

Broadcast Weekly

For
Week of
APRIL
14 to 20



IN THIS ISSUE

40 Pages of Programs

18 Pages of Feature
Articles

Pictures of Artists

DX Schedules

Short-Wave Stations
and
Messages of Leading
Advertisers

"THE LEADING RADIO GUIDE OF THE PACIFIC COAST"

CROSLEY

Announces NEW MODELS---

The Greatest Radio Values Ever Offered

---extra value
---extra performance
---extra satisfaction

Buyers realize that CROSLEY is founded on these three "extras." They know that CROSLEY dealers are reliable. They are sure that CROSLEY sets represent radio-plus at minimum cost.

SEE PAGES 4 & 5

*Your Nearest Crosley Dealer Will Be Glad
to Arrange a Demonstration*

Exclusive California Distributors

KIERULFF & RAVENSCROFT

RADIO EQUIPMENT

121-131
Ninth Street
SAN FRANCISCO



133-141
West 17th Street
LOS ANGELES

YOU'RE *THERE* WITH A CROSLEY

THE JAMES H. BARRY COMPANY  SAN FRANCISCO

BROADCAST WEEKLY

(FORMERLY RADIOCAST WEEKLY - ESTABLISHED 1922 AS BROADCAST PROGRAM)

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San Francisco

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Los Angeles

No. 29

THE EDITOR'S PAGE

THE musical as well as the radio world is watching with interest two new music-making devices which are startling in their possibilities. One is the instrument invented by Professor Maurice Martenot, called Les Ondes Musicales (Musical Waves) and the other the dynaphone orchestra, a development of Rene Bertrand, another Frenchman. The first produces effects more beautiful than any known instrument, according to critics, while the second utilizes musical oscillations in a unique electrical manner. Each gives to the musician, for the first time, an opportunity for self-expression without mechanical limitations. European audiences have gone quite mad over both developments. They are to be shown in this country shortly in concert.

* * *

Scientists are engaged in a definite study, for the first time, of the means by which ants, in some respects the most remarkable examples of animal life on earth, communicate with each other by means of a wireless or radio of their own. French students believe the sense of smell comes into play and that etheric waves which affect organs of smell are used. In Germany it is thought that tiny electrical emanations are set up which the ants receive on their antennae. Research has shown that ants can communicate, without difficulty, over distance which would be equivalent to between 3000 and 4000 miles in the case of human beings. When receiving, the ant pivots about and erects his antenna at right angles to the direction from which his signal is received. This leads to the conclusion that the phe-

nomena is electrical and has to do with magnetic fields.

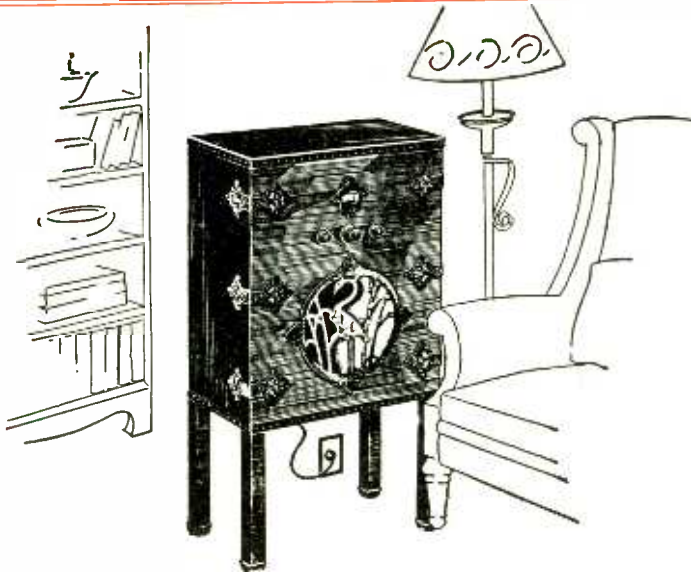
* * *

Out of radio is coming much that is of value to other crafts. For instance, the giant exponential horns which are now used with the talking movies to give correct vocal effects were given their first tryout in the radio field. The photoelectric cell, which plays such an important part in television, is now an essential element in these same talking movies. Persons who see in the radio nothing but entertainment and a message medium for communication with ships, will be stunned to see the developments that grow out of radio in the next ten years affecting every phase of human activity. Radio is a science all to itself and one which will some day be the parent of nearly 100 per cent of our mechanistic existence.

* * *

Within the next five years it is predicted that we shall see the wingless airplane in the air. The approach to this has been achieved by an Eastern air transport company, which uses a wide fuselage on its planes and has almost done away with wings. This, coupled to unusual passenger-carrying capacity and full radio equipment, is changing the transportation of the country. The whole process of development must be standardized, both for personal as well as commercial safety, and the public must aid in this standardization. Everyone ought to know, at least, what is going on in radio and aviation to be well informed.

(Continued on Page 46)



CROSLEY

Power Speaker operating SHOWBOX
with the Crosley Dynacone

You are invited to hear a demonstration of the SHOWCHEST or any of the splendid Crosley radio models, the all-electric Gembox or Showbox table models, the Showchest, or the Dynacone Power Speaker. Ease of operation, outstanding performance and a low price range give the Crosley line first rank in the radio field.

electro-magnetic power speaker built in the

SHOWCHEST

\$115

WITHOUT TUBES

The new Crosley SHOWCHEST is the complete radio set for which you have been waiting. It has the A.C. electric receiver chassis of the famous Crosley Showbox set, plus the Dynacone Power Speaker, in one beautiful metal chest of Chinese Chippendale design. Three colors to choose from, Mandarin Red, Nanking Green or Manchu Black. The moderate price of the SHOWCHEST is an important feature of this striking radio value!

YOU'RE THERE WITH A CROSLEY

Exclusive California Distributors

KIERULFF & RAVENSCROFT

RADIO EQUIPMENT



121-131
Ninth Street
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W. 17th Street
LOS ANGELES



The New

CROSLEY

8 Tube - Antenna Tuned

JEWEL BOX \$112

Power detector makes use of plate rectification instead of grid rectification, as commonly used in radio. Result: overloading prevented and tone improved.

Tuned antenna circuit creates selectivity and sensitivity to a degree of quality never before attained.

By use of C-327 tubes, except in the output, filtering of circuits is improved.

Add to these features other improvements such as *new* volume control, improved push pull audio system, full voltage supply, Mershon condenser and new neutrodyne balancing. Finished in black and white gold.

Exclusive California Distributors



121-131
Ninth Street
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133-141
W. 17th Street
LOS ANGELES

THE HERO

By JULIAN RASHMAN

ORLOFF halted with his bow upraised! "And then what?" he demanded. "Is a woman not always a woman?"

Poniowski laughed.

"Yes, and no," he said. "Woman is a pom-pom, an ornament, a trout to be caught, a drop of water in the sunlight, a note of music. . . ."

"Bah," said Orloff, laying down his violin. "The fish, they burn!"

He ran to the little iron stove and poked something in the pan. Poniowski shook the ashes from his long-stemmed pipe into a bowl, and refilled the pipe from a tobacco jar.

"Besides," he went on, tamping down the tobacco, "how do you know she is rich?"

"She showed me her bank book," said Orloff. "Get the wine."

They sat down to a meal of kippered bloaters, French bread, and wine, eating in silence. Presently Orloff waved a large chunk of bread.

"Tonight I will ask her—straight out!" he said with determination.

Poniowski said nothing. He knew Orloff would do nothing of the sort. Orloff was a coward where women were concerned. He would put things off tonight, as he had done before. With Sayde Borochekk he was completely tongue-tied. Twice he had gone bravely to her iron gateway, contenting himself with walking up and down, in a tremor. Each time he returned, his hands moist, and admitted his failure. It was quite sad.

"It has always been this way. . . ." Orloff spoke between mouthfuls of bloater. "When I was young—a mere child—my mother brought girls to the house. I would run and hide. . . ." He ceased chewing and stared out of the window.

"But, my friend, you must have known that some day it would be inevitable—that one cannot escape it." Poniowski spoke quite dispassionately.

"Yes, oh, yes. I have known. The play-mates—they laughed at me. 'See the afraid boy!' they would cry. I would turn my head, and my face would be red with humiliation. Sometimes, alone, I have cried. He beat himself on the chest with the handle of his knife. 'But I am not afraid! I have no fear. I am not a coward. It is . . . it is . . . they make me speechless.'"

Poniowski nodded quickly. He, of course, was different. But he felt a certain sympathy for his friend.

"Listen," he said. "Have you tried the old ones—the wrinkled ones with whiskers and flabby bodies? They are not young to distract. They are lonesome. They will talk about all things. It is good practice."

Orloff shook his head despondently and helped himself to more bloater.

"Even Madame, our landlady," he said. "There is that in her eye which chokes me. I would say: 'Go away, old one and cease gossiping!' and yet I cannot. She pins me against the wall and talks until I must go mad. No, it is the sex. All of them. I have given it much thought."

Poniowski filled his glass lazily. The food was good. The wine was good. The fire was warm. And it was not his problem. He shrugged.

"I suggest and you say I am wrong," he said. "What more can I do? If it were I. . . ." He pulled reminiscently at his pipe. "I would step up bravely and speak like a soldier—in the way of soldiers. But—you are not I, and that is that."

Orloff nodded miserably. The fish stuck in his throat. The bread was dry. The wine tasteless. He laid down his knife and sunk his chin in his hand.

"I might write a letter," he said after thinking.

Poniowski laughed scornfully.

"Her father would read it and then where would you be?"

Orloff spread his hands with a gesture of helpfulness. Presently he put on his hat and overcoat and rushed out. Poniowski settled down before the fire. Poor Orloff—making such a mountain out of so very small a mole-hill. O woman—pouf! The Borochekk—another pouf! She was but something with a pink face and inviting eyes. Women's eyes always invited. If one did not see the invitations—they became scornful and the tongue sharp. The invitation and the sing . . . they were never far apart. They always upset Orloff. He should say silly nothing that might mean this or that. One should never let a woman understand what one meant. If she was uncertain, she was interested. If she was interested, she was vulnerable. It was all so simple. Poor Orloff!

An hour passed. Poniowski refuelled the fire and ate the rest of the fish. Orloff was really a good cook. He would be good for any woman. He had a good job with the Metropolitan orchestra. He was industrious, an artist—and seldom drunk. He liked chil-

dren, and even dogs, so long as they did not knock over his music stand. Really Orloff was a prize fellow. It was a shame he should be so upset over the Borochekk.

Madame Strobhoff knocked on the door and thrust her hag face within.

"He is not here?" she inquired.

"No, ugly one," replied Poniowski. "He is about his business. He has no time for old women."

"Bah," said Madame, "he works hard for lazy friends who eat his food—evil-tongued, good-for-nothing friends."

Orloff's guest laughed comfortably.

"You are jealous," he said. "I share with him. See? I brought the wine."

"Wine? Ah!" Madame's eyes lighted.

"So?" Poniowski taunted. "She sees a jug—and she is almost young again. For a barrel now. . . ."

"It is hard to get—good wine," hinted Madame. "In the old country. . . ."

"In the old country old women are drunk all the time. True! Thus, they do not bother guests with their hag faces—guests who smoke in peace."

Madame thrust her face farther into the room.

"They buy me off," she said suggestively, with a yellow grin. "I will go for a price."

Poniowski shrugged, leaned his pipe against the chair-arm and, taking a tea-cup, he poured Madame a drink of wine. She clutched it in her skinny hands, smacking her lips and rolling up her eyes. When she had drained the last drop she handed back the cup.

"Ah-h!" she breathed, and went out without another word.

Poniowski laughed silently, shaking until the tears ran over his cheeks.

"And once she was good looking, perhaps, like Sayde Borochekk, with nice hands. Ho-ho-ho! Now, for a cup of wine she smacks her lips, shows her yellow teeth, and says, 'Ah-h!' Well, life is not so bad, if one can laugh at it. Poor Orloff. He must learn to laugh." He fell to shaking again at the very thought.

The little wooden clock on the table clacked sharply. Poniowski's head tilted back and he closed his eyes. Vaguely he wondered what Orloff was doing. He might be here, warm and comfortable, instead of pacing about out in the night. But then, Orloff was a fool. He took women seriously. Women! Puff! Poniowski slept.

Outside the night hushed the stridences of the day beneath the mantle of mystery. There may have been a moon. . . . One

never knows in a deep city. Orloff strode up and down this street and that, his hat pulled low, his cane tapping the walk sharply, like a man facing a great crisis. He sought the shadows. People were but objects to be avoided. He wanted to be alone, to collect his thoughts. What should he say? What should he do? Sayde's words came back to him. . . .

". . . you live alone. There is so little one can do for you, my friend. Here I have many luxuries. If at any time. . . ."

She was a glorious woman. Orloff clenched his cane. His breath came fast. There were women and women. Sayde was tall, straight as an ash. She looked one evenly in the eyes. She would stand by a man, that woman! Once he had pictured her in a wedding veil. It had almost choked him. That night, at rehearsal, he had played like a man possessed, so that the conductor, the great maestro, had glanced at him in surprise. Afterwards he had laid a hand on Orloff's shoulders.

"You played tonight," he said. "You will some day play alone—in concert!"

But Orloff had not played like that again. He had been afraid to conjure the picture. How could he tell a great maestro that it was the fury of humiliation with his own miserable futility which whipped him into that intricate bowing? Such things are of the soul, not the tongue.

Only Orloff knew that it was not alone Sayde who tied his tongue in this way. There had been other women. In fact he could not, even now, name one who had not thrust him into the hell-pit of shyness. He stamped his feet on the sidewalk until they tingled. He felt that if he could but grapple with his hands some fighting thing it would steady him. Perhaps if. . . . A yellow light gleamed through a window. The iron gateway! Her gate. . . . Stark terror was on him suddenly. He gritted his teeth. He must face it. He had promised, and Orloff always kept his promises. That is, he had kept them all but this one.

He fell to shaking. Should he go back now and face Poniowski's jeers and derisions? Was he, after all, a coward? White-livered? A hopeless weakling? He drew nearer to the yellow light. The lovely Borochekk was there—sitting beside the little red table, her hands busy with needlework. . . .

The star of a policeman gleamed down the block. The sight steadied him. A policeman with work to do—and doing it. Not hanging back, a craven. Orloff watched him as he walked, putting his feet down firmly, steadily,

(Continued on Page 30)

Majestic

Combined Electric Radio and Phonograph

MAJESTIC has again thrilled the world with this mighty dual source of entertainment.

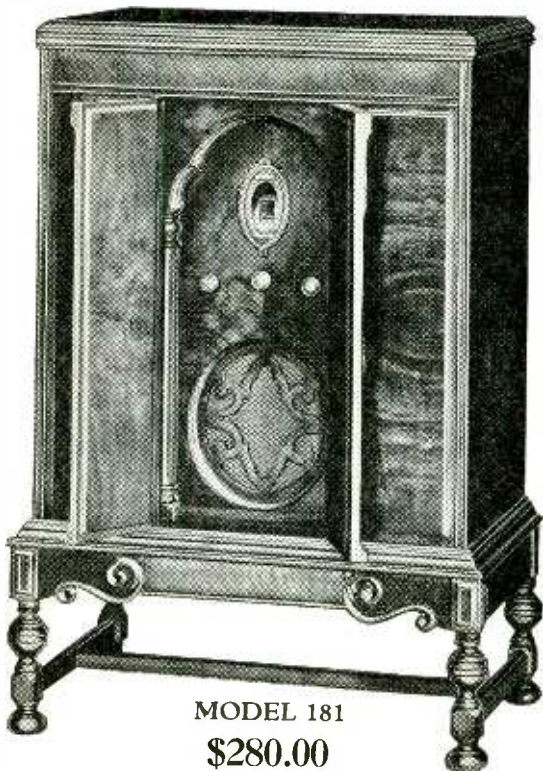
Radio reproduction unequalled *by any other receiver at any price . . .* the music of your favorite phonograph records available when you wish it . . . a thrilling depth and full-rounded mellowness of tone that is awe-inspiring.

When you see and hear this marvelous new MAJESTIC creation, you forget all but quality . . . quality of performance and quality of appearance that you can really feel.

TUNE IN MAJESTIC THEATRE OF THE AIR

Over Columbia Broadcasting System—Station KYA, San Francisco—every Sunday night, 6 to 7, Pacific Standard Time.

Headliners of stage and screen.



MODEL 181

\$280.00

Less Tubes

Cabinet of beautifully matched butt burl walnut. Radio has three stages of tuned radio frequency amplification, using R.F.L. balanced circuit. Two stages audio amplification, the last stage using two 250-type power tubes. Electric phonograph with Majestic electric pick-up and electric motor-driven turntable. Phonograph switch combined with main tuning control. Volume control on front of set controls both radio and phonograph.

Wholesale Distributors

Frederick H. Thompson Co. **Holmes & Crane**

1131 Mission Street, San Francisco

291 Fourth Street, Oakland, Calif.

Kimball-Upson Company

607-11 K Street, Sacramento

The RADIO TATTLER



By EARLE ENNIS

WESTINGHOUSE engineers are planning an "at home" or mechanical reception, at which Mr. and Mrs. Televox, the robot favorites, will entertain. Guests will be welcomed at the door by the tin behemoths, given a program of music, shown over the robot mansion, and finally served with refreshments. An engineer will direct the affair as master of ceremonies by shouting orders—train dispatching the scientific newly-weds, as it were.

* * *

The idea has intrigued staid old dowagers of authority and dictators of social affairs who see in the Televox pair the perfect host and hostess. For, it must be admitted, that none of the usual social faux pas can upset the perfection of their performance. An error in introductions, a slip in the service—these are mistakes automatically eliminated. It is predicted that one or more of these robots may shortly make their appearance at afternoon affairs, as shining examples to the guests.

* * *

This is a unique idea—the expression of social forms in coded telephone wire. The circuit in the red wire always insures just the correct bow when addressing a lady. The blue wire guarantees the right flip of the wrist when shaking hands. The green wire certifies a stately, dignified mien when greeting guests. With a separate circuit to each standardized social form, a flawless function may be developed. A thermometric control may even insure just the right amount of scandal or gossip, according to the temperature of the gathering.

* * *

Personally we favor the robot Congressman who can be timed and adjusted to the wishes of his constituents and sent to Washington with his master control locked, mechanically pledged to carry out the desires of his creators. It would eliminate the "tools of power" by putting power behind the tools and making them cut and hew under control of the public voice. A Senator would be reasonably free from corporate influence unless stress and a blow torch were called into play—hardly a likely combination.

* * *

A clergyman who operated from a motor and could be depended upon to enunciate only the precepts of his divinity school, or

such specialized utterances as might be approved by a synod or a conclave, would be a vast improvement over the free-thinking prelate who now and then disrupts the harmony of stabilized religion by original interpretations. We would see a decline in heretics, the only non-conformists being the teclergy with motor trouble or a blown fuse.

* * *

There are various developments of this televox idea which may be put into operation if the social phases are found to pass inspection. For, after all, life is wholly built upon social phases. It is well known that the big rough man with the heart of gold can amount to little in life if he insists on leaving his spoon in his tea. But a big, kindly Televox with a heart of cams and push-buttons can get along nicely in the world if he but give a lady his seat in a crowded car. Such is the difference between human and mechanical acceptances.

* * *

The robot bridge player, who never forgets when to play, never mistakes trumps, never fails his partner's synchronized lead—he has a field all to himself. The robot radio announcer, who never chops off a pianist in the middle of a bar to let in a hand soap, who never mispronounces the names of musical composers, and who never announces the wrong piece—who, in short, has Timkin bearings and a Fisher body, a Buick pick-up and a three-point declension—he would be a joy eternal.

* * *

Married women who have trouble getting a bridle and harness on a husband, or keeping him in the corral after he is harnessed, might take a robot to board with the family. He would pick up his own shirt, tend furnace, answer telephone, and wind the wringer. If he started out for the evening, a world hurled at his microphone, and he'd right about face with a metallic "yes, my dear." And a turn of a dial would control his repartee and cut it down to a 10 kilocycle band.

* * *

It appears, at a casual glance, that Mr. and Mrs. Televox may somewhat change a lot of things in our human existence. What with their standardization of social reforms, their

(Continued on Page 74)

A PERFECTED ELECTRIC RECEIVER

The SPARTON
EQUASONNE



Model 930

Only
\$199.50

Complete with
8 TUBES
and a
RECTIFIER TUBE

• • •

Dynamic Speaker

Other Models
\$152.50 to \$925

SYSTEM RADIO SHOP

"Years of Exclusive Radio"

2062 Broadway, Oakland

Phone GLencourt 7225

Wholesale Distributors

W. E. & W. H. JACKSON, Inc.

2511 Broadway, Oakland

255-261 Ninth Street, San Francisco

The OPEN CIRCUIT

This department will be devoted to a general exchange of ideas. Letters of constructive criticism or suggestions will be printed. Broadcast Weekly assumes no responsibility for letters printed in these columns.

Sebastopol, Calif., March 1, 1929.

Dear Sir:

I do not know if you like poetry (?). Anyway, many of your women readers feel as follows about some singer of sweet songs. So here goes:

Radio Love

Radioland is a world apart,
Where you belong to me —
Where I hold you close to my loving heart,
And kiss you tenderly.
Broadcaster of dreams,
Dreams that never come true—
Without one taint, or despair;
I am yours, you are mine,
Through the ages to be.
When I hear your songs on the air,
The land of the air
Is a land that's fair;
Though your face I never see,
I hear your voice
O'er the moonlight air,
And you sing of love to me.

ROSE REDFIELD.

San Francisco, March 30, 1929.

Dear Sir:

This is in reply to certain allegations made in this column recently by L. G. S. of Fresno. From where I am sitting it appears that L. G. S. is not as much interested in the facts of the case as he is in creating a loud splash in the ethereal sea of radio. His insinuation that Broadcast Weekly favors KFRC may easily be refuted by taking half a dozen copies and comparing the number of KFRC pictures and stories with those of other popular stations. (It's loads of fun and anyone can do it in his spare time.)

I'll skip the interesting airing of his theories down to where he advises KFRC to get out of the amateur class and do more of its Sunday morning stuff—suggesting records in lieu of cheap talent. This would require a dozen Broadcast Weekly pages to answer properly. Let's only mention a few things and call it a letter. There's the Sunday evening program featuring Charles Bulotti, Juanita Tennyson and the seventeen-piece orchestra directed by Frank Moss. This concert orchestra is heard nearly every night in the week. Harold Dana and Lucille

Atherton Harger are staff artists. Of course, listening to Simpy Fitts is a matter of choice, but as an original radio entertainer we consider him the Peer of Performers—ace-high. All those in favor tune in. KFRC has developed more artists who are now making records than any other Bay Region station. I hesitate in mentioning the outstanding fun and variety program on the Pacific Coast. The Blue Monday Jamboree, because L. G. S. methinks, would not consider this "good stuff."

Don't want to quarrel with L. G. S.'s tastes, but I feel that such foundationless charges of "amateurishness" against KFRC should not remain unanswered.

Sincerely yours,

D. GRAY.

San Francisco, Cal., March 31, 1929.

Dear Weekly

After listening in tonight, I am ready to join the multitude and give vent to my feelings. Here's my complaint: I don't mind the advertising that is given at the beginning and at the close of a program, but why, oh, why can't they refrain from chopping into the program with their advertising? I was very comfortably seated and receiving a fine program when right in the middle of it they stopped and commenced selling their product. Well, it just didn't set right with me. I tuned it off and tuned in another. When it happened the third time I simply turned the radio off and called it a night. At least until Amos and Andy came on. This is one feature that is not marred by advertising. Now, mind you, I am not at all against advertising, but I am against having a program interspersed with advertising. Perhaps you recall how the small movie theatres used to do in the old days, that is, run advertising slides in between features. Well, what would happen if they practiced that today?

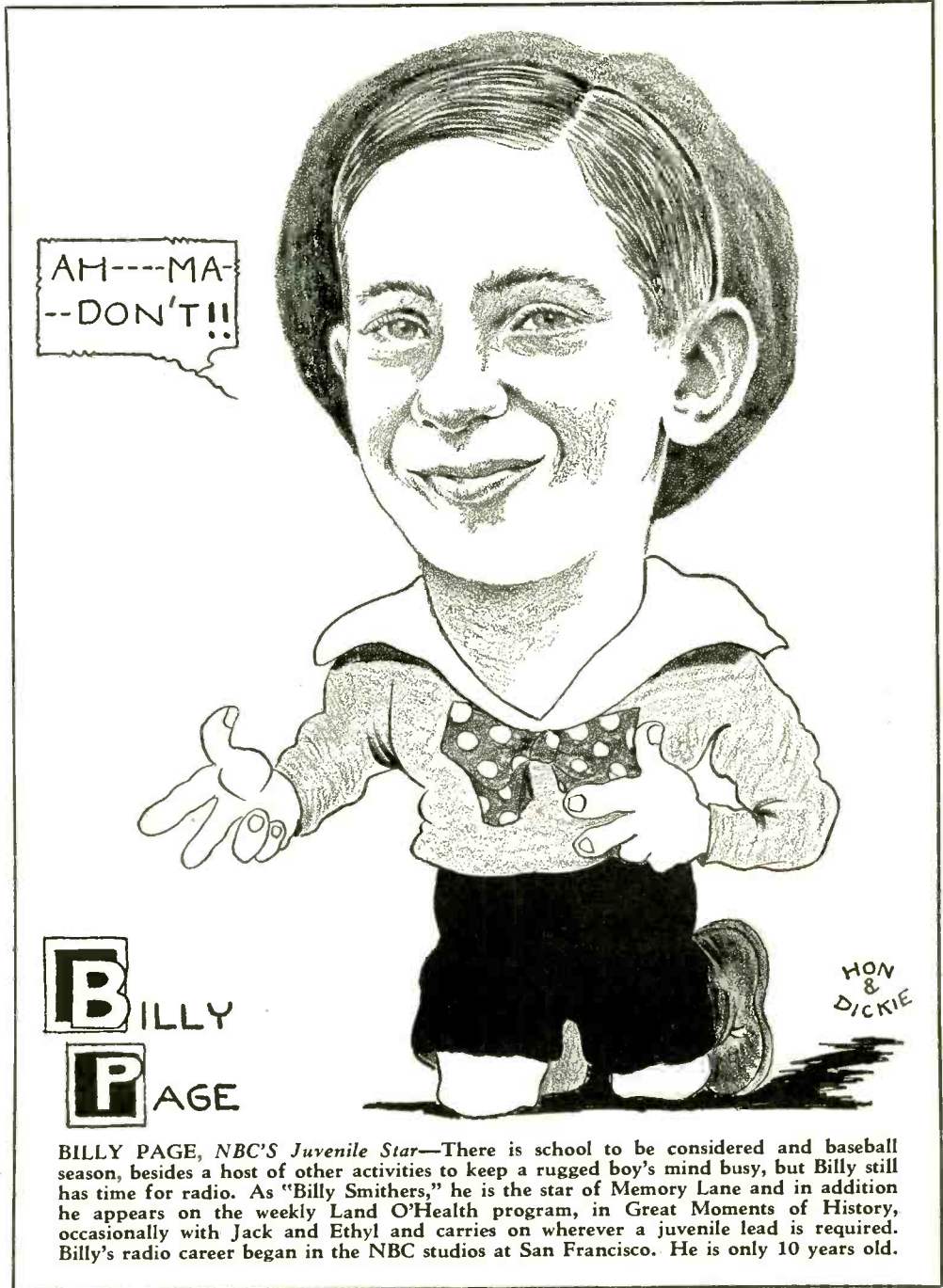
R. Croessmann.

\$3 will bring *Broadcast Weekly* to your door every week for one whole year. Why not subscribe Now?

You may still
turn in your
old radio set
[regardless of make or age]
on a new

KOLSTER

See your dealer
now - - he will
allow you as much
as **\$100** on your set



AM---MA---
--DON'T!!

BILLY
PAGE

MON
&
DICKIE

BILLY PAGE, NBC'S *Juvenile Star*—There is school to be considered and baseball season, besides a host of other activities to keep a rugged boy's mind busy, but Billy still has time for radio. As "Billy Smithers," he is the star of *Memory Lane* and in addition he appears on the weekly *Land O'Health* program, in *Great Moments of History*, occasionally with Jack and Ethyl and carries on wherever a juvenile lead is required. Billy's radio career began in the NBC studios at San Francisco. He is only 10 years old.

You don't know what your set will do 'til you try ARCTURUS TUBES

NEVER before has there been such
radio reception . . . such clear-
tone reproduction . . . such all-around
efficiency in any radio tube or set.
Wonderful . . . what this Arcturus
No. 127 will do—

Brings in programs in 7 seconds
Increases volume
Banishes hum—better reception
Prevents hum from current surges
Averages over 2000 hour life

Experience this new era in radio re-
ception . . . re-tube with the No. 127
Arcturus Blue Tubes. You'll be amazed
at the vast difference in your set.
Your dealer sells Arcturus Blue Tubes
. . . come in for a demonstration today.

WEST COAST REPRESENTATIVES
UNIVERSAL AGENCIES
905 Mission St., San Francisco Cal.
211 Calo Bldg., - Los Angeles, Cal.
WESTERN SALES & SERVICE CO.
W. 1817 Augusta Ave., Spokane, Wash.



ARCTURUS

BLUE ^{A-C} LONG-LIFE TUBES



SHRAPNEL



By "J. K."

A WRITER in the New York Times estimates that 350,000 more radio sets are needed to shove the word "isolation" out of the dictionary. Even then, when that millennium is reached there will be some whose B batteries are dead.

* * *

A radio citizenship school is under way, over the air lanes, whose purpose is the educating of the public in those pressing themes and problems of governmental politics which are of the hour. We'll bet a cookie there will not be a department of lower taxes.

* * *

An Eastern man asked a divorce from his wife because she spent the evenings at home with a male crooner tuned in on her radio set. We fail to see where he has any complaint. Suppose she spent the evening with the crooner!

* * *

Dr. Georg Krause, a Berlin engineer, announces that 10,000,000 quarts of water may be purified of all germs by adding $1\frac{1}{2}$ grains of silver to it. We suspect Georg of being in the employ of the Anti-Saloon League.

* * *

Ultra-violet rays, says a Harvard scientist, enable human beings to see at night. That's the trouble with human beings. They see too much at night, as it is. What we want is a sub-violet ray which will take the place of a window curtain.

* * *

Someone is always taking the joy out of life, even when it is at its fullest. Announcement reaches us this week that, by means of a disk, a wife may leave instructions for her husband when she is away from home. The device is attached to the loudspeaker of the radio set and all that hubby has to do to get his orders, is snap the switch. Just like being married to a lady robot . . . !

* * *

These new dial telephones demand three hands to operate. With one hand, one holds the ear gadget. With a finger of the other, one tries to hit the hole. The telephone is too light for its work and one simply has to chase the thing into a corner, put one foot on it and stab at the right hole. One of the simplest ways to work the phone is to sit down on the floor, turn it upside down, squeeze it with the knees, and then work the dial with the one hand that is left free.

The Metro-Goldwyn-Mayer studio had to take a "talky" of a lion's roar. Their largest lion was mounted in position and the cameras all set. A helper twisted the lion's tail. It was the camera men who let out the roar. It was finally agreed to let the keeper prod the lion to obtain the roar, and the camera men went back to work and "shot" the noise.

* * *

Recent experiments in landing a plane with a parachute attached have given bootleggers a new idea. They motor over from Canada now, drop off a case or two on a parachute and go about their other business. Those of us who pick up the packages have to worry about the Jones law.

* * *

A Chicago man recently sued his wife for divorce, claiming that in her moments of supreme cruelty she pulled his galluses out and let them snap back. After three years of replacing galluses he decided to end it all. We'd like to know what make those pants' hangers were.

* * *

A man in Wheeling, West Virginia, has discovered a method to beat bill collectors. He ties his airplane behind his lizzie. When he sees a collector approaching he leaves the lizzie, hops in the plane and drops down in another state. He buys his lizzies for \$20 and claims he has beaten collectors out of \$300 in six months.

* * *

Government statisticians estimate that with the machinery at the disposal of the modern citizen, the average man and woman has the equivalent of sixty servants at his or her disposal. This means that about forty or fifty of them ought to be fired at the end of the week.

* * *

An aviation magazine, carrying an article for young aviators, warns them not to fly upside down. This seems a bit unnecessary. If a man really doesn't know how to do it, he'll find it out the first time he tries. And after he's tried it—the advice is superfluous.

* * *

America has entered the second great epidemic of its history, viz., build your own airplane at home. The first had to do with radio. The fatalities are much greater in one case than the other, however, for no matter how much the radio set flivvered, when a plane flivvers, the undertaker takes charge.

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The STARGAZER



A Peep Across the Music Firmament

By FREDERICK NORWOOD

FRAU COSINA WAGNER, widow of the great composer, is reported to be in dire want. Another of Destiny's Olympian jokes! Wouldn't you just know that a world which makes wealthy men of Paul Whiteman and George Cohen, would leave Frau Wagner to starve in dignified aloneness?

* * *

While non-stop flights, kite-flying, and matrimony have been busy rolling up records worth newspaper space, Edward Johnson, creator of the name rôle in Pizzetti's "The Gherado," has set up a little record of his own in the field of music. In one month he has sung eight operatic rôles and in nine appearances.

* * *

John McCormack, famous tenor, has qualified for diplomatic service. In addition to his musical title he now carries the d. s. o., of the "peace maker." He earned this by singing in concert halls in both the North and South of Ireland. If music hath charms . . . well, at least Ulster and her time-honored enemy may beat in accord henceforth.

* * *

Students attending colleges and schools near Philadelphia during the coming year will be playing in luck, musically speaking, for, so reports Joseph Hofman, the Curtis Institute of Music plans a series of concerts for not less than ten of these, to promote an appreciation of good music.

* * *

If the popularity of private musicales is any indication of the awakening of a national musical consciousness, the signs are already looking up. For such events are becoming well established on the Eastern end of America, and rumor has it that they are catching the mind and ear of the Pacific Coast. Let's hope! This is the surest anesthetic to put the jazz mania to sleep!

* * *

And speaking of jazz mania, its passing will hardly leave the ether sagging with such virtuosi and composers as Ravel, Carpenter, Honegger, Casella, and Copland already towering against the modern skyline.

* * *

Benno Moiseiwitsch's agile technique is not confined entirely to the pianoforte, as a recent telegram to his manager cancelling

his American tour indicates. The telegram conveyed the information that Benno was married and en route to India on a honeymoon.

* * *

"Leonora," conceded to be the first American opera, is being revived in condensed form by Pro Musica. Being American it would be condensed ultimately, so "why not now"?

* * *

Seattle has given many indications of a live musical response. It is now enjoying an interesting series of weekly programs called "The Three Art Series," presented by the Cornish school, on Friday evenings. The programs feature an excellent trio, orchestra, a plastique interpretive ensemble, theater, dance, and other musical groups.

* * *

WOR is adding to the microphonic luster of broadcasts, presentations by the Friends of Music. These are under direction of Walter Wohlbe, and are given every Saturday night. On the same nights, over NBC network stations, Pierre Key, editor of "Musical Digest" will cover the highlights in musical events. These are valuable radio contributions. Radio listeners who possess long arm sets and a nonchalance about sleep are playing in luck with these features.

* * *

Minnie Hauk, operatic star of the '80s and creator of the first Carmen, died in February, aged 76. She was ranked as the greatest of her time, and her performances are recalled by many old-timers.

* * *

Mary Garden, Rosa Ponselle, and Geacomio Volpi are godmothers and fathers (what 1929 Cinderella would be satisfied with one?) to a 16-year-old vocal nebula who promises to develop into a bright Metropolitan star. Pencil the name down and watch her career—Serafino di Leo. We know little of her yet, save this sponsorship, which is by way, itself, of a certification.

* * *

The two American prize-winning orchestral works, "Two American Sketches" and "Songs of the Bayou," which won \$10,000 and \$5000 for their composers—Thomas Griselle and Rube Bloom—were recently heard in their first performance at the Roxy Theater, New York.



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KFCR.....	Day, 6230; Night 3118	6230
KFEC.....	Br.	4411
KFI.....	Day, Westmore 0331; Night,	0337
KFJI.....	Day, 450-525; Night	450
KFJR.....	Broadway	2468
KFOX.....		67281
KFPY.....	Main 1216-17-18-19	
KFQU.....	Los Gatos 458J	
KFQW.....	EL	6675
KFQZ.....	West. 3001-02-03-04	
KFRS.....	Prospect	0100
KFSD.....	Franklin	6353
KFSG.....	Fitz	5121
KFVD.....	Santa Monica	77115
KFWB.....	Glad. 9461-2;	27111
KFWC.....	Pomona	1147
KFWL.....	Market 1140	1141
KFWM.....	Glencourt	6774
KGA.....	Main	3434
KGB.....	Franklin 6151	6153
KGDM.....		794-795
KGEF.....	Westmore	8887
KGEN.....		1100
KGER.....		632-75
KGFH.....	Douglas	3326
KGFJ.....	Westmore 7777	7778
KGO.....	Fruitvale	5980
KGW.....	Atwater	2121
KGY.....	Olympia	1174J
KHJ.....	Tr.	8411
KHQ.....	Main	5383
KJBS.....	Graystone	3717
KJR.....	Day, Main 2495; Night, Main	2475
KKP.....	Ell.	1881
KLS.....	Lakeside	6223
KLX.....	Day, Lakeside 6000; Night, Lakeside	6015
KMED.....	Day, 305; Night, 305J	1-2
KMIC.....	Thorn. 1121; York 8545; Inglewood	1897
KMJ.....	Day, Fresno 3-5221; Night, 2-	8817
KMO.....	Ma.	4144
KMTR.....	Ho.	3026
KNX.....	Hemp.	4101
KOAC.....		620
KOIN.....	Day, At. 4151; Night,	5262
KOL.....	Elliott	4466
KOMO.....	Elliott	5890
KPCB.....	Ma.	7997
KPLA.....	Trinity	3202
KPO.....	Kearny	0704
KPPC.....	Terrace	1163
KPQ.....	Day, El. 1433; Night, Sa.	7809
KPSN.....	Wakefield	3111
KQW.....	Col.	777
KRSC.....	Main	5494
KTAB.....	Garfield	4700
KTBI.....	Metropolitan	6701
KTBR.....	Beacon 7000; Lancaster	1700
KTM.....	Dunkirk 5154	5194
KUJ.....		352-J
KVL.....	Day, Main 1530; Night,	3960
KVL.....	Ell.	1881
KVOS.....	Day, 1627; Night, 1366	1627
KWG.....		580; 581
KWTC.....		1896
KXA.....	Elliott	1634
KXL.....	Beacon 0456; Broadway	8484
KXRO.....	Aberdeen 4098	4099
KYA.....	Prospect	3456



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JOHN R. BRITZ, ABC.

By MONROE R. UPTON

JOHN R. BRITZ, who may be found at the KYA unit in the ABC chain of stations, is vocal director in addition to being in charge of considerable of the arranging and orchestra directing. He was born in Budapest in 1884 and, like his fellow ABC director, Liborius Hauptmann, was trained first in the university to be an engineer. He came to America in 1907 as an engineer; returned to Hungary in 1909, and came back to America in 1912. All of this time he was still a mechanical and electrical engineer. It was in Kansas City at the age of twenty-eight that he went over to music.

It must not be supposed, however, that John R. Britz answered an advertisement in a magazine, studied during his spare time for six months, and then amazed his friends by suddenly blossoming forth as a saxophone player at a house party. In the first place, he can't even play a saxophone. He only plays the string instruments, 'cellos, violins and piano. In the second place, he began studying the piano at the age of five and studied for about eight years. He studied the 'cello for six years and graduated from the academy of music, which included instruction in harmony and the history of music. Furthermore, he was fortunate in having musical parents. His mother played the piano very well. Although his father loved music he never mastered an instrument. General manager of a large machine and electrical works, he would come home in the middle of the day and practice faithfully on the violin, but it seemed impossible for him to acquire any skill on the instrument.

Even with all this, Britz attributes his ability to successfully desert engineering for music, at the age of twenty-eight, to the further fact that he had years of work in chamber music in Hungary, the finest kind of training for a musician.

In America John Britz's musical life has been chiefly bound up with the comic opera and the musical comedy. He has a sincere affection for the bright and tuneful music of the modern musical show. His first theatrical engagement in the United States was with Ziegfeld's Follies, as 'cellist in the orchestra. He was musical director for the Chocolate Soldier for two seasons, was with

Mitzi and Sari, played San Francisco with Florabella and Watch Your Step, among a great many other engagements, and landed in Portland as musical director for the Orpheum. In Portland Britz was infinitely more than a mere theatre orchestra director. He was director of music for Oregon's year's pageant, the Portland Rose Festival, for several seasons. But more than that he contributed to the cultural life of the Northwest by producing with local talent a number of

the light operas he loves, including Sari, Robin Hood, The Mikado and the Chocolate Soldier. He was hailed as one of the most beneficent cultural influences that ever invaded the western cities. A Portland paper says editorially: "Tall buildings are not a city. Walls and sidewalks are not a city. Bank accounts are not a city. It is the people who are the city, and the character of the people fixes the character of the city. The big thing in this or any other town is not merely to make the city limits bulge, but to make growing youth and those in maturity rise upward in brains,

taste, culture, education and purpose. That is the reason Portland should help John Britz make a success of his highly laudable enterprise. John Britz is setting an example in his effort to give the town a field in music that adds grace and charm to the city's cultural life."

This is the man, then, the radio has been fortunate enough to win for itself. During the past four years he has been connected off and on with all of the Portland stations. During this time he has always looked toward radio with a great deal of faith in its possibilities and future. On January 1 of this year he became permanently connected with the ABC staff.

Britz knows 86 comic operas and 14 grand operas backward and forward. His favorite operas are Hansel and Gretel by Humperdink and Strauss' Rosen Kavallier. Brahms and Beethoven are perhaps his favorite composers, and among the moderns Richard Strauss. He is interested in vaudeville and the movies, but has a sane estimation of their value. He reads principally in English, which he considers the most expressive of languages. Shakespeare gives him more than any other writer. He is fond of Jakai.

(Continued on Page 74)



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CFCA 840 Toronto.....		6-7	6-9	6-9		6-9	6-9
KDKA 980 Pittsburg.....	6-7	6-7:30	6-9	8-9	6-9	6-9	6-9
KDYL 1290 Salt Lake.....	5-11	5-11	5-11	5-11	5-11	5-11	5-11
KFAB 770 Lincoln, Neb.....		8-10		8-10		8-10	8-11
KMOX 1090 St. Louis.....	5-8	5-9	5-9	5-9	5-9	5-9	5-10
KOIL 1260 Council Bluffs.....	5-10	5-10	5-10	5-10	5-10	5-10	5-11
KSD 550 St. Louis.....	6-7	6-9	6-8	7-9	6-8	6-8	6-9
KTHS 800 Hot Springs.....	5-8	7-10	5-7	7-10	7-10	5-7	7-10
KWKH 850 Kennonwood.....	6-7	7-10	5-7	7-10	5-7	7-10	7-10
KYW 1020 Chicago.....	5-8	5-11	5-11	5-11	5-11	5-11	5-11
WAFB 1140 Birmingham.....	5-8	5-8	5-8	5-8	5-8	5-8	5-8
WBAP 800 Fort Worth, Tex.....	8-10	5-7	7-10	5-7	5-7	7-10	5-7
WBBM 770 Glenview, Ill.....	6:30-8	5-9	5-9	5-9	5-9	5-9	6-9
WBZ 990 Springfield.....	5-8	5-8:30	5-8:30	5-8:30	5-8:30	5-8:30	5-8:30
WCCO 810 Minneapolis.....	5-8	5-9	5-8	5-10	5-9	5-9	5-10
WDAF 610 Kansas City.....	7-8	5-11	5-11	5-11	5-11	5-11	5-11
WEAF 660 Bellmore, N. Y.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WEEI 590 Boston, Mass.....	5-8	5-8	5-8	5-8	5-8	5-8	5-8
WENR 870 Chicago.....	6-12	9-12	7-12	7-12	9-12	9-12	10-12
WFAA 1040 Dallas.....	6-8	7-10		7-10	7-10	7-9	7-10
WFI 560 Philadelphia.....	7-8		5-8:30		6-8:30		6-8:30
WGN 720 Chicago, Ill.....	5-10	5-10	5-10	5-10	5-10	5-10	5-10
WGR 550 Buffalo, N. Y.....	6-8	5-10	5-9	5-9	5-10	5-8	5-8
WGY 790 Schenectady.....	5-8	6-9	6-9	6-9	6-9	6-8	6-9
WHAM 1150 Rochester.....	5-7	5-8	5-9	5-9	5-9	5-9	5-9
WHAS 820 Louisville, Ky.....	6-7	5-9	5-9	5-9	5-9	5-9	6-10
WHO 1000 Des Moines.....	6-7 8-9	6-7 8-9	6-7 8-9	6-7 8-9	6-7 8-9	6-7 8-9	6-7 8-9
WIP 610 Philadelphia.....	7-8	5-9		5-9		5-9	
WJR 750 Detroit, Mich.....	5-10	5-10	5-10	5-10	5-10	5-10	5-10
WJZ 760 Bound Brook, N. J.....	6-8	5-8	5-8	5-8	5-8	5-8	5-8
WLAC 1490 Nashville.....	6-8	5-8	5-8	5-8	5-8	5-8	5-8
WLS 870 Crete, Ill.....	5-8	5-8	5-8	5-8	5-8	5-8	5-8
WLW 700 Cincinnati.....	5-9	5-10:30	5-10	5-10:30	5-10:30	5-10	5-10
WMAQ 670 Chicago, Ill.....	7-8	5-12	5-12	5-12	5-12	5-12	5-12
WMCV 530 New York City.....	6-11	5-11	5-10	5-11	5-11	5-11	5-12
WOAI 1190 San Antonio.....	6-7	6:30-8	6-8:30	6-8	5-7:30	5-7:30	6-8
WOC 1000 Davenport.....	7-8	7-8 9-10	7-8 9-10	7-8 9-10	7-8 9-10	7-8 9-10	7-8 9-10
WOR 710 Kearny, N. J.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WOW 590 Omaha, Nebr.....	5-8	5-9	5-8	5-9	5-9	5-9	5-9
WRR 1280 Dallas, Texas.....	6-8:30	6:30-10:30	5-6	5-7:30	5-8	5-7:30	5-8:30
WSB 740 Atlanta, Ga.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WSM 650 Nashville, Tenn.....	6-8	6-9	6-9	6-9	6-9	6-9	6-9
WTAM 1070 Cleveland.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WFLA-WSUN 900 (Clearwtr)		6-9	6-9	6-9	6-9	6-9	6-9
WTIC 600 Hartford, Conn.....	5-8	5-8	5-8	5-8	5-8	5-8	5-8

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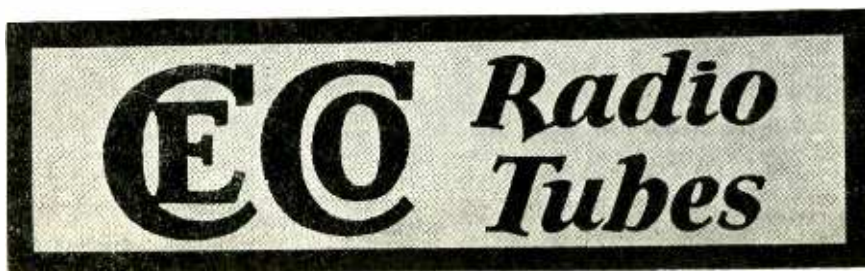
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BERNARD KRUGER, *Manager*





“SCIENTISTICS”

By MAX BEHR

APPLICATION has been made to the federal radio commission by WCAU, Philadelphia, owned by the Universal Broadcasting corporation, for permission to use 10,000 watts. It is at present rated at 5000 watts. This marks the move of some of the Columbia network stations to take on larger power.

* * *

Radio listeners who encounter a wild howl in their sets after 1 a. m., may be interested to know that this is probably the television wave of some station trying out its picture apparatus. The federal commission has announced that it will issue no more television licenses in the broadcast band except for experimental use between 1 and 6 a. m. This puts the howls on alley-cat schedule.

* * *

Application of Francis Eberle and the Southern Radio Corporation, owned by the Standard Oil Company, for commercial licenses has been denied by the Government. The radio corporation had certain short-wave projects under way which are not held up by the federal refusal. Eberle intended to broadcast market reports by four transmitters on short wave out of Los Angeles.

* * *

Heartened by the federal court decision in behalf of WGY the General Electric station at Schenectady, New York, which recently won a signal victory over the Federal Radio Commission, a number of smaller stations are preparing to contest the commission's refusal to grant them higher power or more advantageous wave-lengths, similarly in the courts. Unless President Hoover works out some definite policy which has congressional sanction the federal courts may have a score of these "WGY suits" filed shortly in nation-wide test of the commission's authority.

* * *

A new type of submarine of peculiar deadliness has been developed and is being tried out by the United States Government. It is a one-man affair, electrically driven, and makes practically no noise under water, being thereby most difficult to detect. It can be dropped overside from a cruiser, being only 28 to 30 feet long. The operator sits in a metal cylinder. If he loses consciousness the cylinder is automatically released and comes to the surface with a tiny signal flag attached.

The United States weather bureau has issued a warning to aviators to be on the lookout for weather observation kites, some of which attain a height of five miles, when piloting planes in their vicinity. The kites are anchored by a wire, almost invisible in daylight. They constitute one of the almost unseen menaces to which the flier is subjected. A plane striking such a wire might easily shear off a wing.

* * *

Encouraged by the success of the German rocket car at the Avus Speedway, Berlin, when the vehicle attained a speed of 120 miles per hour, Anton Raab, a German airplane designer, is building a rocket plane which he intends to revolutionize long distance aerial navigation. Raab intends to use rockets as a propelling power after the plane has risen above the earth by its own power. He will discontinue the rockets and come back to engine power when he lands. Tests are to begin shortly with the new hurtling behemoth of the air.

* * *

Berlin is testing out a new motorcycle ambulance for land and water work. A motorized platform carries a boat-like ambulance. When the ambulance is driven to the water's edge the boat portion slides from the platform, using the same engine for water drive.

* * *

Recognizing the forthcoming need for aviation service, the city of New York is planning a \$15,000,000 airport which will be, when completed, the most complete of its kind in the world. It will have a special radio department, signal system, weather bureau, hangars, repair shops, administration building, and supply and service divisions, and will employ more than five hundred persons. It will be self-supporting and is designed as a general headquarters for various air companies, mail-carrying concerns, passenger and express services.

* * *

Henru Sauvage has drawn plans for an apartment house, the largest in the world, to house 10,000 persons in 2500 separate apartments which he intends to build on the Seine, and which, if constructed, will resemble an ancient Aztec pyramid. The building will contain places for more than three thousand automobiles, with the general equipment of the world's largest hotel.

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TOPICS OF THE TRADE



George S. Perkins, ensign of the U. S. Naval Reserve, is organizing a communication section and will maintain headquarters at the Naval Reserve Armory, Twenty-first and Broadway, Oakland. Ensign Perkins desires to hear from men with radio experience that are interested in the Naval Reserve. You can see him Thursday evenings at 8 o'clock at the Oakland Technical High School, where classes are conducted.

E. G. Arnold, manager of Kierulff & Ravenscroft, with offices and warehouse at 123 Ninth Street, San Francisco, distributors of the celebrated line of Crosley radios, just returned from a trip over the southern portion of his territory. Mr. Arnold had with him several new models that promise to be very popular.

George W. Stackman, Pacific Coast manager of the American Bosch Magneto Corporation, with offices at 1262 Post Street, San Francisco, just returned from an extended trip over the entire Coast from Seattle to San Diego. Mr. Stackman tells us that the Bosch business on this Coast is passing all previous records.

Otto May, president of the California Victor Distributing Company, distributors of the well-known line of Victor radios and Victrolas, with offices at 536 Mission Street, San Francisco, just returned from a visit to the factory. Mr. May is very optimistic about this year's outlook.

J. F. Hill, Pacific Coast manager for the De Forest Radio Company, manufacturers of the De Forest tube, with offices and warehouse at 808 San Fernando Building, Los Angeles, spent a few days in San Francisco last week.

John H. Shaw of the Universal Agencies, San Francisco representative of the Arcturas Tube Company, Silver-Marshall and Electrad, departed last week on a trip to the factories.

Bill Magrane, representative for the American Bosch Magneto Corporation, manufacturers of the celebrated line of Bosch radios, with offices at Salt Lake, was a recent visitor to the San Francisco office.

James Ramsey, Pacific Coast manager of the Kolster Radio Company, manufacturers of the well-known line of Kolster radio receivers, advises that his company will soon have new quarters at 339 Bryant Street, where a complete warehouse stock will be carried. Mr. Ramsey is very enthusiastic over the business outlook.

J. M. Spain, vice-president of the California Victor Distributing Company, with offices in Los Angeles, visited the San Francisco office last week.

Stolen: From the Piano-Radio Exchange, 2125 Polk Street, San Francisco, Atwater Kent Model 46, black, No. 2307627; Atwater Kent Model 40, No. 2924326; Fada Table Model 16, No. 8733 A. B. Also a Q. R. S. phonograph, portable electric, Model No. 375, black.

W. E. Darden, Pacific Coast manager of the E. T. Cunningham, Inc., and president of the Pacific Radio Trade Association, advises that it is a satisfaction to know that the work the association is doing in cooperation with the various electric power companies and railway companies in clearing up radio interference is receiving many favorable comments from radio set owners and dealers. Over 300 complaints are cleared up each month.

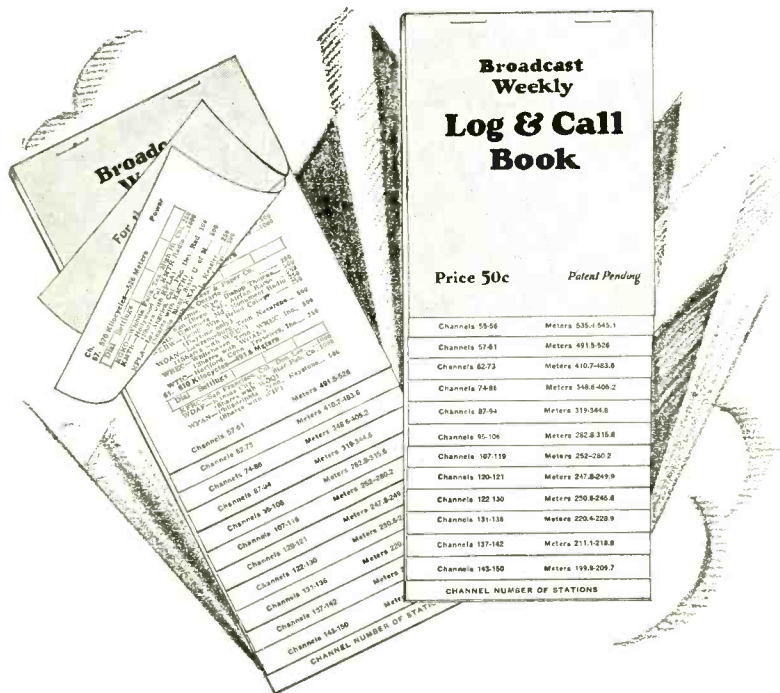
C. L. McWhorter, Pacific Coast manager of the Philadelphia Storage Battery Company, manufacturers of that popular radio receiver, Philco, and chairman of the Pacific Radio Show Committee, advises that his committee is meeting weekly in order to cope with the many subjects they are considering for this year's show.

P. G. Gough, of Listenwalter & Gough of Los Angeles, is in San Francisco in connection with the taking over of the Baker-Joslyn Company.

M. J. Friel now represents the United States Radio and Television Corporation, recently formed to take over the Case and Apex radios, also the Remco line of cabinets. Mr. Friel also represents Utah, Raytheon, Clarostat and Dongan.

This Indexed Log and Call Book Absolutely FREE -- with a One Year Subscription to Broadcast Weekly

It is the most practical Log Book ever published. Printed on heavy stock. Every station in the United States and Canada is listed. It is corrected right up to date.



THE HERO

(Continued from Page 7)

coming on and on, head up, eyes alert. Orloff took a deep breath. Before he knew it he had opened the iron gate and was walking firmly up the yellow flagstone walk. . . .

* * *

Madame Strobhoff was taking her last pinch of snuff for the night when a sudden commotion over her head arrested her hand. Voices, men laughing, shouting. Her aged lips set in a grim line and, wrapping her bathrobe about her, she went stamping upward.

The racket came from the musician's room, where she had but so short a time ago left that fat Poniewski amid the dirty dishes—the room that smelled of kippered bloater. Thump, thump, thump. . . . Name of Heaven! Did they have no respect for aged bones? Midnight, too, when honest folks should be abed!

She rapped, but the rap was smothered in the noise. The door was unlocked and she turned the knob and thrust her wrinkled face inside.

Chairs were overturned. The tablecloth, with all the dishes, lay on the floor. The table was in the center of the narrow, low-ceilinged room. On it was a box. . . . Orloff, his face flushed and collar awry—and Poniewski, that fat one, were leaping about the table like frenzied satyrs, shouting and laughing. . . . A thousand devils!

Poniewski saw her first, broke away and jerked her into the room. He waltzed Madame around, straining her aged sockets.

"Madmen!" she gasped. "I will have the police! At my age to be treated . . . so . . . !"

"Laugh, ugly one," cried Poniewski. "Tonight we celebrate. A man has come into his manhood, and the world laughs!"

He released Madame and bowed to Orloff, panting, red-faced, embarrassed.

"Your words mean nothing," snapped Madame, clutching at her scanty bathrobe. "You wake the dead. And for what?"

"Ho!" roared Poniewski. "You do not know? No, of course not. Hags know nothing of great events. They have lived. There are no events for them. But for men—ho! I will tell you. Tonight—is a milestone. You see Orloff, yonder?"

"Not much to look at," grumped Madame, her curiosity aroused.

"Nevertheless, take a good look, sour one," said Poniewski. "Orloff, the coward, has

come into his manhood. For tonight—mark you the date—tonight, he has bravely marched up nine little stone steps like a soldier, one foot ahead of the other, and from the lovely Borochekk—ho-ho-ho!—his feared one . . . he has . . . Oh, I cannot stop laughing . . . he has . . . borrowed . . . a radio set!"

Madame's mouth sagged.

"A radio set?" She hooted the word with scorn.

"Yes, old parrot, a radio set! From the glorious Sayde Borochekk,—before whom he has trembled all these weeks. Brave Orloff! Noble Orloff! Orloff the hero! Oh, ho-ho-ho!" He bent double, rocking up and down.

"And for what?" Madame groped with increasing sourness.

"So . . . so that we may hear the baseball, stupid!" shouted the crimson Orloff. "Of what use else, to aristocrats with time on their hands? Answer me!"

Madame's mouth shut with a snap.

"Fools!" she said. "I thought there would be . . . wine!"

And she slammed the door and went shuffling down the stairs to her room where, at least, if a body could not sleep, there were no madmen!

REPAIRING

We maintain a laboratory especially equipped for repairing and re-building radio sets. No job is too small or too large for us.

All work carries our guarantee that it must be right. Estimates gladly given. Mail orders given prompt attention.

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\$152.50 to \$925

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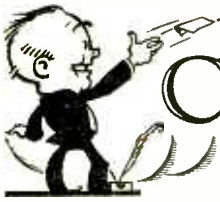
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THE CONTRIBUTION BOX



By TERRY DAWES

It is true, you never can tell where a thing will end. An eastern magazine advertises: "See the Craters in the Moon with a genuine astronomical and terrestrial telescope, \$3.95. Magnifies 30 times. Hours of fun looking at bathing beauties." Attached is a statement from "Gerding," whoever he is, who says "Moon seemed 10 yards away!" There seems to be a confusion of ideas here! Or are there bathing beauties on the moon?

While on the subject of ads.: *SH* sends in this: "Nights of Joy in Store for You—Learn to play the Xylorimba at Home in Your Spare Time. Ralph Smith of Chicago played 20 minutes at a wedding and received \$20." We'd like to have heard that wedding!

"This," said the salesman, "is a good talking point." And he placed his cat-whisker carefully on the crystal.

MABEL: "Why do dentists call their places 'parlors'?"

ABEL: "That's an old-fashioned name for drawing room."

DEAR SIR: *My mother has a device in her ear with which she has been hearing perfectly. Recently it has failed to work, although for ten years it has worked perfectly; in fact, has not been out of her ear. What do you suggest?*—G. H.

She might wash her ear and start over.

CONSOLATION

Never mind, radio, don't you cry—
You'll be a movie, bye and bye.

A Baltimore laboratory guarantees to cure anybody of a desire for gin, whisky, wine, home brew, moonshine, opium, morphine, heroin, paregoric and laudenum for \$2.

Anybody who can drink that combination doesn't need a cure.

SADIE: *Now that I can build gas engines at home, what am I going to do for my invalid sister who wishes to study rock-quarrying?*

These modern children!

JU at San Jose says that New York has erected a tombstone in its heart in memory of 2242 persons killed by reckless drivers. He thinks it might be a good idea for San Francisco.

Better a shaft of honor to a wreckless driver.

* * *

Uplift!

"Face lifting is being taught by mail. Why not over the radio? There are many of us who would like to know how and yet do not care to go to a beauty parlor or register for a mail course."—Mrs. H. J. L., Oakland.

Lady, be good. Stations can use only 50,000 watts now!

* * *

SHE'S COMIN'

*Oh, the speckled trout are callin',
And our car we're overhaulin',
And the missus is all ready set to go;
We shall leave our pet loudspeaker
For our last year's tinny squeaker
As we blow the dust from off our battered summer radio.*

* * *

"Have you bought a diamond on credit? There is a thrill about owning a stone on the no-down-payment plan that beats ordering caviar all hollow. And then, there is the worry about the end of the month! And if you are not satisfied—your money back, but not in this lifetime. Who will trade a ten-tube set for a diamond on which all but the last 300 payments have been made?"—Hettie K., Lompoc.

If it's a ring, you might do business with Lindy Hettie.

* * *

"The World Needs Plumbers," says the Universal Plumbing School at Kansas City, Mo.

Yes—plumbers who can remember to bring their tools, but not more of the other kind.

* * *

ALL MOONSHINE

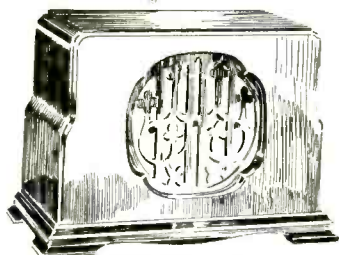
The U. S. weather bureau informs all concerned that all this lore about wet and dry moons is—hokum. Says Uncle Sam's storm audit bureau: "The moon is always the same in places having the same latitude." This announcement may be some of the farm relief stuff promised the farmer before election and ought to relieve the farmer greatly about his planting.

(Continued on Page 34)

There is a

MAGNAVOX DYNAMIC SPEAKER

for every purpose



The Beverly

THE BEVERLY Magnavox Dynamic Speaker

The *BEVERLY* is a beautiful table type—a two-tone, brushed walnut cabinet of graceful contour. While made primarily to provide more natural and enjoyable music or speech in the home, the volume ranges from a low whisper to volume far in excess of any normal home requirements—all without distortion.

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RADIO DIVISION

Waterhouse-Weinstock-Scovel Co.

Wholesalers Since 1851

540 Howard Street

SAN FRANCISCO

Garfield 4040

THE CONTRIBUTION BOX

(Continued from Page 32)

MARGOT says: "We see by the papers that a new General Electric mechanical 'eye' watches the illumination in a Schenectady school and turns the artificial lights on and off when needed. Is this the eye that puts out the arc light on our corner when the moon is supposed to shine, whether it does or not?"

No—that's the eye of municipal economy. It has astigmatism!

* * *

Radio Repair Man: "Lady, do you believe in the hereafter?"

Lady Client: "I certainly do."

R. R. M.: "Well, hereafter, don't bother me about this set."

* * *

No Evidence

The tenor was slightly spiffed, *i. e.*, he was due for a red nose at the rate he was going. The studio hostess greeted him profusely.

"Oh, I'm so delighted to meet you," she said. "I've heard so much about you."

The tenor regarded her suspiciously.

"Zhash so?" he inquired. "Well, you can't prove anythingsh!"

* * *

To Mollie M.—our thanks for this in a San Francisco art studio:

"And did you see the droshkys in Leningrad when you were there?"

"My dear—they were delightful. We took dinner with them."

* * *

California Uber Alles!

To give your Eastern friends a breath of California air, blow up a hot-water bag, screw in the stopper, and send by air mail. (Endorsed by all chambers of commerce.)

* * *

These broadcast studio exercises are certainly tough:

"Open those windows. Take a deep breath. Now throw out your chest!"

(Look out below!)

* * *

HISTORICALLY CORRECT

Can you tell me on which side Lincoln parted his hair?—Mrs. G. H.

The outside, we understand.

* * *

NOTICE: Don't let the old folk sread this column. They'll recognize a lot of these jokes.

* * *

TODAY

I wouldn't go out with him. I think he has a weak chin.

Did you say 'chin' or 'gin', dearie?

Every Tuesday Evening

7:30 to 8 o'clock

The Remar Program

Will Be Presented

On KFRC

Featuring

*A Splendid Musical
Program, and the*

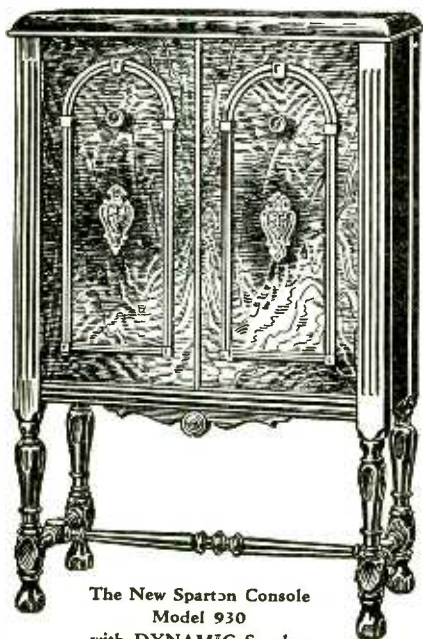
REMAR KIDS

(BUD and SIS)

Listen in and enjoy this unique and original feature offered by the Golden Sheaf-Remar Co., makers of Remar Bread and Cake

SIMPLICITY + POWER + CLARITY

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MICROPHONE GOSSIP



Many of the KGO radio artists seem to like to play, sing, or talk to a visible audience. They feel that if they get a response from visitors in the studio, they'll get over with their unseen hearers.

Dorothy Dukes Dimm, 'cellist for the Rembrandt Trio, says she can play ever so much better if she has a visible listener.

Fred C. McNabb, "The Gardener of "KHJ," who has given a weekly garden talk over the same station for the past five years, has just been elected President of the Dahlia Society of Southern California, an organization of more than 250 growers of this Pacific Coast district interested in experimental and research work in connection with the development and propagation of the queen of flowers. McNabb has served as a director of the organization for several years. He has spent a great deal of time in the interests of the society, and has created an unusual interest in dahlia growing. He has answered thousands of letters about dahlias, sent him in response to his radio talks—and spends his spare time experimenting with a large dahlia garden of his own.

Henry Starr of KGO was lured away from the General Electric station long enough to make the first singing and talking short subject for Metro-Goldwyn-Mayer. Officials of this movie company heard Starr perform over KGO and believed he had a model voice for testing their talking equipment.

KGO is the recipient of a request from a California highway foreman employing convicts for road work, stating "Please play more classical music. Members of the gray-walled fraternity from San Quentin are fed up on jazz. They would like to have you play a selection from 'Faust,' preferably not the Prison scene."

Plans have been completed for the broadcast of a program from one of the massive Paramount sound stages over the Paramount Pictures-Los Angeles Evening Express station KNX, Hollywood. The KNX main studios are located on the Paramount motion picture lot, and the connection of the sound stage microphones with the studio input panel will be a simple matter, according to technicians.

"Be a good fellow and tell us who you are," wrote an enthusiastic listener in Richmond, Va., who recently heard the voice of Jennings Pierce, Chief Announcer and Assistant Program Director of the NBC's Pacific Division, during a transcontinental broadcast from the Pacific Coast.

"I got the 'Jennings' part, but not the name you inherited from your father. It sounded like 'Fear.' If so, you need have none from any other announcer in the country. The wife, however, argues your name is 'Peer.' If that's it, you have none.

"This letter isn't from some giddy flapper who is charmed with your 'gorgeous' voice, but from a real he-man who appreciates clean-cut radio announcing, devoid of unnecessary pauses, stammering and 'colorful' chatter."

The increasing demand by motion picture producers for competent voice doubles keeps several KFI artists on the quivive filling appointments at the various studios.

While many screen stars possess voices recording successfully, scenes taken at any distance from the microphone force them to raise the voice to an unnatural pitch. This distortion of the tone quality causes the various squeaks and lips which have made the "talkie" slow to gain public favor.

Through the use of the voice double, this objectionable feature has been practically overcome. The "double" is placed close to the recording device and perfect synchronization of his voice with the movement of the star's lips completes the illusion that the voice is actually that of the star.

The advent of the sound picture has opened a new field to radio artists, and KFI officials are finding it difficult to cope with the requests for "doubles" received by the station.

Horace Heidt and his famous orchestra have left for Pasadena, where they will appear under contract with Fanchon and Marco productions. The unique orchestra, which has been heard regularly every Wednesday from KPO during the Shell Happy Time broadcast with Hugh Barrett Dobbs for many months, opened at a Pasadena theatre on April 4, and after touring the Pacific Coast will go east to fulfill engagements there. Much of their success is due to "Dobbsie," who brought them before the public.

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MYSTERIES OF RADIO

No. 1 of a Series of Articles by "SPARKS"

Where Do They Go In the Daytime?

In the evening, as we sit listening to a good program from KSL, Salt Lake City, or WLW, Cincinnati, how many of us have wondered why it is that with the coming of daylight we on the Pacific Coast cannot hear these stations, or cannot even hear many of our favorite Coast stations which at night are counted in with the locals? It is an intriguing subject, one of the mysteries of radio about which there is still much speculation. When we listen to the great volume and clearness of KSL along about 8 o'clock at night it seems inconceivable that so loud a signal could disappear with daylight—yet next morning when we try to tune the station in, there is nothing there, or at best a "swish" mixed in with the static and background.

If we were to stay up all night listening to these distant stations we would find that they go through some very interesting variations during the course of the night and that with the coming of daylight they not only fade out, but do so with almost unbelievable rapidity. Right in the middle of a program, with signals coming in clearly on the loud-speaker the fading will start, and within fifteen seconds the station will be completely gone from the dial and will not come back until nightfall! Where has it gone—and why?

Although we are not yet quite sure as to just how a radio signal gets from a transmitting station to a distant receiver we do definitely know some things that have a bearing on the situation. We know that radio waves are very much like light waves, travel at the same speed, can be reflected, intercepted, absorbed, etc., in fact about the only difference is in the wave length and frequency. The distance at which a signal light may be seen depends on the clearness of the space in between the light and the observer. A similar situation must exist with the radio wave. The powerful rays from the sun ionize the earth's atmosphere. This means that some of the atmospheric particles are broken up into highly charged electrified particles which are kept in this condition by the continued action of the sun's rays. These electrified particles are affected by a passing radio wave, and tend to vibrate at the same frequency as that of the wave. The energy required to vibrate these atmospheric particles must, of course, come from the radio

wave, leaving that much less that will arrive at the receiving station.

The earth's atmosphere, in this condition, may be likened to a fog which impedes the path of the light wave. A distant light, clearly visible at night on the seashore may be almost instantly blotted out by a fog bank rolling in. So with a distant radio wave, the coming of the "foggy" daytime receiving conditions will cut a loud signal down to practically nothing in a few seconds time. Both daylight and nighttime receiving conditions vary greatly from one day to the next. There are good days and bad ones, just as there are good nights and bad ones. These conditions seem to have no connection whatever with daily changes in the weather, but they do follow in a general way with the changes in the seasons. In the summertime, the distant carrier waves do not arrive with the same volume that they do in the winter, and even if static could be completely eliminated the winter distance records could not be equalled.

For the radio fan who likes his extreme DX there are two periods during the day that are of exceptional interest. These are just before sunrise and just after sunset. For reasons other than radio the first of these two periods is not widely used but doubtless many listeners have noted peculiar receiving conditions after sunset and neglected to connect their appearance to the time of day. The ionized condition of the atmosphere on the daylight side of the earth is a temporary condition and is only maintained while the sun is shining on that part of the atmosphere. When the sun sinks over the western horizon, the part of the atmosphere that is in the twilight shadow begins to lose its electrical charge, and right after dark a large percentage of its electrified particles have reunited leaving it very clear for radio purposes. Meantime, just to the west of it is a layer of ionized atmosphere which is in the sunlight zone. This electrified layer acts like a mirror and reflects the radio waves. It is at an angle with the earth's surface and the angle gradually increases as the evening grows. About one hour after sunset this angle is just right to reflect waves from Eastern radio stations down onto the antennae of Western receivers, and at this

(Continued on Page 40)

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HOW MANY TUBES HAS YOUR SET?

To assist the radio public in buying receiving sets and inform the public regarding the functions of different types of tubes, the Radio Manufacturers' Association has issued a statement as a guide to the buying public.

So many new tubes for different purposes have been developed, according to the statement issued by Mr. H. B. Richmond of Cambridge, Mass., director of the Engineering Division of the Radio Manufacturers' Association, that the public should be advised of the functions of different types of tubes in the modern receiving set.

"When radio receivers first left the crystal state," says Mr. Richmond, "the number of tubes employed was a fair measure of the performance of the set. With the advances in the art, the number of tubes used in any particular set became no longer even a rough guide as to the performance of the set. It is perfectly possible to have a five-tube set, so called, where but two tubes would be useful radio tubes as commonly thought of in terms of the earlier battery-model sets. A purchaser of such a set, nevertheless, desires to know whether he must buy two tubes or five, regardless of how such tubes may be used in the operation of the set.

"In order to tell the purchaser of a set how many tubes he must buy or maintain, and at the same time to inform him how many tubes are 'radio tubes' as formerly though of and how many are special tubes for additional services, such a battery elimination or automatic volume control, the Engineering Division of the Radio Manufacturers' Association has recommended that these two classes of tubes be divided into their respective groups and that their numbers be separated by a dash. Thus 6—3.

"In the first group would be placed those tubes used as radio-frequency amplifiers, detectors and audio-frequency amplifiers. Oscillator tubes required in such circuits as the superheterodyne would be included. In the second group would go the special service tubes, such as voltage control or ballast tubes, those for automatic volume control, rectification either for plate or filament use.

"In the 6—3 illustration already referred to, a typical set would be one having three radio-frequency amplifier tubes, a detector and two audio-frequency amplifier tubes which would comprise the six "radio" tubes. The three special service tubes could be a voltage control tube, a rectifying tube, and an automatic volume control tube."

WHERE DO THEY GO IN THE DAYTIME?

(Continued from Page 38)

time there is a marked increase in signal strength from Eastern stations. As this reflecting wall recedes to the west we lose its beneficial effect and there is a corresponding decrease in strength of signals received, so that two hours after sunset Eastern stations will be coming through much weaker. This is usually their lowest point, and from then on they gradually get louder as still further clearing of the atmosphere takes place during the night.

In the early morning hours conditions continue to improve, and along about 4 a. m. the twilight zone is approaching the transmitting station from the East. Just about an hour before sunrise (at the transmitting station) the angle of this reflecting wall is such that signals which normally would be transmitted eastward are reflected West, and join their energy with the other west-bound waves. This results in a considerable increase in signal strength at receiving stations in the West, and it is during this period that most of the extreme long distance records are made. This period of very favorable reception lasts about fifteen minutes and it is conservative to say that during that interval the range of the transmitting station in a westerly direction is doubled.

It is thus easy to see at what times we should listen for signals from long distance stations. If a Pacific Coast listener wants to try to hear London, he should listen in at about one hour before sunrise in London. Sunrise in London at this time of the year takes place at about 5 a. m., and the time difference is eight hours, so the time at which chances would be best for hearing them would be 8 p. m., Pacific time. Considering the maze of Coast stations that occupy the dial at this time, it is doubtful if the reception could be accomplished.

For receiving Australia, Japan and New Zealand, we would take advantage of the other reflecting layer and would listen in about an hour before sunrise here. As the angle of the reflecting layer became adjusted with the earth's rotation we would hear Western stations that had been weak since midnight suddenly begin to grow stronger and seemingly move 2000 miles closer, and then, as the daytime "radio fog" closes in around our antennae, disappear like phantoms, not to be heard from again until dark.

Next week: Long and Short Waves. Some interesting facts and experiences concerning them.

For Those Who Can Afford the BEST

The SPARKS-ENSEMBLE

*The Outstanding Phone-Radio Combination
of the Year*



\$925.00

complete with tubes in your home.

The "SPARKS ENSEMBLE" embodies the utmost that present day research can offer in the re-creation of Radio Broadcasting and Recorded Music.

Absolute fidelity in tone over the entire musical scale.

AUTOMATIC REPEATING PHONOGRAPH—Electric pick-up—Reproducing 12 records with but 9 seconds wait between selections.

The Radio is **THE SPARTON EQUASONNE**, "Radio's Richest Voice," 8-tube all-electric receiver, with the sureness of sensitivity and selectivity.

*The SPARKS ENSEMBLE, encased
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Wave Length-Kilocycle-Channel Conversion Table

The following table gives the values of kilocycles corresponding to values of wave length in meters and the corresponding channel number. This table covers the band of waves allocated to broadcast stations.

Meters	Kilocycles	Channel	Meters	Kilocycles	Channel	Meters	Kilocycles	Channel
199.9	1500	150	254.1	1180	118	348.6	860	86
201.2	1490	149	256.3	1170	117	352.7	850	85
202.6	1480	148	258.5	1160	116	356.9	840	84
204	1470	147	260.7	1150	115	361.2	830	83
205.4	1460	146	263	1140	114	365.6	820	82
206.8	1450	145	265.3	1130	113	370.2	810	81
208.2	1440	144	267.7	1120	112	374.8	800	80
209.7	1430	143	270.1	1110	111	379.5	790	79
211.1	1420	142	272.6	1100	110	384.4	780	78
212.6	1410	141	275.1	1090	109	389.4	770	77
214.2	1400	140	277.6	1080	108	394.5	760	76
215.7	1390	139	280.2	1070	107	399.8	750	75
217.3	1380	138	282.8	1060	106	405.2	740	74
218.8	1370	137	285.5	1050	105	410.7	730	73
220.4	1360	136	288.3	1040	104	416.4	720	72
222.1	1350	135	291.1	1030	103	422.3	710	71
223.7	1340	134	293.9	1020	102	428.3	700	70
225.4	1330	133	296.9	1010	101	434.5	690	69
227.1	1320	132	299.8	1000	100	440.9	680	68
228.9	1310	131	302.8	990	99	447.5	670	67
230.6	1300	130	303.9	980	98	454.3	660	66
232.4	1290	129	309.1	970	97	461.3	650	65
234.2	1280	128	312.3	960	96	468.5	640	64
236.1	1270	127	315.6	950	95	475.9	630	63
238	1260	126	319	940	94	483.6	620	62
239.9	1250	125	322.4	930	93	491.5	610	61
241.8	1240	124	325.9	920	92	499.7	600	60
243.8	1230	123	329.5	910	91	508.2	590	59
245.8	1220	122	333.1	900	90	516.9	580	58
247.8	1210	121	336.9	890	89	526	570	57
249.9	1200	120	340.7	880	88	535.4	560	56
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Radio Call Letters	Broadcast Stn. Location	Wave Meters	Power Watts	Radio Call Letters	Broadcast Stn. Location	Wave Meters	Power Watts	
AFRICA								
JB	Johannesburg, U. S. Africa	32.00	4,000	RDW	U. S. S. R. (RUSSIA) Moscow	83.00	12,000	
7LO	Nairobi, Kenya	70.00		RFM	U. S. S. R. FAR EAST (SIBERIA) Khabarovsk	70.20		
			RAI9	Tomsk	37.00			
AUSTRALIA								
2BL	Sydney	32.50		SAJ	Stockholm	47.00		
2FC	Sydney	32.00		SMHA	Stockholm	41.00		
2ME	Sydney	28.50		SWEDEN				
3AR	Melbourne	55.00		SWITZERLAND				
3LO	Melbourne	32.00		UNITED STATES				
6AG	Perth, West Australia	32.90		GERMANY				
CANADA								
CF	Drummondville, Quebec	32.00	2,000	KDKA (8xK)	East Pittsburgh, Pa.	62.50	40,000	
CKY	Winnipeg, Man.	25.00				8XS, 8XP—portable		42.75
DENMARK								
7MK	Copenhagen	32.90	250	KEJK (6XAN)	Los Angeles, Calif.	105.90	250	
7RL	Copenhagen	84.24			KEWE	Bolinas, Calif.		14.10
ENGLAND								
5SW	Chelmsford	24.30	15,000	KEPY (7XAB)	Spokane, Wash.	105.90	100	
2NM	Caterham	32.50			KFQU (6XBH)	Holy City, Calif.		31.00
GBS	Rugby	25.00						53.00
FRANCE								
F8AV	Nogent		1,500	KFQZ (6XAL)	Hollywood, Calif.	108.20	50	
Radio Vitus	Paris	37.00			KFVZ (6XBX)	Culver City, Calif.		105.00
	Lyons	40.00			KFWB (6XBR)	Los Angeles, Calif.		105.00
YN	Lyons	58.00	3,000			40.00	50	
	Nancy	15.50	500					
FW	Ste. Assise	24.50		KGB	San Diego, Calif.	65.18	50	
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AF1	Konigswusterhausen.	14.00	14.00	KGDE	Barrett, Minn.	40.00		
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	Nauen	11.00			KJR (7XC,7XO)	Seattle, Wash.		105.20
	Nauen	13.50			KMOX	St. Louis, Mo.		49.00
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AGK	Nauen	11.00			KNX (6XA)	Los Angeles, Calif.		107.10
LA	Langenberg	43.90			KOIL (9XU)	Council Bluffs, Ia.		61.06
POF	Nauen	11.00			KWE-KEWE	Bolinas, Calif.		14.10
	Nauen	14.90			KWJJ (7XAO)	Portland, Oregon		53.54
POZ	Nauen	18.10			WAAN (2XBA)	Newark, N. J.		65.18
	Konigswusterhausen.	52.00			WABC (2XE)	Richmond Hill, N.Y.		58.50
	Stuttgart	41.00			WAJ	(Yacht MU-1 (2XAO) Rocky Point, N. Y.)		22.48
HOLLAND								
PCJJ	Eindhoven	31.40	30,000	WBRL (1XY)	Tilton, N. H.	109.00	250	
PCKK	Kootwijk	16.00	32,000	WCGU (2XBH)	Brooklyn, N. Y.	54.00		
PCLL	Kootwijk	18.10			WCSH (1XAB)	Portland, Maine	65.79	
PCMM	The Hague	37.00			WCX	Pontiac, Michigan	32.00	
PCPP	Kootwijk	16.50			WEAJ	Rocky Point, N. Y.	22.48	
PCRR	Kootwijk	37.00			WEAO (8XJ)	Columbus, Ohio	54.02	
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POUU	The Hague	46.50			Schenectady, N. Y.	21.96		
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IAY	Rome	45.00		WHK (8XF)	Cleveland, Ohio	66.04	500	
IMI	Milan	45.00			WJR-WCX (8XAO)	Pontiac, Mich.		32.00
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JIPP	Tokio	20.00						49.96
JKZB	Tokio	20.00			WNAL (9XAB)	Omaha, Nebr.		105.00
IAA	Iwatsuki	40.00			WNBT	Elgin, Ill. (Time Signals)		35.00
JAVA								
ANE	Malbar	33.00		WND	Ocean Township, N.J.	46.48		
ANF	Bandoeng	15.93				(Transatlantic Phone)		
ANH	Malabar	56.00			WOR (2XAQ)	Kearny, N. J.		65.40
	Bandoeng	17.00			WOWO	Fort Wayne, Ind.		22.80
	Batavia	46.50			WRNY (2XAL)	New York, N. Y.		30.91

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THE EDITOR'S PAGE

(Continued from Page 3)

The statistical department of Lawrence Stern and Company of New York has compiled figures showing that 41 per cent of the wealth of the country is controlled by women. Women actually comprise the majority of stockholders in the biggest corporations. They comprise from 35 to 40 per cent of the investment bond holders. At the rate that women's control is increasing there exists the possibility of a financial matriarchy by the year 2000. How great this possibility is seen when it is known that 50 per cent of the American Telephone and Telegraph Company, United States Steel Corporation, Westinghouse Air Brake, and National Biscuit Company stock is in women's hands.

* * *

Chicago, in its drive on crime, has installed radio sets in the police squad cars, tuned to WGN, the Chicago Tribune station. Police headquarters communicates with these cars through WGN. The car receivers are kept "on the air" all the time. This is the modern counter to the criminal's development of fast machines for a getaway or use in marauding operations, and is said to be highly successful in spreading police information.

* * *

The network programs from the Curtis Institute at Philadelphia which reach local listeners through KYA are outstanding weekly events. The Curtis Institute is famous for its development of young talent and the perfection of its work is being nationally shown in these programs which are of the highest musical excellence. One cannot but feel an inner gratitude that the youth of the country is holding true the ideals of art as evidenced by these public expressions of developed talent which are setting the pace in chain programs as well as musical presentations.

* * *

And still President Hoover, looked to as the universal solvent for the radio situation, remains silent as to his ultimate suggestions. The Federal Radio Commission remains in a state of stunned coma, following the adverse decision of the United States court in the WGY case, uncertain as to its powers, and unwilling to take any punitive or regulative steps which might lead to complications. Broadcasters are also awaiting the Presidential dictum, for it is felt that Hoover brings a sense of fair play to the situation which will, in some way, insure adequate regulation.



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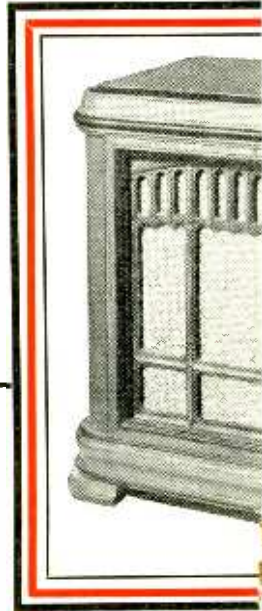
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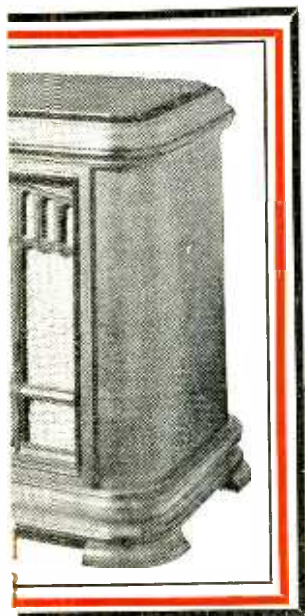
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SUNDAY Programs

April 14, 1929



Aurelio Sciacqua
KOMO—5:15 p.m.



Ione Pastori Rix
KPO—9 p.m.



Alice G. Padel
KFWM—9:45 a.m.



Prof. E. C. Linsley
KTAB—10 a.m.

379.5 Meters
790 Kcys.

KGO

Channel 79
10,000 Watts

General Electric Co., Oakland, California

11 a.m.—First Presbyterian Church service, Oakland; Rev. Frank M. Silsley, D. D., pastor
2 to 3:30 p.m.—Sunday afternoon concert, NBC
3:30 to 4 p.m.—Whittall Anglo-Persians, NBC
4 to 4:30 p.m.—Great Moments in History, NBC
4:30 to 5 p.m.—The Olympians
5 to 5:42 p.m.—What's Happening in the World, John D. Barry
5:42 to 6:12 p.m.—Hudson Bay Fur program
6:12 p.m.—Weather forecast
6:15 to 7:15 p.m.—Atwater Kent program, NBC
7:15 to 7:45 p.m.—Studebaker Challengers, NBC
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 9 p.m.—First Presbyterian Church service, Oakland; Rev. Frank M. Silsley, D. D., pastor
9 to 9:20 p.m.—Joseph Henry Jackson, "A Chat About New Books"

333.1 Meters
900 Kcys.

KHJ

Channel 90
1000 Watts

Don Lee, Inc., Los Angeles, California

8 to 9 a.m.—Late recordings
9 to 11 a.m.—Program from KFRC
11 to 12:15 p.m.—First M. E. Church services
12:15 to 1:15 p.m.—Late recordings
1:15 to 2 p.m.—Program from KFRC
2 to 3 p.m.—"The Old Adobe"
3 to 5 p.m.—Late recordings
5 to 6 p.m.—Tea Time Three from KFRC
6 to 6:30 p.m.—Rabbi Edgar Magnin
6:30 to 7 p.m.—Recordings, news
7 to 8 p.m.—First M. E. Church services
8 to 11 p.m.—Program from KFRC
11 to 1 a.m.—Organ and instrumental trio

220.4 Meters
1360 Kcys.

KGB

Channel 136
250 Watts

Pickwick Broadcasting Co., San Diego, Calif.

8 a.m.—Recordings
10 a.m.—Three Biscuiters
6 p.m.—Church of Jesus Christ, L. D. S.
7 p.m.—Concert trio
8 p.m.—Agua Caliente Mexican Serenaders
9 p.m.—Sidewalk Hoodlums
10 p.m.—Pickwick String Trio
11 p.m.—Harvey Ball and his Shamrocks

440.9 Meters
680 Kcys.

KPO

Channel 68
5000 Watts

Hale Bros. & The Chronicle, San Francisco

9:45 to 10:45 a.m.—Interdenominational and non-sectarian church services, Dr. William P. Schriver of Presbyterian Church
2 to 3:30 p.m.—Sunday afternoon concert, NBC
3:30 to 4 p.m.—Whittall Anglo-Persians, NBC
4 to 4:30 p.m.—Great Moments of History, NBC
4:30 to 5 p.m.—Nathan Abas, violin recital
5 to 6:15 p.m.—Afternoon musicale by Uda Waldrop, with Austin Mosher, baritone
6:15 to 7:15 p.m.—Atwater Kent program, NBC
7:15 to 7:45 p.m.—Studebaker program, NBC
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 8:30 p.m.—KPO Mixed Quartet
8:30 to 9 p.m.—Rudy Seiger and his Fairmont Hotel Concert Orchestra
9 to 10 p.m.—Abas String Quartet, with Ione Pastori Rix, soprano

361.2 Meters
830 Kcys.

KOA

Channel 83
12,500 Watts

General Electric Co., Denver, Colorado

9:50 a.m.—Service of Divine Science Church
12:30 to p.m.—Fred Davis Home Sweet Home Hour
1 to 2 p.m.—Dr. S. Parkes Cadman, NBC
2:30 to 3 p.m.—Twilight Singers, NBC
3 to 3:30 p.m.—Stetson Parade, NBC
3:30 to 4 p.m.—Whittall Anglo-Persians, NBC
4 to 4:30 p.m.—Piggly Wiggly program
4:30 to 5 p.m.—At the Baldwin, NBC
5 to 5:15 p.m.—Enna Jettick, NBC
5:15 to 6:15 p.m.—Collier's Hour, NBC
6:15 to 7:15 p.m.—Atwater Kent Hour, NBC
7:15 to 7:45 p.m.—Studebaker Motors program, NBC

526 Meters
570 Kcys

KXA

Channel 57
500 Watts

American Radio Tel. Co., Seattle, Wash.

9 to 9:55 a.m.—Uncle Bill and the Funnies
10:55 to 12:30 a.m.—First M. E. Church; Dr. J. Ralph Magee, pastor
6:30 to 7:15 p.m.—Concert program
7:15 to 7:30 p.m.—Twilight organ concert
7:30 to 8:45 p.m.—First M. E. Church services
8:45 to 10:30 p.m.—Concert program

SUNDAY Programs

NBC

National Broadcasting Company

2 to 3:30 p.m.—Sunday afternoon concert

Bert Harwell, known to thousands of radio listeners as "the bird man," will be heard this afternoon. Staff artists who will contribute to the program are the National Concert Orchestra under the direction of Charles Hart and a quartet composed of Barbara Blanchard and Ethel Wakefield, sopranos, and Margaret O'Dea and Eva Gruninger Atkinson, contraltos.

Details follow:

Orchestra—March, "Pathetique Symphony".....Tchaikowsky

Orchestra—Melodie in E Minor.....Rachmaninoff

Orchestra—Veil Dance, "Queen of Sheba".....Goldmark

Female quartet—Gospel hymns and songs

Orchestra—Cordoba.....Albeniz

Orchestra—En Cachette.....Gillet

Orchestra—Serenade.....Becker-Grondahl

Bert Harwell—California's Birds

Orchestra—Funeral March on Death of a Hero.....Beethoven

Orchestra—Babylonian Nights.....Zamecnik

Orchestra—Menuet.....Suk

Female quartet—Gospel hymns and songs

Orchestra—Pavane.....Ravel

Orchestra—Myrtles of Damascus (suite).....Woodford-Finden

Orchestra—Dance of the Amazons.....Liadow

Bert Harwell—To be selected

Orchestra—Petite Suite de Concert.....Coleridge-Taylor

Orchestra—Guitarre.....Moszkowski

Orchestra—Triumphal March.....Grieg

Broadcast through KHQ, KOMO, KGW (3 to 3:30 p.m.), KGO, KPO and KFI.

3:30 to 4 p.m.—Whittall Anglo-Persians

Their magic carpet flight will bring the Whittall Anglo-Persians and Louis Katzman, their director, to several picturesque localities on the globe. Above one of these spots they will play Paderewski's courtly "Minuet," while at another point they will present excerpts from Planquette's "Chimes of Normandy."

The hymn concluding the program is Parker's "O 'Twas a Joyful Sound."

Details follow:

Orchestra—Call of the Desert.....Luigini

Orchestra—Jungle Drums.....Ketilbey

Orchestra—Valse Lente, "Ballet Russe".....Paderewski

Orchestra—Minuet.....Hammer

Orchestra—Intermezzo Francaise.....Planquette

Orchestra—Marche de la Cloche, "Coppelia".....Delibes

Orchestra—O 'Twas a Joyful Sound.....Parker

Orchestra—Parting Melody

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

4 to 4:30 p.m.—Great Moments in History

The career of Henry Hudson, the noted English explorer, will be brought to radio listeners in the "Great Moments in History" broadcast this afternoon.

National Players will produce the Henry Hudson episode, which details graphically the famous expedition of the Half Moon. It will be remembered that Hudson left Amsterdam for the mythical Northeast Passage by which

he expected to shorten the route to the East. The explorer sailed north as far as Moose-land, where he encountered heavy ice. A mutiny followed and, to placate his crew, Hudson called a meeting, placed the matter to a vote and the decision was to push onward. Fear of punishment at Amsterdam prompted the mutineers to continue, history reveals.

At all events, the Half Moon was blown far from its course and eventually landed somewhere near Virginia. At length, the vessel arrived in the vicinity of Sandy Hook and sailed on to New York Harbor and up the river which bears Hudson's name. His disappointment was keen when Hudson discovered that he had not reached the Northeast Passage. Amsterdam, however, cheered him and claimed "New Netherlands." A later voyage and another mutiny finally caused Hudson's death somewhere in the vicinity of the great Hudson Bay territory.

Details of these two spectacular voyages will be revealed in the "Great Moments in History" broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

6:15 to 7:15 p.m.—Atwater Kent program (trans-continental)

The weekly Atwater Kent program will be broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

7:15 to 7:45 p.m.—Studebaker Champions (trans-continental)

"Lady of the Morning," Cadman's "At Dawning" and "Indian Love Call" by Friml are the selections to be featured by the orchestra and vocal chorus while the Studebaker Piano Twins will play "Weary River" as one of their numbers. Jean Goldkette will direct.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

7:45 to 8 p.m.—"Enna Jettick Melodies"

Five types of songs will be presented in the brief period of fifteen minutes when the "Enna Jettick Melodies" program is broadcast.

Details are given below:

Ensemble—Home, Sweet Home

Quartet and ensemble—Waiting for the

Robert E. Lee.....Gilbert

Quartet and ensemble—Who Is Sylvia?.....Schubert

Contraalto and ensemble—Oh, Dem Golden Slippers

Quartet and ensemble—Pale Moon.....Logan

Quartet and ensemble—Brightly Gleams Our Banner

Ensemble—Home, Sweet Home

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

291.1 Meters **CNRV** Channel 103
1030 Kcys. 500 Watts

Canadian National Rys., Vancouver, B. C.

9 to 10 p.m.—Little Symphony Orchestra, Calvin Winter, guest conductor

319 Meters **KOIN** Channel 94
940 Kcys. 1000 Watts

KOIN, Inc., Portland, Oregon

12:30 to 1 p.m.—Organ recital, George Johnson

1:30 to 3 p.m.—Four-Square Gospel Lighthouse service and orchestra concert

6 to 7 p.m.—Heathman Hotel pipe organ

7 to 7:55 p.m.—Benson Hotel orchestra

8 to 9 p.m.—First Church of Christ, Scientist

9 to 9:30 p.m.—Dream House program

9:30 to 10:30 p.m.—Orchestral concert

SUNDAY Programs

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**

Copyright, 1929, E. C. Anthony, Inc., L. A.
 1 p.m.—Margaret Ruth Kernan
 2 p.m.—Musical program, NBC
 3:30 p.m.—Whittall Anglo-Persians, NBC
 4 p.m.—Great Moments in History, NBC
 4:30 p.m.—Leila Castberg, "Advanced Thought"
 5 p.m.—L. A. Church Federation
 5:45 p.m.—Narcotic Research Association
 5:58 p.m.—Father Ricard's weather forecast
 6 p.m.—Genevieve Behrend, "Science of Life"
 6:15 p.m.—Atwater Kent hour, NBC
 7:15 p.m.—Studebaker program, NBC
 7:45 p.m.—Enna Jettick Melodies, NBC
 8 p.m.—Packard Concert Orch., Pryor Moore, director
 9 p.m.—Manley P. Hall, talk on Philosophy
 9:30 p.m.—Studio program
 10 to 11 p.m.—Wally Perrin's dance orchestra; Jean Dunn, soloist

508.2 Meters **KHQ** **Channel 59**
590 Kcys. **1000 Watts**
 Louis Wasmer, Inc., Spokane, Washington

10 to 11 a.m.—Children's Bible class
 1 to 2 p.m.—Triodion String Ensemble
 2 to 3:30 p.m.—Sunday concert, NBC
 3:30 to 4 p.m.—Whittall Anglo-Persians, NBC
 4 to 4:30 p.m.—Great Moments in History, NBC
 4:30 to 4:45 p.m.—Musical program
 4:45 to 5:15 p.m.—International Bible Students
 5:15 to 6:15 p.m.—KHQ's classical recordings
 6:15 to 7:15 p.m.—Atwater Kent, NBC
 7:15 to 7:45 p.m.—Studebaker Champions, NBC
 7:45 to 8 p.m.—Enna Jettick Melodies, NBC
 8 to 9 p.m.—All Saints' Cathedral
 9 to 10 p.m.—City Service Little Symphony

483.6 Meters **KGW** **Channel 62**
620 Kcys. **1000 Watts**

The Morning Oregonian, Portland, Oregon
 11 to 12:30 p.m.—Sunnyside Congregational Church
 2 to 3 p.m.—Studio concert
 3 to 3:30 p.m.—Sunday afternoon concert, NBC
 3:30 to 4 p.m.—Whittall Anglo-Persians, NBC
 4 to 4:30 p.m.—Great Moments in History, NBC
 4:30 to 5 p.m.—Studio program
 5 to 5:15 p.m.—Talk on Modern Science
 5:15 to 6:15 p.m.—Vesper Hour
 6:15 to 7:15 p.m.—Atwater Kent program, NBC
 7:15 to 7:45 p.m.—Studebaker program, NBC
 7:45 to 8 p.m.—Enna Jettick Melodies, NBC
 8 to 8:30 p.m.—Hupmobile program
 8:30 to 9:30 p.m.—Twilight Hour
 9:30 to 10 p.m.—Studio program
 10 to 11 p.m.—Little Symphony Orchestra
 11 to 11:15 p.m.—Oregonian news summary

296.6 Meters **KQW** **Channel 101**
1010 Kcys. **500 Watts**

First Baptist Church, San Jose, California
 10:15 to 11 a.m.—Sunday-school lessons by Fred J. Hart
 11 to 12:30 p.m.—Morning services, First Baptist Church, conducted by Rev. Paul H. Ralston
 7:30 to 9 p.m.—Evening services, First Baptist Church

491.5 Meters **KFRC** **Channel 61**
610 Kcys. **1000 Watts**

Don Lee, Inc., San Francisco, Calif.
 9 to 12 noon—"Home Sweet Home" concert presented by Pacific States Concert Orchestra and soloists
 12 to 1:15 p.m.—Sherman, Clay noonday concert
 1:15 to 3:15 p.m.—Studio program
 3:15 to 4 p.m.—Art Fadden, pianist
 4 to 5 p.m.—Musical record program
 5 to 6 p.m.—Theodore Strong, organist; Lucille Atherton Harger, contralto, and Marjorie Colletti, pianist, with cello and harp.
 6 to 6:30 p.m.—Inspirational talk by Dr. Louis I. Newman
 6:30 to 7 p.m.—Sierra Trio with Lelane Rivera, soprano.
 7 to 7:55 p.m.—Harold Dana, baritone; Mary Pasmoro, violinist; Frank Moss, pianist
 7:55 to 8 p.m.—Weather bureau frost warning
 8 to 8:30 p.m.—Robert Olson and Florentine Trio
 8:30 to 9:30 p.m.—Charles Bulotti, tenor; Juanita Tennyson, soprano, and KFRC concert orchestra, directed by Frank Moss
 9:30 to 10 p.m.—Tom Gerunovich's Roof Garden Orchestra
 10 to 10:10 p.m.—Amos 'n' Andy
 10:10 to 11:10 p.m.—Tom Gerunovich and his orchestra
 11:10 to 12:10 a.m.—New Mandarin Cabaret Band

340.7 Meters **KLX** **Channel 88**
880 Kcys. **500 Watts**

Tribune Publishing Co., Oakland, Calif.
 2:15 to 4:30 p.m.—Baseball broadcast
 4:30 to 5 p.m.—Recordings
 5 to 6 p.m.—Organ recital
 6 to 7 p.m.—Recordings
 7 to 8 p.m.—Marvelous Marin program

285.5 Meters **KNX** **Channel 105**
1050 Kcys. **5000 Watts**

L. A. Evening Express, Los Angeles, Calif.
 9 to 10 a.m.—Musical program, C. Mittendorf
 10 to 11 a.m.—Courtesy program
 11 a.m. to 12:30 p.m.—First Presbyterian Church
 12:30 to 1 p.m.—"Automobile Buyers' Guide"
 1 to 2 p.m.—International Bible Students' Assoc.
 2 to 4 p.m.—City Park Board musical program
 4 to 5 p.m.—First Radio Church of the Air
 5:30 to 6 p.m.—All Souls' Church
 6 to 6:30 p.m.—Talk by Ernest Holmes
 6:30 to 7 p.m.—Dr. Theodore Curtis Abel of the Hollywood Humanist Society
 7 to 8 p.m.—Famous personalities of the screen, Paramount Orchestra, etc.
 8 to 9 p.m.—First Presbyterian Church
 9 to 10:30 p.m.—Calmon Lubovskiy, violinist; Claire Mellonino, pianist; Walter V. Ferner, cellist

315.6 Meters **KFWB** **Channel 95**
950 Kcys. **1000 Watts**
 Warner Brothers, Hollywood, California

10 to 1:30 p.m.—Courtesy program
 2:15 p.m.—Coast League baseball game
 6:30 p.m.—Harry Jackson's entertainers
 7 p.m.—Hollywood Athletic Club program
 7:30 p.m.—Burr McIntosh, Cheerful Philosopher
 9 p.m.—News items; Bill's Ragtime Review
 10 p.m.—Amos 'n' Andy
 10:10 to 11 p.m.—Bill's Ragtime Review

SUNDAY Programs

322.4 Meters **KFWI** Channel 93
930 Kcys. **500 Watts**
 Radio Entertainments, San Francisco, Calif.
 7:50 to 9 p.m.—Fourth Church of Christ, Scientist
 9 to 9:15 p.m.—Organ program

239.9 Meters **KFOX** Channel 125
1250 Kcys. **1000 Watts**
 Nichols & Warinner, Long Beach, Calif.

9 to 10 a.m.—Concert orchestra, records
 10 to 11 a.m.—Organ recital, Dick Dixon
 11 to 12:30 p.m.—St. Luke's Episcopal Church
 12:30 to 2:30 p.m.—Musical program
 2:30 to 3:05 p.m.—Long Beach Municipal Band
 3:05 to 3:20 p.m.—Musical program
 3:20 to 4 p.m.—Long Beach Municipal Band
 4 to 5 p.m.—Pacific Coast Club organ
 5 to 6 p.m.—Charlie Joslyn's orchestra
 6 to 6:30 p.m.—Tavern Orchestra
 6:30 to 7 p.m.—Imperial Trio
 7 to 8 p.m.—Hancock Orchestra; Eva Balfour, blues
 8 to 9 p.m.—Services from First Church of Christ, Scientist
 9 to 11 p.m.—All Star Nite
 11 to 1:30 a.m.—Egyptian Tom Cats Frolic

265.3 Meters **KSL** Channel 113
1130 Kcys. **5000 Watts**
 Radio Service Corp., Salt Lake City, Utah

11:15 a.m.—Political resume
 11:25 a.m.—Weekly mineral review
 12 noon—International Bible Students' Ass'n
 12:30 p.m.—Donald Cope, Frank Cole, violinists, assisted by Francis Osborne, piano
 1 p.m.—Tabernacle services
 2:25 p.m.—Veterans of Foreign Wars
 2:30 p.m.—Mutual Hour
 3:30 p.m.—Whittall Anglo-Persians, NBC
 4 p.m.—Studio program
 4:30 p.m.—Special organ concert by Edward P. Kimball, Tabernacle organist
 5 p.m.—Standard Trio and soprano
 6 p.m.—Sale Lake City Realtors
 6:15 p.m.—Atwater Kent Hour, NBC
 7 p.m.—First Presbyterian Church services
 7:30 p.m.—Mons. D. G. Hunt of the Cathedral of the Madeleine
 8 p.m.—L. D. S. services
 9 p.m.—Criterion Male Quartet and the Melody Trio

239 Meters **KXL** Channel 125
1250 Kcys. **500 Watts**
 KXL Broadcasters, Inc., Portland, Ore.

9 to 10 a.m.—Morning musicale
 10 to 11 a.m.—Early Bird music
 11 to 12:30 p.m.—First Methodist Church services
 12:30 to 2:30 p.m.—Afternoon presentations
 2:30 to 3 p.m.—Half hour of better music
 3 to 5 p.m.—Popular musical selections
 5 to 6 p.m.—Orchestra and reporter
 6 to 8 p.m.—Dinner concert
 8 to 10:45 p.m.—Studio programs
 10:45 to 11:15 p.m.—Skating marathon
 11:15 to 6:30 a.m.—All Nighters Club

322.4 Meters **KFWM** Channel 93
930 Kcys. **500 Watts**

Oakland Educational Society, Oakland, Cal.
 9:45 to 11 a.m.—Watch Tower program: Organ prelude, Alice Gray Padel; children's radio story, B. F. Holoday; discourse, "Where Is Abraham—" O. B. Eddins; musical program under the direction of Prof. Orrin Leon Padel; Franklin Roberts, baritone; anthems and hymns by choral singers
 12 to 1 p.m.—Organ recital presented by DeLos Whaley of San Jose; Bible questions and answers, C. R. Little
 1:25 to 2:30 p.m.—Program by the I. B. S. A. of San Jose; anthems by Kingdom Truth Chorus; vocal and instrumental selections; Jeanette Smith, accompanist; Bible discourse, "Who Are God's Worst Enemies?" W. O. Furtwangler
 6 to 7:45 p.m.—Bible drama, "Joseph and His Brethren," full cast of characters; Italian lecture, J. B. Lupi
 9:15 to 10:30 p.m.—"The Scriptures vs. Evolution"; Bible lecture, "The Origin of Government"; vocal solos and duets; KFWM mixed quartette

218.8 Meters **KGER** Channel 137
1370 Kcys. **100 Watts**
 C. M. Dobyns, Long Beach, Calif.

9:30 a.m.—Taubman men's Bible class
 11 a.m.—First United Presbyterian Church
 1 p.m.—Studio program
 2:30 p.m.—Long Beach Municipal Band
 4 p.m.—Vocal program
 5 p.m.—Frank Waller Allen
 6 p.m.—Dance music
 7 p.m.—Hawaiian string trio
 8 p.m.—Studio program
 9:30 a.m.—Sunday night frolic

348.6 Meters **KFQZ** Channel 86
860 Kcys. **1000 Watts**
 Taft Broadcasting Co., Hollywood, Calif.

8 a.m.—Breakfast program
 9 a.m.—Semi-classical Hour
 10 a.m.—Morgan and Fields
 11 a.m.—Metrose Radio Shop
 12 noon—Pyo Rem program
 1 p.m.—L. B. Hair Tonic
 2 p.m.—Hackleman and Long
 3 p.m.—Jerom
 4 p.m.—Financial Assurance Corp.
 5 p.m.—Starr Piano Co.
 9 p.m.—Stoner's Shoes program
 10 p.m.—Ann Warren, Rurr King
 11 p.m.—Al Cajal's request hour

236.1 Meters **KOL** Channel 127
1270 Kcys. **1000 Watts**
 Seattle Broadcasting Co., Seattle, Wash.

10 to 12 midnight—Guy Olson's Scandinavian band

230.6 Meters **KTBI** Channel 130
1300 Kcys. **1000 Watts**
 Bible Institute of Los Angeles, California

6 to 7 p.m.—Studio vesper service
 8 to 9:15 p.m.—Church of the Open Door
 9:15 to 10 p.m.—Old Hymns Hour

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MONDAY Programs April 15, 1929



Xavier Cugat
KFWB—9:30 p.m.



Helen Webster
NBC—11:30 a.m.



May Josephi Kincaid
KFWI—8:30 p.m.



Ada Day
KFRC—1 p.m.

379.5 Meters
790 Kcys.

KGO

Channel 79
10,000 Watts

General Electric Co., Oakland, California

9:30 to 10:30 a.m.—California Home Life
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 11:45 a.m.—Canned Peaches, NBC
11:45 to 1 p.m.—Rembrandt Trio
5 to 5:30 p.m.—Aunt Betty (Ruth Thompson) stories, KGO Kiddies' Klub
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce; news
6 to 6:30 p.m.—Edison program, New York
6:30 to 7:30 p.m.—General Motors Family Party, NBC
7:30 to 8 p.m.—The Empire Builders, NBC
8 to 9 p.m.—Rudy Seiger's Shell Symphonists, NBC
9 to 9:30 p.m.—The Voice of Firestone, NBC
9:30 to 10:30 p.m.—General Electric program
10:30 to 10:45 p.m.—Alaska news flashes, United Press

315.6 Meters
950 Kcys.

KFWB

Channel 95
1000 Watts

Warner Brothers, Hollywood, California

10 a.m.—Harmony Hour
11 a.m.—KFWB Shoppers' Directory
12:30 p.m.—Worldwide news
1:30 p.m.—Housekeepers' chat
2 p.m.—Ann Grey and Louise Lynch, popular songs; Don Warner, pianist
4:30 p.m.—Radio Travel Tales
5 p.m.—Radio Review
5:45 p.m.—Town Tattler
6:20 p.m.—Musical program
6:30 p.m.—Vitaphone Jubilee Hour, CBS
7 p.m.—Harry Jackson's entertainers
7:30 p.m.—Buster Dees, popular songs
7:45 p.m.—Daily news
8 p.m.—Program featuring Happy Harry Geise
8:30 p.m.—Program by the 507 Band
9 p.m.—Courtesy program
9:30 p.m.—Spanish program featuring Xavier Cugat, violinist; Carmen Castillo, soprano, and Evelyn Kemp, pianist
10 p.m.—Amos 'n' Andy
10:10 p.m.—Henry Halstead's orchestra
11:10 to 12:10 a.m.—Roy Fox' orchestra

491.5 Meters
610 Kcys.

KFRC

Channel 61
1000 Watts

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—Simpy Fitts from Seal Rocks
8 to 9 a.m.—Musical record program
9 to 9:30 a.m.—Georgia O. George
10 to 11 a.m.—Wyn's daily chats
11 to 11:30 a.m.—Mary Lewis Haines, talk
11:30 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman, Clay noonday concert
1 to 1:30 p.m.—Ada Day beauty talk
3 to 3:15 p.m.—Aviation talk
3:15 to 3:30 p.m.—Talk by U. C. Medical Dept.
3:30 to 3:35 p.m.—Something about everything
3:35 to 4 p.m.—News bulletins, lost and found
4 to 4:55 p.m.—Matinee Melody Masters
4:55 to 5 p.m.—Town topics
5 to 5:30 p.m.—KHJ String Quintet
5:30 to 6 p.m.—Mac and his gang
6 to 6:30 p.m.—Organ recital from KHJ
6:30 to 7 p.m.—Studio program
7 to 7:30 p.m.—Kansas Kleanser program
7:30 to 7:55 p.m.—Don Lee Symphony Orchestra
7:55 to 8 p.m.—Frost warning bulletins
8 to 10 p.m.—'Blue Monday Jamboree'
10 to 10:10 p.m.—Amos 'n' Andy
10:10 to 11:10 p.m.—Anson Weeks' Hotel Mark Hopkins Orchestra
11:10 to 12 midnight—Val Valente's Jungletown Orchestra

230.6 Meters
1300 Kcys.

KTBI

Channel 130
1000 Watts

Bible Institute of Los Angeles, California

8 to 8:15 a.m.—Uncle Harry's Bible story
8:15 to 8:45 a.m.—Devotional service
8:45 to 9:15 a.m.—Announcer's Hour
9:15 to 9:45 a.m.—Radio Bible course
9:45 to 10:35 a.m.—Home Folks' Request Hour
10:35 to 11:30 a.m.—Doctrinal lecture
11:30 to 12 noon—Music
1 to 1:15 p.m.—Agnes Bridge, contralto
1:15 to 2 p.m.—Faculty music hour
2 to 2:30 p.m.—Rev. H. F. Sheerer
7 to 7:30 p.m.—Musical program
7:30 to 8:15 p.m.—Calvary Presbyterian Church Choir
8:15 to 9 p.m.—Evening school lecture
9 to 10 p.m.—Studio musical hour

MONDAY Programs

NBC

National Broadcasting Company

- 10:30 to 11:30 a.m.—"Woman's Magazine of the Air"
 "Five Minute" cake fillings and "Crumbled Sweet" will be described by Ann Holden this morning.
 Recipes for "Crumbled Sweet" and "Malted Shreds" will be read on the Shredded Wheat feature and Miss Holden will tell housewives how to make "instantaneous" desserts and fillings during the Rubettes feature.
 Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.
- 11:30 to 11:45 a.m.—Canned Peaches
 Helen Webster will answer the question "Do we use peach halves or slices?" during the program this morning.
 The "Singing Peaches" will entertain with a number of popular melodies during the broadcast.
 Broadcast through KGO and KPO.
- 6 to 6:30 p.m.—Edison program (transcontinental)
 "Favorite music of famous people" will be broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.
- 6:30 to 7:30 p.m.—General Motors Family Party (transcontinental)
 Norse music, sung by Sigurd Nilssen, basso, and played by an orchestra under Adrian Schubert's direction, will be offered to a nation-wide audience tonight.
 Following are the details:
 Orchestra—a. Triumphant March, "Sigurd the Crusader".....Grieg
 b. In the Hall of the Mountain King, "Peer Gynt".....Grieg
 Bass solo—Viking Song.....Coleridge-Taylor
 Orchestra—a. Fingal's Cave Overture.....Mendelssohn
 b. Wedding March and Dance, "Scandinavian Scenes" Hartmann
 c. Finlandia.....Sibelius
 Bass solos—a. The Black Swan.....Hallstrom
 b. Thanksgiving.....Sjoberg
 c. Hunting Song.....Grieg
 Orchestra—a. Overture, "The Flying Dutchman".....Wagner
 b. In Arcady.....Nevin
 c. Norwegian Rhapsody No. 3.....Svendsen
 Bass solo—Song of the Viking Guest, "Sadko".....Rimsky-Korsakoff
 Orchestra—Ride of the Valkyries, "The Valkyrie".....Wagner
 Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.
- 7:30 to 8 p.m.—"The Empire Builders" (transcontinental)
 Captain George Vancouver and the British Columbia city named after him will be the theme of "The Empire Builders" program.
 Vancouver, whose name stands among those of the early explorers who paved the way to a great northwestern civilization, entered the British navy at the age of thirteen. He accompanied the famous Cook on his second and third voyages. Later he was sent by England to explore the coast of Northwestern America in competition with Spain.
 Although he missed both the Columbia and Fraser rivers, Vancouver's ship was the first

to ply the waters of Puget Sound in an attempt to find a Northeastern Passage to the Great Lakes from the Pacific Coast.

- Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.
- 8 to 9 p.m.—Rudy Seiger's Shell Symphonists
 Neapolitan airs, in a potpourri arranged by Rudy Seiger, and excerpts from the best known works of the Russian composer, Moszkowski, will be highlights of the program.
 Details follow:
 Orchestra—Selections, "Rob Roy".....DeKoven
 Orchestra—Aubade.....D'Ambrosio
 Orchestra—Charme D'Espagne.....Mezzacapo
 Orchestra—Chinese Wedding Procession.....Hosmer
 Orchestra—Selection, "Der Freischutz".....Weber
 Violin solo—Melody.....Dawes
 Orchestra—Country Gardens.....Grainger
 Orchestra—Excerpts from "High Jinks".....Friml
 Orchestra—Potpourri of Neapolitan Airs.....Arr. by Seiger
 Orchestra—Excerpts from best known works of Moszkowski
 Orchestra—Shell Patrol.....Seiger
 Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.
- 9 to 9:30 p.m.—"Voice of Firestone"
 Participating in the program will be the 32-piece Firestone Orchestra directed by Max Dolin, the Firestone Choristers under Mynard Jones; Easton Kent, the "Voice of Firestone," and a contralto soloist.
 Broadcast through KHQ, KOMO, KGW, KGO, KPO and KSL.
- 9:30 to 10 p.m.—Plantation Echoes
 Judge Chandler will have his semi-weekly party at the Chandler home "somewhere south of the Mason-Dixie line" and Jerry and his Dixie Melodists will be there to entertain. Tambo, Rufus and the other guests will furnish comedy dialogue, dancing and songs.
 Broadcast through KSL, KOA and KPO.
- 10 to 11 p.m.—Slumber Hour
 "The Old Refrain" will introduce another of Max Dolin's Slumber Hour concerts.
 Details follow:
 Orchestra—Old Refrain.....Ketilbey
 Orchestra—Algerian Song.....Grieg
 Orchestra—Shepherd's Boy.....Grieg
 Orchestra—La Danse, "Scenes Napolitaines".....Massenet
 Orchestra—Allegretto grazioso, Symphony No. 2.....Brahms
 Tenor and orchestra—Bird Songs at Eventide.....Coates
 Orchestra—Ye Who Have Yearned Alone.....Tchaikowsky
 Orchestra—Bolero.....Moszkowski
 Violin solo—On Wings of Song.....Mendelssohn
 Orchestra—Sandman's Song, "Hansel and Gretel".....Humperdink
 Tenor and orchestra—The Rosary.....Nevin
 Orchestra—Goodnight.....Nevin
 Broadcast through KSL and KOA.

319 Meters **KOIN** Channel 94
 940 Kcys. 1000 Watts

KOIN, Inc., Portland, Oregon

- 5 to 5:15 p.m.—Novelty program
 5:15 to 6 p.m.—Topsy Turvy Times
 6 to 7 p.m.—Heathman Hotel pipe organ
 7 to 7:30 p.m.—Benson Hotel orchestra
 7:30 to 8 p.m.—Cottage Collegians
 8 to 8:30 p.m.—Studio program
 8:30 to 9 p.m.—Crane Advertising Co.
 9 to 9:30 p.m.—Dream House program
 9:30 to 10 p.m.—Vocal program
 10 to 11:30 p.m.—McElroy's Oregonians

MONDAY Programs

440.9 Meters Channel 68
680 Kcys. KPO 5000 Watts

Hale Bros. & The Chronicle, San Francisco
 6:45 to 8 a.m.—Health exercises by Hugh Barrett Dobbs, assisted by William H. Hancock
 8 to 9 a.m.—Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock, with Bem's Little Orchestra and Golden State Quartet
 9:30 to 10 a.m.—Dobbsie's Daily Chat; Andrew G. Robinson, basso
 10 to 10:15 a.m.—Art talk, Helen G. Barker
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 11:45 a.m.—Canned Peaches, NBC
 11:45 to 12 noon—Ye Towne Cryer service
 12 to 12:10 p.m.—Scripture reading; announcements
 12:10 to 12:50 p.m.—Aeolian Trio
 12:50 p.m.—Stock market quotations
 1 to 1:30 p.m.—Shopping hour, featuring Jerry Jermaine
 1:30 to 2 p.m.—Anne Warner's Home Chats
 2 to 2:15 p.m.—Dept. of Commerce talk
 2:15 to 2:30 p.m.—California Dev. Ass'n talk
 2:30 to 2:45 p.m.—Secrets for Women
 2:45 to 3 p.m.—Down Town Association talk
 4:50 to 5 p.m.—Stock market quotations
 5 to 5:45 p.m.—Children's Hour by Paul Pitman
 5:45 to 5:55 p.m.—Harold Small's Book Review
 5:55 to 6 p.m.—Chamber of Commerce talk
 6 to 6:30 p.m.—Edison program, NBC
 6:30 to 7:30 p.m.—General Motors program, NBC
 7:30 to 8 p.m.—Great Northern Railway program, NBC
 8 to 9 p.m.—Shell Symphonists' program, NBC
 9 to 9:30 p.m.—Voice of Firestone program, NBC
 9:30 to 10 p.m.—Plantation Echoes, NBC
 10 to 12 midnight—KPO Revue

285.5 Meters Channel 105
1050 Kcys. KNX 5000 Watts
L. A. Evening Express, Los Angeles, Calif.

6:45 to 8 a.m.—Health exercises.
 8 a.m.—Inspirational talk and prayer
 9 to 9:30 a.m.—Musical program
 9:30 to 10 a.m.—Radio shopping news
 10 a.m.—Town Crier of the Day
 10:30 a.m.—Kate Vaughn, household economics
 11 to 11:30 a.m.—Georgia O. George program
 11:30 a.m.—Maytag So-A-Tone broadcast
 12 noon to 12:30 p.m.—Musical program
 12:30 to 12:45 p.m.—W. F. Alder travelogue
 1:30 to 2 p.m.—The Bookworm
 2 to 2:30 p.m.—Courtesy program
 4 p.m.—Lost and found announcements
 4:25 p.m.—Dr. W. M. Barrett, perfect eyesight
 5 to 5:45 p.m.—"Own Your Own Home"
 5:45 to 6 p.m.—Town Crier's amusement tips
 6 to 6:30 p.m.—Organ program
 6:30 to 7 p.m.—Concert orchestra; Monroe Jockers, director
 7 to 7:30 p.m.—Alfonso Correlli's orchestra
 7:30 to 8 p.m.—One-act play under the direction of Georgia Fiffeld
 8 to 9 p.m.—Courtesy program
 9 to 9:30 p.m.—Program of "Early California"
 9:30 to 10 p.m.—Feature program
 10 to 12 midnight—Gus Arnheim's Coconut Grove Orchestra
 12 to 1 a.m.—Dorado Club Silver Fizz dance hour

243.8 Meters Channel 123
1230 Kcys. KYA 1000 Watts

Pacific Broadcasting Corp., San Francisco
 7 to 8 a.m.—Vim, Vigor and Vitality, ABC
 8 to 8:05 a.m.—Newscasting, ABC
 8:05 to 9 a.m.—Anthony Euwer and Golden Hour Orchestra, ABC
 9 to 9:30 a.m.—Mary Cooke, better homes, ABC
 9:30 to 9:45 a.m.—Eaton and Robillard, ABC
 9:45 to 10 a.m.—Devotional service, ABC
 10 to 11 a.m.—KYA Trio
 11 to 12 noon—Sunshine Hour
 12 to 12:15 p.m.—News items
 12:15 to 12:30 p.m.—Funniest Things Novelties
 12:30 to 1:30 p.m.—Pacific Salon Orchestra
 1:30 to 1:45 p.m.—Dr. Buren L. Corley
 1:45 to 2:45 p.m.—Bridge Party Hour
 2:45 to 3 p.m.—Harmonists, ABC
 3 to 4 p.m.—American Salon Orchestra, ABC
 4 to 4:30 p.m.—Melodians, ABC
 4:30 to 4:45 p.m.—Anthony Euwer, ABC, Seattle
 4:45 to 5 p.m.—Melodians, ABC
 5 to 6 p.m.—KYA Trio
 6 to 6:15 p.m.—News items
 6:15 to 6:30 p.m.—Golden Gate Cryer
 6:30 to 7 p.m.—Vitaphone Jubilee, CBS
 7 to 7:30 p.m.—Americana, ABC
 7:30 to 8 p.m.—Lyre and Mask, ABC
 8 to 9 p.m.—Musical Gems, ABC
 9 to 9:30 p.m.—Metro and Cosmo, with Pacific Artists' Trio, ABC
 9:30 to 10 p.m.—Pacific String Quartet, ABC
 10 to 11 p.m.—Hour on Broadway, ABC
 11 to 12 midnight—Golden Gate Gypsies, ABC

239.9 Meters Channel 123
1250 Kcys. KFOX 1000 Watts

Nichols & Warinner, Long Beach, Calif.
 8 to 8:15 a.m.—Tadpole, the Buttercream Boy
 8:15 to 8:45 a.m.—Bright and Early Hour
 8:45 to 9:20 a.m.—Novelty program
 9:20 to 9:30 a.m.—Organ recital
 9:30 to 9:50 a.m.—Hawaiian program
 9:50 to 10 a.m.—Novelty songs
 10 to 10:30 a.m.—Musical program
 10:30 to 10:50 a.m.—Organ recital
 10:50 to 11 a.m.—"Clarence"
 11 to 11:10 a.m.—Mae Day, beauty talk
 11:10 to 12 noon—Musical program; early news
 12 to 12:30 p.m.—Gene and Bill
 12:30 to 1 p.m.—Louise Church, pianist; Maud Irvine, soprano
 1 to 2 p.m.—Quartet; Elsie Montgomery, 'cellist
 2 to 3 p.m.—Musical program; talks
 3 to 4 p.m.—Studio program
 4 to 4:30 p.m.—News report; music
 4:30 to 5 p.m.—Sharkey's Cafe Orchestra
 5 to 5:30 p.m.—Futuristic Trio
 5:30 to 6 p.m.—Eleanor Sammons, soprano, and Louise Church, pianist
 6 to 6:05 p.m.—Lost and Found Dept.
 6:05 to 6:30 p.m.—Tavern Orchestra
 6:30 to 7 p.m.—Bob Thompson's "Drop a Line" program
 7 to 8 p.m.—Suydam's Buttercream School
 8 to 9 p.m.—Double Eagle Quartet
 9 to 10 p.m.—Warner Duo and other entertainers
 10 to 11 p.m.—Classical program
 11 to 12 midnight—Cheese and Crackers Club

291.1 Meters Channel 103
1030 Kcys. CNRV 500 Watts

Canadian National Rys., Vancouver, B. C.
 10 to 11 a.m.—Morning hour of music
 10 to 11 p.m.—Genesis, Chronicle, Willie and Euphonious, four Continental Limited porters in a musical review

MONDAY Programs

468.5 Meters

640 Kcys.

KFI

Channel 64

5000 Watts

Copyright, 1929, E. C. Anthony, Inc., L. A.

8 a.m.—Shell Happy Time from KPO

10:30 a.m.—Woman's Magazine of the Air, NBC

11:30 a.m.—Ivar

12 noon—Dept. of Agriculture talks

12:15 p.m.—Federal and state market reports

12:25 p.m.—Shirley Reid, piano and song

1 p.m.—Raymond Schouten, pianist; Violet Steinaman

2 p.m.—Leon Archer, Wilfred Butterworth, Ann McKinley

3 p.m.—Bobbie Wilson, piano recital

3:30 p.m.—Studio program

4 p.m.—Hugo Escobar, Spanish lesson; Fred Skinner, jazz pianist; Ruby Berry, blues

5 p.m.—Big Brother

5:30 p.m.—Senator George W. Cartwright

6 p.m.—Edison program, NBC

6:30 p.m.—General Motors Family Party, NBC

7:30 p.m.—Great Northern Railway, NBC

8 p.m.—Seiger's Shell Symphonists, NBC

9 p.m.—Los Angeles Philharmonic Orchestra

10:30 to 11 p.m.—Violin recital by Purcell Mayer

483.6 Meters

620 Kcys.

KGW

Channel 62

1000 Watts

The Morning Oregonian, Portland, Oregon

7:15 to 7:30 a.m.—Y. M. C. A. health exercises

7:45 to 8 a.m.—Devotional services

8 to 9 a.m.—Shell Happy Time

9 to 9:30 a.m.—Betty Baker's Cooking School

9:30 to 10:30 a.m.—The Town Crier

10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC

11:30 to 12 noon—Continuation of Town Crier

2 to 2:20 p.m.—Stock market quotations

6 to 6:30 p.m.—Edison program, NBC

6:30 to 7:30 p.m.—General Motors Corp. Family Party, NBC

7:30 to 8 p.m.—Great Northern Railway program, NBC

8 to 9 p.m.—Seiger's Shell Symphonists, NBC

9 to 9:30 p.m.—Firestone program, NBC

9:30 to 10 p.m.—H. Liebes "Puppet Show"

10 to 11 p.m.—Ben Selling's Boys and Collegiates

11 to 11:15 p.m.—Oregonian news summary

236.1 Meters

1270 Kcys.

KOL

Channel 127

1000 Watts

Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset Musical Clock

8:45 to 9:45 a.m.—Program of general interest

9:45 to 10 a.m.—Housekeepers' Chat

10 to 11 a.m.—Popular recordings

2:30 to 4:30 p.m.—Baseball broadcast

4:30 to 4:45 p.m.—Matinee Melodies, Shaner and Wolff

4:45 to 5 p.m.—News items; weather forecast

5 to 6 p.m.—Service Hour

6 to 7 p.m.—The Ranch Dance Band

7 to 7:30 p.m.—Ken Stuart's half hour

7:30 to 7:45 p.m.—Book chat on Seattle authors

7:45 to 8 p.m.—"Industograms," C. M. Lewis

8 to 8:20 p.m.—Madge Baldwin, This and That

8:20 to 9 p.m.—Musical Miniatures

9 to 9:15 p.m.—Amos 'n' Andy

9:15 to 10 p.m.—Studio program

10 to 12 midnight—Cole, McElroy's dance band

340.7 Meters

880 Kcys.

KLX

Channel 88

500 Watts

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises

8 to 9 a.m.—Jean Kent

9 to 9:30 a.m.—Modern Homes period

9:30 to 9:40 a.m.—Belco talk

9:40 to 10:15 a.m.—Recordings

10:15 to 10:30 a.m.—Opening stocks, weather

10:30 to 11 a.m.—Recordings

11 to 12 noon—Classified adv. hour

12 to 1 p.m.—Machado's KLX Hawaiians

1 to 2 p.m.—Jean's Hi-Lights

2 to 2:30 p.m.—Recordings

2:30 to 3:30 p.m.—Opportunity Hour

3:30 to 4:30 p.m.—Recordings

4:30 to 5 p.m.—Organ recital

5 to 5:30 p.m.—Brother Bob

5:30 to 6 p.m.—Cressy Ferra, pianist

6 p.m.—Curtain Calls

6 to 7 p.m.—Hotel Oakland Concert Trio

7 to 7:30 p.m.—News broadcast

7:30 to 8 p.m.—Edna Fisher, pianist

8 to 8:30 p.m.—The Alabam Orchestra

8:30 to 9 p.m.—Jackson Swales, pianist, and

Helen and Hazel

9 to 10 p.m.—Helen Wegman Parmelee, pianist;

Raymond Marlow, tenor; Edith Newcomb,

contralto; Elisa Madson, violinist; Dorothy

Donohue, acc.

10 to 10:30 p.m.—Syncopation Sallies

265.3 Meters

1130 Kcys.

KSL

Channel 113

5000 Watts

Radio Service Corp., Salt Lake City, Utah

5:30 p.m.—"Radioette," by electrical transcrip-

tion

6 p.m.—Edison program, NBC

6:30 p.m.—General Motors program, NBC

7:30 p.m.—Great Northern Railroad program,

"Empire Builders," NBC

8 p.m.—"The Jewel Box"

8:30 p.m.—Hazel and Melba Osborne, "The

Blues Girls," and Jess Nielson's Varsity Six

9 p.m.—Firestone program, NBC

9:30 p.m.—Plantation Echoes, NBC

10 p.m.—Slumber Music, NBC

333.1 Meters

900 Kcys.

KHJ

Channel 90

1000 Watts

Don Lee, Inc., Los Angeles, California

7:30 to 8 a.m.—Physical culture period

8 to 9 a.m.—"The Alarm Clock"

9 to 9:55 a.m.—Late recordings

9:55 to 10:15 a.m.—U. of S. C. Chapel period

10:15 to 11:15 a.m.—Agnes White, At Our House

11:30 to 12 noon—Two Starving Song Writers

12 to 12:30 p.m.—Biltmore Hotel Concert Orch.

12:30 to 12:45 p.m.—World-wide news

12:45 to 1:30 p.m.—KHJ Dance Band

1:30 to 2 p.m.—Charlie Wellman's requests

2 to 2:30 p.m.—"Dip-It" and "Thinc" program

2:30 to 3 p.m.—KHJ soloists

3 to 4 p.m.—Elvira Allman's Surprise Package

4 to 4:15 p.m.—Western Air Express

4:15 to 4:30 p.m.—Sheriff's office talk

4:30 to 5 p.m.—Matthew Murray, Home Prob-

lems

5 to 6 p.m.—Sunset Ensemble

6 to 6:45 p.m.—Organ recital, W. Tourtellotte

6:45 to 7 p.m.—World-wide news

7 to 7:30 p.m.—Inglewood Park program

7:30 to 8 p.m.—Pelton Motor Co. program

8 to 10 p.m.—KFRC Jamboree program

10 to 11 p.m.—Anson Weeks' dance orchestra

11 to 12 midnight—Earl Furtnett's dance orch.

12 to 1 a.m.—Organ and instrumental trio

TUESDAY Programs

April 16, 1929



Grace Le Page
KGO—9 p.m.



The Texas Cowboys
KFOX—8 p.m.



Richard Purvis
KFWM—9 p.m.

243.8 Meters
1230 Kcys.

KYA

Channel 123
1000 Watts

Pacific Broadcasting Corp., San Francisco

- 7 to 8 a.m.—Vim, Vigor and Vitality, ABC
- 8 to 8:05 a.m.—Newscasting, ABC
- 8:05 to 8:15 a.m.—Anthony Euwer, ABC
- 8:15 to 9 a.m.—Golden Hour Orchestra, ABC
- 9 to 9:30 a.m.—Mary Cooke, better homes, ABC
- 9:30 to 9:45 a.m.—Eaton and Robillard, ABC
- 9:45 to 10 a.m.—Devotional service, ABC
- 10 to 10:30 a.m.—Oregon Mills program
- 10:30 to 10:40 a.m.—Dr. Buren L. Corley
- 10:40 to 11 a.m.—John Patrick and Helen Troy
- 11 to 12 noon—California Sunshine Hour
- 12 to 12:15 p.m.—News items
- 12:15 to 12:30 p.m.—Tuesday Noon Club
- 12:30 to 1:30 p.m.—Pacific Salon Orchestra
- 1:30 to 1:45 p.m.—Babette, fashion authority
- 1:45 to 2:45 p.m.—Bride Party Hour
- 2:45 to 5 p.m.—Baseball from Recreation Park
- 5 to 5:30 p.m.—Novelty studio program
- 5:30 to 5:45 p.m.—Golden Gate Cryer
- 5:45 to 6 p.m.—News items
- 6 to 7 p.m.—Old Gold program, CBS
- 7 to 8 p.m.—Voice of Columbia, CBS
- 8 to 8:30 p.m.—Pacific Salon Orchestra
- 8:30 to 9 p.m.—Vic Meyers, ABC
- 9 to 9:30 p.m.—Enchanters' Quartet, ABC
- 9:30 to 10 p.m.—Paul Bunyan Stories, ABC
- 10 to 11 p.m.—Philharmonic Orchestra, ABC
- 11 to 12 midnight—Vic Meyers' orchestra, ABC

545.1 Meters
550 Kcys.

KTAB

Channel 55
500 Watts

Pickwick Broadcasting Co., Oakland, Calif.

- 7 to 8 a.m.—Morning Reveille
- 8 to 9 a.m.—Ray Raymond's Tabloid
- 9 to 9:30 a.m.—Morning prayer
- 9:30 to 10 a.m.—Dr. J. Douglas Thompson
- 10 to 10:30 a.m.—Cal King's Country Store
- 10:30 to 11 a.m.—Chats with Ruth
- 11 to 12 noon—Variety recordings
- 12 to 1 p.m.—George Otto's Hawaiians
- 1 to 1:30 p.m.—Organ recital
- 1:30 to 3 p.m.—Features and recordings
- 3 to 4 p.m.—Musical Vagabonds; Al Ryan, soloist
- 4 to 5 p.m.—Amusette Quintette; Octo Lindquist, soloist
- 5 to 6 p.m.—Brother Bob's hour
- 6 to 6:30 p.m.—Studio program
- 6:30 to 7 p.m.—Twilight hour
- 7 to 8 p.m.—States Hof Brau Orchestra
- 8 to 8:15 p.m.—Careers for women
- 8:15 to 9 p.m.—Musical Vagabonds; Carl Tobin and Dorothy Nichols, soloists
- 9 to 10 p.m.—Pickwick Versatilians; Heinie Klotz
- 10 to 11 p.m.—Concert orchestra; Joan Ray, contralto
- 11 to 1 a.m.—Night Owls

319 Meters
940 Kcys.

KOIN

Channel 94
1000 Watts

KOIN, Inc., Portland, Oregon

- 12 to 1 p.m.—Luncheon concert
- 1 to 1:30 p.m.—Billy's Hawaiians
- 1:30 to 2 p.m.—Farm program
- 2:30 to 4 p.m.—News items and music
- 4 to 5 p.m.—Orchestra
- 5 to 5:15 p.m.—Novelty program
- 5:15 to 6 p.m.—Topsy Turvy Times Club
- 6 to 7 p.m.—Pipe organ concert
- 7 to 7:30 p.m.—Benson Hotel orchestra
- 7:30 to 8 p.m.—Beattie & Hofmann, printers' quartet
- 8 to 9 p.m.—Studio program
- 9 to 9:30 p.m.—Dream House program
- 9:30 to finish—Fights broadcast

239 Meters
1250 Kcys.

KXL

Channel 125
500 Watts

KXL Broadcasters, Inc., Portland, Ore.

- 6:30 to 8 a.m.—Breakfast concert
- 9 to 10 a.m.—Early Birds
- 10 to 12 noon—Home economics and music
- 12 to 2:30 p.m.—Afternoon presentations
- 2:30 to 3 p.m.—Half hour of better music
- 3 to 5 p.m.—Popular selections
- 5 to 6 p.m.—Rural request program
- 6 to 6:30 p.m.—Nosey Ned, the Reporter
- 6:30 to 7:30 p.m.—Children's hour
- 7:30 to 8 p.m.—Vesper music
- 8 to 8:30 p.m.—"Head Salesman" program
- 8:30 to 9:30 p.m.—Church of the Nazarene
- 9:30 to 10:30 p.m.—Studio programs
- 10:30 to 11:30 p.m.—Skating marathon
- 11 to 12 midnight—Frollic from the Hippodrome Theater
- 12 to 6:30 a.m.—All Nighters Club

TUESDAY Programs

ABC

American Broadcasting Company

379.5 Meters
790 Kcys. **Channel 79**
10,000 Watts
General Electric Co., Oakland, California

9:30 to 10:30 a.m.—California Home Life
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 11:45 a.m.—Studio program, NBC
11:45 to 12 a.m.—Fleischmann program, NBC
12 to 1 p.m.—Damonette Novelty Trio
3 to 4 p.m.—The Wayside Inn, NBC
4 to 4:30 p.m.—Voters' Service, NBC
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce; news
6 to 7 p.m.—Eveready Hour, NBC
7 to 7:30 p.m.—Clickquot Club Eskimos, NBC
7:30 to 8 p.m.—Freed-Eisemann Orchestradians, NBC
8 to 9 p.m.—Radio-Keith-Orpheum, NBC
9 to 10 p.m.—The Pilgrims at Night. August Hinrichs, director; Grace Le Page, soprano
Orchestra—
 In Balmy Nights.....Tobani
 Midsummer Night's Serenade.....Albeniz
Songs with orchestra—
 In the Silence of the Night.....Rachmaninoff
 At Evening.....Debussy
Orchestra—Overture—Night in Granada.....Kreutzer
Two violins and piano—Slumber Song.....Nevin
Song with orchestra—Chere Nuit.....Bachelet
Orchestra—
 Serenata de la Noche.....Burks
 Night Piece.....Schumann
Songs—
 Dreamin' Time.....Strickland
 Moonbeams.....Victor Herbert
Orchestra—
 Reverie du Soir.....Saint-Saens
 Les Nuits Tziganes.....Gauwin
10 to 10:15 p.m.—DX flashes
10:15 to 11 p.m.—The Rovers

285.5 Meters
1050 Kcys. **Channel 105**
5000 Watts
L. A. Evening Express, Los Angeles, Calif.

6:45 to 8 a.m.—Health exercises.
8 a.m.—Inspirational talk and prayer
9 to 9:30 a.m.—Musical program
9:30 to 10 a.m.—Radio shopping news
10 a.m.—Town Crier of the Day
10:30 a.m.—Kate Vaughn, household economics
11 to 11:30 a.m.—French lessons by Edgard Leon
12 noon to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
4 p.m.—Lost and found announcements
4 to 4:15 p.m.—Garden talk, Dewey Kruckeberg
4:25 p.m.—Stock market reports
5 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—Concert orchestra; Monroe Jockers, director
7 to 7:30 p.m.—Dr. Mars Baumgardt, "Popular Science"
7:30 to 8 p.m.—Feature program
8 to 9 p.m.—Courtesy program
9 to 9:30 p.m.—Maytag So-A-Tone broadcast
9:30 to 10 p.m.—Feature program
10 to 12 midnight—Gus Arnheim's Coconut Grove Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance hour

7 to 8 a.m.—Vim, Vigor and Vitality, KJR, KGA, KEX, KYA, KMTR
8 to 9 a.m.—Anthony Euwer and Golden Hour Orchestra, KJR, KGA, KEX, KLZ, KDYL, KYA
9 to 9:30 a.m.—Mary Cooke, Better Homes program, KJR, KGA, KEX, KLZ, KDYL, KYA
9:30 to 9:45 a.m.—Glenn Eaton and Marjorie Robillard, KJR, KGA, KEX, KLZ, KDYL, KYA
9:45 to 10 a.m.—Devotional service, KJR, KGA, KEX, KLZ, KDYL, KYA
10:30 to 10:45 a.m.—Georgia O. George, hair culture, KJR, KGA, KEX, KLZ, KDYL
11 to 12 noon—American Revellers, KJR, KGA, KEX, KLZ, KDYL
12 to 12:15 p.m.—Late news events, KJR, KGA, KDYL, KLZ
12:15 to 12:30 p.m.—Glenn Eaton and Marjorie Robillard, Murray and Harris, KJR, KGA, KEX, KLZ, KDYL
12:30 to 1:30 p.m.—American Artistic Ensemble; soloists, Perdin Korsmo and Gertrude Kirk-smith, KJR, KGA, KEX, KLZ, KDYL
1:30 to 2 p.m.—Song recital, Sydney Dixon and G. Donald Gray, KJR, KGA, KEX, KLZ, KDYL
2 to 3 p.m.—American Salon Orchestra, Francesco Longo director; soloists, KJR, KGA, KEX, KLZ, KDYL
3 to 4 p.m.—Vic Meyers' Popular Recording Orchestra, KJR, KGA, KEX, KLZ, KDYL
4 to 5 p.m.—American Salon Orchestra, Francesco Longo director; soloists, KJR, KGA, KEX, KLZ, KDYL
5 to 5:30 p.m.—Novelty program, KJR, KGA, KEX
5:30 to 6 p.m.—American Artistic Ensemble; soloist, Sydney Dixon, KJR, KGA, KEX
6 to 7 p.m.—Paul Whiteman's orchestra, CBS from New York, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL
7 to 8 p.m.—Voice of Columbia, CBS from New York, KJR, KGA, KYA, KMTR, KLZ, KDYL
8 to 9 p.m.—Vic Meyers' orchestra, KJR, KGA, KEX, at 8:30, KYA, KMTR, KDYL, KLZ
9 to 9:30 p.m.—Enchanters' Male Quartet, KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ
9:30 to 10 p.m.—Histories of Paul Bunyan, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ
10 to 11 p.m.—American Philharmonic Orchestra, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ
11 to 12 midnight—Vic Meyers' orchestra, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ

322.4 Meters
930 Kcys. **Channel 93**
500 Watts
Oakland Educational Society, Oakland, Cal.

8 to 9 a.m.—Music, market and health hour
11 to 12 noon—Scharlin and Wright, Joy Makers
1:30 to 2:30 p.m.—Edna's entertainment hour
2:30 to 3 p.m.—A Kingdom message, "A Pure Theocracy," C. R. Welch
3 to 4 p.m.—Musical program
4 to 5 p.m.—The Bagdadians
5 to 5:50 p.m.—Big Brother Walter
5:50 to 6 p.m.—Kingdom of World news
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—Bible lecture, C. W. Gerdes
9 to 10 p.m.—Musical program presented under the direction of R. A. Joy; Richard Purvis, organist; Orvan Klise, tenor; M. M. Joy, soprano; Priscilla Reynolds, violinist; Thornton Wilson, talk on wills
10 to 11 p.m.—The Wanderers

TUESDAY Programs

440.9 Meters **KPO** **Channel 68**
680 Kcys. **5000 Watts**

Hale Bros. & The Chronicle, San Francisco

6:45 to 8 a.m.—Health exercises by Hugh Barrett Dobbs, assisted by William H. Hancock
8 to 9 a.m.—Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock, assisted by Edna Fisher, pianist, and Kenneth Rowley, baritone

9:30 to 10 a.m.—Dobbsie's Daily Chat; Edna May Hamilton, contralto

10 to 10:10 a.m.—Annabelle Lee

10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC

11:30 to 11:45 a.m.—Ye Towne Cryer

11:45 to 12 noon—Fleischmann program, NBC

12 to 12:10 p.m.—Scripture reading; announcements

12:10 to 12:30 p.m.—Don George, organist

12:30 to 12:55 p.m.—Aeolian Trio

12:55 p.m.—Stock market quotations

1 to 1:30 p.m.—Jerry Jermaine for Hale's

1:30 to 2 p.m.—Anne Warner's Home Chats

2 to 2:30 p.m.—House of Dreams; Chick and Carver duo

2:30 to 2:45 p.m.—Secrets for Women Only

2:45 p.m.—Play by play baseball broadcast

4:50 p.m.—Stock market quotations

5 to 6 p.m.—Children's Hour, Big Brother

6 to 7 p.m.—Eveready program, NBC

7 to 7:30 p.m.—Clicquot Club Eskimos, NBC

7:30 to 8 p.m.—Freed-Elseman program, NBC

8 to 9 p.m.—Radio-Keith-Orpheum, NBC

9 to 9:30 p.m.—Program with Merton Bories

9:30 to 10 p.m.—Tommy Munroe and Bob Allen

10 to 12 midnight—The Trocaderans, NBC

239.9 Meters **KFOX** **Channel 125**
1250 Kcys. **1000 Watts**

Nichols & Warinner, Long Beach, Calif.

8 to 8:15 a.m.—Tadpole, the Buttercream Boy

8:15 to 8:45 a.m.—Bright and Early Hour

8:45 to 9:20 a.m.—Novelty program

9:30 to 10:30 a.m.—Musical program

10:30 to 10:50 a.m.—Organ recital

10:50 to 11 a.m.—"Clarence"

11 to 11:10 a.m.—Mae Day, beauty talk

11:10 to 12 noon—Musical numbers; early news

12 to 12:30 p.m.—Gene and Bill

12:30 to 1 p.m.—Foster Rucker, baritone; Louise Church, pianist

1 to 1:30 p.m.—Kiwanis Club luncheon

1:30 to 2 p.m.—Heini Dorner, tenor; Eva Bal-four, blues; Doris Dolan, pianist

2 to 2:30 p.m.—Health talk, music

2:30 to 4 p.m.—Long Beach Municipal Band

4 to 4:30 p.m.—Musical program, news

4:30 to 5 p.m.—Old-time dance music

5 to 5:30 p.m.—Futuristic Trio

5:30 to 6 p.m.—Entertainers from Bear Cafe

6 to 6:05 p.m.—Lost and Found Dept.

6:05 to 6:45 p.m.—Tavern Orchestra

6:45 to 7 p.m.—Talk by tubercular specialist

7 to 7:30 p.m.—Sunset Harmony Boys

7:30 to 8 p.m.—Imperial Trio

8 to 8:30 p.m.—Old-time fiddlers

8:30 to 9 p.m.—Long Beach Municipal Band

9 to 9:30 p.m.—Orchestra and Maud Irvine, soprano

9:30 to 10:30 p.m.—Flights from Olympic Auditorium

10:30 to 11 p.m.—Hancock Orchestra

11 to 12 midnight—Cheese and Crackers Club

491.5 Meters **KFRG** **Channel 61**
610 Kcys. **1000 Watts**

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—"Simpj Fitts"

8 to 9 a.m.—Musical record program

9 to 9:30 a.m.—Georgia O. George

10 to 11 a.m.—Wyn's daily chats

11 to 11:30 a.m.—Studio program

11:30 to 12 noon—Amateur auditions

12 to 1 p.m.—Sherman, Clay noonday concert

1 to 1:30 p.m.—Ada Day beauty talk

3 to 4 p.m.—Matinee concert

4 to 4:30 p.m.—Garden talk by F. W. Davis

4:30 to 4:35 p.m.—Something about everything

4:35 to 4:55 p.m.—News and lost and found

4:55 to 5 p.m.—Town topics

5 to 6 p.m.—Mac and his gang

6 to 6:45 p.m.—Concert orchestra and ensemble

6:45 to 7 p.m.—"Bobs" sports authority

7 to 7:30 p.m.—Swedish Import Co.

7:30 to 7:55 p.m.—Remar Twins

7:55 to 8 p.m.—Frost warning bulletins

8 to 9 p.m.—Special program and soloists

9 to 10 p.m.—Concert program from KHJ

10 to 10:10 p.m.—Amos 'n' Andy

10:10 to 11:10 p.m.—Earl Burnett's Biltmore

Hotel Dance Orchestra

11:10 to 12:10 a.m.—Tom Gerunovich's orchestra

315.6 Meters **KFWB** **Channel 95**
950 Kcys. **1000 Watts**

Warner Brothers, Hollywood, California

10 a.m.—Harmony Hour

11 a.m.—KFWB Shoppers' Directory

12:30 p.m.—Worldwide news

12:40 p.m.—Air Journal

1:30 p.m.—Housekeepers' chat

2:15 p.m.—Coast League baseball game

4:30 p.m.—Radio Travel Tales

5 p.m.—Radio Review

5:45 p.m.—Town Tattler

6:20 p.m.—Musical program

6:30 p.m.—Harry Jackson's entertainers

7 p.m.—Hollywood Athletic Club program

7:30 p.m.—Don Warner in piano solos

7:45 p.m.—Daily news

8 p.m.—The 507 Band

8:30 p.m.—Hawaiian trio and entertainer

9 p.m.—Edgeworth Club program

9:30 p.m.—Olympic Auditorium boxing bout

10:30 p.m.—Amos 'n' Andy

10:40 p.m.—Henry Halstead's orchestra

11:40 to 12:40 a.m.—Roy Fox' orchestra

236.1 Meters **KOL** **Channel 127**
1270 Kcys. **1000 Watts**

Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset Musical Klock

8:45 to 9:45 a.m.—Program of general interest

9:45 to 10 a.m.—Housekeepers' Chat

10 to 11 a.m.—Popular recordings

12:30 to 1:30 p.m.—Kiwanis Club luncheon

1:30 to 2 p.m.—Matinee Melodies

2:30 to 4:30 p.m.—Baseball broadcast

4:30 to 5 p.m.—News items, weather forecast

5 to 6 p.m.—Service Hour

6 to 7 p.m.—Dinner music, announcements

7 to 7:30 p.m.—Popular program

7:30 to 8 p.m.—Melbourne Trio

8 to 8:20 p.m.—Madge Baldwin, This and That

8:20 to 9 p.m.—Pacific Trade program

9 to 9:15 p.m.—Amos 'n' Andy

9:15 to 9:30 p.m.—Studio program

9:30 to 10 p.m.—Radio auction bridge game

10 to 11 p.m.—Dance program

11 to 11:30 p.m.—Theatrical revue

TUESDAY Programs

340.7 Meters **KLX** **Channel 88**
880 Kcys. **500 Watts**
 Tribune Publishing Co., Oakland, Calif.

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**

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8 a.m.—Shell Happy Time from KPO
 9 a.m.—Musical program by Sylvia
 10 a.m.—Sylvia's Happy Hour
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 a.m.—Katharine Edson talk on "Rhythmic Movement"
 11:45 a.m.—Fleischmann program, NBC
 12 noon—Dept. of Agriculture talks
 12:15 p.m.—Federal and state market reports
 2 p.m.—Leon Archer, Idell Moyd, Hazel Shively and Eleanor Maegle
 3 p.m.—Marie Lohkar, contralto
 3:15 p.m.—Proctor's Tea Time
 3:30 p.m.—Peggy Warner, soprano
 3:45 p.m.—Talk by Dr. John Miller
 4 p.m.—Irene Wynn, contralto; Peggy Price, blues
 4:45 p.m.—Bridge by Mrs. June Snow
 5 p.m.—Big Brother
 5:30 p.m.—Prof. Carl S. Knopf
 5:45 p.m.—Dept. of Commerce talks
 6 p.m.—Eveready Hour, NBC
 7 p.m.—Clicquot Club program, NBC
 7:30 p.m.—Freed-Eisemann program, NBC
 8 p.m.—Radio-Keith-Orpheum program, NBC
 9 p.m.—Concert orchestra, Pryor Moore, director
 10 to 11 p.m.—Dance music program, NBC

483.6 Meters **KGW** **Channel 62**
620 Kcys. **1000 Watts**

The Morning Oregonian, Portland, Oregon

7:45 to 8 a.m.—Devotional services
 8 to 9 a.m.—Meeting of the Portland Breakfast Club
 9 to 9:30 a.m.—Betty Baker's Cooking School
 9:30 to 10:15 a.m.—The Town Crier
 10:15 to 10:30 a.m.—Lesser Co. Inc. program
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:45 to 12 noon—Fleischmann program, NBC
 2 to 2:30 p.m.—Stock market quotations
 2:30 to 3 p.m.—Studio program
 3 to 4 p.m.—Wayside Inn, NBC
 4 to 4:30 p.m.—Voters' Service, NBC
 4:30 to 5 p.m.—Myrrhol Smiling Tooth Army
 6 to 7 p.m.—Eveready Hour, NBC
 7 to 7:30 p.m.—Clicquot Club program, NBC
 7:30 to 8 p.m.—Freed-Eisemann program, NBC
 8 to 9 p.m.—Radio-Keith-Orpheum, NBC
 9 to 9:30 p.m.—Hupmobile program
 9:30 to 10:30 p.m.—Schwabacher program from KOMO
 10 to 12 midnight—Trocaderans, NBC
 12 to 12:15 a.m.—Oregonian news summary

361.2 Meters **KOA** **Channel 83**
830 Kcys. **12,500 Watts**

General Electric Co., Denver, Colorado

5 to 5:30 p.m.—Stromberg-Carlson, NBC
 5:30 to 5:55 p.m.—Farm Question Box
 5:55 to 6 p.m.—Answers on Financial Questions
 6 to 7 p.m.—Eveready Hour, NBC
 7 to 7:30 p.m.—Clicquot Club Eskimos, NBC
 7:30 to 8 p.m.—Freed-Eisemann, NBC
 8 to 9 p.m.—Radio-Keith-Orpheum Hour, NBC
 9 to 9:30 p.m.—Tom Mitchell, Half Hour of Happiness
 9:30 to 10 p.m.—KOA Koons

7 to 8 a.m.—Exercises
 8 to 9 a.m.—Jean Kent
 9 to 9:30 a.m.—Modern Homes period
 9:30 to 10:15 a.m.—Health questions
 10:15 to 10:30 a.m.—Opening stocks, weather
 10:30 to 11 a.m.—Recordings
 11 to 12 noon—Classified Adv. hour
 12 to 1 p.m.—Machado's KLX Hawaiians
 1 to 2 p.m.—Jean's Hi-Lights
 2 to 2:30 p.m.—Recordings
 2:30 to 4:30 p.m.—Baseball broadcast
 4:30 to 5 p.m.—Organ recital
 5 to 5:30 p.m.—Brother Bob
 5:30 to 6 p.m.—Cressy Ferra, pianist
 6 p.m.—Curtain Calls
 6 to 7 p.m.—Hotel Oakland Concert Trio
 7 to 7:30 p.m.—News broadcast
 7:30 to 8 p.m.—Edna Fisher, pianist
 8 to 9 p.m.—The John Wharry Lewis KLX Quintet
 9 to 9:30 p.m.—Studio program
 9:30 to 12 midnight—Hawaiian Hi-Jinks

325.9 Meters **KOMO** **Channel 92**
920 Kcys. **1000 Watts**
 Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services
 8 a.m.—Shell Happy Time
 9 p.m.—Concert trio
 9:45 a.m.—What to Prepare for Dinner
 10 a.m.—Maytag So-A-Tone broadcast
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 a.m.—Studio program, NBC
 11:45 a.m.—Fleischmann program, NBC
 12 noon—Farm flashes, grain reports
 12:15 p.m.—Orchestra with Fred Lynch, tenor
 12:45 p.m.—Constance Cook, recipes
 1 p.m.—Concert orchestra
 1:30 p.m.—Orchestra; Alice Maclean, soprano
 2:30 p.m.—Orchestra, with Joy Boys
 3 p.m.—Wayside Inn, NBC
 4 p.m.—Voters' Service, NBC
 4:30 p.m.—Mining stocks quotations
 4:40 p.m.—Concert orchestra
 4:55 p.m.—"Something About Everything"
 5 p.m.—Kiddies' program
 5:30 p.m.—Stock and bond quotations
 5:45 p.m.—News flashes and sports
 6 p.m.—Eveready Hour, NBC
 7 p.m.—Clicquot Club Eskimos, NBC
 7:30 p.m.—Freed-Eisemann, NBC
 8 p.m.—Radio-Keith-Orpheum program, NBC
 9 p.m.—Orchestra; Art Lindsay, tenor; Lindsay duo
 9:30 p.m.—Concert orchestra, with Ina Mitchell
 10:30 p.m.—Alice Maclean and James Harvey, duets
 10:45 p.m.—Dance orchestra with Joy Boys
 11:45 p.m.—Late news flashes
 12 to 12:30 a.m.—Ina Mitchell and Hewe Helne, vocal recital

291.1 Meters **CNRV** **Channel 103**
1030 Kcys. **500 Watts**
 Canadian National Rys., Vancouver, B. C.

10 to 11 a.m.—Morning hour of music
 9 to 10 p.m.—Program to be announced
 10 to 11 p.m.—The CNRV String Quintette and assisting artists
 11 to 12 midnight—Dance music by the National Melodians under the direction of Charlie Pawlett

TUESDAY Programs

322.4 Meters **KFWI** **Channel 93**
930 Kcys. **500 Watts**
Radio Entertainments, San Francisco, Calif.
 7 to 8 a.m.—Health exercises by Cal King
 9 to 9:30 a.m.—Country Store
 9:30 to 10 a.m.—Musical program
 10 to 10:30 a.m.—Charlie Glenn, songs
 10:30 to 11 a.m.—Studio program
 12 to 1 p.m.—Hooligans' luncheon program
 1 to 1:30 p.m.—Cal King's Country Store
 6 to 6:55 p.m.—Dinner hour program
 6:55 to 7 p.m.—Police reports of missing people
 8:30 to 9 p.m.—Hank Blank, "Pal of the Air"

508.2 Meters **KHQ** **Channel 59**
590 Kcys. **1000 Watts**
Louis Wasmer, Inc., Spokane, Washington
 6:45 to 7 a.m.—Inspirational services
 7 to 7:30 p.m.—Sunrise Pep period
 7:30 to 8 a.m.—Myrrohl Musical Klock
 8 to 9 a.m.—Shell Happy Time
 9 to 10 a.m.—Household Service
 10 to 10:30 a.m.—Home hints, recipes, etc.
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 11:45 a.m.—Studio program, NBC
 11:45 to 12 noon—Fleischmann Co., NBC
 12 to 1 p.m.—Chamber of Commerce luncheon
 1 to 1:30 p.m.—Miss Modern
 1:30 to 2 p.m.—Fur Facts
 2 to 2:30 p.m.—Gems from Sartori
 2:30 to 3 p.m.—Musical programs
 3 to 4 p.m.—Wayside Inn, NBC
 4 to 4:30 p.m.—"Paint o' Mine" period
 4:30 to 4:45 p.m.—Empire Home Hints
 4:45 to 5 p.m.—Jones' Happy Time
 5 to 6 p.m.—Service Hour
 6 to 7 p.m.—Eveready program, NBC
 7 to 7:30 p.m.—Clicquot Club Eskimos, NBC
 7:30 to 8 p.m.—Freed-Eisemann, NBC
 8 to 9 p.m.—Radio-Keith-Orpheum, NBC
 9 to 9:15 p.m.—Alice in Lauderland
 9:15 to 9:30 p.m.—Sports and news
 9:30 to 10 p.m.—Sprague Investment program
 10 to 11 p.m.—Triodian String Ensemble

265.3 Meters **KSL** **Channel 113**
1130 Kcys. **5000 Watts**
Radio Service Corp., Salt Lake City, Utah
 4 p.m.—Voters' Service, NBC
 6 p.m.—Eveready Hour, NBC
 7 p.m.—Clicquot Club Eskimos, NBC
 7:30 p.m.—Freed-Eisemann program, NBC
 8 p.m.—Radio-Keith-Orpheum, NBC
 9 p.m.—The Utah Instrumental Quartet
 9:30 p.m.—Variety Half Hour
 10 p.m.—Dance music, Claude Kiff's orchestra

230.6 Meters **KTBI** **Channel 130**
1300 Kcys. **1000 Watts**
Bible Institute of Los Angeles, California
 8 to 8:15 a.m.—Uncle Harry's Bible story
 8:45 to 9:15 a.m.—Announcer's Hour
 9:15 to 9:45 a.m.—Radio Bible course
 9:45 to 10:35 a.m.—Lecture
 10:35 to 11:30 a.m.—Doctrinal lecture
 11:30 to 12 noon—Dr. W. E. Edmonds
 12 to 12:15 p.m.—Chimes and Scripture reading
 1 to 1:15 p.m.—Winifred Kopp, contralto
 1:15 to 2 p.m.—Bible question box
 2 to 2:30 p.m.—Rev. Daniel Coyner

333.1 Meters **KHJ** **Channel 90**
900 Kcys. **1000 Watts**
Don Lee, Inc., Los Angeles, California
 7:30 to 8 a.m.—Physical culture period
 8 to 9 a.m.—"Early Birds"
 9 to 9:30 a.m.—"Dip-It" and "Thinc" program
 9:30 to 10 a.m.—Antrol Laboratories program
 10 to 10:15 a.m.—U. S. C. Chapel period
 10:15 to 11:15 a.m.—Agnes White, At Our House
 11:15 to 11:30 a.m.—Recordings
 11:30 to 12 noon—Two Starving Song Writers
 12 to 12:30 p.m.—Biltmore Hotel Concert Orch.
 12:30 to 12:45 p.m.—World-wide news
 12:45 to 1:30 p.m.—Advertising Club luncheon
 1:30 to 2 p.m.—Charlie Wellman's requests
 2 to 2:30 p.m.—U. S. C. Trojan half hour
 2:30 to 3 p.m.—Street and Highway Safety
 3 to 4 p.m.—Matinee Melody Masters
 4 to 4:30 p.m.—Health talk by Dr. McCoy
 4:30 to 5 p.m.—Midnight Mission program
 5 to 6 p.m.—KHJ Quintet
 6 to 6:45 p.m.—Orchestra and singers
 6:45 to 7 p.m.—World-wide news
 7 to 7:30 p.m.—Pelton Motor Co. program
 7:30 to 8 p.m.—Playlet, featuring E. Murphy
 8 to 9 p.m.—Program from KFRC
 9 to 10 p.m.—Forest Lawn Park program
 10 to 12 midnight—Biltmore Hotel Dance Orch.
 12 to 1 a.m.—Organ and instrumental trio

296.6 Meters **KQW** **Channel 101**
1010 Kcys. **500 Watts**
First Baptist Church, San Jose, California
 10 to 11 a.m.—Helpful Hour
 11 to 12 noon—Salinas program
 12 to 12:20 p.m.—Musical program
 12:20 to 12:30 p.m.—Farm flashes, U. S. D. A.
 12:30 to 1 p.m.—Market reports and weather
 1 to 1:30 p.m.—Hart's Happy Half Hour
 1:30 to 2:30 p.m.—The Friendly Hour
 2:30 to 3:30 p.m.—Musical program
 3:30 to 3:45 p.m.—Fanchon's Style Chat
 3:45 to 4:15 p.m.—Thirty Minutes with W. K.
 4:30 to 5 p.m.—Children's program
 5 to 5:15 p.m.—Studio program
 5:15 to 5:30 p.m.—Franco's program
 5:30 to 5:45 p.m.—Chas. C. Navlet Co. program
 5:45 to 6 p.m.—Farm forum and special releases
 6 to 6:20 p.m.—Crop digest
 6:20 to 6:25 p.m.—Commercial announcement
 6:25 to 6:50 p.m.—Crop reports and weather
 6:50 to 7 p.m.—Farmers' Exchange
 7 to 8 p.m.—Farm Bureau Evening News
 8 to 9:30 p.m.—"You Never Can Tell" program

526 Meters **KXA** **Channel 57**
570 Kcys. **500 Watts**
American Radio Tel. Co., Seattle, Wash.
 9 to 10 a.m.—The Market Hour, with Uncle Ash
 10 to 10:15 a.m.—Inspirational services
 10:30 to 11 a.m.—Our Sunshine Hour
 11:15 to 12 noon—Our Sunshine Hour
 12:30 to 1:30 p.m.—Ad. Club luncheon
 1:30 to 2 p.m.—Hawaiian recordings
 2 to 3 p.m.—Popular recorded program
 3 to 4 p.m.—Bridge Party Hour
 4 to 5 p.m.—Piano and song recital
 5 to 6 p.m.—Popular recordings
 6 to 7 p.m.—Slim Secord's Hot-En-Tots
 7 to 7:30 p.m.—Hugh Baird Travelogue
 7:30 to 7:45 p.m.—National Health Forum
 7:45 to 8 p.m.—Recorded program
 8 to 9 p.m.—Melody Bandits with Doris Upper and Carmel Teed, soloists
 9 to 10 p.m.—Seattle Pacific College
 10 to 11 p.m.—Dance music; Daisy Brunt, soloist
 11 to 11:15 p.m.—Bannister the Great

WEDNESDAY Programs

April 17, 1929



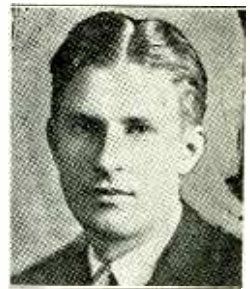
Glenhall Taylor
KTAB—2:30 p.m.



Jerry Jermaine
KPO—1 p.m.



Edna Fisher
KLX—7:30 p.m.



R. G. Montgomery
KGW—6 p.m.

379.5 Meters **KGO** Channel 79
790 Kcys. 10,000 Watts

General Electric Co., Oakland, California

9:30 to 10:30 a.m.—California Home Life
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 1 p.m.—Rembrandt Trio
1 to 2 p.m.—Pacific Vagabonds, NBC
2 p.m.—S. F. and N. Y. stocks
2:15 to 2:30 p.m.—U. S. Dept. of Commerce talk
3 to 4 p.m.—The Cabin Door, NBC
5 to 5:15 p.m.—Dr. Albertine Richards Nash, consulting psychologist
5:15 to 5:30 p.m.—Feature talk
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce
6 to 6:30 p.m.—Paul Revere
6:30 to 7:30 p.m.—Palmolive Hour, NBC
7:30 to 8 p.m.—Gold Strand program, NBC
8 to 8:30 p.m.—Jack and Ethyl the Motormates, NBC
8:30 to 9 p.m.—Three Boys
9 to 9:30 p.m.—Program by Parisian Quintet—Quintet, Spanish Dance, Andante; Allegretto Sostenuto and Allegro con brio, from Piano Quartet; quintet; Berceuse, On a Woodland Glade, March of the Bull Frogs, Out of the Mist
9:30 to 10 p.m.—Songs and the Singer, Arthur W. Parent, bass. Selections—The Tramp, Requiem, When the Bell in the Lighthouse Rings, Song of Hybrias the Cretan, Go to Sea, Rolling Down to Rio
10 to 12 p.m.—The Trocaderans, NBC

230.6 Meters **KTBI** Channel 130
1300 Kcys. 1000 Watts

Bible Institute of Los Angeles, California

8 to 8:15 a.m.—Uncle Harry's Bible story
8:15 to 8:45 a.m.—Devotional service
9:15 to 9:45 a.m.—Radio Bible course
9:45 to 10:35 a.m.—Doctrinal lecture
10:35 to 11:30 a.m.—Messages from the best books
11:30 to 12 noon—Music
12 to 12:15 p.m.—Chimes and Scripture reading
1 to 1:30 p.m.—Jack Wells and Evelyn Hill
1:30 to 2 p.m.—Rev. J. Nuesch (in German)
2 to 2:30 p.m.—Rev. Chas. Fuller

468.5 Meters **KFI** Channel 64
640 Kcys. 5000 Watts

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8 a.m.—Shell Happy Time from KPO
10 a.m.—Betty Crocker, Gold Medal talks
10:30 a.m.—Woman's Magazine of the Air, NBC
12 noon—Dept. of Agriculture talks
12:10 p.m.—Federal and state market reports
12:15 p.m.—Talk from the Sheriff's office
2 p.m.—Leon Archer
2:15 p.m.—L. A. Fire Dept. Orchestra; Three Skippers
3:15 p.m.—Tom White, character songs; Cliff Gunning, tenor
4 p.m.—Hugo Escobar, Spanish lessons
5 p.m.—Big Brother
5:30 p.m.—Better America Federation
5:45 p.m.—Nick Harris, detective stories
6:15 p.m.—Police Commissioner W. G. Thorpe
6:30 p.m.—Palmolive program, NBC
7:30 p.m.—Gold Strand program, NBC
8 p.m.—Jack and Ethyl, Motormates, NBC
8:30 p.m.—Virginia Flohri, soprano; Paul Taylor's chorus
9 p.m.—Concert orchestra, Pryor Moore, dir.
10 to 11 p.m.—Dance music program, NBC

361.2 Meters **KOA** Channel 83
830 Kcys. 12,500 Watts

General Electric Co., Denver, Colorado

5:30 to 6 p.m.—Tom Mitchell, Half Hour of Happiness
6 to 6:30 p.m.—Ipana Troubadours, NBC
6:30 to 7:30 p.m.—Palmolive Hour, NBC
7:30 to 8 p.m.—Gold Strand Orchestra, NBC
8 to 8:30 p.m.—Vincent Lopez and his orchestra, NBC
8:30 to 9 p.m.—Colorado Fuel and Iron Co.
9 to 9:30 p.m.—KOA March Orchestra and Sally Mason
9:30 to 10 p.m.—In the Garden—Under Dixie Skies. Contralto and tenor solos and duets; 'Take me to the Swanee Shore, Waitin' for the Robert E. Lee, Down Where the Cotton Blossoms Grow, Where the Cot-Cot-Cotton Grows, And They Called It Dixie Land, I'm All Bound Round With the Mason Dixon Line, Swanee Rose, Dinah
10 to 11 p.m.—The Trocaderans, NBC

WEDNESDAY Programs

440.9 Meters **KPO** **Channel 68**
680 Kcys. **5000 Watts**
Hale Bros. & The Chronicle, San Francisco

6:45 to 8 a.m.—Health exercises by Hugh Barrett Dobbs, assisted by William H. Hancock
 8 to 9 a.m.—Shell Happy Time, by Hugh Barrett Dobbs, assisted by William H. Hancock
 9:30 to 10 a.m.—Dobbsie's Daily Chat, with Lou Foote's orchestra
 10:20 to 10:30 a.m.—Better Homes, by Christina S. Madison
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 12 noon—Ye Towne Cryer
 12 to 12:10 p.m.—Scripture reading; announcements
 12:10 to 12:55 p.m.—Aeolian Trio
 12:55 p.m.—Stock market quotations
 1 to 1:30 p.m.—Jerry Jermaine for Hale's
 1:30 to 2 p.m.—Anne Warner's Home Chats
 2 to 2:30 p.m.—House of Dreams, with Gretchen Brendel, contralto
 2:30 to 2:45 p.m.—Secrets for Women Only
 2:45 p.m.—Baseball broadcast
 4:50 p.m.—Stock market quotations
 5 to 6 p.m.—Children's Hour, Big Brother
 6 to 6:30 p.m.—KPO Carolers
 6:30 to 7:30 p.m.—Palmolive program, NBC
 7:30 to 8 p.m.—Gold Strand program, NBC
 8 to 8:30 p.m.—Jack and Ethyl, NBC
 8:30 to 9:30 p.m.—Aeolian Trio with Allan Wil-
 son, tenor
 9:30 to 10 p.m.—Tommy Monroe and Bob Allen
 10 to 11 p.m.—Jesse Stafford's Palace Hotel
 Dance Orchestra
 11 to 12 midnight—The Trocaderoans, NBC

239.9 Meters **KFOX** **Channel 125**
1250 Kcys. **1000 Watts**
Nichols & Warinner, Long Beach, Calif.

8 to 8:15 a.m.—Tadpole, the Buttercream Boy
 8:15 to 8:45 a.m.—Bright and Early Hour
 8:45 to 9:20 a.m.—Novelty program
 9:20 to 9:30 a.m.—Organ recital
 9:30 to 10:50 a.m.—Hawaiian and novelty pro-
 gram
 10:50 to 11 a.m.—"Clarence"
 11 to 11:10 a.m.—Mae Day, beauty talk
 11:10 to 12 noon—Recordings, news report
 12 to 12:30 p.m.—Gene and Bill
 12:30 to 1 p.m.—Louise Church, pianist; Maud
 Irvine, soprano
 1 to 1:30 p.m.—Rotary luncheon
 1:30 to 2 p.m.—Cecil Fry
 2 to 2:30 p.m.—Health talk, music
 2:30 to 4 p.m.—Long Beach Municipal Band
 4 to 4:30 p.m.—Musical program, news
 4:30 to 5 p.m.—Sharkey's Cafe Orchestra
 5 to 5:30 p.m.—Futuristic Trio
 5:30 to 6 p.m.—Entertainers from Bear Cafe
 6 to 6:05 p.m.—Lost and Found Dept.
 6:05 to 6:30 p.m.—Tavern Orchestra
 6:30 to 7 p.m.—Motor Tires Quartet
 7 to 7:30 p.m.—Hancock Orchestra
 7:30 to 8 p.m.—Sunset Harmony Boys
 8 to 8:30 p.m.—Imperial Trio
 8:30 to 9 p.m.—Long Beach Municipal Band
 9 to 9:45 p.m.—Freddie Carter's orchestra
 9:45 to 10:30 p.m.—Fights from the Wilmington
 Bowl
 10:30 to 11 p.m.—Freddie Carter's orchestra
 11 to 12 midnight—Cheese and Crackers Club

ABC

American Broadcasting Company

7 to 8 a.m.—Vim, Vigor and Vitality, KJR,
 KGA, KEX, KYA, KMTR
 8 to 9 a.m.—Anthony Euwer and Golden Hour
 Orchestra, KJR, KGA, KEX, KYA, KLZ,
 KDYL
 9 to 9:30 a.m.—Mary Cooke, Better Homes pro-
 gram, KJR, KGA, KEX, KYA, KLZ, KDYL
 9:30 to 9:45 a.m.—Novelty program, Glenn Eaton
 and Marjorie Robillard, KJR, KGA, KEX,
 KYA, KLZ, KDYL
 9:45 to 10 a.m.—Morning devotional service,
 KJR, KGA, KEX, KYA, KLZ, KDYL
 10:30 to 10:45 a.m.—Georgia O. George, hair cul-
 ture, KJR, KGA, KEX, KLZ, KDYL
 11 to 12 noon—American Reveillers, KJR, KGA,
 KEX, KLZ, KDYL
 12 to 12:15 p.m.—Late news events, KJR, KGA,
 KDYL
 12:15 to 12:30 p.m.—Glenn Eaton and Marjorie
 Robillard, KJR, KEX, KGA, KLZ, KDYL
 12:30 to 1:30 p.m.—American Salon Orchestra,
 KJR, KGA, KEX, KDYL, KLZ
 1:30 to 2 p.m.—Song recital, G. Donald Gray
 and Sydney Dixon, KJR, KGA, KEX, KDYL,
 KLZ
 2 to 3 p.m.—American Salon Orchestra, soloists,
 KJR, KGA, KEX, KLZ, KDYL
 3 to 4 p.m.—American Salon Orchestra, Fran-
 cesco Longo, director, soloists, KJR, KGA,
 KEX, KDYL, KLZ
 4 to 4:20 p.m.—Bridge Table, Lillian Thompson,
 instructor, KJR, KGA, KEX, KLZ, KDYL
 4:20 to 5 p.m.—Song recital, KJR, KGA, KEX,
 KLZ, KDYL
 5 to 5:55 p.m.—American Salon Orchestra, KJR,
 KGA, KEX, KLZ, KDYL
 5:55 to 6 p.m.—McMahon Institute of Finance,
 KJR, KGA, KEX, KYA, KLZ, KDYL
 6 to 7 p.m.—American Artistic Ensemble, solo-
 ists, KJR, KGA, KEX
 7 to 7:30 p.m.—Kolster program, CBS from New
 York, KJR, KGA, KEX, KYA, KMTR, KLZ,
 KDYL
 7:30 to 8 p.m.—"Great American Appleburys,"
 KJR, KGA, KYA, KMTR
 8 to 8:30 p.m.—"Singing Strings," KJR, KGA
 8:30 to 9 p.m.—"Over Land and Sea," Liborius
 Hauptmann and his Pacific Salon Orchestra,
 KJR, KGA, KYA, KMTR, KLZ, KDYL
 9 to 9:30 p.m.—Pacific Artists' Trio, Metro and
 Cosmo, KJR, KGA, KEX, KYA, KMTR, KLZ,
 KDYL
 9:30 to 10 p.m.—Kenin's Novelities, KJR, KGA,
 KEX, KYA, KMTR, KLZ, KDYL
 10 to 11 p.m.—"Sleepy Time," KJR, KGA, KEX,
 KYA, KMTR, KLZ, KDYL
 11 to 12 midnight—Golden Gate Gypsies, Her-
 man Kenin, director, KJR, KGA, KEX, KYA,
 KMTR, KLZ, KDYL

322.4 Meters **KFWI** **Channel 93**
930 Kcys. **500 Watts**
Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises
 9 to 9:30 a.m.—Country Store
 9:30 to 10 a.m.—Musical program
 10 to 10:30 a.m.—Charlie Glenn, songs
 10:30 to 11 a.m.—Studio program
 11 to 12 noon—Morning concert
 12 to 1 p.m.—Hooligans' luncheon program
 1 to 1:30 p.m.—Country Store, Cal King
 6 to 6:55 p.m.—Dinner hour program
 6:55 to 7 p.m.—Police reports of missing people
 8:30 to 9 p.m.—Jean Dotson, pianist
 9 to 11 p.m.—Coconut Club

WEDNESDAY Programs

243.8 Meters **KYA** **Channel 123**
1230 Kcys. **1000 Watts**
Pacific Broadcasting Corp., San Francisco

- 7 to 8 a.m.—Vim, Vigor and Vitality, ABC
- 8 to 8:05 a.m.—Newscasting, ABC
- 8:05 to 9 a.m.—Anthony Euwer and Golden Hour Orchestra, ABC
- 9 to 9:30 a.m.—Mary Cooke, better homes, ABC
- 9:30 to 9:45 a.m.—Eaton and Robillard, ABC
- 9:45 to 10 a.m.—Devotional service, ABC
- 10 to 11 a.m.—KYA Trio
- 11 to 12 noon—California Sunshine Hour
- 12 to 12:15 p.m.—News items
- 12:15 to 12:30 p.m.—The Funniest Things
- 12:30 to 1:30 p.m.—Pacific Salon Orchestra
- 1:30 to 1:45 p.m.—Dr. Buren L. Corley
- 1:45 to 2:45 p.m.—Bridge Party Hour
- 2:45 to 5 p.m.—Baseball from Recreation Park
- 5 to 6 p.m.—KYA Trio
- 6 to 6:15 p.m.—News items
- 6:15 to 6:45 p.m.—Golden Gate Cryer period
- 6:45 to 7 p.m.—Talk on Crime Prevention
- 7 to 7:30 p.m.—Kolster Hour, CBS
- 7:30 to 8 p.m.—Applebury comedy sketch, ABC
- 8 to 8:30 p.m.—Carter's Happiness program, KYA, KMTR
- 8:30 to 9 p.m.—Over Land and Sea, ABC
- 9 to 9:30 p.m.—Metro and Cosmo, with trio, ABC
- 9:30 to 10 p.m.—Kenin's Capers, ABC
- 10 to 11 p.m.—Sleepy Time, ABC
- 11 to 12 midnight—Golden Gate Gypsies, Herman Kenin directing, Yvonne Petersen and Helen Troy, ABC

325.9 Meters **KOMO** **Channel 92**
920 Kcys. **1000 Watts**
Fisher's Blend Station, Seattle, Washington

- 7:55 a.m.—Inspirational services
- 8 a.m.—Shell Happy Time
- 9 a.m.—Organ recital
- 10 a.m.—Y. M. C. A. health exercises
- 10:15 a.m.—What to Prepare for Dinner
- 10:30 a.m.—Woman's Magazine of the Air, NBC
- 11:30 a.m.—Rhena Marshall, soprano; Margaret Gray, readings
- 12 noon—Farm flashes, grain reports
- 12:15 p.m.—Orchestra, with Alice Maclean, soprano
- 12:45 p.m.—Constance Cook, recipes
- 1 p.m.—Pacific Vagabonds, NBC
- 2 p.m.—Orchestra; Fred Lynch, tenor; Rhena Marshall, soprano
- 3 p.m.—The Cabin Door, NBC
- 4 p.m.—Mining stocks
- 4:10 p.m.—Orchestra; Rhena Marshall, soprano
- 4:55 p.m.—"Something About Everything"
- 5 p.m.—Kiddies' program
- 5:30 p.m.—Stock and bond quotations
- 5:45 p.m.—News flashes and sports
- 6 p.m.—Concert orchestra with Aurelio Sciacqua
- 6:30 p.m.—Palmolive Hour, NBC
- 7:30 p.m.—Gold Strand group, NBC
- 8 p.m.—Roads to Romance, NBC
- 8:30 p.m.—Male quartet
- 8:45 p.m.—Concert orchestra with male quartet
- 9:45 p.m.—Play by the Totem Thespians
- 10 p.m.—Symphonic orchestra with James Harvey, tenor, and Alice Maclean, soprano
- 11 p.m.—Late news
- 11:15 to 12:30 a.m.—Orchestra; male quartet; Aurelio Sciacqua, tenor

491.5 Meters **KFRC** **Channel 61**
610 Kcys. **1000 Watts**
Don Lee, Inc., San Francisco, Calif.

- 7 to 8 a.m.—"Simpv Flitts"
- 8 to 9 a.m.—Musical record program
- 9 to 9:30 a.m.—Georgia O. George
- 10 to 11 a.m.—Wyn's daily chats
- 11 to 11:30 a.m.—Domestic science talk
- 11:30 to 12 noon—Amateur auditions
- 12 to 1 p.m.—Ada Day beauty talk
- 3 to 3:30 p.m.—Educational period
- 3:30 to 3:35 p.m.—Something about everything
- 3:35 to 4 p.m.—News and lost and found
- 4 to 4:55 p.m.—Matinee Melody Masters
- 4:55 to 5 p.m.—Town topics
- 5 to 6 p.m.—Mac and his gang
- 6 to 7 p.m.—KFRC Concert Orchestra and Carolinans
- 7 to 7:30 p.m.—Concert orchestra
- 7:30 to 7:55 p.m.—Maytag So-A-Tone program
- 7:55 to 8 p.m.—Weather bureau bulletins
- 8 to 9 p.m.—Buick Boosters program
- 9 to 10 p.m.—John Smallman A'Capella Choir
- 10 to 11 p.m.—Hotel Mark Hopkins Orchestra
- 11 to 12 midnight—New Mandarin Cabaret Band

333.1 Meters **KHJ** **Channel 90**
900 Kcys. **1000 Watts**
Don Lee, Inc., Los Angeles, California

- 7:30 to 8 a.m.—Physical culture period
- 8 to 9 a.m.—"The Alarm Clock"
- 9 to 9:55 a.m.—Recordings
- 9:55 to 10:15 a.m.—U. S. C. Chapel period
- 10:15 to 11:15 a.m.—Agnes White, At Our House
- 11:15 to 11:30 a.m.—Klein's Harmonica Trio
- 11:30 to 12 noon—Two Starving Song Writers
- 12 to 12:30 p.m.—Biltmore Hotel Concert Orch.
- 12:30 to 12:45 p.m.—World-wide news
- 12:45 to 1:30 p.m.—Optimist Club luncheon
- 1:30 to 2 p.m.—Charlie Wellman's requests
- 2 to 2:15 p.m.—Studio program
- 2:15 to 2:30 p.m.—Automobile Club of So. Cal.
- 2:30 to 3 p.m.—Public Library talk
- 3 to 4 p.m.—Matinee Melody Masters
- 4 to 5 p.m.—Fred C. McNab, "Gardens"
- 5 to 6 p.m.—KHJ Quintet
- 6 to 6:45 p.m.—Orchestra and singers from KFRC
- 6:45 to 7 p.m.—World-wide news
- 7 to 7:30 p.m.—Spartan Radio program
- 7:30 to 8 p.m.—Brown & Haley program
- 8 to 9 p.m.—Howard Auto Buick program
- 9 to 10 p.m.—Smallman A Cappella Choir
- 10 to 12 midnight—Biltmore Hotel Dance Orch.
- 12 to 1 a.m.—Organ and instrumental trio

236.1 Meters **KOL** **Channel 127**
1270 Kcys. **1000 Watts**
Seattle Broadcasting Co., Seattle, Wash.

- 6:45 to 8:45 a.m.—Sunset Musical Klock
- 8:45 to 9:45 a.m.—Program of general interest
- 9:45 to 10 a.m.—Housekeepers' Chat
- 10 to 10:30 a.m.—Popular recordings
- 12 to 12:30 p.m.—Organ concert, F. C. Feringer
- 12:30 to 1:30 p.m.—Rotary Club luncheon
- 1:30 to 2 p.m.—Matinee Melodies
- 2:30 to 4:30 p.m.—Baseball broadcast
- 4:30 to 5 p.m.—News items, weather forecast
- 5 to 6 p.m.—Service Hour
- 6 to 7 p.m.—Dinner hour concert
- 7 to 7:30 p.m.—Ken Stuart's half hour
- 7:30 to 8 p.m.—Madge Baldwin, This and That
- 8 to 9 p.m.—Dixie Old Time String Band
- 9 to 9:15 p.m.—Amos 'n' Andy
- 9:15 to 10 p.m.—Pacific Trade program
- 10 to 11 p.m.—Studio program
- 11 to 12 midnight—Hotel Butler Indians

WEDNESDAY Programs

340.7 Meters **KLX** **Channel 88**
880 Kcys. **500 Watts**
 Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises
 8 to 9 a.m.—Jean Kent
 9 to 9:30 a.m.—Modern Homes period
 9:30 to 9:40 a.m.—Belco talk
 9:40 to 10:15 a.m.—Recordings
 10:15 to 10:30 a.m.—Opening stocks, weather
 10:30 to 11 a.m.—Recordings
 11 to 12 noon—Classified Adv. hour
 12 to 1 p.m.—Machado's KLX Hawaiians
 1 to 2 p.m.—Jean's Hi-Lights
 2 to 2:30 p.m.—Recordings
 2:30 to 4:30 p.m.—Baseball broadcast
 4:30 to 5 p.m.—Organ recital
 5 to 5:30 p.m.—Brother Bob
 5:30 to 6 p.m.—Cressy Ferra, pianist
 6 p.m.—Curtain Calls
 6 to 7 p.m.—Hotel Oakland Concert Trio
 7 to 7:30 p.m.—News broadcast
 7:30 to 8 p.m.—Edna Fisher, pianist
 8 to 9 p.m.—Educational program—World news by Ad Schuster; music talk by Roy Harrison Danforth; book reviews by the Bookworm; commercial law talk by Attorney Milton W. Dobrzensky, and piano solos by Helen Wegman Parmelee
 9 to 9:30 p.m.—Studio program
 9:30 to 10 p.m.—Helen Wegman Parmelee, pianist; Nellie Clark Alsing, soprano

265.3 Meters **KSL** **Channel 113**
1130 Kcys. **5000 Watts**
 Radio Service Corp., Salt Lake City, Utah

5:25 p.m.—"The Senator of Sandpit County," Florence Russey and others
 5:55 p.m.—"The Romance of Gems"
 6:10 p.m.—Variety program
 6:30 p.m.—Palmolive Hour, NBC
 7:30 p.m.—Gold Strand Orchestra, NBC
 8 p.m.—Vincent Lopez and his orchestra, NBC
 8:30 p.m.—Little Symphony Orchestra
 9 p.m.—Concert group
 10 p.m.—The Trocaderans, NBC

508.2 Meters **KHQ** **Channel 59**
590 Kcys. **1000 Watts**
 Louis Wasmer, Inc., Spokane, Washington

8 to 9 a.m.—Shell Happy Time
 9 to 9:15 a.m.—Lesser program
 9:15 to 9:30 a.m.—Musical recordings
 9:30 to 10:30 a.m.—Home hints, recipes, etc.
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 12 noon—Farmers' Service Hour
 1 to 2 p.m.—Pacific Vagabonds, NBC
 3 to 4 p.m.—The Cabin Door, NBC
 4 to 4:30 p.m.—Recordings
 4:30 to 5:30 p.m.—Varieties Hour
 5:30 to 6:15 p.m.—Service Time
 6:15 to 6:30 p.m.—Sports news
 6:30 to 7:30 p.m.—Palmolive Hour, NBC
 7:30 to 8 p.m.—Gold Strand program, NBC
 8 to 8:30 p.m.—Roads to Romance, NBC
 8:30 to 9 p.m.—Hill Billy Boys, NBC
 9 to 9:30 p.m.—Threads of Thought
 9:30 to 9:45 p.m.—Triodian String Ensemble
 9:45 to 10 a.m.—Alice in Launderland
 10 to 12 midnight—Trocaderans' dance orch.
 12 to 12:30 a.m.—Trues Oil

545.1 Meters **KTAB** **Channel 55**
550 Kcys. **500 Watts**
 Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Morning Reveille
 8 to 9 a.m.—Ray Raymond's Tabloid
 9 to 9:30 a.m.—Morning prayer
 9:30 to 10 a.m.—Recordings
 10 to 10:15 a.m.—Dr. B. L. Corley
 10:15 to 11 a.m.—Popular records
 11 to 12 noon—Studio program
 12 to 1 p.m.—George Otto's Hawaiians
 1 to 1:30 p.m.—Organ recital
 1:30 to 2 p.m.—Dr. Tindle, Bible talk
 2 to 2:30 p.m.—Records
 2:30 to 3 p.m.—Dorman, Moran & Taylor
 3 to 4 p.m.—Amusette Quintette; Joan Ray, contralto
 4 to 5 p.m.—Musical Vagabonds
 5 to 6 p.m.—Brother Bob's frolic
 6 to 6:30 p.m.—Don's half hour
 6:30 to 7 p.m.—Twilight hour
 7 to 7:15 p.m.—Finance talk
 7:15 to 7:30 p.m.—Studio program
 7:30 to 8 p.m.—Dance program, Ben Swett's Cadets
 8 to 9 p.m.—Orchestra; Teresita Castello, soprano
 9 to 10 p.m.—Pickwick Versatilians
 10 to 11 p.m.—Musical program
 11 to 1 a.m.—Night Owls

315.6 Meters **KFWB** **Channel 95**
950 Kcys. **1000 Watts**
 Warner Brothers, Hollywood, California

8 a.m.—Breakfast Club program
 10 a.m.—Harmony Hour
 11 a.m.—KFWB Shoppers' Directory
 12:30 p.m.—Worldwide news
 12:40 p.m.—Air Journal
 1:30 p.m.—Housekeepers' Chat
 1:50 p.m.—Ann Grey and Louise Lynch, popular songs; Don Warner, pianist
 2:15 p.m.—Coast League baseball game
 4:30 p.m.—Radio Travel Tales
 5 p.m.—Radio Review
 5:45 p.m.—Town Tattler
 6:20 p.m.—Musical program
 6:30 p.m.—Harry Jackson's entertainers
 7 p.m.—Kolster Radio program, CBS
 7:30 p.m.—Esther White in popular songs
 7:45 p.m.—Daily news
 8 p.m.—Concert orchestra; Emma Kimmel, soprano; John Forsythe, tenor
 9 p.m.—A re-created world championship fight
 10 p.m.—Henry Halstead's orchestra
 11 p.m.—Roy Fox' orchestra
 12 to 1 a.m.—Harry Q. Mills, organist

319 Meters **KOIN** **Channel 94**
940 Kcys. **1000 Watts**
 KOIN, Inc., Portland, Oregon

9:40 to 10 a.m.—Housekeepers' chat
 10 to 11:45 a.m.—Shoppers' guide
 11:45 to 12 noon—Louise Palmer Weber, dietitian
 12 to 1 p.m.—Luncheon concert
 1 to 1:30 p.m.—Billy's Hawaiians
 1:30 to 2 p.m.—Farm program
 2:30 to 4 p.m.—News items and music
 4 to 5 p.m.—Orchestra
 5 to 5:15 p.m.—Novelty program
 5:15 to 6 p.m.—Topsy Turvy Times Club
 6 to 7 p.m.—Pipe organ concert
 7 to 7:30 p.m.—Benson Hotel orchestra
 7:30 to 9 p.m.—Studio program
 9 to 9:30 p.m.—Dream House program
 9:30 to 10 p.m.—Vocal program
 10 to 11:30 p.m.—McElroy's Oregonians

WEDNESDAY Programs

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **500 Watts**
Oakland Educational Society, Oakland, Cal.
 8 to 9 a.m.—Music, market and health hour
 2:30 to 3:30 p.m.—Musical program under the direction of G. Helene O'Neal; talk on "Esperanto," Brewster F. Ames
 4:30 to 5:50 p.m.—Big Brother Walter
 5:50 to 6 p.m.—Kingdom of World news
 7 to 8 p.m.—Doc Herrold
 8 to 8:30 p.m.—Bible dialogue, "Wanted: An Honest Preacher"

483.6 Meters **KGW** **Channel 62**
620 Kcys. **1000 Watts**
The Morning Oregonian, Portland, Oregon
 7:15 to 7:30 a.m.—Y. M. C. A. health exercises
 7:45 to 8 a.m.—Devotional services
 8 to 9 a.m.—Shell Happy Time
 9 to 9:30 a.m.—Betty Baker's Cooking School
 9:30 to 10:30 a.m.—Town Crier
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 12 noon—Continuation of Town Crier
 1 to 2 p.m.—Pacific Vagabonds, NBC
 2 to 2:20 p.m.—Stock market quotations
 2:20 to 2:45 p.m.—Studio program
 2:45 to 3 p.m.—Talk on flowers and gardening
 3 to 4 p.m.—Cabin Door, NBC
 5:30 to 6 p.m.—Movie talk
 6 to 6:15 p.m.—Book chat by Richard Montgomery
 6:15 to 6:30 p.m.—Current Events talk
 6:30 to 7:30 p.m.—Palmolive program, NBC
 7:30 to 8 p.m.—Gold Strand program, NBC
 8 to 8:30 p.m.—Roads to Romance, NBC
 8:30 to 9 p.m.—Historical drama
 9 to 9:30 p.m.—Davidson Bakery program
 9:30 to 10 p.m.—Maytag So-A-Tone program
 10 to 11 p.m.—Fisher Concert Orchestra, KOMO
 11 to 12 midnight—KGW Dance Band
 12 to 12:15 a.m.—Oregonian news summary

285.5 Meters **KNX** **Channel 105**
1050 Kcys. **5000 Watts**
L. A. Evening Express, Los Angeles, Calif.
 6:45 to 8 a.m.—Health exercises.
 8 a.m.—Inspirational talk and prayer
 9 to 9:30 a.m.—Musical program
 9:30 to 10 a.m.—Radio shopping news
 10 a.m.—Town Crier of the Day
 10:30 a.m.—Kate Vaughn, household economics
 12 noon to 12:30 p.m.—Musical program
 12:30 to 12:45 p.m.—W. F. Alder travelogue
 1:30 to 2 p.m.—The Bookworm
 2 to 2:30 p.m.—Courtesy program
 2:30 to 3 p.m.—Talk on "Better Speech"
 4 p.m.—Lost and found announcements
 4:25 p.m.—Perfect eyesight without glasses
 5 to 5:45 p.m.—"Own Your Own Home"
 5:45 to 6 p.m.—Town Crier's amusement tips
 6 to 6:30 p.m.—Playgoers' Club
 6:30 to 7 p.m.—Concert orchestra; Monroe Jock-ers, director
 7 to 7:30 p.m.—"Mr. and Mrs." radio skit
 7:30 to 8 p.m.—Hollywood stop-run program
 8 to 8:30 p.m.—Bert Butterworth's Alredales
 8:30 to 9 p.m.—Imperial Gasoline Co. program
 9 to 10 p.m.—Feature program
 10 to 12 midnight—Gus Arnheim's Coconut Grove Orchestra
 12 to 1 a.m.—Dorado Club Silver Flizz dance hour

296.6 Meters **KQW** **Channel 101**
1010 Kcys. **500 Watts**
First Baptist Church, San Jose, California
 10 to 11 a.m.—Helpful Hour
 11 to 11:15 a.m.—Leask Stores program
 12 to 12:20 p.m.—Musical program
 12:20 to 12:30 p.m.—Farm flashes, U. S. D. A.
 12:30 to 1 p.m.—Market reports and weather
 1 to 1:30 p.m.—Hart's Happy Half Hour
 1:30 to 2:30 p.m.—The Friendly Hour
 2:30 to 3:30 p.m.—Musical program
 3:30 to 3:45 p.m.—Fanchon's Style Chat
 3:45 to 4:15 p.m.—Thirty Minutes with W. K.
 4:30 to 5 p.m.—Children's program
 5 to 5:15 p.m.—Belco program
 5:15 to 5:30 p.m.—Franco's program
 5:30 to 5:45 p.m.—Chas. C. Navlet Co. program
 5:45 to 6 p.m.—Farm forum and special releases
 6 to 6:20 p.m.—Crop digest
 6:20 to 6:25 p.m.—Commercial announcements
 6:25 to 6:50 p.m.—Crop reports and weather
 6:50 to 7 p.m.—Farmers' Exchange
 7 to 8 p.m.—Farm Bureau Evening News
 8 to 9:30 p.m.—First Baptist Church

291.1 Meters **CNRV** **Channel 103**
1030 Kcys. **500 Watts**
Canadian National Rys., Vancouver, B. C.
 10 to 11 a.m.—Morning hour of music
 10 to 11 p.m.—Variety program

348.6 Meters **KFQZ** **Channel 86**
860 Kcys. **1000 Watts**
Taft Broadcasting Co., Hollywood, Calif.
 7 a.m.—Breakfast program
 9 a.m.—Miss Clella Collins
 9:30 a.m.—Prosperity program
 12 to 1 p.m.—Al Cajal and Lolly Gookins
 1 to 2 p.m.—Al Cajal and soloists
 2:30 p.m.—Jack Dunn's orchestra
 5 to 6 p.m.—Jean Cowan, Ted Mossman
 9 to 10 p.m.—Royal Wallace, Al Cajal
 10 to 12 midnight—Jack Dunn's orchestra

239 Meters **KXL** **Channel 125**
1250 Kcys. **500 Watts**
KXL Broadcasters, Inc., Portland, Ore.
 6:30 to 8 a.m.—Breakfast concert
 8 to 9 a.m.—Morning radio clock
 9 to 10 a.m.—Early Birds
 10 to 12 noon—Home economics and music
 12 to 2:30 p.m.—Afternoon presentations
 2:30 to 3 p.m.—Half hour of better music
 3 to 5 p.m.—Popular musical selections
 5 to 6 p.m.—Rural request programs
 6 to 6:30 p.m.—Nossey Ned, the Reporter
 6:30 to 7:30 p.m.—Children's hour
 7:30 to 8 p.m.—Vesper hour
 8 to 10:30 p.m.—Orchestra and soloists
 10:30 to 11 p.m.—Skating marathon
 11 to 12 midnight—Evening presentations
 12 to 6:30 a.m.—All Nighters Club

526 Meters **KXA** **Channel 57**
570 Kcys. **500 Watts**
American Radio Tel. Co., Seattle, Wash.
 4 to 5 p.m.—Piano and song recital
 5 to 6 p.m.—Popular recordings
 6 to 7 p.m.—Slim Secord's Hot-En-Tots
 7 to 7:30 p.m.—Harold Morrison, tenor
 7:30 to 8 p.m.—Bray's old-time orchestra
 8 to 9 p.m.—Program featuring Harold Chase
 9 to 10 p.m.—Fire Dept. program
 10 to 11 p.m.—Dance music; Patsy Kelly, soloist
 11 to 11:15 p.m.—Bannister the Great

JOHN R. BRITZ, ABC

(Continued from Page 22)

the Hungarian, and has enjoyed in times past the novelists of the romantic school, both French and English. In magazines he prefers those with style and intellectual liveliness, including Plain Talk, The Nation and the American Mercury.

This musician is not at all superior toward the struggles of America's own music, jazz, to circulate in the best of society. He admires the new idea of sound combinations symphonic jazz is producing and has high hopes for its future. He loves a good popular song and points out that most of the classics used a popular song for a starting point.

He has in his possession the only existing copy of a selection of Viennese folk tunes compiled by Hans Schrammel. These are from the tunes Kreisler has drawn from so liberally. In the suburbs of Vienna the city people go for their holidays to sit on benches in the yards of the country folk where they drink wine and whistle, yodel and play on the violin these native melodies. He expects to use this rare compilation in his work on the ABC.

John Britz is fond of all sorts of card games, and especially of chess. The fact that he made and lost a fortune on horse racing attests to his fondness for that sport. Because he loves the out of doors so well is the reason he prefers to live in the West rather than the East. He has two children, a girl seventeen who has just finished high school in Portland, and a son, who is seven.

THE RADIO TATTLER

(Continued from Page 10)

replacement of policemen and legislators, and their long time mileage on a gallon of juice, there is no limit to their scope. And lest there be some young thing who takes exception on the age-old argument that a robot has no "it," that modern-day essential, let us say, you'd be surprised.

* * *

As between the bandy-legged, tottering millionaire who likes his brides young, and a fine, upstanding robot with a twenty horsepower motor who has just been wired for the diplomatic corps, we'll bet on the robot. There isn't a girl in the world who wouldn't prefer the robot, and that for one reason alone—she can handle him!

RMA PATENT PLAN PRESENTED TO MANUFACTURERS

The Radio Manufacturers' Association, comprising virtually all prominent manufacturers of all radio products, is now beginning a campaign among its members, it was announced today, to effect an interchange, or cross-licensing, of radio patents. Under the direction of the RMA Patent Committee, headed by LeRoi J. Williams of Cambridge, Mass., Chairman, the RMA cross-licensing plan is being submitted to all manufacturer members, adoption by a majority being required before the plan is placed in operation.

Following somewhat the patent pool plans which have worked so successfully for the automobile and aircraft industries, the principal objects of the RMA patent cross-licensing plan are to minimize radio patent litigation and to make available to the public the widest possible use at the lowest cost of modern radio and future developments. Under the plan radio patents would be exchanged and made available equally to all manufacturers adhering. The RMA plan was submitted to its membership last June and also to the Department of Justice, which has raised no objections to the patent interchange proposals.

"During the last few years," according to a statement by Chairman Williams of the RMA Patent Committee, "there has been considerable litigation over patents in the radio industry. The difficulties and expenses of such litigation prompted the Radio Manufacturers' Association to make a careful study of the advisability of its membership—comprising practically all of the industry—entering into a patent interchange or cross-licensing agreement. The result of these studies was the submission to its membership last June of a proposed patent interchange agreement. The membership approved the form of the agreement and recommended that it be submitted to the membership for individual action.

"The Radio Manufacturers' Association is now beginning a campaign for effecting a cross-licensing of patents between its members under the document approved by the Association.

"It is the plan of the Committee to submit to the membership a thorough discussion of the form and nature of the agreement and analyses of the economic and practical aspects of operations under such an agreement, calling attention particularly to the notable success of such agreements in the automobile and aviation industries."

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THURSDAY Programs April 18, 1929



Associated Brass Band—Walter Henningsen, Director
KOMO, KHQ, KGW—10 p.m.

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| <p>379.5 Meters
790 Kcys.</p> <p>KGO Channel 79
10,000 Watts</p> <p>General Electric Co., Oakland, California</p> <p>9:30 to 10:30 a.m.—California Home Life
10:30 to 11 a.m.—Woman's Magazine of the Air, NBC
11 to 11:15 a.m.—Rembrandt Trio
11:15 to 11:30 a.m.—Happy Homes, Bettina Angelo
11:30 to 12 noon—Standard School broadcast
12 to 1 p.m.—Rembrandt Trio
3 to 4 p.m.—The Wanderers, NBC
5 to 5:30 p.m.—Tom King, detective stories
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce; news
6 to 6:30 p.m.—Seiberling program, NBC
6:30 to 6:45 p.m.—Bert Harwell, the bird man
6:45 to 7:30 p.m.—Agricultural program
7:30 to 8:30 p.m.—Standard Symphony Hour, NBC
8:30 to 9:30 p.m.—Memory Lane, NBC
9:30 to 10 p.m.—Mystery serial, "The Unseen Hand," by Thos. Hutchinson. Presented by the KGO Players, Wilda Wilson Church directing
10 to 12 midnight—The Trocaderans, NBC</p> <p>526 Meters
570 Kcys</p> <p>KXA Channel 57
500 Watts</p> <p>American Radio Tel. Co., Seattle, Wash.</p> <p>9 to 10 a.m.—The Market Hour, with Uncle Ash
10 to 10:15 a.m.—Inspirational services
10:30 to 11 a.m.—Our Sunshine Hour
11:15 to 12 noon—Our Sunshine Hour
12 to 12:30 p.m.—Popular recordings
12:30 to 1:30 p.m.—Business Club luncheon
1:30 to 3 p.m.—Popular recorded program
3 to 4 p.m.—Bridge Party Hour
4 to 5 p.m.—Song and piano recital
5 to 6 p.m.—Popular recordings
6 to 7 p.m.—Slim Secord's Hot-En-Tots
7 to 7:30 p.m.—Edholm Co. program
7:30 to 7:45 p.m.—National Health Forum
7:45 to 8 p.m.—Recorded program
8 to 9 p.m.—Daisy Brunt, Alice Bell and Dorothy Weber, Valborg Nielsen, Lurlene Day
9 to 9:30 p.m.—University Players
9:30 to 10:30 p.m.—Dance music; Patsy Kelly, soloist
10:30 to 12 midnight—Bats in the Belfry frolic</p> | <p>340.7 Meters
880 Kcys.</p> <p>KLX Channel 88
500 Watts</p> <p>Tribune Publishing Co., Oakland, Calif.</p> <p>7 to 8 a.m.—Exercises
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Health questions
10:15 to 10:30 a.m.—Opening stocks, weather
10:30 to 11 a.m.—Recordings
11 to 12 noon—Classified Adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Baseball broadcast
4:30 to 5 p.m.—Organ recital
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, pianist
6 p.m.—Curtain Calls
6 to 7 p.m.—Hotel Oakland Concert Trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fisher, pianist
8 to 8:30 p.m.—Fred T. Wood Co. program
8:30 to 9 p.m.—Helen Wegman Parmelee and Dorothy Donohue, piano duo
9 to 9:30 p.m.—Studio program
9:30 to 10:30 p.m.—Machado's KLX Hawaiians</p> <p>315.6 Meters
950 Kcys.</p> <p>KFWB Channel 95
1000 Watts</p> <p>Warner Brothers, Hollywood, California</p> <p>10 a.m.—Harmony Hour
11 a.m.—KFWB Shoppers' Directory
12:30 p.m.—Worldwide news
1:30 p.m.—Housekeepers' Chat by Aunt Sammy
2:15 p.m.—Coast League baseball game
4:30 p.m.—Radio Travel Tales
5 p.m.—Radio Review
5:45 p.m.—Town Tattler
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—Hollywood Athletic Club Orchestra
7:30 p.m.—Clarence Badger, popular songs
7:45 p.m.—Daily news
8 p.m.—La Salle singers and concert quintet
8:30 p.m.—Ray Bailey's sextet
9 p.m.—Henry Halstead's orchestra
10 p.m.—Amos 'n' Andy
10:10 p.m.—Concert orchestra; Edward Jardon, tenor
11:10 to 12:10 a.m.—Roy Fox' orchestra</p> |
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THURSDAY Programs

NBC

National Broadcasting Company

10:30 to 11 a.m.—"Woman's Magazine of the Air"

Don Amaiuz, the Spanish violinist-cavalier, will play during the "Woman's Magazine of the Air" broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

11:30 to 12 noon—Standard School broadcast

English music and the French horn will be the lesson theme for the Standard School broadcast this morning.

The first part of the radio music instruction will be devoted to a continuation of the discussion of instruments of the orchestra. One of the principal brass wind instruments—the French horn—will be considered. Illustrative melodies will be played by the French horn soloist of the Standard Symphony Orchestra.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

3 to 4 p.m.—The Wanderers

The comparatively new capital of Russia will be described by the airplane travelers, and as they soar above the vast agricultural area there will be much to tell of the development of Russia since the revolution.

A musical background will be supplied for the dialogue.

Broadcast through KHQ, KOMO and KGO.

6 to 6:30 p.m.—Seiberling program (transcontinental)

Singing "Dinah," the Seiberling Singers will introduce another thirty-minute Seiberling program tonight at 6 o'clock.

James Melton, tenor, will continue the program with Croxton's "Mavis." Toward the close of the half hour Melton will sing again, choosing for his second solo the widely-known "Roses of Picardy," composed by Haydn Wood.

The basso of the Seiberling Singers' quartet will sing the solo melody of Geibel's "Kentucky Babe," and a piano soloist will offer "Rio," by Black.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

7 to 7:30 p.m.—Halsey, Stuart program (transcontinental)

Financial advice by the "Old Counselor" and music by Andy Sanella and the orchestra will be heard by auditors throughout the country during the broadcast of the Halsey, Stuart program.

Details of the musical numbers follow:

Orchestra—March of the Toys, "Babes in Toyland".....Herbert
Orchestra—Pastel Menuet.....H. Paradis
Orchestra—Loin Du Bal.....Gillet
Orchestra—Cupid's Garden (Intermezzo)

.....Eugene
Orchestra—Dance of the Paper Dolls...Tucker
Orchestra—Selection, "Katinka".....Frml

Broadcast through KHQ, KOMO, KGW, KPO and KFI.

7:30 to 8:30 p.m.—Standard Symphony Hour

This program will be devoted to the music of old and modern English composers and of those of other nationalities who influenced the development of English music.

Complete details of the program follow:

Orchestra—Over the Hills and Far Away.....Gralnger

Orchestra—Drink to Me Only With Thine Eyes.....Old English

Orchestra—Menuet, "Berenice".....Handel

Orchestra—War March of the Priests, "Athalia".....Mendelssohn

Orchestra—Salut d'Amour.....Elgar

Talk—English Music

Orchestra—Overture, "Britannia".....MacKenzie

Orchestra—Londonderry Air.....Old Irish

Orchestra—Selections, "H. M. S. Pinafore".....Sullivan

Orchestra—Henry VIII.....German

a. Shepherd's Dance

b. Torch Dance

Orchestra—Petite Suite de Concert.....Coleridge-Taylor

a. La Caprice de Nannette

b. Demande et Reponse

c. Un Sonnet d'Amour

d. La Tarantelle Fretillante

Orchestra—Pomp and Circumstance.....Elgar

Broadcast through KHQ, KOMO, KGW, KGO and KFI.

8:30 to 9:30 p.m.—Memory Lane

Celebrating its second anniversary as a National Broadcasting Company program, "Memory Lane" enters its third year on the air at 8:30 o'clock tonight in a new form. "Memory Lane" will contain the usual number of old songs and band pieces and will have the dialogue centering around the Smithers family in Goshen Center, but the structure of the program will be radically changed. There will be two fifteen-minute song recitals, one at the opening of the program and one at the close. The dialogue, which will occupy half an hour, will be devoid of music. The action of the playlet will proceed without any musical interpolations.

Broadcast through KGW and KGO.

10 to 12 midnight—Dance music by the Trocaderans will be broadcast from 10 to 12 o'clock through KGO and KPO, and from 10 to 11 o'clock through KFI.

220.4 Meters

KGB

Channel 136

1360 Kcys.

250 Watts

Pickwick Broadcasting Co., San Diego, Calif.

7 a.m.—Recordings

10 a.m.—Otto Hoeg, piano requests

2:30 p.m.—Recordings

4 p.m.—Harry von Zell, song requests

5 p.m.—The Music Box

7 p.m.—Concert trio

8 p.m.—Broadcast from KMTR

9 p.m.—Lauretta Green, poems and music

10 p.m.—Betty Sue and Bailey Warren

11 p.m.—Harvey Ball and his Shamrocks

239 Meters

KXL

Channel 125

1250 Kcys.

500 Watts

KXL Broadcasters, Inc., Portland, Ore.

6:30 to 8 a.m.—Breakfast concert

8 to 9 a.m.—Morning radio clock

9 to 10 a.m.—Early Birds

10 to 12 noon—Home economics and music

12 to 2:30 p.m.—Afternoon presentations

2:30 to 3 p.m.—Half hour of better music

3 to 5 p.m.—Popular musical selections

5 to 6 p.m.—Request program

6 to 6:30 p.m.—Nosey Ned, the Reporter

6:30 to 7:30 p.m.—Children's hour

7:30 to 8 p.m.—Vesper hour

8 to 9:30 p.m.—Studio programs

9:30 to 10 p.m.—Skating marathon

10 to 12 midnight—Tom Cats Frolle

12 to 6:30 a.m.—All Nighters Club

THURSDAY Programs

440.9 Meters
680 Kcys.
KPO
Channel 68
5000 Watts
Hale Bros. & The Chronicle, San Francisco
 6:45 to 8 a.m.—Health exercises by Hugh Barrett Dobbs, assisted by William H. Hancock
 8 to 9 a.m.—Shell Happy Time by Hugh Barrett Dobbs, with William H. Hancock and Dixie Marsh and Lou Foote's orchestra
 9:30 to 10 a.m.—Dobbsie's Daily Chat, with Kevin Aheru, Irish tenor
 10 to 10:10 a.m.—Annabelle Lee
 10:30 to 11 a.m.—Woman's Magazine of the Air, NBC
 11 to 11:30 a.m.—Ye Towne Cryer
 11:30 to 12 noon—Standard School broadcast, NBC
 12 to 12:10 p.m.—Scripture reading; announcements
 12:10 to 12:30 p.m.—Don George, organist
 12:30 to 1:30 p.m.—Shrine luncheon from Palace Hotel
 1:30 to 2 p.m.—Jerry Jermaine for Hale's
 2 to 2:30 p.m.—House of Dreams; Jack Hillman, baritone
 2:30 to 2:45 p.m.—Secrets for Women Only
 2:45 p.m.—Baseball broadcast
 4:55 p.m.—Stock market quotations
 5 to 5:30 p.m.—Children's Hour, Big Brother
 5:30 to 6 p.m.—Evelyn Trent, World Topics
 6 to 6:30 p.m.—Seiberling program, NBC
 6:30 to 6:45 p.m.—Federal Business Ass'n talk
 6:45 to 7 p.m.—Roberta Leitch, soprano
 7 to 7:30 p.m.—Halsey Stuart, NBC
 7:30 to 8 p.m.—Violin recital by Nathan Abas
 8 to 8:30 p.m.—Caswell Musical Travelers
 8:30 to 9 p.m.—Elsa Trautner and assisting instrumentalists
 9 to 9:30 p.m.—Program with Merton Bories
 9:30 to 10 p.m.—Tommy Munroe and Bob Allen
 10 to 12 midnight—Trocaderans, NBC

508.2 Meters
590 Kcys.
KHQ
Channel 59
1000 Watts
Louis Wasmer, Inc., Spokane, Washington
 6:45 to 7 a.m.—Inspirational services
 7 to 7:30 a.m.—Sunrise Pep period
 7:30 to 8 a.m.—Myrrohl Musical Klock
 8 to 9 a.m.—The Shell Happy Time
 10 to 10:30 a.m.—Sara Leigh's Hour with Women
 10:30 to 11 a.m.—Woman's Magazine of the Air, NBC
 11 to 11:30 a.m.—Farmers' Service Hour
 11:30 to 12 noon—Standard Educational Hour, NBC
 12 to 12:30 p.m.—Valvoline
 12:30 to 1 p.m.—Steinite information
 1 to 1:30 p.m.—Miss Modern
 1:30 to 2 p.m.—Fur Facts
 2 to 3 p.m.—Washington Home Service
 3 to 4 p.m.—The Wanderers, NBC
 4 to 4:30 p.m.—"Paint o' Mine" period
 4:30 to 4:45 p.m.—Empire Home Hints
 4:45 to 5 p.m.—Jones' Happy Time
 5 to 6 p.m.—Service Hour
 6 to 6:30 p.m.—Seiberling program, NBC
 6:30 to 6:45 p.m.—Concert, sports and news
 6:45 to 7 p.m.—Alice in Launderland
 7 to 7:30 p.m.—Halsey Stuart program, NBC
 7:30 to 8:30 p.m.—Standard Symphony, NBC
 8:30 to 9:30 p.m.—Crescent's Old Favorites from KOMO
 9:30 to 10 p.m.—Sprague Ave. Investment Co.
 10 to 11 p.m.—Associated Oil Brass Band, KOMO

491.5 Meters
610 Kcys.
KFRC
Channel 61
1000 Watts
Don Lee, Inc., San Francisco, Calif.
 7 to 8 a.m.—"Simp'y Fitts"
 8 to 9 a.m.—Musical record program
 9 to 9:30 a.m.—Georgia O. George
 10 to 11 a.m.—Wyn's daily chats
 11 to 11:30 a.m.—Maytag So-A-Tone program
 11:30 to 11:40 a.m.—Madame Marie
 11:40 to 12 noon—Amateur auditions
 12 to 1 p.m.—Sherman, Clay noonday concert
 1 to 1:30 p.m.—Ada Day beauty talk
 3 to 4 p.m.—Sir Francis Drake Hotel Orchestra
 4 to 4:55 p.m.—Matinee Melody Masters
 4:55 to 5 p.m.—Town topics
 5 to 6 p.m.—Mac and his gang
 6 to 7 p.m.—KFRC Concert Orchestra
 7 to 7:30 p.m.—Studio program
 7:30 to 7:55 p.m.—Sir Francis Drake Hotel Orchestra
 7:55 to 8 p.m.—Weather Bureau bulletin
 8 to 9 p.m.—"Cruise of the Flying Cloud"
 9 to 10 p.m.—Elvia Allman's Surprise Package
 10 to 10:10 p.m.—Amos 'n' Andy
 10:10 to 11:10 p.m.—Val Valente's Jungletown Orchestra
 11:10 to 12:10 a.m.—Anson Weeks' Hotel Mark Hopkins Orchestra

483.6 Meters
620 Kcys.
KGW
Channel 62
1000 Watts
The Morning Oregonian, Portland, Oregon
 7:45 to 8 a.m.—Devotional services
 8 to 9 a.m.—Shell Happy Time
 9 to 9:30 a.m.—Betty Baker's Cooking School
 9:30 to 10 a.m.—Town Crier
 10 to 10:15 a.m.—Lesser Co. Inc. program
 10:15 to 10:30 a.m.—The Town Crier
 10:30 to 11 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 12 noon—Standard School broadcast, NBC
 12 to 12:30 p.m.—Maytag So-A-Tone program
 2 to 2:20 p.m.—Stock market quotations
 2:20 to 3 p.m.—Studio program
 3 to 4 p.m.—Wanderers, NBC
 6 to 6:30 p.m.—Seiberling program, NBC
 6:30 to 6:35 p.m.—Thrift talk by George P. Simons
 6:35 to 6:40 p.m.—Mat Howard, pianist
 6:40 to 6:55 p.m.—Garden talk by Ray W. Gill
 6:55 to 7 p.m.—Studio program
 7 to 7:30 p.m.—Halsey Stuart, NBC
 7:30 to 8:30 p.m.—Standard Symphony, NBC
 8:30 to 9:30 p.m.—Memory Lane program, NBC
 9:30 to 9:45 p.m.—Tommy Luke's Flower Girls
 9:45 to 10 p.m.—Sports talk
 10 to 11 p.m.—Associated Brass Band, KOMO
 11 to 11:15 p.m.—Oregonian news summary
 11:15 to 12 midnight—Dance Frolic

265.3 Meters
1130 Kcys.
KSL
Channel 113
5000 Watts
Radio Service Corp., Salt Lake City, Utah
 11 a.m.—"Radioette"
 3 p.m.—Rudy Vallee and his orchestra, NBC
 5:30 p.m.—"The Seventy-niners," old-time dance orchestra
 6 p.m.—Salt Lake Police Dept.
 6:25 p.m.—"Conservation of Vision"
 6:30 p.m.—Lowell Berry and his Rhythm Boys
 7 p.m.—Halsey Stuart program, NBC
 7:30 p.m.—The Apollo Male Quartet and Louise Dore's instrumental trio
 8:30 p.m.—Tabernacle organ and choir
 9 p.m.—Majestic Minstrel Merrymakers
 10 p.m.—Dance music, Claude Kiff's orchestra

THURSDAY Programs

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **500 Watts**

Oakland Educational Society, Oakland, Cal.
8 to 9 a.m.—Music, market and health hour
11 to 12 noon—Organ recital, Robert Hadlock
1:30 to 2:30 p.m.—Edna's entertainment hour
2:30 to 3 p.m.—A Kingdom Message, "When Liberty Shall Prevail," O. B. Eddins
3 to 4 p.m.—Musical program
4 to 5 p.m.—The Bagdadians
5 to 5:50 p.m.—Big Brother Walter
5:50 to 6 p.m.—Kingdom of World news
7 to 8 p.m.—Doc Herold
8 to 8:30 p.m.—Bible lecture, I. B. S. A. speaker
9 to 10 p.m.—The Travelers
10 to 10:30 p.m.—Oakland in story and song
10:30 to 11 p.m.—The Scottish Four

236.1 Meters **KOL** **Channel 127**
1270 Kcys. **1000 Watts**

Seattle Broadcasting Co., Seattle, Wash.
6:45 to 8:45 a.m.—Sunset Musical Klock
8:45 to 9:45 a.m.—Program of general interest
9:45 to 10 a.m.—Housekeepers' Chat
10 to 10:30 a.m.—Studio program
12 to 12:30 p.m.—Organ concert, F. C. Feringer
12:30 to 1:30 p.m.—Shrine Club luncheon
1:30 to 2:30 p.m.—Matinee Melodies
2:30 to 4:30 p.m.—Baseball broadcast
4:30 to 5 p.m.—News items; weather forecast
5 to 6 p.m.—Service Hour
6 to 7 p.m.—Dinner hour concert
7 to 7:30 p.m.—State Highway Patrol program
7:30 to 7:50 p.m.—Madge Baldwin, This and That
7:50 to 8:30 p.m.—Studio program
8:30 to 9 p.m.—Pacific Trade program
9 to 9:15 p.m.—Amos 'n' Andy
9:15 to 10 p.m.—Music of the Masters
10 to 12 p.m.—Cole McElroy's dance band

285.5 Meters **KNX** **Channel 105**
1050 Kcys. **5000 Watts**

L. A. Evening Express, Los Angeles, Calif.
6:45 to 8 a.m.—Health exercises
8 a.m.—Inspirational talk and prayer
9 to 9:30 a.m.—Musical program
9:30 to 10 a.m.—Radio shopping news
10 a.m.—Town Crier of the Day
10:30 a.m.—Kate Vaughn, household economics
11 to 11:30 a.m.—French lessons by Edgard Leon
12 noon to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
2:30 to 3 p.m.—Mrs. D. Hugh, "Better Speech"
3:30 p.m.—Louise Johnson, reading horoscopes
4 p.m.—Lost and found announcements
4:25 p.m.—Stock market reports
5 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—Concert orchestra; Monroe Jockers, director
7 to 8:30 p.m.—Courtesy program
8:30 to 9:30 p.m.—Calmon Luboviski, violinist; Claire Mellonino, pianist; Walter V. Ferner, cellist
9:30 to 10 p.m.—Feature program
10 to 12 midnight—Gus Arnheim's Coconut Grove Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance hour

243.8 Meters **KYA** **Channel 123**
1230 Kcys. **1000 Watts**

Pacific Broadcasting Corp., San Francisco
7 to 8 a.m.—Vim, Vigor and Vitality, ABC
8 to 8:05 a.m.—Newscasting, ABC
8:05 to 8:15 a.m.—Anthony Euwer, ABC
8:15 to 9 a.m.—Golden Hour Orchestra, ABC
9 to 9:30 a.m.—Mary Cooke, better homes, ABC
9:30 to 9:45 a.m.—Eaton and Robillard, ABC
9:45 to 10 a.m.—Devotional service, ABC
10 to 11 a.m.—KYA Trio
11 to 12 noon—California Sunshine Hour
12 to 12:15 p.m.—News items
12:15 to 12:30 p.m.—Funniest Things Novelties
12:30 to 1:20 p.m.—Pacific Salon Orchestra
1:20 to 1:30 p.m.—Dr. Buren L. Corley
1:30 to 2 p.m.—Dr. Stevenson Smith, ABC
2 to 2:45 p.m.—Golden Gate Gypsies
2:45 to 5 p.m.—Baseball from Recreation Park
5 to 6 p.m.—KYA Trio
6 to 6:15 p.m.—News items from the Examiner
6:15 to 6:30 p.m.—Golden Gate Cryer
6:30 to 7 p.m.—Pacific Salon Orchestra
7 to 7:30 p.m.—Artistic Ensemble, ABC
7:30 to 7:45 p.m.—Sport interviews
7:45 to 8 p.m.—Butler Novelties
8 to 8:30 p.m.—Chronicles of Katz, ABC
8:30 to 9 p.m.—Enchanters, ABC
9 to 10 p.m.—American Opera Co., ABC
10 to 10:30 p.m.—Night Club skit, ABC
10:30 to 10:45 p.m.—Novelty piano duo, ABC
10:45 to 11 p.m.—Saxophone sextet, ABC
11 to 12 midnight—Vic Meyers, ABC

322.4 Meters **KFWI** **Channel 93**
930 Kcys. **500 Watts**

Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Health exercises, Cal King
10 to 10:30 a.m.—Charlie Glenn, songs
10:30 to 11 a.m.—Studio program
12 to 1 p.m.—Hooligans' luncheon program
1 to 1:30 p.m.—Cal King's Country Store
6 to 6:55 p.m.—Dinner hour program
6:55 to 7 p.m.—Police reports of missing people
8:30 to 9 p.m.—Studio program

333.1 Meters **KHJ** **Channel 90**
900 Kcys. **1000 Watts**

Don Lee, Inc., Los Angeles, California
7:30 to 8 a.m.—Physical culture period
8 to 9 a.m.—"Early Birds"
9 to 9:30 a.m.—"Dip-It" and "Thing" program
9:30 to 9:55 a.m.—Late recordings
9:55 to 10:15 a.m.—U. S. C. Chapel period
10:15 to 11:15 a.m.—Agnes White, At Our House
11:15 to 11:30 a.m.—Recordings
11:30 to 12 noon—Two Starving Song Writers
12 to 12:30 p.m.—Biltmore Hotel Concert Orch.
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:30 p.m.—KHJ Dance Band
1:30 to 2 p.m.—Charlie Wellman's requests
2 to 2:30 p.m.—H. M. Robertson, the Dog Man
2:30 to 3 p.m.—Dorothy E. Cole, This and That
3 to 4 p.m.—Matinee Melody Masters
4 to 4:30 p.m.—Health talk, Dr. Lovell
4:30 to 4:45 p.m.—Police Com. W. G. Thorpe
4:45 to 6 p.m.—Studio program
5 to 6 p.m.—KHJ Quintet
6 to 6:45 p.m.—Orchestra and singers from KFRC
6:45 to 7 p.m.—World-wide news
7 to 7:30 p.m.—Inglewood Park program
7:30 to 8 p.m.—Wailles-Smith Co. program
8 to 9 p.m.—Desmond's light opera hour
9 to 10 p.m.—Elvia Allman's Surprise Package
10 to 12 midnight—Biltmore Hotel Dance Orch.
12 to 1 a.m.—Organ and instrumental trio

THURSDAY Programs

325.9 Meters **KOMO** **Channel 92**
920 Kcys. **1000 Watts**

Fisher's Blend Station, Seattle, Washington

- 7:55 a.m.—Inspirational services
- 8 a.m.—Shell Happy Time
- 9 a.m.—Fifth Avenue Theatre organ
- 10 a.m.—Y. M. C. A. health exercises
- 10:15 a.m.—What to Prepare for Dinner
- 10:30 a.m.—Woman's Magazine of the Air, NBC
- 11 a.m.—Theatre organ recital
- 11:30 a.m.—Standard School broadcast, NBC
- 12 noon—Farm flashes, grain reports
- 12:15 p.m.—Fred Lynch, tenor; concert orch.
- 12:45 p.m.—Constance Cook, recipes
- 1:15 p.m.—Orchestra with the Harmonists
- 2:30 p.m.—Orchestra; Rhena Marshall and Jimmie Riddel, duets
- 3 p.m.—The Wanderers, NBC
- 4 p.m.—Mining stocks
- 4:10 p.m.—Concert orchestra with Fred Lynch, tenor
- 4:55 p.m.—"Something About Everything"
- 5 p.m.—Kiddies' program
- 5:30 p.m.—Stock and bond quotations
- 5:45 p.m.—News flashes and sports
- 6 p.m.—Seiberling program, NBC
- 6:30 p.m.—Orchestra with James Harvey, tenor
- 7 p.m.—Halsey Stuart program, NBC
- 7:30 p.m.—Standard Symphony Hour, NBC
- 8:30 p.m.—Crescent Old-time Band and singer
- 9:30 p.m.—Novelty trio with Rhena Marshall and James Harvey, solos
- 10 p.m.—Associated Brass Band
- 11 p.m.—Alaska school program
- 11:15 p.m.—News flashes
- 11:30 to 12:30 a.m.—Gyrators with Harmonists

239.9 Meters **KFOX** **Channel 125**
1250 Kcys. **1000 Watts**

Nichols & Warinner, Long Beach, Calif.

- 8 to 8:15 a.m.—Tadpole, the Buttercream Boy
- 8:15 to 8:45 a.m.—Bright and Early Hour
- 8:45 to 9:20 a.m.—Novelty program
- 9:20 to 9:30 a.m.—Organ recital
- 9:30 to 10:30 a.m.—Musical program
- 10:30 to 10:50 a.m.—Popular dance music
- 10:50 to 11 a.m.—"Clarence"
- 11 to 11:10 a.m.—Mae Day, beauty talk
- 11:10 to 12 noon—Recordings, news
- 12 to 12:30 p.m.—Gene and Bill
- 12:30 to 1 p.m.—Foster Rucker, baritone; Louise Church, pianist
- 1 to 1:15 p.m.—Health and Efficiency
- 1:15 to 2 p.m.—Heini Dorner, Ted Nedrow and Boris Dolan
- 2 to 2:30 p.m.—Health talk, music
- 2:30 to 4 p.m.—Long Beach Municipal Band
- 4 to 4:30 p.m.—Musical program, news
- 4:30 to 5 p.m.—Old-time dance music
- 5 to 5:30 p.m.—Futuristic Trio
- 5:30 to 6 p.m.—Maud Irvine, soprano; Louise Church, pianist
- 6 to 6:05 p.m.—Lost and Found Dept.
- 6:05 to 6:30 p.m.—Tavern Orchestra
- 6:30 to 7 p.m.—Motor Tires Quartet
- 7 to 7:30 p.m.—Sunset Harmony Boys
- 7:30 to 8 p.m.—Imperial Trio
- 8 to 8:30 p.m.—Sam and Sambo
- 8:30 to 9 p.m.—Long Beach Municipal Band
- 9 to 10 p.m.—Hancock Golden Trails Hour
- 10 to 11 p.m.—Classical Hour
- 11 to 12 midnight—Cheese and Crackers Club

468.5 Meters
640 Kcys.

KFI

Channel 64
5000 Watts

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- 8 a.m.—Shell Happy Time from KPO
- 9 a.m.—Musical program by Sylvia
- 10 a.m.—Sylvia's Happy Hour
- 10:30 a.m.—"Woman's Magazine of the Air"
- 11:30 a.m.—Standard Oil Co. program, NBC
- 12 noon—Dept. of Agriculture talks
- 12:15 p.m.—Federal and state market reports
- 12:30 p.m.—Harry Coleman, finger print expert
- 2 p.m.—Leon Archer, Eddie Marble
- 2:30 p.m.—Helen White, Aaron Gonzales, pianist
- 3 p.m.—Alma and Adele Howell
- 3:30 p.m.—Betty Thompson, contralto and pianist
- 4 p.m.—A. Melvern Christie
- 4:30 p.m.—Kay Phillips
- 4:45 p.m.—Dr. H. Edward Myers
- 5 p.m.—Big Brother
- 5:30 p.m.—Newscasting
- 5:45 p.m.—Dena Jacobson Brilliant, Attorney
- 6 p.m.—Seiberling program, NBC
- 6:30 p.m.—Studio program
- 7 p.m.—Halsey Stuart program, NBC
- 7:30 p.m.—Standard Symphony, NBC
- 8:30 p.m.—North American Bldg. & Loan program
- 9:30 p.m.—Concert orchestra, Pryor Moore, dir.
- 10 to 11 p.m.—Dance music program, NBC

296.6 Meters
1010 Kcys.

KQW

Channel 101
500 Watts

First Baptist Church, San Jose, California

- 10 to 11 a.m.—Helpful Hour
- 11 to 12 noon—Monterey Peninsula program
- 12 to 12:20 p.m.—Musical program
- 12:20 to 12:30 p.m.—Farm flashes
- 12:30 to 1 p.m.—Market reports and weather
- 1 to 1:30 p.m.—Hart's Happy Half Hour
- 1:30 to 2:30 p.m.—The Friendly Hour
- 2:30 to 3:30 p.m.—Musical program
- 3:30 to 3:45 p.m.—Fanchon's Style Chat
- 3:45 to 4:15 p.m.—Thirty Minutes with W. K.
- 4:30 to 5 p.m.—Children's program
- 5 to 5:15 p.m.—Studio program
- 5:15 to 5:30 p.m.—Franco's program
- 5:30 to 5:45 p.m.—Chas. C. Navlet Co. program
- 5:45 to 6 p.m.—Farm forum and special releases
- 6 to 6:20 p.m.—Crop digest
- 6:20 to 6:25 p.m.—Commercial announcements
- 6:25 to 6:50 p.m.—Crop reports and weather
- 6:50 to 7 p.m.—Farmers' Exchange
- 7 to 8 p.m.—Farm Bureau Evening News
- 8 to 9:30 p.m.—Songs of the Old Church Choir

319 Meters
940 Kcys.

KOIN

Channel 94
1000 Watts

KOIN, Inc., Portland, Oregon

- 9:40 to 10 a.m.—Housekeepers' chat
- 10 to 11:15 a.m.—Shoppers' guide
- 11:45 to 12 noon—Louise Palmer Weber, dietitian
- 12 to 1 p.m.—Luncheon concert
- 1 to 1:30 p.m.—Billy's Hawaiians
- 1:30 to 2 p.m.—Farm program
- 2:30 to 4 p.m.—News items and music
- 4 to 5 p.m.—Orchestra
- 5 to 5:15 p.m.—Novelty program
- 5:15 to 6 p.m.—Topsy Turvy Times Club
- 6 to 7 p.m.—Dinner concert
- 7 to 7:30 p.m.—The Benson Hotel orchestra
- 7:30 to 8 p.m.—Arch Electric Co.
- 8 to 8:30 p.m.—Webber's string orchestra
- 8:30 to 9 p.m.—Studio program
- 9 to 9:30 p.m.—Dream House program
- 9:30 to 10:30 p.m.—Olson hour, soloists' program
- 10:30 to 12 midnight—Dance frolic

FRIDAY Programs

April 19, 1929



Joan Ray
KTAB—10 p.m.



Sydney Dixon
ABC—5 p.m.



Charlie Wellman
KHJ—1:30 p.m.



Glenn Edmunds
KFI—5:30 p.m.

379.5 Meters
790 Kcys.

KGO

Channel 79
10,000 Watts

General Electric Co., Oakland, California

9:30 to 10:30 a.m.—California Home Life
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC

11:30 to 11:45 a.m.—Antrol Laboratories program, NBC

11:45 to 12 noon—Elner Martin, Home Economics

12 to 1 p.m.—Rembrandt Trio

1 to 2 p.m.—Pacific Little Symphony, NBC

2 p.m.—S. F. and N. Y. stocks

5 to 5:15 p.m.—Da-Ra-O, the wise man from the Land o' Health

5:15 to 5:30 p.m.—"Something to Think About"
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce; news

6 to 6:30 p.m.—Wrigley Review, NBC

6:30 to 7 p.m.—The Olympians

7 to 7:30 p.m.—Hudson-Essex Challengers, NBC

7:30 to 8 p.m.—A Half With the Senate, NBC

8 to 9 p.m.—RCA Hour, NBC

9 to 9:30 p.m.—Borden Farm program, NBC

9:30 to 10 p.m.—Studio concert

10 to 11 p.m.—Western Artist Series concert;

Eva Gruninger Atkinson, contralto; Annie Louise David, American harpist—Harp solos, Menuet, Valse, Bourree; contralto solos, Standchen, Ave Maria; harp solos, Serenata, To a Wild Rose; contralto solos, Apres un Reve, Am Meer; Harp solo, Prelude; contralto solos, Rosary, Si vous la vie compris; Wings of Night; harp solos, La fille aux cheveux de lin, Au Matin; contralto solos, Brama, Marie Antoinette

11 to 12 midnight—Burt King's Hotel Claremont Orchestra (Berkeley)

265.3 Meters
1130 Kcys.

KSL

Channel 113
5000 Watts

Radio Service Corp., Salt Lake City, Utah

6 p.m.—Wrigley Review, NBC

6:30 p.m.—Philco Radio, NBC

7 p.m.—Hudson-Essex Challengers, NBC

7:30 p.m.—A Half Hour with the Senate, NBC

8 p.m.—Popular concert orchestra and featured soloists

9 p.m.—Borden Farm program, NBC

9:30 p.m.—Variety program

10 p.m.—The Trocaderans, NBC

491.5 Meters
610 Kcys.

KFRC

Channel 61
1000 Watts

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—"Simpv Fitts"

8 to 9 a.m.—Musical record program

9 to 9:30 a.m.—Georgia O. George

10 to 11 a.m.—Wyn's daily chats

11 to 11:30 a.m.—"Hints to Home Makers"

11:30 to 12 noon—Amateur auditions

12 to 1 p.m.—Sherman, Clay noonday concert

1 to 1:30 p.m.—Ada Day beauty talk

1:30 to 2:30 p.m.—Musical record program

3:30 to 3:35 p.m.—Something about everything

3:35 to 4 p.m.—News and lost and found

4 to 4:55 p.m.—Matinee Melody Masters

4:55 to 5 p.m.—Town topics

5 to 5:30 p.m.—Mac and his gang

5:30 to 6 p.m.—Emporium children's hour

6 to 6:30 p.m.—Jo Mendel's Pep Band

6:30 to 7 p.m.—Pat Frayne, sports

7 to 7:30 p.m.—String quartette and soloists

7:30 to 7:55 p.m.—Anna Kristina program

7:55 to 8 p.m.—Weather Bureau bulletin

8 to 8:30 p.m.—Stanley's Twenty-five Club

8:30 to 9 p.m.—Tales from an antique shop

9 to 10 p.m.—Concert orchestra and soloists

10 to 10:10 p.m.—Amos 'n' Andy

10:10 to 11:10 p.m.—Anson Weeks' orchestra

11:10 to 12:10 a.m.—Tom Gerunovich and his orchestra

319 Meters
940 Kcys.

KOIN

Channel 94
1000 Watts

KOIN, Inc., Portland, Oregon

9:40 to 10 a.m.—Housekeepers' chat

10 to 11:45 a.m.—Shoppers' guide

11:45 to 12 noon—Louise Palmer Weber, dietitian

12 to 1 p.m.—Luncheon concert

1 to 1:30 p.m.—Billy's Hawaiians

1:30 to 2 p.m.—Farm program

2:30 to 4 p.m.—News items and music

4 to 5 p.m.—Orchestra

5 to 5:15 p.m.—Novelty program

5:15 to 6 p.m.—Topsy Turvy Times Club

6 to 7 p.m.—Dinner concert

7 to 7:30 p.m.—Benson Hotel orchestra

7:30 to 8 p.m.—Acme Art Engravers' program

8 to 9 p.m.—Congregation Beth Israel services

9 to 9:30 p.m.—Dream House program

9:30 to 10 p.m.—Vocal program

10 to 11:30 p.m.—McElroy's Oregonians

FRIDAY Programs

NBC

National Broadcasting Company

10:30 to 11:30 a.m.—"Woman's Magazine of the Air"

Benefits to children of cheese, and tempting frozen desserts will be treated by Ann Holden this morning.

Vitamin and calcium content of cheese are credited with giving the adolescent proper nourishment, Miss Holden joints out. She will describe the physical reactions during her Kraft feature. Spring's arrival has prompted the attention to fruit desserts and frozen dainties which she will discuss in her Alpine talk.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

11:30 to 11:45 a.m.—Antrol program

Henry Starr will be heard this morning. "Hot Spot," to use Henry's professional cognomen, has prepared some new numbers for the fifteen-minute pianologie in which he sings and gives the housewife interesting bits of information.

Broadcast through KGO, KPO and KFI.

1 to 2 p.m.—Pacific Little Symphony

Twelve composers whose names are known throughout the world are represented by the dozen selections which will be interpreted by the Pacific Little Symphony this afternoon.

Broadcast through KOMO and KGO.

5 to 5:15 p.m.—Land O' Health

DA-RA-O and his friends will sail high over the Cheese Caves on their way to Cheese Caves Country Club this afternoon.

Broadcast through KHQ, KOMO, KGW and KGO.

6 to 6:30 p.m.—Wrigley Review (transcontinental)

Harold Sanford and the Wrigley Orchestra will be heard tonight during the weekly Wrigley Review.

The Dalhart Trio, Edwin Ruffner, baritone; Mildred Hunt, contralto, and William Carlino, banjoist, are among the artists who are programmed for the half hour.

"Creole Belles" by Lampe will open the program with "Raggin' the Scale," a xylophone solo by Dave Grupp following.

Among other numbers the trio will present "Eleven Cent Cotton," while Miss Hunt will sing "Lover Come Back to Me" from "New Moon."

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

7 to 7:30 p.m.—Hudson-Essex Challengers (transcontinental)

A thirty-minute musical program will be broadcast by the Hudson-Essex Challengers through KHQ, KOMO, KGW, KGO, KPO and KFI.

7:30 to 8 p.m.—A Half Hour With the Senate (transcontinental)

Hon. William D. Mitchell, Attorney General of the United States, and Senator Laurence D. Whipp, a Colorado Republican, will be the speakers.

Attorney-General Mitchell is the third member of President Hoover's cabinet to talk be-

fore the microphone on these weekly programs, originating at Washington, D. C. He will explain the functions of his department. Boulder Dam will be Senator Whipp's subject.

Broadcast through KHQ, KOMO, KGW, KGO and KPO.

8 to 9 p.m.—RCA Hour

Choosing "Astronomy" for his topic, Henry M. Hyde of the Astronomical Society of the Pacific will present another of his educational lectures.

The greater part of the one hour program will comprise musical offerings by Margaret O'Dea, contralto; Edward Randall, baritone, and the RCA Orchestra, conducted by Max Dolin.

Details follow:

World of Music and Letters:
Orchestra—Slavonic Dance No. 1.....Dvorak
Contralto solo—Irish Love Song.....Lang
Orchestra—From the South: A Legend of
La Provence.....Nicode
Orchestra—Overture, "Mireille".....Gounod
World of Knowledge:
Baritone solo—Sebben Crudele.....Caldera
Lecture—By special arrangement of the
Radio Corporation of America with the
California State Board of Education,
Department of Adult Education; subject,
Astronomy; speaker, Henry M. Hyde,
Astronomical Society of the Pacific.
Orchestra—Gitanela, "Sous Les Etoiles"

.....Lacome
Contralto solo—Lullaby.....Brahms

World of Music and History:
Orchestra—Overture, "Ruy Blas".....Mendelssohn
Baritone solo—A Brown Bird Singing.....Wood
Orchestra—Minuet in G.....Beethoven
Orchestra—Rakoczy March.....Liszt
Broadcast through KHQ, KOMO, KGW,
KGO, KPO and KFI.

9 to 9:30 p.m.—Borden Farm program

Competition has entered keenly into the triangle-romance of Esmeralda, the cook, and Silas and Charley. Esmeralda's dilemma becomes even greater with tonight's program, furnishing an interesting situation for the followers of the Borden half hour. Appropriate music will be presented by the farm folk.

Broadcast through KHQ, KOMO, KGW, KGO, KPO, KFI, KSL and KOA.

9:30 to 10 p.m.—Footlights

Gwynn Jones, tenor, and Gail Taylor, soprano, are the assisting artists during the "Footlights" program. Charles Hart directs the orchestra.

The complete program follows:

Orchestra—Old Heidelberg
Orchestra—Selections, "The Runaways"
Orchestra and tenor—Eileen, Alanna Astore,
"Eileen"
Orchestra and soprano—Till the Clouds Roll
By, "Oh, Boy"
Orchestra—Selections, "The French Doll"
Orchestra, tenor and soprano—The Love Nest,
"Mary"
Orchestra and tenor—"Sally, Won't You Come
Back," "Follies 1920"
Orchestra and soprano—Baby, "Castles in the
Air"
Orchestra, tenor and soprano—Selections,
"Whoopie"

Broadcast through KOMO and KGW.

10 to 12 midnight—Dance music by the Trocaderoans will be broadcast from 10 to 11 o'clock through KFI, KSL and KOA, and from 11 to 12 o'clock through KGO and KPO.

FRIDAY Programs

325.9 Meters **KOMO** **Channel 92**
920 Kcys. **1000 Watts**

Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9 a.m.—Gyrators
10 a.m.—Y. M. C. A. health exercises
10:15 a.m.—Prudence Penny
10:30 a.m.—Woman's Magazine of the Air, NBC
11:10 a.m.—Concert trio; Rhena Marshall, soprano
12 noon—Radio visits, grain reports
12:30 p.m.—Joy Boys
12:45 p.m.—Constance Cook, recipes
1 p.m.—Pacific Little Symphony, NBC
2 p.m.—Gyrators with Fred Lynch, Rhena Marshall
3:15 p.m.—Novelty trio with Joy Boys
4 p.m.—Mining stock quotations
4:10 p.m.—Concert quintet with Fred Lynch
5 p.m.—Land of Health, NBC
5:15 p.m.—Nip and Tuck
5:30 p.m.—Stock and bond quotations
5:45 p.m.—News flashes and sports
6 p.m.—Wrigley Review, NBC
7 p.m.—Hudson-Essex Challengers, NBC
7:30 p.m.—Half hour with the Senate, NBC
8 p.m.—RCA Hour, NBC
9 p.m.—Borden Farm program, NBC
9:30 p.m.—Footlights, NBC
10 p.m.—Evensong
10:30 p.m.—Orchestra, with Fred Lynch, tenor
11:30 p.m.—Mixed quartet
12 midnight—Late news flashes
12:15 to 12:30 a.m.—Agnis Skartvedt, contralto, and James Harvey, tenor

508.2 Meters **KHQ** **Channel 59**
590 Kcys. **1000 Watts**

Louis Wasmer, Inc., Spokane, Washington

6:45 to 7 p.m.—Inspirational services
7 to 7:30 a.m.—Sunrise Pep period
7:30 to 8 a.m.—Myrrhol Musical Klock
8 to 9 a.m.—Shell Happy Time
9 to 9:30 a.m.—The Chocolate Girl
9:30 to 10 a.m.—Household Service
10 to 10:30 a.m.—Home hints, recipes, etc.
10:30 to 11 a.m.—Woman's Magazine of the Air, NBC
11 to 12 noon—Farmers' Service Hour
12 to 12:30 p.m.—Valvoline
12:30 to 1 p.m.—Steini's information
1 to 1:30 p.m.—Miss Modern
1:30 to 2 p.m.—Fur Facts
2 to 3 p.m.—Gems from Sartori
3 to 3:30 p.m.—Bailey's concert
3:30 to 4 p.m.—Musical programs
4 to 4:30 p.m.—"Paint o' Mine" period
4:30 to 4:45 p.m.—Empire Home Hints
4:45 to 5 p.m.—Jones' Happy Time
5 to 5:15 p.m.—Da-Ra-O, NBC
5:15 to 6 p.m.—Service Hour
6 to 6:30 p.m.—Wrigley Review, NBC
6:30 to 7 p.m.—Studio program
7 to 7:30 p.m.—Hudson Motor Car, NBC
7:30 to 8 p.m.—Senate program, NBC
8 to 9 p.m.—R. C. A. Hour, NBC
9 to 9:30 p.m.—Borden Farm program, NBC
9:30 to 9:45 p.m.—Tridian String Ensemble
9:45 to 10 p.m.—Alice in Lauderland
10 to 10:30 p.m.—News and sports
10:30 to 12 midnight—Dance orchestra
12 to 12:30 a.m.—Trues Oil

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**

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8 a.m.—Shell Happy Time from KPO
10 a.m.—Betty Crocker, Gold Medal talks
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Antrol Laboratories, NBC
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
12:25 p.m.—Franklin L. Graves, talk
2 p.m.—Leon Archer, William Don, comedian
3 p.m.—Dolly McDonald
4 p.m.—E. H. Rust, nurseryman
4:30 p.m.—Hugo Escobar, Spanish lesson
5 p.m.—Big Brother
5:30 p.m.—Glen Edmund and his Collegians
6 p.m.—Whigley program, NBC
6:30 p.m.—Philco program, NBC
7 p.m.—Hudson Motors program, NBC
7:30 p.m.—Vento light opera
8 p.m.—RCA Hour, NBC
9 p.m.—Borden farm program, NBC
10 to 11 p.m.—Dance music program, NBC

285.5 Meters **KNX** **Channel 105**
1050 Kcys. **5000 Watts**

L. A. Evening Express, Los Angeles, Calif.

6:45 to 8 a.m.—Health exercises.
8 a.m.—Inspirational talk and prayer
9 to 9:30 a.m.—Musical program
9:30 to 10 a.m.—Radio shopping news
10 a.m.—Town Crier of the Day
12 noon to 12:30 p.m.—Musical program
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Cortesy program
2:30 to 3 p.m.—Los Angeles District Federation of Women's Clubs
4 p.m.—Lost and found announcements
4:25 p.m.—Dr. Wesley M. Barrett
5 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—Concert orchestra; Monroe Jockers, director
7 to 7:30 p.m.—Alfonso Corelli's orchestra
8 to 9 p.m.—Royal Order of Optimistic Do-Nuts
9 to 9:45 p.m.—Lion Tamers' program
9:45 p.m.—Broadcasting the main event from the Hollywood Legion Stadium
10 to 12 midnight—Gus Arnheim's Coconut Grove Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance hour

315.6 Meters **KFWB** **Channel 95**
950 Kcys. **1000 Watts**

Warner Brothers, Hollywood, California

10 a.m.—Harmony Hour
11 a.m.—KFWB Shoppers' Directory
12:30 p.m.—Worldwide news
12:40 p.m.—Air Journal
1:30 p.m.—Housekeepers' Chat by Aunt Sammy
1:50 p.m.—Art and his banjo: old-time songs
2:15 p.m.—Coast League baseball game
4:30 p.m.—Radio Travel Tales
5:45 p.m.—Town Tattler
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—Program by the 507 Band
7:30 p.m.—Jean Leonard, Wizard of the Ivories
7:45 p.m.—Daily news items
8 p.m.—"Happy" Harry Gelse
8:30 p.m.—Don Warner's dance orchestra; Esther White and Lucky Wilber, soloists
9:30 p.m.—National Life Concert Orchestra
10 p.m.—Amos 'n' Andy
10:10 p.m.—Henry Halstead's orchestra
11:10 to 12:10 a.m.—Roy Fox' orchestra

FRIDAY Programs

340.7 Meters Channel 88
880 Kcys. KLX 500 Watts

Tribune Publishing Co., Oakland, Calif.
 7 to 8 a.m.—Exercises
 8 to 9 a.m.—Jean Kent
 9 to 9:30 a.m.—Modern Homes period
 9:30 to 9:40 a.m.—Belco talk
 9:40 to 10:15 a.m.—Recordings
 10:15 to 10:30 a.m.—Opening stocks, weather
 10:30 to 11 a.m.—Recordings
 11 to 12 noon—Classified Adv. hour
 12 to 1 p.m.—Machado's KLX Hawaiians
 1 to 2 p.m.—Jean's Hi-Lights
 2 to 2:30 p.m.—Recordings
 2:30 to 4:30 p.m.—Baseball broadcast
 4:30 to 5 p.m.—Chas. T. Besserer, organ recital
 5 to 5:30 p.m.—Brother Bob
 5:30 to 6 p.m.—Cressy Ferra, pianist
 6 p.m.—Curtain Calls
 6 to 7 p.m.—Hotel Oakland Concert Trio
 7 to 7:30 p.m.—News broadcast
 7:30 to 8 p.m.—Edna Fisher, pianist
 8 to 9 p.m.—John Wharry Lewis KLX Quintet
 9 to 9:30 p.m.—Studio program
 9:30 to 10 p.m.—Helen Wegman Parmelee, piano recital
 10 to 11 p.m.—Fleur-de-Lis Orchestra

322.4 Meters Channel 93
930 Kcys. KFWI 500 Watts
 Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises by Cal King
 9 to 9:30 a.m.—Country Store
 9:30 to 10 a.m.—Musical program
 10 to 10:30 a.m.—Charlie Glenn, songs
 10:30 to 11 a.m.—Studio program
 11 to 12 noon—Morning concert
 12 to 1 p.m.—Cal King's Country Store
 6 to 6:55 p.m.—Dinner hour program
 6:55 to 7 p.m.—Police reports of missing people
 8:30 to 9 p.m.—Hank Blank, "Pal of the Air"
 9 to 9:30 p.m.—Happy Chappies, piano and song
 9:30 to 11 p.m.—Novelty program

483.6 Meters Channel 62
620 Kcys. KGW 1000 Watts

The Morning Oregonian, Portland, Oregon
 7:15 to 7:30 a.m.—Y. M. C. A. health exercises
 7:45 to 8 a.m.—Devotional services
 8 to 9 a.m.—Shell Happy Time
 9:30 to 10:30 a.m.—The Town Crier
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 12 noon—Continuation of Town Crier
 12 to 12:30 p.m.—Luncheon concert
 2 to 2:20 p.m.—Stock market quotations
 3:30 to 4 p.m.—Studio program
 5 to 5:15 p.m.—Da-Ra-O program, NBC
 5:15 to 5:20 p.m.—Fishing bulletin
 5:20 to 6 p.m.—Concert trio
 6 to 6:30 p.m.—Wrigley Sparmen, NBC
 6:30 to 7 p.m.—Philco Hour, NBC
 7 to 7:30 p.m.—Hudson program, NBC
 7:30 to 8 p.m.—Half hour with the Senators, NBC
 8 to 9 p.m.—RCA Hour, NBC
 9 to 9:30 p.m.—Borden's farm program, NBC
 9:30 to 10 p.m.—Foo'lights, NBC
 10 to 10:15 p.m.—Oregonian news summary
 10:15 to 10:30 p.m.—Traffic talk by Capt. Frank Ervin
 10:30 to 12 midnight—Hoot Owls Frolic

239.9 Meters Channel 125
1250 Kcys. KFOX 1000 Watts

Nichols & Warinner, Long Beach, Calif.
 8 to 8:15 a.m.—Tadpole, the Buttercream Boy
 8:15 to 8:45 a.m.—Bright and Early Hour
 8:45 to 9:20 a.m.—Novelty program
 9:20 to 9:30 a.m.—Organ recital
 9:30 to 10:50 a.m.—Musical program and novelty songs
 10:50 to 11 a.m.—"Clarence"
 11 to 11:10 a.m.—May Day, beauty talk
 11:10 to 12 noon—Recordings, news
 12 to 12:30 p.m.—Gene and Bill
 12:30 to 1 p.m.—Louise Church, pianist, and Maud Irvine, soprano
 1 to 1:30 p.m.—Masonic luncheon
 1:30 to 2 p.m.—Doris Dolan, pianist; Eva Bal-four, blues singer
 2 to 2:30 p.m.—Health talk, music
 2:30 to 4 p.m.—Long Beach Municipal Band
 4 to 4:30 p.m.—Musical program, news
 4:30 to 5 p.m.—Sharkey's Cafe Orchestra
 5 to 5:30 p.m.—Futuristic Trio
 5:30 to 6 p.m.—Entertainers from Bear Cafe
 6 to 6:05 p.m.—Lost and Found Dept.
 6:05 to 6:30 p.m.—Tavern Orchestra
 6:30 to 7 p.m.—Motor Tires Quartet
 7 to 7:30 p.m.—Em and Clem
 7:30 to 8 p.m.—Sunset Harmony Boys
 8 to 9 p.m.—Long Beach Bootery Hour
 9 to 10 p.m.—Hancock Orchestra and Eva Bal-four
 10 to 11 p.m.—Classical program
 11 to 12 midnight—Cheese and Crackers Club

236.1 Meters Channel 127
1270 Kcys. KOL 1000 Watts
 Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset Musical Klock
 8:45 to 9:45 a.m.—Program of general interest
 9:45 to 10 a.m.—Housekeepers' Chat
 10 to 11:30 a.m.—Popular recordings
 11:30 to 12 noon—Sweet Sixteen Time
 12 to 1:30 p.m.—Chamber of Commerce luncheon
 1:30 to 2:30 p.m.—Matinee Melodies
 2:30 to 4:30 p.m.—Baseball broadcast
 4:30 to 5 p.m.—News items, weather forecast
 5 to 6 p.m.—Service Hour
 6 to 7 p.m.—Dinner hour concert
 7 to 7:30 p.m.—Ken Stuart's half hour
 7:30 to 7:50 p.m.—Madge Baldwin, This and That
 7:50 to 8:30 p.m.—Old-time music
 8:30 to 9 p.m.—Pacific Trade program
 9 to 9:15 p.m.—Amos 'n' Andy
 9:15 to 10:15 p.m.—Hotel Butler Indians
 10:15 to 11:15 p.m.—Studio program
 11:15 to 1 a.m.—Tucker's Everstate Band

230.6 Meters Channel 130
1300 Kcys. KTBI 1000 Watts
 Bible Institute of Los Angeles, California

8 to 8:15 a.m.—Uncle Harry's Bible story
 8:15 to 8:45 a.m.—Devotional service
 8:45 to 9:15 a.m.—Announcer's Hour
 9:15 to 9:45 a.m.—Radio Bible course
 9:45 to 10:35 a.m.—New Testament word studies
 10:35 to 11:30 a.m.—Old Testament Prophets
 11:30 to 12 noon—Melba Sawyers, pianist
 12 to 12:15 p.m.—Chimes and Scripture reading
 1 to 1:30 p.m.—Hazel Shively and Idell Moye
 1:30 to 2 p.m.—Rev. W. P. Reedy
 2 to 2:30 p.m.—Rev. E. M. Stuart
 7 to 8 p.m.—Sunday-school lesson
 8 to 9 p.m.—Evening school lecture
 9 to 10 p.m.—Studio musical hour

SATURDAY Programs

April 20, 1929



Leigh Harline
KFRC—10 a.m.



Rembrandt Trio
KGO—11:30 a.m.



Florence Waterhouse
KHQ—Violinist

379.5 Meters
790 Kcys.

KGO

Channel 79
10,000 Watts

General Electric Co., Oakland, California

- 9:30 to 10:30 a.m.—California Home Life
11:30 to 1 p.m.—Rembrandt Trio
4 to 4:30 p.m.—National Safety Council program, NBC
4:30 to 5 p.m.—“Bringing Light to the Un-seeing,” Kate Foley, State Home Teacher for the Blind
5 to 5:30 p.m.—Organ recital, Lew White, NBC
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce; news
6 to 7 p.m.—General Electric program, NBC
7 to 8 p.m.—Lucky Strike Hour, NBC
8 to 8:30 p.m.—The Singing Peaches, NBC
8:30 to 8:45 p.m.—Weekly sport review, Al Santoro
8:45 to 9 p.m.—Olivia Robins Dunn, popular pianist
9 to 10 p.m.—Golden Legends, NBC
10 to 11 p.m.—“School Days,” NBC
11 to 12 midnight—“Let’s Dance,” NBC

468.5 Meters
640 Kcys.

KFI

Channel 64
5000 Watts

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- 8 a.m.—Shell Happy Time from KPO
9 a.m.—Musical program by Sylvia
9:30 a.m.—Sylvia’s Happy Hour
10:30 a.m.—French lesson by Annette Doherty
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
12:30 p.m.—Paris Inn Cafe Orchestra
1:30 p.m.—Dicky Thomas, acc. Berta Hill
2 p.m.—Ruth Haddock, contralto
3:30 p.m.—Glen Edmund and his Collegians
4 p.m.—Universal Safety Series, NBC
4:30 p.m.—Opal Snow, ballads; Leon Archer, accompanist
5 p.m.—Lew White, organ recital, NBC
5:30 p.m.—Mildred Hunt with dance band, NBC
6 p.m.—General Electric program, NBC
7 p.m.—Lucky Strike Hour, NBC
8 p.m.—Variety Hour
9 p.m.—Concert orchestra, Pryor Moore, dir.; Everton Stidham, baritone
10 p.m.—KFI Symphonette
11 to 2 a.m.—KFI Midnight Frolic

440.9 Meters
680 Kcys.

KPO

Channel 68
5000 Watts

Hale Bros. & The Chronicle, San Francisco

- 6:45 to 8 a.m.—Health exercises by Hugh Barrett Dobbs, assisted by William H. Hancock
8 to 9 a.m.—Shell Happy Time by Hugh Barrett Dobbs and Will Hancock with Cy Trobbe’s orchestra and Ed Randall, baritone
9:30 to 10 a.m.—Dobbsie’s Daily Chat, with Art Fadden, pianist
10 to 10:10 a.m.—Annabelle Lee
11:30 to 12 noon—Ye Towne Cryer
12 to 12:10 p.m.—Scripture reading; announcements
12:10 to 12:55 p.m.—Aeolian Trio
12:55 p.m.—Stock market quotations
1 to 1:30 p.m.—Jerry Jermaine for Hale’s
1:30 to 2 p.m.—Anne Warner’s Home Chats
2 to 2:45 p.m.—Secrets for Women Only
2:45 p.m.—Baseball broadcast by Don Thompson
4:50 p.m.—Stock market quotations
5 to 6 p.m.—Big Brother, Paul Pitman
6 to 7 p.m.—General Electric, NBC
7 to 8 p.m.—Lucky Strike Hour, NBC
8 to 8:30 p.m.—Singing Peaches, NBC
8:30 to 9 p.m.—Studio program
9 to 10 p.m.—Jesse Stafford’s Palace Hotel Dance Orchestra
10 to 12 midnight—The Trocaderans, NBC

545.1 Meters
550 Kcys.

KTAB

Channel 55
500 Watts

Pickwick Broadcasting Co., Oakland, Calif.

- 11 to 12 noon—Studio program
12 to 1 a.m.—George Otto’s Hawaiians
1 to 1:30 p.m.—Studio recital
1:30 to 3 p.m.—Studio and recordings
3 to 3:30 p.m.—Taylor, Moran and Dorman
3:30 to 4 p.m.—Recordings
4 to 5 p.m.—Amusette Quintet
5 to 6 p.m.—Brother Bob’s Frolic
6 to 6:30 p.m.—Studio program
6:30 to 7 p.m.—Twilight Hour
7 to 8 p.m.—States Hof Brau Orchestra
8 to 9 p.m.—Artists’ Revue
9 to 10 p.m.—Orchestra; Joan Ray, Teresta Castello
10 to 11 p.m.—Pickwick Versatilians
11 to 1:30 a.m.—Night Owls

SATURDAY Programs

243.8 Meters **KYA** **Channel 123**
1230 Kcys. **1000 Watts**

Pacific Broadcasting Corp., San Francisco
 7 to 8 a.m.—Vim, Vigor and Vitality, ABC
 8 to 8:05 a.m.—Newscasting, ABC
 8:05 to 8:15 a.m.—Anthony Euwer, ABC
 8:15 to 9 a.m.—Golden Hour Orchestra, ABC
 9 to 9:30 a.m.—Mary Cooke, better homes, ABC
 9:30 to 9:45 a.m.—Eaton and Robillard, ABC
 9:45 to 10 a.m.—Devotional service, ABC
 10 to 10:30 a.m.—KYA Trio
 10:30 to 10:40 a.m.—Dr. Buren L. Corley
 10:40 to 11 a.m.—KYA Trio
 11 to 12 noon—California Sunshine Hour
 12 to 12:15 p.m.—News items
 12:15 to 12:30 p.m.—Funniest Things Novelties
 12:30 to 1:45 p.m.—Pacific Salon Orchestra
 1:45 to 2:45 p.m.—Golden Gate Gypsies
 2:45 to 5 p.m.—Baseball from Recreation Park
 5 to 6 p.m.—KYA Trio
 6 to 6:15 p.m.—News items
 6:15 to 6:30 p.m.—Golden Gate Cryer
 6:30 to 7 p.m.—Golden Gate Gypsies
 7 to 8 p.m.—National Forum, CBS
 8 to 8:30 p.m.—Pacific Salon Orchestra
 8:30 to 9 p.m.—Reverie Hour, ABC
 9 to 9:30 p.m.—Cities of the Pacific Coast program, ABC
 9:30 to 10 p.m.—Charmed Land Singers, ABC
 10 to 12 midnight—Vic Meyers' orchestra, ABC

333.1 Meters **KHJ** **Channel 90**
900 Kcys. **1000 Watts**

Don Lee, Inc., Los Angeles, California
 7:30 to 8 a.m.—Physical culture period
 8 to 9 a.m.—"Early Birds"
 12 to 12:30 p.m.—Biltmore Hotel Concert Orch.
 12:30 to 12:45 p.m.—World-wide news
 12:45 to 1:30 p.m.—KHJ Dance Band
 1:30 to 2 p.m.—Charlie Wellman's requests
 2 to 3 p.m.—KHJ soloists
 3 to 4 p.m.—"Chasin' the Blues"
 4 to 4:15 p.m.—Walter Murray, talk on books
 4:15 to 4:30 p.m.—Recordings
 4:30 to 5 p.m.—L. A. Playground Dept.
 5 to 6 p.m.—KHJ Quintet
 6 to 6:45 p.m.—Organ recital
 6:45 to 7 p.m.—World-wide news
 7 to 7:30 p.m.—KHJ Concert Orchestra
 7:30 to 8:30 p.m.—Continuity program
 8:30 to 9 p.m.—Don Lee Symphony Orchestra
 9 to 10 p.m.—Don Wilson's "Varieties"
 10 to 12 midnight—Biltmore Hotel Dance Orch.
 12 to 1 a.m.—Organ and instrumental trio

265.3 Meters **KSL** **Channel 113**
1130 Kcys. **5000 Watts**

Radio Service Corp., Salt Lake City, Utah
 4:45 p.m.—What the Department of Commerce is Doing
 5 p.m.—Lew White, organist, NBC
 5:30 p.m.—Mildred Hunt with dance band, NBC
 6 p.m.—Damrosch National Symphony Orchestra, NBC
 7 p.m.—Lucky Strike Dance Orchestra, NBC
 8 p.m.—Brimley Brothers Quartet
 8:30 p.m.—The Evans Sisters Trio
 9 p.m.—Variety group
 9:30 p.m.—Opportunity Hour, amateur night
 10 p.m.—Dance music from the Odeon
 11 p.m.—KSL Coyote Club, "It's Our Night to Howl!"

ABC

American Broadcasting Company

7 to 8 a.m.—Vim, Vigor and Vitality, KJR, KGA, KEX, KYA, KMTR
 8 to 9 a.m.—Anthony Euwer and Golden Hour Orchestra, KJR, KGA, KEX, KYA, KDYL, KLZ
 9 to 9:30 a.m.—Mary Cooke, Better Homes program, KJR, KGA, KEX, KYA, KDYL, KLZ
 9:30 to 9:45 a.m.—Glenn Eaton and Marjorie Robillard, KJR, KGA, KEX, KYA, KDYL, KLZ
 9:45 to 10 a.m.—Morning devotional service, KJR, KGA, KEX, KYA, KDYL, KLZ
 11 to 12 noon—American Reveillers, KJR, KGA, KEX, KDYL, KLZ
 12 to 12:15 p.m.—Late news events, KJR, KGA, KLZ, KDYL
 12:15 to 12:30 p.m.—Glenn Eaton and Marjorie Robillard, Murray and Harris, KJR, KGA, KEX, KDYL, KLZ
 12:30 to 1:30 p.m.—American Salon Orchestra, Francesco Longo, director, KJR, KGA, KEX, KDYL, KLZ
 1:30 to 2 p.m.—Song recital, G. Donald Gray and Sydney Dixon, KJR, KGA, KEX, KLZ, KDYL
 2 to 3 p.m.—American Artistic Ensemble; soloists, Vance Gerber and Hayden Morris, KJR, KGA, KEX, KLZ, KDYL
 3 to 4 p.m.—American Salon Orchestra, Francesco Longo, director; soloists, Agatha Turley and G. Donald Gray, KJR, KEX, KGA, KLZ, KDYL
 4 to 5 p.m.—"The Melodians," with Burton W. James, KJR, KGA, KEX, KDYL, KLZ
 5 to 6 p.m.—Vic Meyers' orchestra, KJR, KGA, KEX, KMTR, KDYL, KLZ
 6 to 7 p.m.—American Artistic Ensemble; soloists, Dorothy Lewis and Sydney Dixon, KJR, KGA, KEX, KEX to 6:30 only
 7 to 8 p.m.—National Forum, Sec'y Ray Lyman Wilbur of the Dept. of Interior and Sec'y of Agriculture Arthur M. Hyde, CBS from Washington, D. C., KJR, KGA, KYA, KLZ, KMTR, KDYL
 8 to 8:30 p.m.—The Wandering Minstrels, KJR, KGA, KEX
 8:30 to 9 p.m.—Reverie Hour, melodies and memories, vocal quartet and full orchestral accompaniment, KJR, KGA, KEX, KYA, KMTR
 9 to 9:30 p.m.—Cities of the Pacific Coast program, KJR, KGA, KEX, KYA, KMTR
 9:30 to 10 p.m.—Charmed Land male singers, KJR, KGA, KYA, KEX, KMTR
 10 to 12 midnight—Vic Meyers' orchestra, KJR, KGA, KEX, KYA, KMTR

236.1 Meters **KOL** **Channel 127**
1270 Kcys. **1000 Watts**

Seattle Broadcasting Co., Seattle, Wash.
 6:45 to 8:45 a.m.—Sunset Musical Klock
 8:45 to 10 a.m.—Program of general interest
 10 to 11 a.m.—Children's frolic
 11 to 12 p.m.—Studio program
 2:30 to 4:30 p.m.—Baseball broadcast
 4:30 to 5 p.m.—News items, weather forecast
 5 to 6 p.m.—Service Hour
 6 to 7 p.m.—Dinner hour concert
 7 to 7:30 p.m.—Studio program
 7:30 to 8 p.m.—Camp Fire Girls' program
 8:30 to 9 p.m.—Pacific Trade program
 9 to 9:15 p.m.—Amos 'n' Andy
 9:15 to 10 p.m.—Studio program
 10 to 11 p.m.—Tucker's Everstate Band
 11 to 12 midnight—Intermission novelties
 12 to 1 a.m.—Tucker's Everstate Band

SATURDAY Programs

491.5 Meters **KFRC** **Channel 61**
610 Kcys. **1000 Watts**
Don Lee, Inc., San Francisco, Calif.

- 7 to 8 a.m.—"Simp'y Pitts"
- 8 to 9 a.m.—Musical record program
- 10 to 11 a.m.—Leigh Harline and Al Pearce
- 11 to 11:45 a.m.—Amateur auditions
- 11:45 to 12 noon—Announcements of Sunday church services
- 12 to 1 p.m.—Sherman, Clay noonday concert
- 1 to 1:30 p.m.—Ada Day beauty talk
- 2 to 3 p.m.—KHJ recital program
- 3 to 4 p.m.—Charlie Wellman's "Chasin' the Blues"
- 4 to 5 p.m.—Sir Francis Drake Hotel Orchestra
- 5 to 6 p.m.—Mac and his gang
- 6 to 6:30 p.m.—Organ recital from KHJ
- 6:30 to 7 p.m.—Bridge lessons and news
- 7 to 7:55 p.m.—Chain program from KHJ
- 7:55 to 8 p.m.—Weather bureau bulletin
- 8 to 9 p.m.—Don Lee Broadcasting System program
- 9 to 10 p.m.—Don Wilson's varieties
- 10 to 10:10 p.m.—Amos 'n' Andy
- 10:10 to 11:10 p.m.—Anson Weeks' orchestra
- 11:10 to 12:10 a.m.—Earl Burtnett's orchestra

483.6 Meters **KGW** **Channel 62**
620 Kcys. **1000 Watts**
The Morning Oregonian, Portland, Oregon

- 7:45 to 8 a.m.—Devoational services
- 8 to 9 a.m.—Shell Happy Time
- 9 to 9:30 a.m.—Betty Baker's Cooking School
- 9:30 to 10 a.m.—Chamber of Commerce talk
- 10 to 11:30 a.m.—Town Crier
- 1 to 1:20 p.m.—Stock market quotations
- 4 p.m.—Universal Safety Series, NBC
- 5 to 5:30 p.m.—Lew White, organ recital, NBC
- 5:30 to 6 p.m.—Mildred Hunt and Dance Band, NBC
- 6 to 7 p.m.—General Electric Co. program, NBC
- 7 to 8 p.m.—Lucky Strike Hour, NBC
- 8 to 9 p.m.—Operatic program
- 9 to 10 p.m.—Golden Legends, NBC
- 10 to 12 midnight—KGW High Jinks

315.6 Meters **KFWB** **Channel 95**
950 Kcys. **1000 Watts**
Warner Brothers, Hollywood, California

- 10 a.m.—Harmony Hour
- 11 a.m.—KFWB Shoppers' Directory
- 12:30 p.m.—Worldwide news
- 12:40 p.m.—Air Journal
- 2:15 p.m.—Coast League baseball game
- 4:30 p.m.—Radio Travel Tales
- 5 p.m.—Radio Review
- 5:45 p.m.—Town Tattler
- 6:20 p.m.—Musical program
- 6:30 p.m.—Harry Jackson's entertainers
- 7 p.m.—KFWB Concert Quintet
- 7:30 p.m.—Ann Grey, popular songs; Frank Shoemaker, saxophone, and Don Warner, piano
- 8 p.m.—Mona Motor Oilers; Badger and Mueseler, song and patter team
- 9 p.m.—Courtesy program
- 9:30 p.m.—Henry Halstead's orchestra
- 10 to 10:10 p.m.—Amos 'n' Andy
- 10:10 to 10:40 p.m.—Henry Halstead's orchestra
- 10:40 to 11:40 p.m.—Roy Fox' orchestra

340.7 Meters **KLX** **Channel 88**
880 Kcys. **500 Watts**
Tribune Publishing Co., Oakland, Calif.

- 7 to 8 a.m.—Exercises
- 8 to 9 a.m.—Jean Kent
- 9 to 9:30 a.m.—Modern Homes period
- 9:30 to 10:15 a.m.—Health questions
- 10:15 to 10:30 a.m.—Opening stocks, weather
- 10:30 to 11 a.m.—Recordings
- 11 to 12 noon—Classified Adv. hour
- 12 to 1 p.m.—Machado's KLX Hawaiians
- 1 to 2 p.m.—Jean's Hi-Lights
- 2 to 2:30 p.m.—Recordings
- 2:30 to 4:30 p.m.—Baseball broadcast
- 4:30 to 5 p.m.—Organ recital
- 5 to 5:30 p.m.—Brother Bob
- 6:30 to 6 p.m.—Cressy Ferra, pianist
- 6 p.m.—Curtain Calls
- 6 to 7 p.m.—Hotel Oakland Concert Trio
- 7 to 7:30 p.m.—News broadcast
- 7:30 to 8 p.m.—Edna Fisher, pianist
- 8 to 8:30 p.m.—Cunha Troupe
- 8:30 to 9 p.m.—Helen Wegman Parmelee, pianist, and Frank Van Cleave, tenor
- 9 to 10 p.m.—Dance recordings

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **500 Watts**
Oakland Educational Society, Oakland, Cal.

- 8 to 9 a.m.—Music, market and health hour
- 11 to 12 noon—Musical program
- 1:30 to 2:30 p.m.—Edna's entertainment hour
- 2:30 to 3 p.m.—A Kingdom message, "Servants of Government," C. R. Welch
- 3 to 4 p.m.—Musical program
- 4 to 5 p.m.—The Bagdadians
- 5 to 6 p.m.—Kingdom talk, classical music
- 7 to 8 p.m.—Doc Herold
- 8 to 8:30 p.m.—Bible dialogue, "The World Powers"
- 9 to 10 p.m.—Boys of the Caravansery
- 10 to 12 midnight—Musical program

296.6 Meters **KQW** **Channel 101**
1010 Kcys. **500 Watts**
First Baptist Church, San Jose, California

- 10 to 11 a.m.—Helpful Hour
- 11 to 12 noon—Watsonville program
- 12 to 12:20 p.m.—Musical program
- 12:20 to 12:30 p.m.—Farm flashes, U. S. D. A.
- 12:30 to 1 p.m.—Market reports and weather
- 1 to 1:30 p.m.—Harts' Happy Half Hour
- 1:30 to 2:30 p.m.—The Friendly Hour
- 2:30 to 3:30 p.m.—Musical program
- 3:30 to 3:45 p.m.—Fanchon's Style Chat
- 3:45 to 4:15 p.m.—Thirty Minutes with W. K.
- 4:30 to 5 p.m.—Children's program
- 5 to 5:15 p.m.—Studio program
- 5:15 to 5:30 p.m.—Franco's program
- 5:30 to 5:45 p.m.—Chas. C. Navlet Co. program
- 5:45 to 6 p.m.—Farm forum and special releases
- 6 to 6:20 p.m.—Crop digest
- 6:20 to 6:25 p.m.—Commercial announcements
- 6:25 to 6:50 p.m.—Crop reports and weather
- 6:50 to 7 p.m.—Farmers' Exchange
- 7 to 8 p.m.—Farm Bureau Evening News
- 8 to 9 p.m.—International program

230.6 Meters **KTBI** **Channel 130**
1300 Kcys. **1000 Watts**
Bible Institute of Los Angeles, California

- 7 to 7:30 p.m.—Jewish service
- 7:30 to 8:15 p.m.—Musical program
- 8:15 to 9 p.m.—Instrumental trio
- 9 to 10 p.m.—Organ recital

SATURDAY Programs

322.4 Meters **KFWI** **Channel 93**
930 Kcys. **500 Watts**

Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Health exercises by Cal King
9 to 9:30 a.m.—Country Store
9:30 to 10 a.m.—Musical program
10 to 10:30 a.m.—Charlie Glenn, songs
10:30 to 11 a.m.—Studio program
12 to 1 p.m.—Hooligans' luncheon program
6 to 6:55 p.m.—Dinner hour program
6:55 to 7 p.m.—Police reports of missing people
8:30 to 9 p.m.—Studio program

285.5 Meters **KNX** **Channel 105**
1050 Kcys. **5000 Watts**
L. A. Evening Express, Los Angeles, Calif.

6:45 to 8 a.m.—Health exercises.
8 a.m.—Inspirational talk and prayer
9 to 9:30 a.m.—Musical program
9:30 to 10 a.m.—Radio shopping news
10 a.m.—Town Crier of the Day
10:30 to 11 a.m.—Madame Marie beauty talk
12 noon to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
4 p.m.—Lost and found announcements
4:25 p.m.—Stock market reports
5 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 6:30 p.m.—Playgoers' Club
6:30 to 7 p.m.—Concert orchestra; Monroe Jock-ers, director
7 to 8 p.m.—Courtesy program
8 to 8:05 p.m.—Announcement of church services
8:05 to 10 p.m.—Feature program
10 to 12 midnight—Gus Arnheim's Cocoanut Grove Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance hour
1 a.m. to 3 a.m.—The Midnite Express

508.2 Meters **KHQ** **Channel 59**
590 Kcys. **1000 Watts**
Louis Wasmer, Inc., Spokane, Washington

6:45 to 7 a.m.—Inspirational services
7:30 to 8 a.m.—Myrohl Musical Klock
8 to 9 a.m.—Shell Happy Time
9 to 10 a.m.—Household Service
10 to 11 a.m.—Home hints, recipes, etc.
11 to 12 noon—Farmers' Service Hour
12 to 12:30 p.m.—Valvoline
12:30 to 1 p.m.—Steinite information
1 to 1:30 p.m.—Miss Modern
1:30 to 2 p.m.—Fur Facts
2 to 3 p.m.—Washington Home Service
3 to 3:30 p.m.—Bailey's concert
3:30 to 4 p.m.—Musical program
4 to 4:30 p.m.—"Paint o' Mine" period
4:30 to 4:45 p.m.—Empire Home Hints
4:45 to 5 p.m.—Jones' Happy Time
5 to 5:30 p.m.—Service Hour
5:30 to 6 p.m.—Mildred Hunt and dance band, NBC
6 to 7 p.m.—General Electric, NBC
7 to 8 p.m.—Lucky Strike Hour, NBC
8 to 8:15 p.m.—Sports and news
8:15 to 8:30 p.m.—Alice in Launderland
8:30 to 9 p.m.—Triodion String Ensemble
9 to 10 p.m.—Golden Legends, NBC
10 to 11 p.m.—School Days, NBC
11 to 12 midnight—Let's Dance, NBC

239.9 Meters **KFOX** **Channel 125**
1250 Kcys. **1000 Watts**

Nichols & Warinner, Long Beach, Calif.
8 to 8:15 a.m.—Tadpole, the Buttercream Boy
8:15 to 8:45 a.m.—Bright and Early Hour
8:45 to 9:20 a.m.—Novelty program
9:20 to 9:30 a.m.—Organ recital
9:30 to 10:50 a.m.—Musical program
10:50 to 11 a.m.—"Clarence"
11 to 11:10 a.m.—Mae Day, beauty talk
11:10 to 12 noon—Recordings, news
12 to 12:30 p.m.—Gene and Bill
12:30 to 1 p.m.—Studio program
1 to 1:30 p.m.—Futuristic Trio
1:30 to 2 p.m.—Doris Dolan, pianist; Heini Dorner, tenor; Ted Nedrow, bass
2 to 2:30 p.m.—Health talk, music
2:30 to 4 p.m.—Long Beach Municipal Band
4 to 4:30 p.m.—Musical program, news
4:30 to 5 p.m.—Popular dance selections
5 to 5:30 p.m.—Futuristic Trio
5:30 to 6 p.m.—Entertainers from Bear Cafe
6 to 6:05 p.m.—Lost and Found Dept.
6:05 to 6:30 p.m.—Tavern Orchestra
6:30 to 7 p.m.—Motor Tires Quartet
7 to 7:30 p.m.—Hawaiian Trio
7:30 to 8 p.m.—Imperial Trio
8 to 8:30 p.m.—Minstrel show
8:30 to 9 p.m.—Long Beach Municipal Band
9 to 10 p.m.—Orchestra and Eva Balfour
10 to 11 p.m.—Classical program
11 to 12 midnight—Cheese and Crackers Club

325.9 Meters **KOMO** **Channel 92**
920 Kcys. **1000 Watts**
Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9 a.m.—Theatre organ recital
10 a.m.—Y. M. C. A. health exercises
10:15 a.m.—What to Prepare for Dinner
10:30 a.m.—Theatre organ recital
11:15 a.m.—Gyrators with Joy Boys
12:30 p.m.—Orchestra; Agnes Skartvedt, soprano
12:45 p.m.—Constance Cook, recipes
1 p.m.—Fred Lynch and Jimmie Riddel, duets and orchestra
1:45 p.m.—Orchestra with the Harmonists
3 p.m.—Orchestra; Ina Mitchell, Hewe Helne, soloists
4 p.m.—Universal Safety Series, NBC
4:10 p.m.—Kiddies' program
4:35 p.m.—News flashes and sports
4:45 p.m.—Stock and bond quotations
5 p.m.—Organ recital by Lew White, NBC
5:30 p.m.—Mildred Hunt and Dance Band, NBC
6 p.m.—General Electric program, NBC
7 p.m.—Lucky Strike Hour, NBC
8 p.m.—Spanish hour with Aurelio Sciacqua
9 p.m.—Old-timers
10 to 11 p.m.—School Days, NBC
11 to 12 midnight—Let's Dance, NBC
12:15 to 12:30 a.m.—James Harvey, tenor; Zita Dillon, pianist

348.6 Meters **KFQZ** **Channel 86**
860 Kcys. **1000 Watts**
Taft Broadcasting Co., Hollywood, Calif.

7 a.m.—Breakfast program
9 a.m.—Miss Clella Collins
9:30 a.m.—Prosperity program
12 to 1 p.m.—Al Cajal and Lolly Gookins
1 to 2 p.m.—Al Cajal and soloists
2:30 p.m.—Jack Dunn's orchestra
5 to 6 p.m.—Jean Cowan, Ted Mossman
9 to 10 p.m.—Lois Crawford, Al Cajal
10 to 12 midnight—Jack Dunn's orchestra

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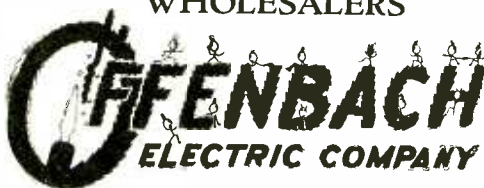
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