.

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Change your phonograph into a loud speaker with the Fultone Unit for only \$2 \, \text{C. O. D.}\$, or postpaid if cash accompanies order. Bronstein's Pharmacy, 4800 Lincoin Ave., Chicago.

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

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

Attention, Radio Buyers. We are closing out our radio stock. Highest cash offer takes it. No correspondence. Stock consists of all sizes of variable condensers, fixed condensers, rhoostatts, potentiom-eters, loud speakers, etc. Bronstein's Pharmacy, 4600 Lincoln Ave., Chicago.

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# A PAYING POSITION OPEN

to representative of character. Take orders shoes-hosiery direct to wearer. Good income. Permanent. Write now. Tanners Shoe Mig. Co. 4-70 C St., Boston, Mass.

guinary crime.

guinary crime."

66 O that's it! My only compunctions are for my own peace and comfort and you know me well enough to know that I mean what I said about the poisons although Til admit I never thought of you as a possible victim. Murder is only a term of law. Law is an economic adjustment executed by men who are only men and no better than you or I. It's a good thing for all of us, take it all in all, but there are times when it is merely an obstacle to the achievement of some important discovery in the advance of science. It must be circumvented and we need brainy men with courage enough to go through and terminate human life, when necessary, to obtain the knowledge that may be useful in saving millions of other lives at a crisis. But what's that got to do with your worries?"

"You have discarded your conscience entirely?"

"Conscience is only a habit of thought

to do with your worries?"

"You have discarded your conscience entirely?"

"Conscience is only a habit of thought as cultivated by the individual. Your so called conscience and the conscience of a Chinaman who says prayers over the graves of his ancestors are two totally differently from childhood. The 'don'ts' and 'dos' of your childhood have grown into your system until they have become a part of you. If you violate them it's against your nature and you have a disorganized feeling that you call your conscience. You and the Chinaman have the same kind of emotional reactions from entirely different causes. You have been brought up differently, that's all. You have followed a path that other men laid out for you, you step out of it and you are bewildered. It's all against your habit of thought. But it's best for your own skin to stick to the path. Now let's hear more about the 'less sanguinary crime,' you mentioned."

"Your danned logic takes my breath away," gasped Babe Garden, "but it seems to be just the way a lot of fellows are thinking. Somehow I still feel traces of the old fashioned notions of morality. It may be out of date but I can't quite get into the new ideas, and I did not come to Ivanhoe either just because I know football. You know what they say, that't maneuver the ball with my head instead of with'my hands and feet. But I don't get this system of what's right and wrong that seems to be in vogue here."

HE trouble with you has been that your contacts have been too one-sided all your life. I'd give anything myself to have your balance of

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Wishita, Kansas.—The Leon Lambert Manifeaturing Co., Box 22°-R, of this city is putting out a new 600-mile radio which requires no tubes or batteries and sells for \$2.55 postpaid; 250,000 homes already have them. They will send folder, picture and convincing testimonials of this wonderful set free. Write them.



Tells you how you can quickly locate on your dials any station our set will reach, thereby eliminating squeals and howls of "hit or miss" and "remember" you had of twing. methods of tuning.

UP-TO-DATE EDITION NOW READY
Gives complete station information crossindexed three ways, map and "Radio
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MORETHAN AN ORDINARY LOG BOOK





100 VOLTS Complete \$15.50 145 VOLTS With a Complete Charger. \$21.50

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Dept S, 1452½ South Wabash Ave., Chicago Opposite Coliseum Calumet 4911
Open till 8 P. M. Sunday Till 2 P. M.
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use the word 'soul,'" Babe grinned sardonically. "Perhaps your murderous inforce. That's why I like you so well. You
"I think so." Karl began to whistle exclimation would not cause you to feel
have the elements in your system that I
hack and which I am trying to supply!
"Yeah, the tune of what?" Note exceeds

nervous energy, myscle, bone and vital force. That's why I like you so well. You have the elements in your system that I lack and which I am trying to supply artificially. It won't take you long to get a broader view with your make-up. I use my body for experimentation, when I should be using the body of some condemned criminal or lunatic. I artificially supply the elements of certain endocrine secretions to give me those qualities I desire. It doesn't work very well because I am unable to carry on the tests in a thoroughly scientific manner without endangering my mental efficiency or possibly sacrificing my life altogether."

"Not that I have any animal self preservation motives that cause me to yearn to live on but because I have a serious interest and curlosity to get to the bottom of a lot of things that give me satisfaction in their study. Some day I may yield to a temptation to perform one last great experiment and let it all go at that. Buright now I'm interested in the thing that has cast such a melancholy spell over your spirits."

"You are to meet Nate Weiss with me at Theological Court at 1:30, so get through. I'm not hungry."

"Don't let anything disturb your digestion or you won't have the constitution long that you now enjoy. You can at least have a piece of hailbut with me and a little vegetable salad."

A Jap brought them theier food, including a glass of milk which they consumed while Babe explained his conversation with Weiss and the proposal to hi-jack the University warehouse for a truckload of raw alcohol.

"It's a little risky and rather futile," counseled Boescher, "but I'll go with you behave—and also how Weiss behaves. He has been one of my favorite clinics, although he does not know it. And another thing, it will give us entree to the new Eden Grove, which I understand is going to be one of the most exclusive and costly resorts ever opened. I don't know why weis went to such extremes to get you invelgled when he knows that you and I are such good friends, and he knows me. Sometimes I t

THEY found Weiss waiting as he had agreed.
"Oh, it was the doctor you wanted to get, was it?" Weiss looked like a turtle about to pull its head into its shell. "Did you tell him the job?"
"Certainly, he told me the job. Why shouldn't he?" answered Karl, belligerently.

"Sure, that's perfectly O. K. with me, only I figured you had plenty of dough and wouldn't be interested and there's no use

# FREE RADIO MAP

Figure 1 if you send us names and addresses of two friends who have radios and what kind.

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"Yeah, the tune of what?" Nate growled with a side look from his small piggish

eyes.
"I understand Adam and Eve take possession of Eden tomorrow night with a grand reception to a few specially invited guests," Karl observed with a cold stare

guests," Karl observed with a cold stare through the big owl glasses.

"Ain't nobody invited you yet?" Nate smalled broadly and reached for a card case in his vest pocket. "Would you two like to come and bring a couple of girl friends?"

case in his vest pocket. "Would you two like to come and bring a couple of girl friends?"

"It think so," Karl winked and began scraping out the bowl of his pipe.

"Be sure to show this," he handed Karl a scribbled card, "and your girl friends may want to take a swim after they have heard the snake in the Tree of Knowledge speak his little piece. We will have a few fig leaves, but not many."

"What time are we supposed to be around at the lab tonight?"

"We'll be there about 11:30. You know, it happens you were going by and you thought you heard something, if you get caught, and you just walked through and forgot to lock the door. That's all. But keep walking by and don't let anybody get mosey, if you can help it. Whistle 'Annie Laurie' as a last warning to us. Of course, we will have somebody around to—dark thrown suit and hat with his hands in his pants pockets."

"I think we understand the details." Karl replied. "We'll both be on the job. My friend here is a little nervous. He suffers from 'compunctions', as he calls it, sometimes. And tomorrow night, La! la!"

The boys turned back toward the fraternity house, but at the corner came face to face with Wanda and Stella, both ex-citedly conversing with each other. Babe intended to speak casually and pass, but Would the steep of the st Karl stopped.

"Did you know you are going to attend a very extraordinary function tomorrow night?" he asked. Wanda looked question-ingly at Babe, who turned away, moisten-ing his lips with the tip of his tongue.

In the next installment of the Torch of Youth the reader will be included as one of the very exclusive guests at the biscarre and fantastic reception afforded by Adam and Eve at Eden Grove.

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Of Radio Digest, Illustrated, published semi-monthly at Citiago, Ill., 10 April 1, 1920.
State of Illinois, County of Cook, ss.—Before me, a secret public in and for the State and County aforest the state and sta

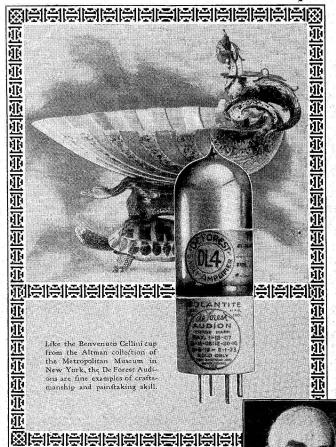
and regulations.

1. That the names and addresses of the publisher, editor, managing editor and business managers are rubblisher. E. C. Rayner, 2335 Commonwealth Ave., Chicago, Ill., Editor, Harnid P. Brown, 6361 University Ave., Managing Editor, None; Business Manager.

Publisher, E. C. Rayner, 2235. Commonwealth Ave., Chicago, III., Editor, Hardolf P. Brown, 636! University. Chicago, III., Editor, Hardolf P. Brown, 636! University. Annual Managing Editor, None; Business Manager, C. Barther, C. 
Sworn to and subscribed before me this 29th day of (Signature of publisher.)
March, 1927.
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F. G. REGNOLDS.
(Aby commission expires August 22nd, 1927.)

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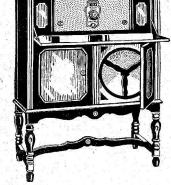
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