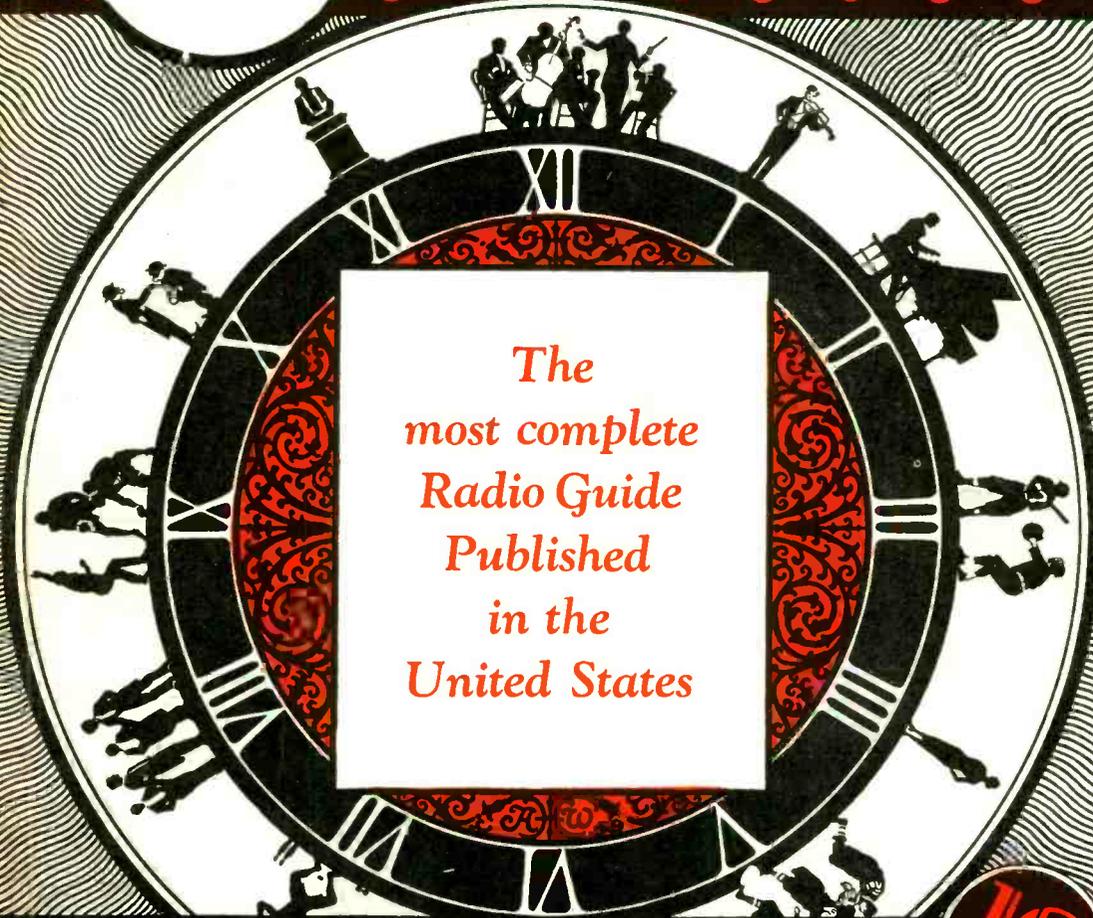


Broadcast Weekly

For
Week of
**March
24 to 30**

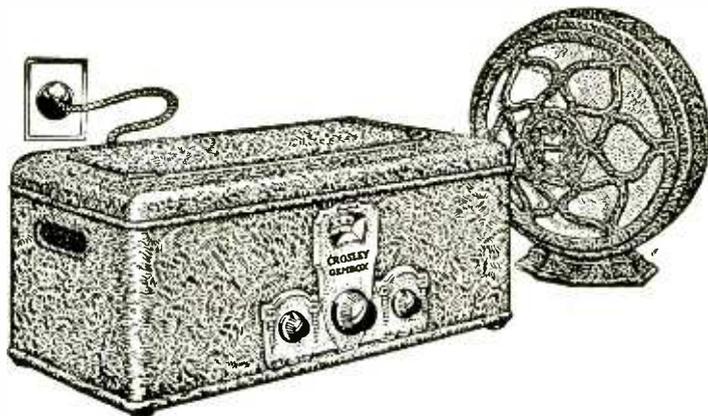


*The
most complete
Radio Guide
Published
in the
United States*

"THE LEADING RADIO GUIDE OF THE PACIFIC COAST"



“You’re there with a Crosley”



Crosley Gem Box

A-C
Electric

\$69⁰⁰

Power
Speaker
Operating

Without Tubes

If you are “there with a Crosley” during 1929, you are the possessor of all the wealth of the air—of music, songs, and “wise-cracks,” of solid and reliable information on marketing, of interesting educational hours which no private fortune could buy. With a GEMBOX and DYNACONE, the resources of the air are easily yours. The Gembox is the lowest-priced standard A-C electric receiver on the market. *Let a Crosley dealer demonstrate it for you.*

Dynacone Power Speaker \$27.00

Exclusive California Distributors

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LOS ANGELES

BROADCAST WEEKLY

(FORMERLY RADIOCAST WEEKLY • • ESTABLISHED 1922 AS BROADCAST PROGRAM)

A. J. URBAIN, *Publisher*

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MATTER, MARCH 25, 1923, BY THE
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UNDER ACT OF MARCH 3, 1879

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BY SUBSCRIPTION \$3.00 PER YEAR

Vol. 7

San Francisco

MARCH 23, 1929

Los Angeles

No. 26

THE EDITOR'S PAGE

It is an interesting thought that the words of the great—Moses, Christ, Abraham Lincoln—are with us always. That the vibrations of sound, once set into motion, are never lost. The only problem involved is a mechanical one. Vibrations once set up never die. They become more attenuated but they exist forever. Speech may be stepped up and amplified. It may be "scrambled," as is done in trans-Atlantic transmission, and fit together across the water. It is not without the bounds of possibility that some day science may recapture some of the speeches of the great ones—long after they have been uttered. It is an intriguing theory, at any rate.

* * *

A German scientist has developed an instrument by which he can hear plants growing. The protests of a field of vegetables against their unfortunate lot may yet form material for some broadcast station which advertises a healthful soup. This development, however, indicates the declining personal privacy everywhere. It is not a far cry to the old story of the Palace of Truth where everyone was transparent to the observer. We shudder to think what a Congressional committee room record would sound like.

* * *

The development of a new illuminating paint product, non-radioactive, which absorbs light rays during the day, sufficient to light a house at night without electrical action, has its disadvantages. How would one get a night's rest, for instance, if the chemically treated wall paper glared with an eerie phosphorescent light? In developing this chemical

glow, as a substitute for globes and dynamos, we hope the savants will not neglect a method of dimming it when needed.

* * *

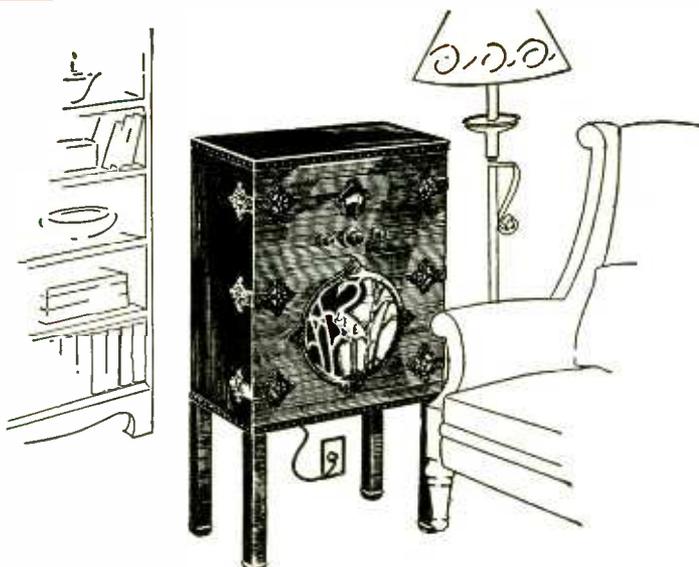
Radio is undoubtedly building a love of good music throughout the entire nation. Musical magazines are literally filled with coming events of high worth, listing additionally scores of new movements to further the art in all directions. We may say, in truth, that radio is working a musical renaissance in America.

* * *

There is a need for good music on the air. Even Sunday concerts are not free from the impinging advertising which converts the music period into a billboard. The dinner concerts are certainly nothing to write home about, unless one likes to eat with a medley of questionable talent hammering at the consciousness. There seems to be a shortage of good orchestral effort which can be tuned in and left, for at least an hour. The Hotel Oakland stands almost alone in this regard.

* * *

So long as there is no protection for the "mother lode" of musical compositions—so long as any also-ran with a dash of rhythmic response can clip the lyric, dramatic and mystic flowers from any masterly opus, and by wiring them with third rate camouflage foliage, resell them under his own name to a jazz-doped world, why the necessity for composers at all? With the great ones lying helpless in his path, what is to prevent any Jimmy Valentine from looting Fame of her laurels?



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

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RADIO EQUIPMENT

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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.

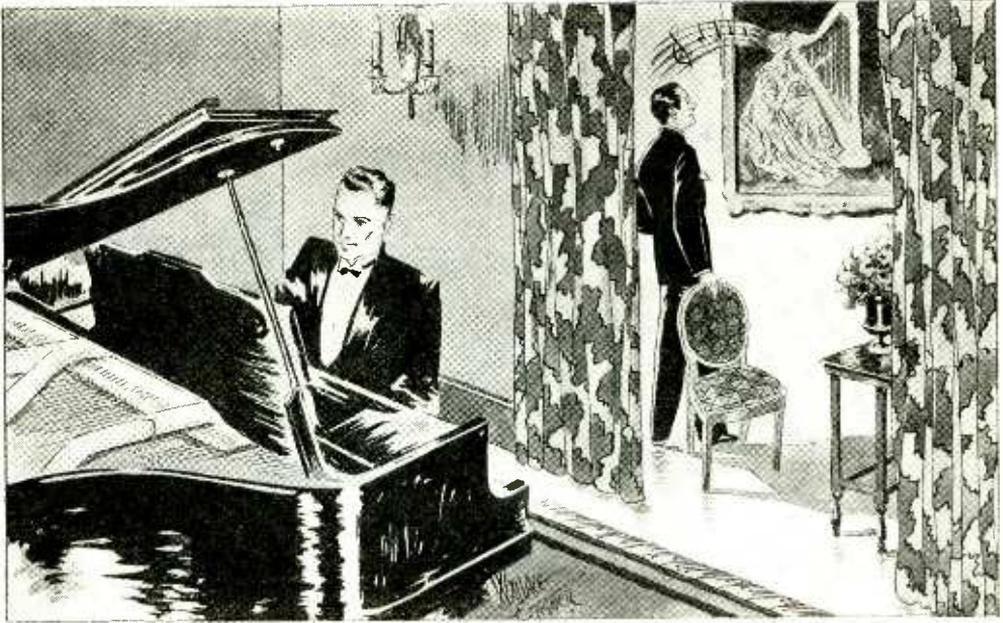
Add to these features other improvements such as *new* volume control, improved push pull audio system, full voltage supply, Mershon condenser and new neutrodyne balancing. Finished in black and white gold.

Exclusive California Distributors



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LOS ANGELES



Again and again Claybrough touched the key and each time the picture answered

The SINGING PICTURE

By JULIAN RASHMAN

YOU surely must know of Buxley Hall. . . . Feudal in its every detail—its moat moss-grown and picturesque, its towers gray against the emerald sward of the hillside, thrust skyward like a Norman outpost.

There is a painting in Buxley Hall—a painting of a young girl, exquisite as a golden iris in her yellow gown, playing a harp beside a window. In the early evening when the after-glow is just right, the effect is striking. Coming into the great, beam-shrouded hall and suddenly confronting the painting, one is struck with the conviction—hardly more than momentary, of course—that the young girl is verily there in the flesh. One finger-tip rests lightly upon a string and her head is turned toward the jonquil garden as if she were listening to the faint echo of the final note, her face illumined with the light from the garden.

No, there is none living, apparently, who knows the identity of the young woman. Old retainers had it from their predecessors that it was a portrait of the former Lady

Alice, grandmother of the present young Earl of Limmford. But Burke's peerage contradicts this. It might again have been an idealized picture of that famous and bewitching heartbreaker, Doris of Cromleigh, except that she was raven-haired, while the lady of the picture is of Titian coloring.

Charles Claybrough, grown rich in spices and tea, and present owner of Buxley Hall, disclaims all knowledge of the picture. It was hanging in that identical spot when he purchased Buxley Hall from the Earl of Limmford, and the setting was so obviously appropriate that it remained as it hung, with the noonday light thrilling across her exquisite hands and the after-glow irradiating her face.

In one particular there is no painting like it in the world. Would you see? Step into the music room, adjoining, and lift the cover of the priceless seven-legged Friederici square piano, bearing the date 1764. Now, softly but firmly, with the tip of your finger, touch middle A. Now, quickly, back to the

niche where the picture hangs with its lovely subject turned, half profile, to the jonquil garden. Stand perfectly quiet. Do you hear . . . that faint, far strain, like the echo from an elfin lute? Yes, you are right, it comes from the painting—from the very string touched by that slender finger. A single, faint but clear, phantom harmonic, holding for a breathless moment to die away like a shadow note of the painted harp.

This is the mystery, with all the eerie web of legend that time can weave, of the famous picture—the answering call to that single note from the old Friederici. Nonsense, imagination, say you? Try it again. Now stand directly before the picture, here, in this worn spot on the inlaid floor. Now let your friend touch that note on the piano. . . . Ah! The same strain, like a faint, singing sigh, as the slender finger seems to touch the painted string—a fleet, silver cadence against the dark-paneled ceiling, then gone! Doubt you now? Nor could the others who, like yourself, have heard the selfsame strain and have left unable to explain the strange phenomenon.

Yet, there is an answer to the picture's mystery, an answer that might never have been found but for the curiosity of a young American—Larry McCormick, son of Charles Claybrough's old school friend, Dudley McCormick, who dipped his fingers in the viscous uncertainty of the oil fields and brought them out again with a fortune clinging to them. A letter from Dudley McCormick had mentioned that his son Larry would be in London about the tenth of October. It was but natural that Claybrough should invite him for a week-end at Buxley Hall, recently purchased, and young McCormick had promptly accepted the invitation. The young American and his host liked each other immensely, on sight, and fell at once into one of those rare, easy intimacies.

McCormick brought along a portable radio set in his suitcase. It was the first that Claybrough had ever seen, Buxley Hall having held aloof from the touch of modernism. Young McCormick set the device down on a table in the smoking room, made certain adjustments, and presently they were listening to some very excellent music from the station at Coventry. Claybrough was properly amazed, having spent twenty years of his life in the tea islands, and possessing only the most rudimentary idea of the broadcast art. In fact he was thrilled out of his usual poise by finding that he could tune in the station himself.

"By Jove!" he whispered several times.

They talked far into the night. The talk very naturally came around, in time, to the singing picture. Young McCormick, with-

out being discourteous, was openly skeptical of the whole thing as a mystery or a psychic phenomena. He maintained that there must be a simple scientific basis for the entire occurrence. He was an expert radio engineer, it developed, and his arguments were so convincing that Claybrough finally consented to his making a number of scientific tests on the morrow.

"Mind you," said Larry, "I won't guarantee to solve the thing. But we'll have a try at it and we may dig out its secret. Our ancestors were not as clever, mechanically, as their own generation thought them."

The thing intrigued Claybrough, no end, for he had secretly made a number of futile investigations on his own.

"I'm quite excited over the prospect," he said, as he had Larry shown to his quarters. "It has been a sort of family mystery—eh—rather famous around the countryside."

Much to his surprise, and despite the fact that he was travel-weary, Larry dreamed of the picture during the night. Claybrough had shown it to him by candlelight and he had carried away a hazy impression of a lovely girl playing a harp, though the picture had looked rather flat and charmless at night. He awoke the following morning with that impression still fresh and feeling that Claybrough had an old man's fondness for a personal possession around which he had woven a mystery of his own.

However, coming suddenly upon the picture, with the morning light in the garden beyond, he was amazed at its exquisite and haunting beauty. He stood for a long time studying it. There seemed nothing supernatural about it. It was undoubtedly a picture of a breathlessly pretty girl, and the reflected light from the stone coping of the garden wall gave her a vivid realness that was almost uncanny. He began to realize the picture's atmosphere. . . .

"And what do you think of her by daylight?" Charles Claybrough's voice at his elbow caused McCormick to turn.

"Marvelous!" Larry exclaimed, enthusiastically. "Undoubtedly the work of a famous artist."

Claybrough shook his head sadly.

"Unfortunately—no," he said. "One destined for fame, it is true, yet one who never realized it. This was his only painting—his one revealing expression of himself. I found the story of it in an old diary, wrapped in a bit of brocade and buried deep in a chest among odds and ends of clothing and trinkets, in a deserted wing of the Hall when I took it over. In general, I do not tell of this. But with Dudley McCormick's son, I feel more free. . . . However, the story does

(Continued on Page 72)

Majestic

ELECTRIC RADIO

Mighty Monarch of the Air

MAJESTIC has the whole country talking . . . for MAJESTIC did the "impossible."

Bankers and great industrial leaders said that such radio receivers and cabinets could not be sold at MAJESTIC prices.

MAJESTIC made possible super-dynamic speaker tone quality . . . and marvelously beautiful cabinets . . . at moderate prices.

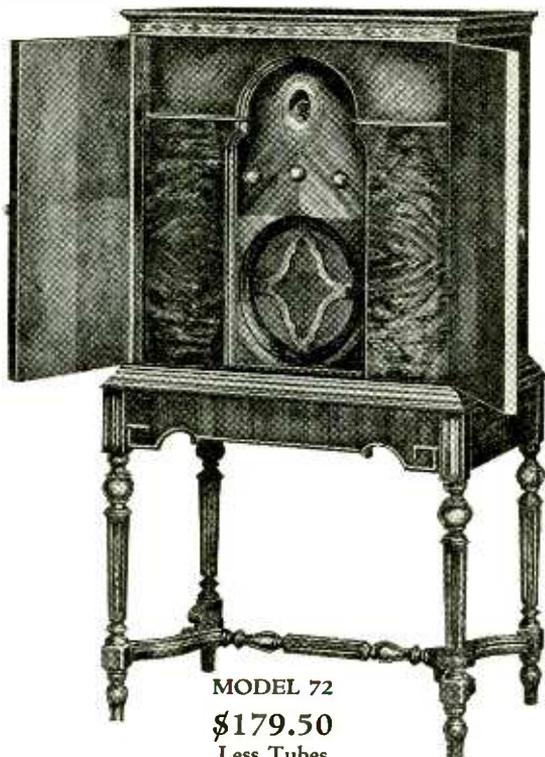
See and hear a MAJESTIC . . . today . . . and you will realize why 4,000 sets a day do not supply the demand.

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.

Quality You Can Actually Feel



MODEL 72

\$179.50

Less Tubes

BEAUTIFUL Louis XVI walnut cabinet with doors of diamond matched oriental walnut having genuine inlaid marquetry border. Instrument panel also of diamond matched oriental walnut framed with butt walnut and bird's-eye maple panel. Seven tubes completely shielded, using R.F.L. balanced circuit.

Equipped with MAJESTIC Super-Dynamic speaker—the last word in faithful reproduction and tone quality.

Wholesale Distributors

Frederick H. Thompson Co. Holmes & Crane

1131 Mission Street, San Francisco

291 Fourth Street, Oakland, Calif.

Kimball-Upson Company

607 K Street, Sacramento

The RADIO TATTTLER



By EARLE ENNIS

FOR crying out loud—isn't it possible to sit down in front of a radio set and listen to any kind of rhythmic music any more without having someone cut in and bleat the sappy words of some sappy song? And they call this entertainment! Ye Gods!

* * *

Is this the best America can do in the way of entertainment? Is this what the public wants? We ask the public—such of it as we come in contact with, if they like it. They say they do not. They say it gives them a pain. Who likes it, then? And why is it done?

* * *

The thing is disgusting, nauseating. Turn the dial of your set to whatever station you will, and if there is dance music, in nine times out of ten, you will hear some bozo with 25,000 kilocycle adenoids, gargling some brainless tune, the music of which has rhythm and melody and the words of which would gag a camel. Because some composer wrote the words, every orchestra in the country thinks that it must have someone yodle them into the microphone.

* * *

We will admit that there is a certain type of man, and he undoubtedly has a radio set, too, like the rest of us, who gets a certain vicarious thrill out of having another man sing a sappy song to him in a back alley tenor. There seems to be a growing crop of these in the country—fine, virile men who run to knitting for their athletics, illegal post-cards for their dissipation. These may find in the interlude singers of the rhythmic radio song—just what their little hearts desire.

* * *

But there are a few of us left who believe in muscle, whiskers and manhood, and blamed if we can stomach the avalanche of meaningless, goo-goo mouthings that night after night are flung into the ether. We, too, have radio sets, and night after night we turn them off. The radio dealer kicks because business is bad. Why shouldn't it be bad when the only thing that greets the ear, in the majority of cases is the larruping of these hopeless bunnies in their girlish make-up

* * *

We'd like to hear some of the good old dance music again. It used to be that in thousands of homes, people turned on the

radio for an hour or two when friends were in or a card game was in progress, softened it down to a pleasing degree, and let the dance music roll in. It added something to the evening. But these nights it runs just so long and then somebody says: "For the love of Heaven—turn that thing off!" And it is turned off. And don't think that it isn't!

* * *

We can't believe that good red-blooded Americans like the sort of entertainment that is foisted in their faces, night after night, by these back alley tenors, because their type of entertainment is that which entertains only a mediocre form of intelligence—and the large percentage of people in this country are fairly intelligent, as they prove when they really give something their attention at the polls.

* * *

We believe that the public is just as much against that as it is against the musical buffonery which permits cabaret sublimates to prostitute classical music, for the cheap thrill of a harmonic novelty. It is tiresome, stupid, a depreciation of the intelligence of the radio listener, and makes radio a hurdy-gurdy and a side-show instead of a worth-while public service.

* * *

We have to laugh when these high-powered executives of chains and networks utter high-sounding sentiments and then fill the air with Alpine goats bleating their moronic lyrics into a thousand microphones under the guise of "public service." It might well be called "organized ribaldry!" What think you?

FREE with a one year subscription to BROADCAST WEEKLY—A New Log and Call Book. There's nothing else like it today. It is indexed and contains all the information about every station in the United States and Canada. Send your three dollars today and get BROADCAST WEEKLY every week for the next year and the new Log and Call Book.

ATWATER KENT RADIO

Genuine Pooley Cabinet with all Atwater
Kent Electro Dynamic Equipment



\$ **159**

Complete with Tubes

The very finest of Atwater Kent equipment throughout, a real Pooley with all of Pooley's finish and beauty—at a remarkable price. See it at the nearest Atwater Kent retailer.

ERNEST INGOLD, INC.

930 Van Ness Avenue

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.

Sacramento, Feb. 25, 1929.

So I took my little three dollars, three dimes, one nickel, and sent it to the nice man for thirty-three dollars and five dimes' worth of live reading matter (at least I hope Motion Picture is as live as Broadcast).

Your last issue was splendid, and if you keep up that high mark there will be nothing but praises. I do agree, however, with some of your vox popaeli that KSL and KOA programs should appear in full, and I think KMOX ought to be given some space, for often when there is nothing on local stations but bedtime stories, I dial to KMOX and there get a wonderful program. In fact, only on KMOX can I now get Majestic Theatre of the Air, as KYA has too much interference, and KEX fades so terribly.

I do not, however, agree with the correspondent who wants to throw Earl Ennis and Monroe Upton in the gutter. Monroe gives a delightful, personal touch to the radio artists we like best (but I do wish he would tell us what happened to Edna Fisher), and the mess of good-natured slang which Earl Ennis uses in his page illuminations is always good for a healthy giggle (and I'll never be too old to giggle, thank goodness).

And so, with these few remarks I here and now pass on. A. C.

Yakima, Wash., March 6, 1929.

What on earth was the matter with "G. H." of Marin County, whose letter appears in this week's Broadcast? Regarding the remark of "too much nightly advertising," does G. H. appreciate the splendid programs he receives—yes? Well, who pays for the programs, if not the advertiser. We surely do enjoy the programs, and I am sure G. H. should consider. MRS. E. J. LEMKE.

Sebastopol, Calif., March 1, 1929.

Replying to "Lee Mitchell," please allow me to say that the articles written by Monroe Upton are the very best things in the "Weekly." Mr. Upton has a whimsical, intriguing way of telling us about our favorites, and we enjoy the stories by him very much indeed. I consider Monroe Upton a very great writer—he has intuition and sym-

pathy, and a real sense of humor, and he makes us really know our radio stars.

May I suggest to "Lee Mitchell" that he read Mr. Upton's articles more carefully. Perhaps Mr. Mitchell's sense of humor is slow and maybe he will like them better if he understands them better. Your well wisher,
ROSE REDFIELD.

Spokane, Wash., March 9, 1929.

Broadcast Weekly:

Referring to J. M. Hitt's letter in your March 10-16 issue, I am heartily in accord with his views in the matter of announcing the name of the piece before and after playing. In this respect I think our KHQ announcer, Cecil Underwood, was the best in the West. He announced his station so consistently and gave the broadcast matter out in such manner as to leave no doubt what was to be given, and what had been given. He used his initials, "C. P. U.," rather than his whole name, but he was so popular, I believe everybody for 500 miles around knew him. That is why he has been given KOL at Seattle as director of that station. Do we miss him? Well—rather!

Yours truly,

M. L. H.

N. B.—Radio fans in the East have written letters to KHQ complimenting Cecil on his care in giving name of station and name of piece so carefully.

Ukiah, Calif., Feb. 25, 1929.

Have been using your book, Broadcast Weekly, and find it about all anyone could wish for, but would like KSL programs, too, as it is sure a fine station.

Hope you don't act on the suggestions made by Lee Mitchell (as one can buy a book for 50 cents that will probably answer most questions he would want to know) and not give up the Open Circuit or Mr. Monroe Upton's page. We like to know something about the artists we hear and wouldn't call Mr. Upton's biography purported, as he is very well informed, and we like his writing very much.

MRS. JOHN A. GIBSON.

The SPARKS-ENSEMBLE

*The Outstanding Phone-Radio Combination
of the Year*



Front View of Cabinet

Above: The SPARKS ENSEMBLE, encased in a beautiful walnut cabinet of French design.

Right: The cabinet open showing complete arrangement of mechanical equipment. Ample record compartments.

Here at last is the combination you have wanted to see.

\$925.00

complete with tubes in your home.

*Have your nearest Sparton dealer
demonstrate this outstanding
musical instrument to you.*

The "SPARKS ENSEMBLE" embodies the utmost that present day research can offer in the recreation 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 EQUASSONNE**, "Radio's Richest Voice," 8-tube all-electric receiver, with the sureness of sensitivity and selectivity.



Cabinet Open

SOLD BY ALL SPARTON FRANCHISE DEALERS

W. E. & W. H. JACKSON, INC.

2511 Broadway
Oakland
LAkeside 3833

255-261 Ninth St.
San Francisco
UNderhill 2900



“SCIENTIFISTICS”



THE ultra-violet ray is being employed in movie effects in a new way, and efforts are being made to adapt it to radio work for picture pickups. Persons subjected to ultra-violet rays before a screen may be reduced to silhouettes in such a way that novel tableaux and ensemble effects are produced.

The Bell telephone laboratories are working on the production of pictures which give perspective, in an effort to get away from the flatness of the modern movie. This is accomplished by means of cameras placed behind a transparent screen, and arranged in a semi-circle. The views are taken at one time by the battery of cameras and the projection is likewise simultaneous, but from different angles. Both sides of the screen are then blanketed with grids of alternate opaque and open spaces that pass the light in narrow parallel bands. The result is a projection of pictures in relief—pictures which have depth and perspective. Owing to the great expense the process is not yet of commercial value.

The finals in the oratorical contest which is being sponsored by forty American newspapers will take place in Washington May 25. The debates are on the Constitution of the United States. The Pacific Coast finals will be held in Los Angeles May 10, the winner of the Hawaiian Island finals competing. Eight speakers will contest the Washington finals, each to receive a trip to South America and other emoluments. The winner of the national finals is given a silver cup and a major prize. High schools all over the country are competing.

A new and rapid method of carving inscriptions on tombstones has been developed and the stone cutter with his chisel now gives way to a man with a sand blast and a pump. The tombstone is covered with a composition in which is cut the letters desired. The sand is then directed in a stream against the stone, and etches the letters into it, the composition covering acting as a template. The system is very rapid.

The NBC has its prototype in the BCJ—the Broadcasting Corporation of Japan—which is now piping programs from Osaka and Tokio. These programs can be heard on the coast around 3 a. m.

The Boeing Air Transport Company is awaiting permission from the government to install 1000-watt radiophone transmitters at Oakland, Portland and Los Angeles airports, and suitable equipment on their planes to make possible the “train dispatching” of them as a regular business. Preliminary tests with a 75-watt transmitter have shown that the scheme is highly practical. The phone is used in preference to continuous wave telegraph because trained radio operators are not required for its use and any pilot may be given sufficient instruction in a few minutes to operate a radiophone. It is planned to have the planes report position and arrival time by telephone and to give orders to the planes from the ground stations by the same means.

Some bright genius has found that a two-ampere battery charger can be made to deliver three amperes by taking the device out of the metal can in which it is fastened. The metal walls of the container cut down the efficiency somewhat. The removal of the outside also makes the device silent and removes the hum.

The International Bureau of the Telegraph Union of Berne, Switzerland, has called a European broadcast parley at Prague, April 4 to 13, at which allocation of wavelengths for broadcast and telegraph work will be discussed. Twenty-one nations will be represented. The United States will have representatives, but will take no active part in the parley, which deals solely with European problems.

To aid in calling a halt in the selling of stock in fake perpetual motion machines, the editors of “Science and Invention” have offered \$5000 to anyone who will bring a device to them and merely SHOW them that it will work as a perpetual motion machine. The offer is safe, because scientifically, perpetual motion is an impossibility.

A Kansas man who wanted a loud speaker and had nothing but the unit took a cheese box, clamped a phonograph record to it with six clothes pins, snapped around the rim, put his unit between and claims to have as good a speaker as any radio fan in town. The phonograph record acts as a vibrating diaphragm.

THE thing that so many people like about Ce Co radio tubes is that they're not soft and mushy—nor, on the other hand, hard and metallic in the tone. They give you just a clear, round, natural quality that makes almost any set good. And they last plenty.

CECO MFG. CO., INC.
PROVIDENCE, R. I.

Pacific Coast Branch
405 E. Pico Street
Los Angeles
BERNARD KRUGER, *Manager*

*CeCo Tube N27
detector amplifier
2½ volt separate
heater type. Re-
quires a 5-prong
socket. Price \$3.*



CECO *Radio
Tubes*



SHRAPNEL



MRS. Florence Christy, Past Guardian of Bethel No. 2, Daughters of Job, which meets in Palestine Temple, and Past Grand Guardian of Oregon, has just returned from a trip to the Supreme Bethel, where she was elected Supreme Guide of the World, according to the South Portland Index. That won't keep her busy. She could handle the NBC easily, in addition.

* * *

The mechanical robot which lights an airport when a siren is blown by a plane, may be adapted to reporting the presence of fog in distant places. If we can get it to warn us when a radio program is coming which we don't like, we can see a lot of good movies.

With schools of mechanics for women on the increase, with broadcast studios filled with "men" crooners, it behooves the few remaining members of the male species to rally and guard their Adam's apples. Can't somebody start a beard contest?

We note that \$7,500,000 has been subscribed to establish an Institute of Human Relations wherein, it is hoped, that savants in the high realms of science may combine, consult and cooperate. Does this mean broadcasters may some day get together?

* * *

An Eastern broadcast station recently presented a "Gangster Quartet" in "home songs." We presume there was a machine-gun obligato and the cries of the wounded as incidental effects.

* * *

A broadcast director, paging a vaudeville circuit for talent, was recently offered a contortionist and a pantomime act. He indignantly refused them on the ground that they would not be suitable for radio presentation. It seems that he was dead wrong. What a delicious silence there would have been when those acts were on! And at least we would not have been "c'rooned" at.

* * *

A Nebraska man has complained to Washington that a performer at a broadcast station in Chicago hypnotized him. The hypnotist, over the air, told the listeners to regard a bright object steadily for five minutes. The Nebraska man stared at the illuminated dial on his set and went into a trance from which he complains he was unable to arouse himself for several hours.

Habib Kahn, who speaks seventeen languages, is going back to Afghanistan, where he was born, to aid Amanullah, deposed king, regain his throne. Kahn is taking his fortune, which he accumulated by selling tamales in Texas. He intends to introduce radio. What a peach of an announcer he will make with his seventeen languages!

* * *

The entire city council of El Cerrito failed to show up the other night and no business was transacted. Just imagine if all the radio stations forgot to start up for one night!

* * *

Japanese radio fans complain of international heterodynes. One fan kicks because JOCK at Nagoya, Japan, and 3LO in Japan, between 3LO and 7CA, Calcutta India, and between KPO and 2FC at Sydney. This raises a new problem. Just as the federal commission gets all the American stations spread out so they cease heterodyning, along come the powerful foreign ones and the thing begins all over again.

* * *

The NBC is using movie tactics to good effect by "farming out" radio stars to various events. The tired business men are no longer as tired as they were. Some of their air-lane favorites have taken to stepping in on these business luncheons and getting acquainted, and it is making the soup and entrees pass pleasantly.

* * *

KTAB, the Pickwick station, is wrestling with a phantom wave down in the lower band which is almost as loud as its higher wave. Engineers believe it is the second harmonic of the normal wave. It gives the effect of broadcasting on two waves, and every effort is being made to eliminate the objectionable intruder.

* * *

An eastern radio fan, not satisfied with one dynamic, built a baffle board the size of a room end and put three dynamic speakers in it. What a joy he must be to his neighbors about midnight on any summer evening when a good band is in!

* * *

A prominent actress recently gave a demonstration of face lifting over the radio. Despite the use of powerful amplifiers the station could not lift more than ten years off of her age.

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A Peep Across the Music Firmament

STRANGE to say, Italy has been the first to try out a futuristic opera. Not strange to say, the opera was a complete washout. The opera was called "Seven Songs," and was from the pen of G. F. Malipiero. It was given in the Teatro Reale at Rome. The audience hooted and jeered so that the curtain had to be rung down. The music was harsh and aroused only animosity in the audience, which finally catcalled it into extinction.

* * *

Sir Thomas Beecham is known in London as the man who can't be beaten. Yet this does not mean that he swings a wicked mashie or has a mean eye on the International Polo cup, but that in musically torpid England he refuses to give up the fight for nationally good music. He has, it is said, a sturdy co-worker in the British Broadcasting Corporation, which is using both good money and good talent to uphold its end of a thankless job.

* * *

Arthur Bodansky has been performing some plastic surgery upon the heroic bulk of such Wagnerian scores as "Meistersinger" and "Gotterdammerung," not to mention "Siegfried" to conform to Metropolitan's modernized svelt modes. When Tullio Serafin took the helm, however, and regarded the scars on the mighty visage of "Siegfried" he shuddered indignantly, jumped into his own operating apron and proceeded to restore some of its epic curves. The double operation has stirred up considerable party feeling. In the meantime the original scores may be heard on the phonograph records—which if not strictly non-partisan are at least progressive.

* * *

Mills College is to offer a summer vacation music course from July 1 to August 9, in which music, drama and art will be featured, with Luther B. Marchat in charge of the musical section. Individual and class instruction in voice, pianoforte, organs, and stringed instruments will be given by an aggregation of twenty musicians. Particular attention is to be paid to creative music.

* * *

"Johnny spielt auf," the jazz opera of musical clatrap which rocked New York, has similarly tickled Russia. It was given a

recent performance in the Little Opera House in Leningrad and was reported to have been a great success.

* * *

Paris is in the throes of another Mozart revival. A Munich musician, Ludwig Kusche, has undertaken to orchestrate eight numbers of the opera "Le Fiance Trompe" written in 1783, a thing never before undertaken. There is to be noted a certain reverence in the revival which has been stimulated considerably by the growing respect for Mozart's works throughout Europe.

* * *

"We are not educated as children to know music," says Professor Thomas Whitney Surette of Harvard. "We have our ideas of music do-rey-me'd out of us. We are not taught to recognize tunes. To be musical, one must be familiar with music and to be able to recognize the themes of the great masters." Not only the public, Professor, but the musicians; a great many of whom do not know music after years of so-called study.

* * *

The Columbia Network has signed up Mary Garden, Chaliapin, Alma Gluck, Frances Alda, Anna Case, Richard Bonelli, Charles Hackett, Rudolph Ganz, and the Russian Symphonic choir. Some galaxy of stars for one network! Gluck started the parade on March 3, and Chaliapin came next on the 17th. The others on dates to be announced.

Elizabeth Rethberg, Metropolitan star who won such laurels with the San Francisco musical public, sailed for Europe March 16 for concerts at the Royal Opera House at Rome and a second series at La Scala. This is her first appearance in Italy and should bring her a new fame.

* * *

The Musical Lyceum at Amsterdam, Holland, has a new idea. It has a furnished apartment which is placed at the disposal of any visiting artist who performs at the Lyceum. A radical improvement over the star's dressing room in most theaters.

* * *

The Scala opera aggregation will reverse the usual process by going to Berlin and presenting a musical series, during May or June.

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MICROPHONE GOSSIP



An advanced course in radio by Herbert E. Metcalf, research engineer, the Magnavox Company, is to be offered in April by the University of California Extension Division in San Francisco, according to announcement by the division.

Ten lectures are to be included in the series, which will be given at the University Extension Building, 540 Powell Street, starting Friday evening, April 19, at 7:30 o'clock.

The course includes the study of oscillating currents, inductance, capacity and measurements thereof, tuned and aperiodic circuits, oscillating generators, the general theory of the vacuum tube, explanation and measurement of amplification factor, plate resistance, mutual conductance, transmitting and receiving station circuits. The first meeting will be open to those interested.

* * *

Henry Starr, the first colored entertainer to sign his name on the dotted line at KGO, Pacific Coast station of the General Electric Company, turned down a movie contract for radio. King Vidor selected Starr for the lead in "Hallelujah," the first negro story to be made for the screen. Starr had already tasted film success in "Four Devils," and decided that he would rather syncopate and sing over the air than emote before a cranking camera.

* * *

Coming as a surprise to their friends and admirers of radioland, Miss Virginia Flohri and Carl Haverlin, commercial manager of KFI, were married in a quiet ceremony at the Beverly Hills home of the bride's parents, Mr. and Mrs. Emil Flohri, on Monday, March 4, at 4 o'clock in the afternoon.

Although their engagement was announced last June, the wedding came as a surprise to their friends, as it was generally thought that the young couple would be married during the summer months.

Plans for a honeymoon trip have been postponed until June, as business engagements of both parties will interfere. More than fifty intimate friends were in attendance at the ceremony.

* * *

After three years in West Point, Billy Murray, KFI announcer, decided that a career as an army officer would not be as interesting as the life behind the footlights. Before joining KFI's staff he was connected with the West Coast Theatres in Los Angeles.

You are missing much if you haven't heard the Dobyns Patent Leather Kids Orchestra over the Dobyns radio station. They play a dance program from 6 to 7 every evening except Monday. * * *

If frogs in back of the Oakland studios of KGO could read, the General Electric station would undoubtedly have to add them to its payroll. Whenever microphones pick up their croaking the California station is sure to get a letter from some listener commenting on the informal frog concert and the enjoyment derived thereby. In the city folk the KGO frogs seem to have their warmest admirers.

* * *

One of the pioneer radio stations of San Francisco, for several years owned by Glad Tidings Temple and known as KGTT has changed hands recently. The station is now owned by the Golden Gate Broadcasting Company, and the new call letters authorized by the Federal Radio Commission are KGGC. Under the new ownership the station will undoubtedly widen its scope of usefulness and service.

* * *

Paul Reese, veteran radio announcer, singer and program director, has returned to the air after an absence of several years and will be heard over KNX, Hollywood, with the famous Rounders, a Dudley Chambers organization.

* * *

Monroe Jockers and his concert orchestra have been added to the staff at station KNX, Hollywood. The well-known leader will present daily programs over the powerful Paramount-Express station.

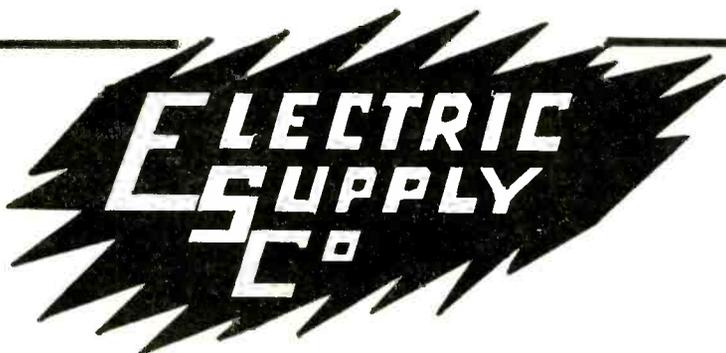
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Hugh Barrett Dobbs---KPO

By MONROE R. UPTON

HAPPY DAYS," says the optimistic voice in your loud-speaker, and a unique broadcast of sympathetic good cheer that has covered the entire Pacific Coast, dominated by a single personality, comes to a close until the following morning. It is the radio personality J. E. Doyle of the Oakland Post-Enquirer has called the most outstanding on the bay region air today. It is none other than Hugh Barrett Dobbs, whose name has been affectionately contracted to "Dobbsy."

It is the man's peculiar virtue that he is able to give to those who are beset with trials and tribulations the sympathy, solace and stimulation which renews their hope and faith in living. Not merely by the words he speaks does he do this, but largely through the significant inflections of his voice. When he talks one must listen to the message and one remembers what has been said because the emotions have been touched.

"Dobbsy" calls his morning barrages of optimism against the negative emotions which destroy the possibilities of decent daily living "ammunition." He was born in Bowling Green, Kentucky, 1885. Following in the footsteps of his mother's family, his father's family had been professional men, he went from high school into Annapolis Naval Academy and might have carved for himself a career with real U. S. Government "ammunition," one to rival that of his illustrious cousin, Richard Pearson Hobson, who sank the Merrimac at Santiago June 3, 1898, had it not been for his participation in a hazing scrape. Together with a dozen other lads, whose youthful exuberances found outlets not exactly in keeping with the academy's ideas of discipline, he was expelled.

The young man felt pretty badly about it. He saw his hopes for a career go glimmering. Sensing the despair in him, his father, Willoughby Dobbs, now a prominent New York attorney, who was then a Congressman at Washington from Kentucky, sent him with some relatives on a trip around the world. When he returned he had new plans for a career and entered Johns Hopkins Medical School at Baltimore to fit himself to be a physical instructor. He wanted as solid a foundation as science afforded for an occupation that is largely infested with

mountebanks. After completing the four-year course he traveled about the country for a while, teaching physical training. Then came the playground period of his life.

The idea of outdoor gymnasiums for children came from the brain of Hugh Barrett Dobbs. He built them for the city of New York and remained there for several years instructing the children in their play. Judge Lindsay sent for him to build Denver's playgrounds. From there he moved on to Seattle and built the playgrounds for that city.

In those days, about 1905, Seattle was the taking-off place for the adventurous ones who were flocking to Alaska. Young Dobbs not only had plenty of love for adventure in his veins, he possessed the physique which clamors for expression in the out-of-doors. During his four years in Alaska much of the time he spent with the United States Government Boundary Survey, plotting the boundary between Alaska and



HUGH BARRETT DOBBS

Canada, employed as a camp hunter. Besides ammunition and camp supplies he was paid a substantial daily wage. Paid to be a big game hunter suited him perfectly.

In Seattle, in 1911, while engaged in the commercial end of the motion picture industry, selling films, he fell in love with and married Miss Alma Hemrich. They have two children, a boy sixteen, Barrett W. Dobbs, who is a champion golf player, and a girl eleven, who already shows remarkable promise as a musician.

Dropping down to San Francisco he sold musical instruments on the road and then opened up a gymnasium. It occurred to him that morning exercises could be most advantageously tied up with radio broadcasting and he first went on the air June 22, 1925, over KGO. He switched to KFI, Los Angeles, but after three months returned to San Francisco again and went on KPO in September, 1926, from which station he has been increasing his activities and influence ever since. At the present time he daily pilots the Shell Ship of Joy from 8 to 9 a. m. over a network of stations including KPO, KFI, KSL, KOMO, KHQ and KGW.

"Dobbsy" feels when he is broadcasting the same way he would in conversing with or singing for a group of his intimate friends.

(Continued on Page 80)

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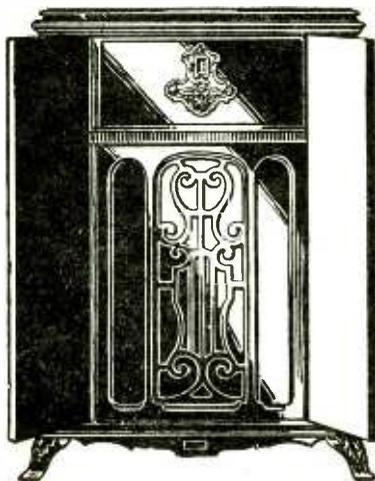
All times shown are P. M. Pacific Standard Time

Call—Keys—City	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
CFAC 690 Calgary.....	6-9	8-9	6-8	6-7	6-9		
CFCA 840 Toronto.....		6-7	6-9	6-9		6-9	6-9
KDKA 980 Pittsburg.....	6-7	6-7:30	6-9	6-9	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
WAPI 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
WBEM 770 Glenview, Ill.....	6:30-8	5-9	5-9	5-9	5-9	5-9	5-9
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
WEHI 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		6-8:30		6-8:30		6-8:30
WGN 720 Chicago, Ill.....	5-10	5-10	5-10	5-10	5-10	5-10	5-12
WGR 550 Buffalo, N. Y.....	6-8	5-10	5-9	5-9	5-10	5-8	5-8
WGY 790 Schenectady.....	6-8	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.....	5-7	5-9	5-9	5-9	5-9	5-9	5-10
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.....	5-8	5-8	5-8	5-8	5-8	5-8	5-8
WLAC 1490 Nashville.....							
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
WMCA 550 New York City.....	5-11	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	6-5	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 Clearwater		6-9	6-9	6-9	6-9	6-9	6-9
WTIC 600 Hartford, Conn.....	5-6	5-8	5-8	5-8	5-8	5-8	5-8

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Coast Station Information

The following information has been compiled by Broadcast Weekly. It has been corrected to date and will be repeated from time to time.

Save it until the next appears.

- KDB**—Santa Barbara Broad. Co., Santa Barbara, Calif.
199.9 meters; channel 150; power 100
Manager: H. J. Hine
Technician: V. M. Goldsmith
Day Phone Number: 6230
Night Phone Numbers: 3118-6230
- KEJK**—R. S. MacMillan, Beverly Hills, Calif.
239.9 meters; channel 125; power 500
Manager: John W. Swallow
Program Director: Edmund Lytton
Technicians: Kenneth Ormiston, Chas. Bush
Day Phone: Oxford 1036, 1303
Night Phone: Oxford 7141
- KELW**—Earl L. White, Burbank, Calif.
384.4 meters; channel 78; power 500
Manager: H. W. Cole
Program Director: Harry James
Technicians: S. Wainwright and C. A. Riggs
Day and Night Phones: Bur. 1601-02; Gr. 3192
- KEX**—Western Broadcasting Co., Portland, Ore.
254.1 meters; channel 118; power 2500
Manager: Jack Barnett
Program Director: Lewis Tee Garden
Technician: C. R. Clark, Chief Engineer
Day and Night Phones: Atwater 3111-3112
- KFBK**—Kimball Upson Co., Sacramento, Calif.
228.9 meters; channel 131; power 100
Manager: W. H. James
Program Director: Ralph K. Clark
Technicians: S. A. Melnicoe and E. Reimers
Day and Night Phone: Main 8700
- KFBL**—Leese Bros., Everett, Wash.
218.8 meters; channel 137; power 50
Manager: O. Leese
Program Director: J. Albert Folkins
Technicians: Robt. Leese and A. R. Tingstad
Day and Night Phones: Main 526
- KFEC**—Meier & Frank Co., Portland, Ore.
218.8 meters; channel 137; power 50
Manager: Sid Goodwin
Program Director: Sid Goodwin
Technicians: R. E. Hartzog, E. C. McKewon
Day and Night Phones: Br. 4411
- KF1**—Earle C. Anthony, Los Angeles, Calif.
468.5 meters; channel 64; power 5000
Manager: Arthur F. Kales
Program Director: Robert Hurd
Technicians: H. L. Blatterman, C. W. Mason, Seymour Johnson, H. M. Lindgren and L. W. Packard
Day Phone: Westmore 0331
Night Phone: Westmore 0337
- KFJ1**—George Kincaid, Astoria, Ore.
218.8 meters; channel 137; power 50
Manager: J. Robert Hughes
Program Director: Clay Osborn
Technician: Luverne Shatto
Day Phones: 450 and 525
Night Phone: 450
- KFJR**—Ashley C. Dixon & Son, Portland, Ore.
230.6 meters; channel 130; power 500
Manager: Ashley C. Dixon
Program Director: Ashley C. Dixon
Technician: Lawrence Rathkey
Day and Night Phones: Broadway 2468
- KFOX**—Nichols & Warriner, Long Beach, Calif.
239.9 meters; channel 125; power 1250
Manager: Hal G. Nichols
Technicians: Five
Day and Night Phones: 672-81
- KFP**—Symons Investment Co., Spokane, Wash.
215.7 meters; channel 139; power 500
Manager: E. B. Craney
Program Director: T. W. Baird, Jr.
Technicians: Ed Gradey, Tom Atherstone
Day and Night Phones: Main 1216-17-18-19
- KFQU**—W. E. Riker, Holy City, Calif.
211.1 meters; channel 142; power 1500
Manager: W. E. Riker
Program Director: Lucille Riker
Technician: F. Rommel
Day and Night Phones: Los Gatos 458J
- KFQW**—KFQW Inc., Seattle, Wash.
211.1 meters; channel 142; power 100
Manager: Edwin A. Kraft
Program Director: Harry R. Long
Technicians: J. W. Holcomb, Tech. Director
Day Phone: EL 6675
- KFQZ**—Taft Radio & Br. Co., Hollywood, Calif.
348.6 meters; channel 86; power 1000
Manager Monroe Manning
Program Director: Pearl Bestman
Technicians: L. E. Taft and Al Weinert
Day and Night Phones: West 3001-02-03-04
- KFRC**—Don Lee, San Francisco, Calif.
491.5 meters; channel 61; power 1000
Manager: Harrison Holliday
Program Director: Helen O'Neill
Technicians: Alan N. Cormack, Chief; V. W. DeRoco, Ray Foley
Day and Night Phones: Prospect 0100
- KFSD**—Airfan Radio Corp., San Diego, Calif.
499.7 meters; channel 60; power 500
Manager: T. H. Sexton
Program Director: Dorothy Zimbleman
Technicians Gene Merrit and Jack Clement
Day and Night Phones: Franklin 6353
- KFSG**—Echo Pk. Evan. Assn., Los Angeles, Cal.
267.7 meters; channel 112; power 500
Manager: Roderick H. Morrison
Program Director C. N. Tucker
Technician: Maurice Kennedy
Day and Night Phones: Fitz 5121
- KFVD**—Los Angeles Broadcasting Co., Culver City, Calif.
428.3 meters; channel 70; power 250
Manager: C. F. Carr
Program Director: Chet Cathers
Technician: M. S. Adams
Day and Night Phones: Santa Monica 77115
- KFWB**—Warner Broad. Co., Hollywood, Calif.
315.6 meters; channel 95; power 1000
Manager: Gerald King
Program Director: Gerald King
Technicians: Leslie Hewitt, Chief; Calbert Applegate, Earl Sitar, E. Walter Swift
Day and Night Phones: Glad. 9461-2, 2711
- KFWC**—James R. Fouch, Ontario, Calif.
249.9 meters; channel 120; power 100
Manager: E. L. Landsberg
Program Director: Roy Adams
Technician: Mr. Griffin
Day and Night Phones: Pomona 1147
- KFW1**—Radio Entertainments, San Francisco
322.4 meters; channel 93; power 500
Manager: Charles L. Peck
Program Director: Mildred Schneider
Technician—Leon Fry, director
Day and Night Phones: Market 1140-1141
- KFWM**—Oakland Educ. Society, Oakland, Calif.
322.4 meters; channel 93; power 500
Manager: W. R. Fraser
Program Director: O. B. Eddins
Technician: William Madole
Day and Night Phones: Merritt 0635-0636

- KGA**—Northwest Radio Serv. Co., Spokane, Wn.
204 meters; channel 147; power 5000
Manager: H. E. Studebaker
Program Director: Carrie Andrew
Technicians: C. R. Gavvin, Carl Johnson
Day and Night Phones: Main 3434
- KGB**—S. W. Broadcast. Corp., San Diego, Calif.
220 meters; channel 136; power 250
Manager: George M. Herndon
Program Director: L. S. McMahon
Technician: C. A. Sullivan
Day and Night Phones: Franklin 6151-6153
- KGDM**—E. F. Pepper, Stockton, Calif.
272.6 meters; channel 110; power 50
Manager: E. F. Pepper
Program Director: Bessie Chesebro
Technician: A. H. Green
Day and Night Phones: 794-795
- KGEF**—Trinity Methodist Church, Los Angeles
230.6 meters; channel 130; power 1000
Manager: C. C. Hooper
Program Director: E. C. Huckabee
Technician: Marvin J. Hankins
Day and Night Phones: Westmore 1773
- KGEM**—Irey & Bowles, El Centro, Calif.
249.9 meters; channel 120; power 15
Managers: Irey and Bowles
Program Director and Announcer: F. Bowles
Technician: E. R. Irey
Musical Director: D. R. Deable
Day and Night Phones: 1100
- KGER**—C. Merwin Dobyns, Long Beach, Calif.
218.8 meters; channel 137; power 100
Manager and Owner: C. Merwin Dobyns
Program Director: Bertha Brewster
Announcers: Harry Brewster and E. Merrill
Technicians: Harold Bender, chief; Jay Tapp
Day and Night Phones: 632-75
- KGFH**—Fred Robinson, Glendale, Calif.
299.8 meters; channel 100; power 250
Manager: Russell L. Rust
Program Director: Marcla Conrad
Technician: Barrett Cosby
Day and Night Phones: Douglas 3326
- KGFJ**—Ben S. McGlashan, Los Angeles, Calif.
211.1 meters; channel 142; power 100
Manager: Calvin J. Smith
Program Director: Thelma Kirchner
Announcer: Larry Snell
Day and Night Phones: Westmore 7777-7778
- KGO**—General Electric Co., Oakland, Calif.
379.5 meters; channel 79; power 10,000
Manager: Howard I. Milholland
Program Director: Howard I. Milholland
Technician: Walter D. Kellogg, Engineer
Day and Night Phones: Fruitvale 5980
- KGW**—Oregonian Pub. Co., Portland, Ore.
483.6 meters; channel 62; power 1000
Manager: Harry Anderson
Program Director: Stephen I. Gaylord
Technicians: Verne Haybarker and 3 operators
Day and Night Phones: Atwater 2121
- KGY**—St. Martin's College, Lacey, Wash.
249.9 meters; channel 120; power 50
Manager: Sebastian Ruth
Program Director: Sebastian Ruth
Day and Night Phones: Olympia 1174J
- KHJ**—Don Lee, Inc., Los Angeles, Calif.
333.1 meters; channel 90; power 1000
Managers: E. K. Barnes and Glenn Dolberg
Program Director: Glenn Dolberg
Technicians: H. G. Peery, Ernest Underwood,
Dean Moffitt Murray
Day and Night Phones: TR 8411
- KHQ**—Louis Wasmer, Inc., Spokane, Wash.
508.2 meters; channel 59; power 1000
Manager: Louis Wasmer
Program Director: Betty Wasmer
Technician: A. G. Sparling
Day and Night Phones: Main 5383
- KJBS**—J. Brunton & Sons, San Francisco, Calif.
260.7 meters; channel 115; power 100
Manager: Ralph R. Brunton
Program Director: Ronald J. Smith
Technician: George Brown
Day and Night Phones: Graystone 3717
- KJR**—Northwest Radio Service, Seattle, Wash.
309.1 meters; channel 97; power 5000
Manager: Royal T. Forbes
Program Director: Arthur L. Fram
Technician: Clarence R. Clark
Day Phone: Main 2495
Night Phone: Main 2475
- KKP**—City of Seattle, Wash., Harbor Dept.
218.8 meters; channel 137; power 15
Manager: Arthur C. Dailey
Technician: Arthur C. Dailey
Day and Night Phones: Ell. 1881
- KLS**—Warner Bros., Oakland, Calif.
208.2 meters; channel 144; power 100
Manager: C. E. Boone
Technicians: Howard E. Falknor, first; Ber-
nard E. Eastman, second
Day and Night Phones: Lakeside 6223
- KLX**—Tribune Publishing Co., Oakland, Calif.
340.7 meters; channel 88; power 500
Manager: Preston D. Allen
Program Director: Chas. Lloyd
Technicians: R. S. Smith, James Blanchet
and A. Brodie
Day Phone: Lakeside 6000
Night Phone: Lakeside 6015
- KMED**—W. J. Virgin, Medford, Ore.
228.9 meters; channel 131; power 50
Manager: Mrs. W. J. Virgin
Program Director: Floyd M. Rush
Technician: F. M. Rush
Day Phone: 305
Night Phone: 305J-2
- KMIC**—Jas. R. Fouch, Inglewood, Calif.
267.7 meters; channel 112; power 250
Manager: James R. Fouch
Program Director: Little Eddie Barnes
Technicians: C. B. Olmstead, Robert Lytle,
A. F. Goldboro
Day and Night Phones: Thornwall 1121, York
8545, Inglewood 1897
- KMJ**—The Fresno Bee, Fresno, Calif.
249.9 meters; channel 120; power 50
Manager: E. S. Riggins
Program Director: H. R. McLaughlin
Technician: Hap Webster
Day Phone: Fresno 3-5221
Night Phone: Fresno 2-8817
- KMO**—KMO, Inc., Tacoma, Wash.
223.7 meters; channel 134; power 500
Manager: Carl E. Haymond
Program Director: Margaret Haymond
Technician: J. D. Kolesar
Day and Night Phones: Ma 4144
- KMTR**—KMTR Radio Corp., Hollywood, Calif.
526 meters; channel 57; power 1000
Manager: Gerald G. Staley
Program Director: Loren Powell
Technician: Forbes Van Why
Day and Night Phones: Ho. 3026
- KTM**—Pickwick Br. Corp., Santa Monica, Calif.
384.4 meters; channel 78; power 500
Manager: Frank N. Bull
Program Director: Bill Sabransky
Technicians: Clarence B. Juneau, William
Snider and E. L. Gray
Day and Night Phones: Dunkirk 5154-5194
- KNX**—L. A. Evening Express, Hollywood, Calif.
285.5 meters; channel 105; power 5000
Manager: Naylor Rogers
Program Director: Naylor Rogers
Technician: N. D. Garner
Day and Night Phones: Hemp. 4101
- KOAC**—Oregon State Agric. College, Corvallis
535.4 meters; channel 56; power 1000
Program Director: W. L. Kadderly
Technicians: Jacob Jordan and Grant Felkert
Day and Night Phones: 620

- KOIN—KOIN Inc., Portland, Ore.**
319 meters; channel 94; power 1000
Manager: The Portland News
Program Director: Dolph Thomas
Technician: Clifton Watson
Day Phone: At. 4151
Night Phone: At. 5262
- KOL—Seattle Broad. Co., Seattle, Wash.**
236.1 meters; channel 127; power 1000
Studio Director: Cecil Underwood
Program Director: Ward Ireland
Technicians: Chas. Burson and Jas. Clark
Day and Night Phones: Main 8000
- KOMO—Fisher's Blend Station, Seattle, Wash.**
325.9 meters; channel 92; power 1000
Manager: Bert F. Fisher
Program Director: Montgomery Lynch
Technicians: F. J. Brot and Tom Rewak
Day and Night Phones: Elliot 5890
- KPCB—Pacific Coast Biscuit Co., Seattle, Wash.**
247.8 meters; channel 121; power 100
Manager: L. D. Greenway
Program Director: Florence Wallace
Technician: John R. Hill
Day and Night Phones: Ma. 7997
- KPLA—Pacific Dev. Radio Co., Los Angeles, Cal.**
526 meters; channel 57; power 1000
Manager: A. Macdonald
Program Director: Harry McCoy
Technicians: G. M. Sprague, George Hammer,
W. Brown and M. Winsor
Day and Night Phones: Trinity 3202
- KPO—Hale Bros. and Chronicle, San Francisco**
440.9 meters; channel 68; power 5000
Manager: J. W. Laughlin
Program Director: Jean Crowe
Announcer and Technician: Curtis Peck
Day and Night Phones: Kearny 0704
- KPPC—Pasadena Pres. Church, Pasadena, Cal.**
249.9 meters; channel 120; power 50
Manager: David Black
Program Director: David Black
Technician: Frederick T. Swift
Day and Night Phones: Terrace 1163
- KPQ—Archie Taft & Louis Wasmer, Seattle, Wn.**
247.8 meters; channel 121; power 100
Manager: C. A. Berger
Program Director: Don Johnson
Technician: Herman Reise
Day Phone: El. 1433; Night Phone: Sa. 7809
- KPSN—Pasadena Star-News, Pasadena, Calif.**
315.6 meters; channel 95; power 1000
Manager: George Cecil Cowing
Program Director: P. C. Pryor
Technician: H. E. Satterfield
Day and Night Phones: Wakefield 3111
- KQW—First Baptist Church, San Jose, Calif.**
296.9 meters; channel 101; power 500
Manager: Fred J. Hart
Program Director: Ira L. Smith
Technicians: Harry Saine, Frank Reynolds
Day and Night Phones: Col. 777
- KRSC—Radio Sales Corp., Seattle, Wash.**
267.7 meters; channel 112; power 50
Manager: Robert E. Priebe
Program Director: Robert E. Priebe
Technician: Robert E. Priebe
Day and Night Phones: Main 5494
- KTAB—Pickwick Broad. Co., Oakland, Calif.**
545.1 meters; channel 55; power 500
Manager: Bob Roberts
Program Director: Stephen Hobart
Technician: Raymond Bitzer
Day and Night Phones: Garfield 4700
- KTBI—Bible Inst. of Los Angeles, Calif.**
230.6 meters; channel 130; power 1000
Manager: Harry P. Herdman
Program Director: Harry P. Herdman
Technician: R. W. Burns
Day and Night Phones: Metropolitan 6701
- KTBR—M. E. Brown, Portland, Ore.**
230.6 meters; channel 130; power 500
Manager: M. E. Brown
Program Director: M. E. Brown
Technician: C. A. Baker
Day and Night Phones: Beacon 7000 and Lan-
caster 1700
- KUJ—Lovejoy & Kerfoot, Longview, Wash.**
199.9 meters; channel 150; power 10
Manager: R. G. Snead
Program Director: R. G. Snead
Technician: Alvin Stenro
Day and Night Phones: 352-J
- KVI—Puget Sound Broad. Co., Tacoma, Wash.**
223.7 meters; channel 134; power 1000
Manager: C. M. Winningham
Program Director: F. L. Winningham
Technician: Howard Reichert
Day Phone: Main 1530; Night: Main 3960
- KVL—Arthur C. Dailey, Seattle, Wash.**
218.8 meters; channel 137; power 100
Manager: Arthur C. Dailey
Program Director: Grace Dailey
Technician: Arthur C. Dailey
Day and Night Phones: Ell. 1881
- KVOS—L. Kessler, Bellingham, Wash.**
249.9 meters; channel 120; power 100
Manager: L. Kessler
Program Director: Dorothy P. Frank
Technicians: Wesley M. Bell and M. D. Brown
Day Phone: 1627
Night Phones: 1627 and 1366
- KWG—Port. Wireless Tel. Co., Stockton, Calif.**
249.9 meters; channel 120; power 100
Manager: G. A. Turner
Program Director: George J. Turner
Technician: W. H. Phillips
Day and Night Phones: 580 and 581
- KWSC—State College of Washington, Pullman**
250.7 meters; channel 139; power 500
Manager: Dr. Frank F. Alder
Program Director: Arvilla Weisel
Technician: Harvey Wixson
Day and night Phones: 227M
- KWTC—Pacific Broad. Sec., Santa Ana, Calif.**
199.9 meters; channel 150; power 100
Manager: Dr. John Wesley Hancock
Program Director: Edith C. Hancock
Technicians: Dr. John Wesley Hancock and
Glen Litten
Day and Night Phones: 1896
- KXA—American Radio Tel. Co., Seattle, Wash.**
526 meters; channel 57; power 500
Manager: Vincent I. Kraft
Program Director: Ben H. Wold
Technicians: Eugene Fraer, Eugene Zaluskey
Day and Night Phones: Elliot 1634
- KXL—KXL Broadcasters, Portland, Ore.**
239.9 meters; channel 125; power 1000
Manager: C. R. Hunt
Program Director: Roland Truitt
Technicians: H. B. Read, C. Bloomsness and
Victor Carson
Day and Night Phones: Beacon 0456
- KXRO—KXRO, Inc., Aberdeen, Wash.**
211.1 meters; channel 142; power 50
Manager: Harry R. Spence
Program Director: Helen G. Spence
Technicians: W. M. Goffin and Don Harris
Day and Night Phones: Aberdeen 4098-4099
- KYA—Pacific Broad. Co., San Francisco, Calif.**
243.8 meters; channel 123; power 1000
Manager: Clair E. Morrison
Program Director: Liborius Hauptmann
Technicians: T. B. Palmer, Edward Ludes and
J. R. Brunhouse
Day and Night Phones: Prospect 3456

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The EQUASONNE

Console De Luxe 1 MODEL 109

A complete electric console with a thrilling tone perfection that is fairly breath-taking in its exquisiteness. This model has a special built-in free edged moving type speaker, ultra-powered and as grippingly harmonious as a rare old 'cello. Encased in a carved walnut cabinet of beautiful appointment.

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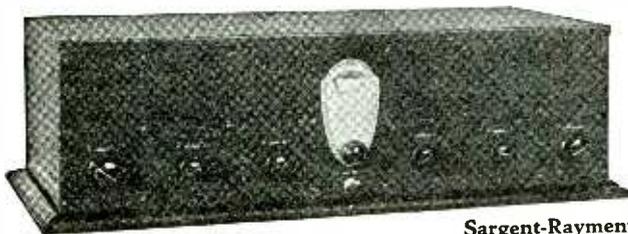
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Aero	Ekko	Phones (Cannon Ball)
Aerovox	Electrad	Pierson (Consoles)
Air King	Electrahot (Soldering Irons)	Polarizers (Black Bros.)
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Alden (Naald)	Fahnestock	Pyrex (Corning Glass Co.)
Alhambra Fonetex (Paper)	Falck Claroceptors	Qualltone (Loops)
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American Beauty (Soldering Irons)	Firth (Soldering Fluid)	Ray-O-Vac
American Hdwe. Co.	Fleron	Raytheon
Amertran	Floats	Rajah (Terminals)
Amperite	Fonetex (Cone Paper)	Remler
Amsco	Formica	Resistances (Ward Leonard)
Arcturus	Fritts	Samson
Aston (Consoles)	Frost	Sangamo
Baldwin	Gosilco Wire	Sargent Rayment
Balls (Morris Antenna)	Grounds (Paragon)	Scott
Barkelaw (Phone Tips)	Hammarlund	Signal
Belden	Hammarlund Roberts	Simplex (Lotan Solder)
Benjamin	H. F. L. Kits	Silver Marshall
Bethlehem Radio Corp.	Holyoke (Cables and Cords)	Skindervicken (Buttons and Induction Coils)
Birnbach	Home Charger Points	Sodderdip (Lugs)
Black Bros.	Horns (Racon)	Solder (Kester)
Blue Bird (Consoles)	Howl Caps (McDonald)	Solderall (Brach)
B. M. S. (Microphones)	Hydrometers	Soldering Fluid (Firth)
Bodine	Insulators (Pyrex)	Soldering Irons (American Beauty)
Books (Drakes)	Insulators (Little Joe)	Soldering Irons (Electrahot)
Books (Conrad)	Insuline Corp.	Soldering Paste (Burnley)
Brach	Jefferson	Spaghetti (Acme)
Braidite (Cormish Wire)	Jensen Speakers	Spintite (Wrenches)
Brielle Units (Penn)	Jewell Meters	Sterling
Browning Drake	Johnson, E. F. (Microphones)	Stevens (Tools)
Bulbs (Tungar)	Jones (Plug and Cables)	Sunset Aerials
Burnley (Soldering Paste)	Karas	Sunset Grounds
Cables and Cords (De Luxe)	Kellogg	Temple (Comparators)
Cannon Ball (Phones)	Kester (Solder)	Testrite (Hydrometers)
Carborundum	Knapp	Thordarson
Cardwell	Kuprox Units	Tips (Phone, Barkelaw)
Carter	Kurz-Kasch	Tobe
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Celatsite (Acme)	Lynch	Transformers (Black Bros.)
Cement (Accusti-Cone)	Magnaformer	Transformer Coils
Cement (Ambroid Penn)	Magnavox	Tungar
Centralab	Marco	Twin Coupler
Claroceptors (Falck)	Markone Speakers	Tyrman
Clarostats	McDonald (Howl Caps)	United (Cabinets)
Clips (Fahnestock)	Microphones (B. M. S.)	Universal (Microphones)
Clips (Mueller)	Microphones (E. F. Johnson)	Utah (Big Chief Units)
Coils (Transcontinental)	Microphones (Universals)	Victoreen
Comparators (Temple)	Morris (Ball Antennas)	Vitalitone (Units)
Cone (Apexes)	Mueller (Clips)	Ward Leonard
Consoles (Aston Cabinet Co.)	Muter	Weston
Consoles (Blue Bird Co.)	Naald (Alden)	Wire (Braidite)
Consoles (Cedar Creek)	National	Wire (Gosilco)
Consoles (Pierson)	Ohmite	Wire (Ross)
Consoles (United)	Pacent	Wrenches (Spintite)
Conrad (Books)	Panels (Bakelite)	Wright-DeCoster
Corning Glass (Pyrex)	Panels (Rubber)	X-L Laboratories
Cornish Wire (Braidite)	Paper (Alhambra Fonetex)	Yahr-Lange (Aerial Balls)
Crystals	Paragon (Grounds)	Yaxley
Culver Sterns	Parvolt (Condensers)	
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Screen Grid Seven

Single
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Verniers
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Working Model always on display using
S-M 670 B-Eliminator and Knapp "A"

Here are a few things the Sargent-Rayment Seven has done this year:

1. Received 116 stations in two nights from a Pacific Coast location.
2. Received signals (verified) from Japan, Australia, New Zealand, Alaska, Honolulu, Canada, Mexico, Cuba, and South Africa.
3. Established new long distance records for broadcast reception.
4. Operated consistently over a range of 1000 miles daylight reception (between 9 a.m. and 4 p.m.). This applies to country locations only.
5. Offers the best balance between tone quality, selectivity, and distance. Designed for the man who wants the best there is in radio reception.

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Metro-Goldwyn-Mayer star tuning in on her new model Kolster

Trade in your
old set **NOW**
and get up to
\$100 allowance
on a **NEW**
KOLSTER
Radio

SEE YOUR DEALER



TOPICS OF THE TRADE



G. Harold Porter, Pacific Coast manager for the Radio Corporation of America, and a director of the Pacific Radio Trade Association, is now in Honolulu and will return April 3.

E. G. Arnold, Northern California manager of Kierulff & Ravenscroft, distributors for Crosley radio receivers, is also chairman of the membership committee of the Pacific Radio Trade Association. Mr. Arnold and his committee are making a very good sales talk for the association.

James S. Remick Company, Sacramento, distributors of Sparton and Zenith receivers for Northern California, has just been purchased by the Chanslor-Lyon Company of San Francisco.

Don Slocum, for many years manager of the radio department of Kimball & Upson Company, Sacramento, distributors for Majestic receivers in Northern California, has accepted the management of the Majestic Distributing Company at Portland, Oregon.

Abner Wilson, formerly associated with the Fobes Supply Company, has accepted the appointment of sales manager with the Majestic Distributing Company of Seattle.

Belden S. Gardner, manufacturers' agent during the last few years, is now associated with the Kolster Radio Corporation.

Harold C. Bodman, sales manager for the Silver-Marshall Company of Chicago, manufacturers of radio parts and kits, and recently licensed by the Radio Corporation to manufacture radio receivers, will arrive in San Francisco this week. We are looking forward to hearing something about their new line of receivers.

The Pacific Radio Trades Association reports that the employment bureau has been very busy during the last week. No charge is made for the service.

J. F. Brown, of the Pacific Wholesale Radio Company, San Francisco distributors of Eveready receivers and also the Freed-Eisemann receiver, has just been presented with a daughter.

William Stevenson, manager of the radio department of the Hampton Hardware Company, Marysville, spent several days in San Francisco during last week.

Harold G. Cunningham, traveling ambassador for E. T. Cunningham, Inc., manufacturers of the well-known Cunningham radio tube, just returned from an extended trip to Reno. Harold's friends are wondering if it was radio business that took him there.

W. F. Trego, with C. L. Stakey, radio dealer of Arcada, California, was a visitor in San Francisco last week looking over the Eveready consoles receivers just received by the Pacific Wholesale Radio Company.

Ed Butler, engineer of note with the E. T. Cunningham Company, manufacturers of the nationally known Cunningham radio tube, sojourned to San Jose on March 13 in order to speak before the San Jose Engineers' Club at the Elks' Club. He spoke on "The Manufacture of Radio Tubes."

That the phrase "complete with tubes" has been one of the most powerful good-will factors in the extremely rapid growth of the Sparton Radio business is the opinion expressed by Capt. William Sparks, president of the manufacturing company.

"I believe," says Capt. Sparks, "that there is something deeper than the mere matter of dollars and cents involved. It is my opinion, backed by observation, that sales are actually lost through resentment when additional costs mount, and that this resentment is out of all proportion to the actual money involved.

"Practically from the start it has been our policy to quote the actual amount the buyer will pay for the set complete, with tubes, speaker, everything. In many cases our dealers are asked about what 'additional' costs there are. The satisfaction of the buyer when he learns that there are no 'extras' creates a good-will that is very definite, but cannot be estimated in value.

"Then there is the additional leverage provided for the closing of sales. The public has been of the opinion that Sparton is a high-priced set. When dealers compare the final cost of Sparton with others the prospect may be interested in, the comparison is often productive of sales.

The SPARTON EQUASONNE

**ALL WHO
HEAR IT
MARVEL**



\$395

**COMPLETE
WITH
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*Other Models
\$152.50 to \$925*

The SPARTON EQUASONNE
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AMAZING is the absolute Tone Truth of the new Sparton EQUASONNE, but still more amazing is its tone *completeness*. All the rich overtones . . . all of everything that is in the original music is in this perfect reception as well. Hear the EQUASONNE and you, too, will marvel.

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WRITING on "New Trends in Radio Design for 1929-30," Keith Henney in the magazine "Radio Broadcast" states that the two most important coming developments are:

- 1.—The Band Selector,
- 2.—The Single Stage Audio.

Both of these revolutionary improvements were developed by Sparton Engineers and have been incorporated for a full six months in the Sparton Equasonne. And in 1929 they are brought to a higher state of perfection than ever before.

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. . . why, for the first time in radio history, you get knife-edge selectivity and a positive elimination of interference.

. . . why you not only get distance but get it at room volume, clear, round and distinct.



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Binghamton	2440
Brooklyn	2550
Buffalo	2285
Canton	2460
Cazenovia	2435
Coney Island	2550
Farmingdale	2530
Freeport	2575
Greenville	2525
Ithaca	2410
Jamaica	2560
Jamestown	2275
Long Beach	2565
Long Island	2550
Martinsville	2275
New York City	2550
Rochester	2345
Rossville	2545
Saranac Lake	2510
Syracuse	2420
Troy	2545
Utica	2465
Woodhaven	2560
Woodside	2550

NORTH CAROLINA

Ashville	2185
Charlotte	2285
Gastonia	2260
Greensboro	2325
Raleigh	2390
Wilmington	2459

NORTH DAKOTA

Bismarck	1260
Devils Lake	1380
Fargo	1440
Grand Forks	1455
Mandan	1255

OHIO

Akron	2160
Bellefontaine	2050
Cambridge	2170

Cincinnati	2025
Cleveland	2150
Columbus	2090
Dayton	2035
Hamilton	2020
Mansfield	2110
Mason	2033
Middletown	2030
Springfield	2055
Steubenville	2215
Toledo	2055
Youngstown	2205

OKLAHOMA

Alva	1295
Chickasha	1360
Enid	1340
Norman	1385
Oklahoma City	1375
Picher	1495
Ponca City	1380
Tulsa	1450

OREGON

Astoria	590
Corvallis	475
Eugene	435
Marshfield	395
Medford	315
Portland	540

PENNSYLVANIA

Allentown	2480
Altoona	2330
Carbondale	2465
Elkins Park	2500
Erie	2225
Frankford	2500
Grove City	2235
Harrisburg	2410
Johnstown	2305
Kingston	2450
Lancaster	2435
Lewisburg	2400
Oil City	2250
Philadelphia	2505
Pittsburgh	2250
Reading	2405
Scranton	2460
Washington	2235

Wilkesbarre	2450
Wilkesburg	2260

RHODE ISLAND

Cranston	2670
Newport	2680
Pawtucket	2670
Providence	2670

SOUTH CAROLINA

Charleston	2385
Columbia	2300

SOUTH DAKOTA

Brookings	1395
Dell Rapids	1395
Oldham	1370
Pierre	1225
Rapid City	1085
Sioux Falls	1390
Vermillion	1375
Yankton	1350

TENNESSEE

Knoxville	2100
Lawrenceburg	1935
Memphis	1785
Nashville	1945
Springfield	1935
Union City	1820
Chattanooga	2045

TEXAS

Amarillo	1150
Austin	1500
Beaumont	1695
Brownsville	1675
Col. Station	1565
Dallas	1475
Dublin	1415
El Paso	995
Fort Worth	1450
Galveston	1685
Greenville	1505
Harlingen	1675
Houston	1635
San Antonio	1490
Waco	1490
Wichita Falls	1360

UTAH

Ogden	600
Salt Lake City	595

VERMONT

Burlington	2555
Springfield	2600

VIRGINIA

Mt. Vernon	2420
Newport News	2485
Norfolk	2495
Petersburg	2425
Richmond	2420
Roanoke	2295
Portsmouth	2495

WASHINGTON

Aberdeen	645
Bellingham	765
Des Moines	665
Everett	710
Lacey	645
Longview	585
Pullman	675
Seattle	685
Spokane	730
Tacoma	660
WASHINGTON, D. C.	2420
Washington	2420

WEST VIRGINIA

Charleston	2185
Huntington	2145
Wheeling	2210

WISCONSIN

Beloit	1770
Eau Claire	1660
Kenosha	1830
La Crosse	1665
Madison	1755
Manitowac	1840
Milwaukee	1825
Poynette	1755
Racine	1835
Superior	1655
Stevens Point	1755

WYOMING

Laramie	920
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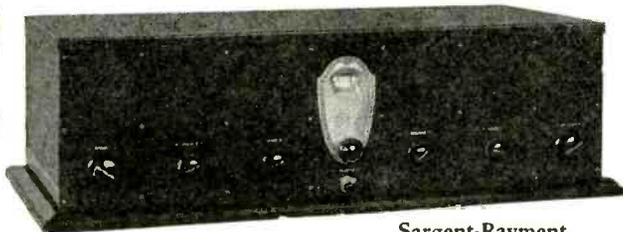
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City..... State.....

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Distance
Tuning

The Season's Best Selling Kit

The Sargent-Rayment Seven has done more than break distance records this season. It has broken sales records,—which is the best possible testimonial we can offer to show that the set really has the goods. The Sargent-Rayment has everything,—tone quality that is incomparable,—ten kilocycle selectivity,—individual verniers for fine tuning on each stage,—single dial control for local and Coast tuning,—and DX getting ability that has set new records for the others to shoot at. The dial is full of stations—big wide gaps between locals in which several Eastern stations can be heard. When you pay a good price for a radio, you are entitled to this. No need to be restricted to local reception,—you can buy a dial full of stations as easily as you can a dial full of blanks.

Designed on the Pacific Coast

The Sargent-Rayment has the distinction of having been designed on the Pacific Coast. Like our football teams, Pacific Coast radio sets are beginning to win recognition as being of distinctly "All-American" calibre. Our receiving conditions are much more difficult to contend with than anything found in the East. It is now known that a set that will work out here on the Coast will work anywhere,—and a set designed under such difficult conditions certainly has many things in its favor.

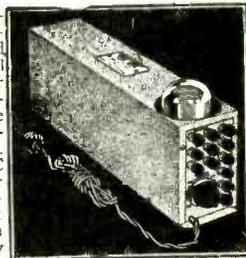
The Acid Test

Imagine operating a tuned radio frequency receiver with its antenna less than ten feet from that of a 500-watt broadcast antenna, and tuning in several distant stations WITHOUT A TRACE OF INTERFERENCE from the nearby broadcaster! That was done recently at KEJK where the Sargent-Rayment Seven was used for re-broadcasting.

The Ideal Combination

In the combination of the Sargent-Rayment Seven and the Silver-Marshall 675-ABC we offer what we confidently believe is the best radio installation at any price. The SM-675-ABC supplies "B" Power for the entire receiver and is built to handle the high voltage necessary to operate a 350-tube in the second audio stage of the receiver. The tone quality is absolutely unsurpassed. There is no emphasis placed on bass notes. All notes are equally amplified. On a quiet winter night, stations as far east as Chicago and Cincinnati are brought in with both the volume and the clearness of locals. This is hard to believe because it is not done on the ordinary set. It is done on the Sargent-Rayment Seven.

The Sargent-Rayment Seven is either "All-electric" or all-battery. Take your choice,—flexibility of design permits either method of operation. Write us for further information.



Prices

For the kit: Grained finish \$130.00;
crackle crystalline finish \$140.00.

For the built-up set: Grained aluminum finish \$150.00;
crackle crystalline finish \$160.00.

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1629 S. Hill St., Los Angeles

CENTRAL CALIFORNIA
Offenbach Electric Company
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Electric Supply Company
370 11th St., Oakland

PACIFIC NORTHWEST
Wedel Company
520 Second Ave., Seattle, Wash.

Utah Develops Remote Control of Radio Receivers

An automatic remote control tuning device for radio receivers which removes all necessity of placing dials, switches and knobs upon the panel, has been developed by the Utah Radio Products Company, Chicago. Through the use of this device the radio receiver may be controlled from an easy chair in the living room, dining room, bedroom or any other point in the home, any number of controls being used. If through the living room control Station WGN, for instance, is tuned in, the user may go to a control in another room of the house and tune another station, such as WLS. Station WGN, which was tuned in the living room, is automatically disconnected and the entertainment from WLS is immediately heard.

The remote control box, through which the radio receiver is operated, is small and compact and may be held in the palm of one's hand. It contains two knobs, one a station selector, the other a volume control. On the selector knob, any one of ten stations, either DX or local, may be dialed. It is possible to secure DX tuning, also for stations not listed on the selector dial, as two auxiliary tuning buttons are provided allowing much finer tuning than is possible through the ordinary hand control.

The mechanism of the automatic remote control tuning device is simple and may be mounted easily and economically on manufacturers' present day receivers. The device automatically turns on the set, lights the tubes and tunes. When the dial is turned to the "off" position, it automatically de-tunes the station and turns off the tubes.

A new and unique type of electric motor has been developed as an important part of this new tuning device. It is a reversible, brushless motor that causes no noise or disturbance while tuning. The entire automatic mechanism is encased in a small metal container approximately 3x7x7 inches, which lends itself easily to cabinet installation and presents no engineering problem for the manufacturer who wishes to adapt it to his present chassis design. The Utah Radio Products Company plans to limit the licensing of this automatic remote control tuning device to only those firms manufacturing high quality receiving sets.

In commenting on the new device, E. S. Riedel, General Sales Manager, stated: "The

new Utah automatic remote control, we believe, will revolutionize manual control of radio receivers. No one, at the present time, would consider purchasing an automobile without a self-starter, and the new Utah control revolutionizes radio tuning as the self-starter revolutionized the starting of a motor car."

SONATRON DEVELOPS NEW TUBE

A new tube which makes possible radio reception on AC sets within five to seven seconds after the current has been turned on has been perfected in the laboratories of the Sonatron Tube Company, it was announced today.

This new tube, which is known as Y 227 AC, has been perfected after months of experimentation, which resulted in the perfection of a faster heater. Among the new features in it is the mica bridge.

"The Y 227 AC tube is the fastest heating tube perfected up to date," explained Harry Chirelstein, vice president of Sonatron, in charge of the Chicago office. "At present the radio listener must wait from 10 to 15 seconds before his AC set 'heats up.' This has been the source of much annoyance because frequently an important part of a program is lost because of the failure of a set to establish immediate connection with a broadcasting station.

"Our new Y 227 AC tube will give full reception under most circumstances five seconds after the current has been turned on, and will not require more than seven seconds under any circumstances to 'heat up.'"

Sonatron also announces the production of the new 171 AC tube which will sell at \$3.50. The former standard price of this tube was \$4.25.

The filament on the 171 AC tube is heavier than that on the 171 A, giving the new tube a greater total electron emitting area. This results in reducing the audible AC component or hum, which is present in many types of sets. Because of the greater mass of the filament it has attained greater thermal inertia. The tube consequently does not tend to heat and cool in accordance with the frequency of the current as is the case with a tube having a smaller filament.

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The "Bloopers" Still With Us

By N. E. BORCH

Interference Investigator, Pacific Radio Trade Association

There is probably not a single radio owner in a city location who has not at some time had his reception of an excellent program spoiled by siren-like squeals or rumbling growls, which he could not account for, but probably heard later from a radio wise friend was caused by a "blooper."

The "blooper" is a certain type of regenerative radio set which can be made to oscillate and while oscillating will radiate into the antenna to which it is connected, causing squeals and howls in near-by receivers. New sets have replaced some of these "bloopers," but although the percentage of "bloopers" against the total number of sets in use is smaller than in the past, the total number is still large enough in many districts to cause poor reception of those stations to which the "blooper" is tuned.

All of the so-called regenerative sets do not radiate into the antenna when the set is being tuned. For example: receivers using one or more stages of neutralized or stabilized tuned radio frequency amplification ahead of the detector do not cause this disturbance. In general such sets are easily recognized, typical examples being the Roberts and Brown-ing Drake circuits.

There are in general two types of "blooper." The first is the three-tube receiver using a regenerative detector and two stages of audio amplification. The second and later type is the tuned radio frequency set which is neither stabilized nor neutralized and in which the radio frequency amplifier may be made to oscillate by means of a regenerative control.

As a rule "bloopers" depend for their sensitivity and selectivity upon being operated in a highly regenerative condition. Tuning is generally done with the detector (first type of blooper) or radio frequency stages (second type) in oscillation, the station being picked up by the squeal heard in the loudspeaker as the wave of a station is approached. The regeneration is then reduced until the set stops oscillating and the signal is heard or until the operator decides that he wants to listen to another station and repeats the performance. During this time his neighbor or neighbors may be suffering.

When operated in an oscillating condition the "blooper" sends out from the antenna to which it is connected, a radio wave similar to that sent out by a broadcasting station,

this wave combining with the station's wave so that the combined signal is heard as a squeal or growl in near-by receivers.

With care, however, the "blooper" can be operated in such a way as to cause very little or no disturbance among its neighbors, and it is probable that a majority of owners of "bloopers" do not know that they are making things unpleasant for their neighbors. At any rate, here is how the "blooper" owner can tune his set without disturbing his neighbor.

When tuning, retard the regeneration or sensitivity control to minimum position where the set will not oscillate. If additional sensitivity is needed advance the regeneration only slightly so that the set will not go into oscillation as evidenced by a "plop" in the loudspeaker or a whistle or growl if a station is already tuned in. In other words, if the operator will be conservative in the use of the regeneration control instead of advancing it so far as to keep the set in oscillation all the time, his own set will be free from squeals and he will not inflict them on his neighbors.

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

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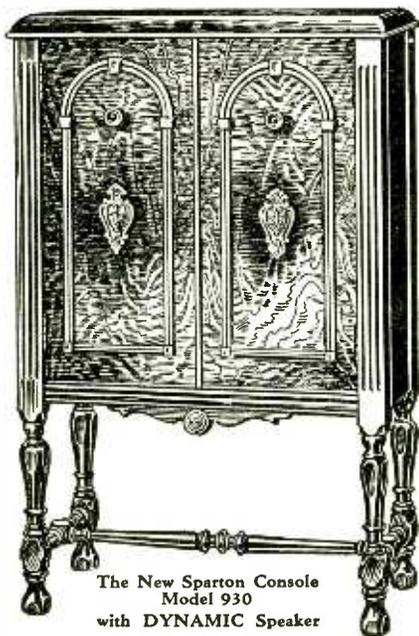
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(Less Tubes \$164.75)

Other Models \$152.50 to \$925

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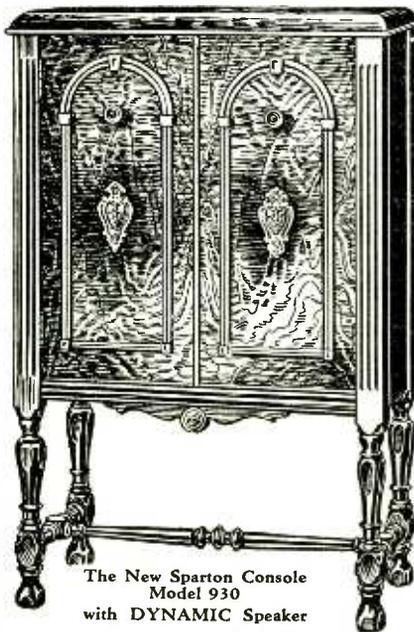
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JENSEN
DYNAMIC SPEAKER
"The Finest in Radio"

SUNDAY Programs

March 24, 1929



Trojan Band and Glee Club of University of Southern California
Harold William Roberts, Band Leader
NBC—2 p.m.

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

11 a.m.—First Congregational Church service, San Francisco; Rev. Chauncey J. Hawkins, 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.—Retold Tales, NBC
4:30 to 5 p.m.—The Olympians
5 to 5:30 p.m.—What's Happening in the World, John D. Barry
6:15 to 7:15 p.m.—Atwater Kent program, 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.—First Congregational Church service, San Francisco; Rev. Chauncey J. Hawkins, D. D., pastor
9 p.m.—Joseph Henry Jackson, "A Chat About New Books"

468.5 Meters
640 Kcys.
Channel 64
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.—Retold Tales, 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.—Concert orch., Pryor Moore, director
9 p.m.—Manley P. Hall, talk on philosophy
9:30 p.m.—Studio program
10 p.m.—Wally Perrin's dance orchestra; Jean Dunn, soloist

340.7 Meters
880 Kcys.
Channel 88
500 Watts
Tribune Publishing Co., Oakland, Calif.
5 to 6 p.m.—Charles T. Besserer, organ recital

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

9:45 to 10:45 a.m.—Interdenominational and non-sectarian church services, Dr. H. P. Shaw of West Side Christian 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.—Retold Tales, NBC
4:30 to 5 p.m.—Rose Florence, soprano
5 to 6:15 p.m.—Afternoon musicale by Uda Waldrop with Gretchen Brendel, contralto
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 drama
8:30 to 9 p.m.—Rudy Seiger and his Fairmont Hotel concert orchestra
9 to 10 p.m.—Abas String Quartet with Elsa Trautner, soprano

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

9 to 10 a.m.—Musical program
10 to 11 a.m.—Courtesy program
11 a.m. to 12 noon—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.—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 Lubovski, master violinist; Claire Mellonino, pianist; Walter V. Ferner, cellist

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

6 to 7 p.m.—Vesper service
8 to 9:15 p.m.—Church of the Open Door
9:15 to 10 p.m.—Old hymns hour

SUNDAY Programs

ABC

American Broadcasting Company

- 10 to 11 a.m.—Melodies, KJR, KEX, KGA
 11 to 12 noon—American Artistic Ensemble, soloists, KJR, KEX, KYA, KLZ, KDYL
 12 to 12:30 p.m.—Song recital, Dorothy Lewis and Gordon Onstad, KJR, KEX, KLZ, KDYL
 12:30 to 1:30 p.m.—Vic Meyers' Popular Recording Orchestra, KJR, KEX, KGA, KLZ, KDYL (KMTR from 1 p.m.)
 1:30 to 2 p.m.—Pamela, humorous sketch, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL
 2 to 3 p.m.—American Military Band; soloists, G. Donald Gray and Sydney Dixon, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL
 3 to 3:30 p.m.—Enchanters' Male Quartet, KJR, KEX, KGA, KYA, KMTR, KLZ, KDYL
 3:30 to 4 p.m.—American Salon Orchestra, F. Longo, director; soloist, Agatha Turley, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ
 4 to 4:30 p.m.—Cathedral hour with orchestra, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ
 4:30 to 5 p.m.—Woodwind ensemble, KJR, KGA, KEX, KYA, KMTR
 5 to 5:30 p.m.—American Artistic Ensemble; soloist, G. Donald Gray, KJR, KGA, KEX
 5:30 to 6 p.m.—Sonatron Tube program, CBS from New York, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ
 6 to 7 p.m.—Majestic Theatre of the Air, CBS from New York, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ
 7 to 7:30 p.m.—De Forest program, CBS from New York, KJR, KGA, KEX, KYA, KLZ, KDYL
 7:30 to 8 p.m.—Lyric Hour, KJR, KEX
 8 to 8:30 p.m.—"Harpers Corners," a humorous sketch, KJR, KEX, KMTR
 8:30 to 10 p.m.—American Salon Orchestra; F. Longo, director; soloists, G. Donald Gray and Sydney Dixon, KJR, KEX, KYA, KMTR, KDYL, KLZ, KYA; KGA takes this program from 9 p.m. on
 10 to 11 p.m.—Show Boat Frolic, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL

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

- Radio Service Corp., Salt Lake City, Utah
 11 a.m.—Informal program
 12 noon—International Bible Students' Assoc.
 1 p.m.—Tabernacle services
 2:30 p.m.—Mutual hour
 4 p.m.—Salt Lake realty program
 4:30 p.m.—Organ concert by Edward P. Kimball. Tabernacle organist
 5 p.m.—Instrumental trio and featured soprano
 6:15 p.m.—Atwater Kent program, 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 from the studio
 9 p.m.—"Utah Loud Speakers" and the "Melody Trio"

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

- Canadian National Rys., Vancouver, B. C.
 9:30 p.m.—Vancouver Little Symphony Orchestra; Calvin Winter, guest conductor

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

- 9 to 10 a.m.—KYA Trio
 10 to 11 a.m.—Special program from the Elks' Club
 11 to 12 noon—Examiner Funny Hour
 12 to 1:30 p.m.—Old St. Mary's Church
 1:30 to 2 p.m.—Pamela sketch, ABC
 2 to 3 p.m.—Military band, ABC
 3 to 3:30 p.m.—Enchanters, ABC
 3:30 to 4 p.m.—Salon orchestra, ABC
 4 to 4:30 p.m.—Cathedral Hour, ABC
 4:30 to 5 p.m.—Woodwinds, ABC, Seattle
 5 to 5:30 p.m.—Mary Elliot and Billy Leonard
 5:30 to 6 p.m.—Sonatron Tube program, CBS; Ben Selvin's orchestra
 6 to 7 p.m.—Majestic Theatre of the Air, CBS, featuring Arnold Johnson's orchestra
 7 to 7:30 p.m.—De Forrest Audions, CBS; Arthur Pryor's band, with Alma Gluck
 7:30 to 8 p.m.—KYA Trio
 8 to 9 p.m.—Old St. Mary's Church
 9 to 10 p.m.—American Salon Orchestra, ABC
 10 to 11 p.m.—Show Boat Revue, ABC

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

- Fisher's Blend Station, Seattle, Washington
 10 a.m.—International Bible Students' Assoc.
 11 a.m.—Rhena Marshall, soprano; Margaret Grey, pianist
 11:15 a.m.—Plymouth Congregational Church
 12:15 p.m.—Fred Lynch, tenor; Margaret Gray, readings
 12:30 p.m.—Y. M. C. A. music
 1 p.m.—Stoneway Tabernacle
 1:30 p.m.—Rhena Marshall; Fred Lynch
 2 p.m.—Sunday concert, NBC
 3:30 p.m.—Whittall Anglo Persians, NBC
 4 p.m.—Retold Tales, NBC
 4:30 p.m.—Orchestra; Fred Lynch; Rhena Marshall
 6:15 p.m.—Atwater Kent artists, NBC
 7:15 p.m.—Studebaker Champions, NBC
 7:45 p.m.—Enna Jettick Melodies, NBC
 8 p.m.—First Church of Christ, Scientist
 9 to 11 p.m.—Orchestra; Fred Lynch; Rhena Marshall; George Godfrey, readings

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

- 10 to 11 a.m.—Children's Bible Class
 11 to 12:30 p.m.—Central M. E. Church
 2 to 3:30 p.m.—Concert, NBC
 3:30 to 4 p.m.—Whittall Anglo Persians, NBC
 4 to 4:30 p.m.—Retold tales, 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 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

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 service, First Baptist Church, conducted by Rev. Paul H. Ralston
 7:30 to 9 p.m.—Evening services, First Baptist Church

SUNDAY Programs

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

- Don Lee, Inc., San Francisco, Calif.**
 9 to 12 noon—"Home Sweet Home" concert with Pacific States Concert Orchestra, Francesca Ortega, soprano; Robert Olsen, tenor; Sierra Trio, Lelane Rivera and Herman Reinberg, cellist
 12 to 1:15 p.m.—Sherman, Clay noonday concert
 1:15 to 3:15 p.m.—Musical comedy tabloid
 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 Collett, pianist, with cello and harp
 6 to 6:30 p.m.—Talk by Dr. Louis I. Newman
 6:30 to 7 p.m.—Sierra Trio; Lelane Rivera, soprano
 7 to 8 p.m.—Harold Dana, baritone; Mary Pasmore, violinist; Frank Moss, pianist
 8 to 9 p.m.—Charles Bulotti, tenor; Juanita Tennyson, soprano, and orchestra, directed by Frank Moss
 9 to 9:30 p.m.—Robert Olsen and Florentine Trio
 9:30 to 10 p.m.—Tom Gerunovich and his Roof Garden Orchestra
 10 to 10:10 p.m.—Amos 'n' Andy
 10:10 to 11:10 p.m.—Tom Gerunovich's orchestra
 11:10 to 12:10 a.m.—New Mandarin Cabaret Band

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

- The Morning Oregonian, Portland, Oregon**
 11 to 12:30 p.m.—Church service
 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.—Retold Tales, NBC
 4:30 to 5 p.m.—Jacobson Quartet
 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.—Musical Allegory
 8:30 to 9:30 p.m.—Majestic Fireside hour
 9:30 to 10 p.m.—Franz Fantasies
 10 to 11 p.m.—Little Symphony Orchestra
 11 to 11:15 p.m.—Oregonian news summary

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

- Seattle Broadcasting Co., Seattle, Wash.**
 10 to 12 midnight—Olson's Everstate Scandinavian Band

333.1 Meters **KHJ** **Channel 90**
900 Kcys. **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
 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 6:45 p.m.—Recordings
 6:45 to 7 p.m.—World-wide news
 7 to 8 p.m.—First M. E. Church
 8 to 11 p.m.—Program from KFRC
 11 to 1 a.m.—Organ and variety program

545.1 Meters **KTAB** **Channel 55**
550 Kcys. **500 Watts**

- Pickwick Broadcasting Co., Oakland, Calif.**
 9 to 10 a.m.—Recorded program
 10 to 11 a.m.—Bible class, Prof. Lindsley
 11 to 12:30 p.m.—Tenth Avenue Baptist Church services
 12:30 to 1 p.m.—Organ recital
 1 to 1:30 p.m.—Irving Krick, Octo Lindquist
 1:30 to 2 p.m.—Studio program
 2 to 3 p.m.—Happy Hour String Sextet
 3 to 3:30 p.m.—Millicent Benioff in song recital
 3:30 to 4:30 p.m.—Organ recital and instrumentalists
 4:30 to 5:30 p.m.—Symphonic recordings
 5:30 to 6 p.m.—Joan Ray, staff contralto
 6 to 7 p.m.—Studio program
 7 to 7:40 p.m.—Recordings
 7:40 to 9:15 p.m.—Tenth Avenue Baptist Church services
 9:15 to 10:15 p.m.—Concert trio
 10:15 to 11 p.m.—Symphonic recordings
 11 to 12 midnight—Night Owls

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

- Radio Entertainments, San Francisco, Calif.**
 3 to 4 p.m.—Christian Science lecture
 7:50 to 9 p.m.—Fourth Church of Christ, Scientist, service
 9 to 9:15 p.m.—Organ program

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, O. B. Eddins, "The Comfort of the Scriptures." Musical program under the direction of Prof. Orrin Leon Padel
 12 to 1 p.m.—Program presented by the Aeolian Trio: Jeanette Rahut, violinist; Doris Eckler, cellist; Harriette Poole, pianist and organist
 1 to 1:25 p.m.—Bible questions and answers, C. R. Little
 1:25 to 2:30 p.m.—Watch Tower program, presented by I. B. S. A.; instrumental solos, B. D. Van Winkle; vocalist, Joseph Morris; accompanists, Mrs. Ruth Morgan Crawford, Helen L. Jewell; vocal solos, Lillian Pelletier; songs by the choral singers
 Discourse, A. R. Crawford, "The Harp of God"
 6 to 7:45 p.m.—Watch Tower program: Bible dialogue, "Longevity;" Bible discourse, "Was Jesus Divine?" Vocal and instrumental music German lecture, C. P. Peterson
 9:15 to 10:30 p.m.—Watch Tower program: Bible dialogue, "The Judgment Day;" Bible lecture, I. B. S. A. speaker; "Earth's New Government." Vocal solos and duets; KFWM Mixed Quartet

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

- Nichols & Warinner, Long Beach, Calif.**
 3:05 to 3:20 p.m.—Musical program
 3:20 to 4 p.m.—Long Beach Municipal Band
 4 to 5 p.m.—Organ recital, Dick Dixon
 5 to 6 p.m.—Charlie Joslyn's Orchestra
 6 to 7 p.m.—Hancock Oil Orchestra
 7 to 8 p.m.—String quartette
 8 to 9 p.m.—First Church of Christ, Scientist
 9 to 11 p.m.—"All Star Nite"
 11 to 1:30 a.m.—"Egyptian Tom Cats" frolic

MONDAY Programs • • • • • March 25, 1929



Don Warner
KFWB—2 p.m.



Hayden Morris
ABC—1:30 p.m.



Cressy Ferra
KLX—5:30 p.m.



James Harvey
KOMO—10 p.m.

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.—Embassy Theater 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
3 to 4 p.m.—Matinee concert orchestra
4 to 4:15 p.m.—Aviation talk
4:15 to 4:30 p.m.—Talk from U. C. Med. Dept.
4:30 to 4:55 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 5:30 p.m.—KHJ String Quintet
5:30 to 6 p.m.—Emporium's children's hour
6 to 6:30 p.m.—Organ recital from KHJ
6:30 to 7 p.m.—Berger's X Y Z
7 to 7:30 p.m.—Mr. Kansas and his K's
7:30 to 8 p.m.—Don Lee Symphony Orchestra
8 to 10 p.m.—"Blue Monday Jamborée"
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 12:10 a.m.—Val Valente's Jungletown Orchestra

526 Meters
570 Kcys.

KXA

Channel 57
500 Watts

American Radio Tel. Co., Seattle, Wash.

10 to 10:15 a.m.—Inspirational services
10:15 to 10:30 a.m.—Health exercises
10:30 to 11 a.m.—Moss-La Grande Harmony duo;
Patsy Kelly; Jack Medford; Jerry McGrath
11 to 11:15 a.m.—Youth Always program
11:15 to 12 noon—Our Sunshine hour
12 to 12:30 p.m.—Hawley Oil Burner program
12:30 to 1:30 p.m.—Popular recorded program
5 to 6 p.m.—Recorded program
6 to 7 p.m.—Slim Secord's Hot-En-Tots; Patsy Kelly, soloist
7 to 7:30 p.m.—Studio program
7:30 to 8 p.m.—The Jazz Birds and Clarence Lundquist
8 to 9 p.m.—Program featuring Harold Chase
9 to 10 p.m.—KXA Trio, Don Craig, Fred Lyon
10 to 11 p.m.—Glen Carter's Merrymakers; Patsy Kelly, soloist

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.—Recordings
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 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.—Chas. T. Besserer, organ recital
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, pianist
6 to 6:10 p.m.—Curtain Calls
6:10 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.—Helen Wegman Parmelee, pianist, and Helen and Hazel, harmony team
9 to 9:30 p.m.—Kanteen Kapers
9:30 to 10 p.m.—Charmant Trio

296.6 Meters
1010 Kcys.

KQW

Channel 101
500 Watts

First Baptist Church, San Jose, California

10 to 11 a.m.—The Helpful Hour
11 to 12 noon—Santa Cruz program
12 to 12:30 p.m.—Leonard & Holt program
12:30 to 1 p.m.—Market and weather reports
1 to 1:30 p.m.—Hart's Store half hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 2:45 p.m.—Frazier Dev. Co. program
2:45 to 3:30 p.m.—Second Street musical hour
3:30 to 4 p.m.—Fanchon's Style Chat
4 to 5 p.m.—Sunshine Hour with "W. K."
5 to 5:15 p.m.—Belco program
5:15 to 5:30 p.m.—Fifteen minutes at Franco's
5:30 to 6 p.m.—Pal's Big Brother Hour
6 to 6:20 p.m.—U. S. D. A. Farm School
6:20 p.m.—Farm market reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—California Farm Bureau news
8 to 9 p.m.—San Jose Community program
9:30 to 10 p.m.—Crop digest

MONDAY Programs

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 11:45 a.m.—Canned Peaches, NBC
11:45 to 1 p.m.—Rembrandt Trio
3:30 to 4 p.m.—Everyday Living, Christina S. Madison
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, NBC
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, featuring J. Wharry Lewis and his orchestra and the Three Bees
Orchestra—Glad Rag Doll.....Milton Ager
Three Bees—Down Among the Sugar cane
Orchestra—Pas Des Amphores (Scarf Dance)
.....Chaminade
Three Bees—Shout Hallelujah
Orchestra—Three Shades of Blue.....Grofie
Indigo, Alice Blue, Heliotrope
Three Bees—Pll Get By
Orchestra—Two Silvan Sketches.....
.....Wheeler Beckett
The North Wind, The Forest
Three Bees—I've Found the Girl of My Dreams
Orchestra—Fantasie on themes from
"Rigoletto"Verdi
Three Bees—Outside
Orchestra—Sweethearts on Parade...Lombardo
Three Bees—There's a Four-Leaf Clover
in My Pocket
Orchestra—The Wolverine Blues
10:30 to 10:45 p.m.—Alaskan news flashes

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.—Talk and morning prayer
9:30 to 10 a.m.—Shopping news
10 a.m.—Town Crier's morning message
10:30 a.m.—Household economies
11 to 11:30 a.m.—Courtesy 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. 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.—KNX String Quartet
7 to 7:30 p.m.—Alfonso Corelli's orchestra
7:30 to 8 p.m.—One-act play under the direction of Georgia Fifield
8 to 9 p.m.—"Edison hour" program
9 to 9:30 p.m.—Program of "Early California"
9:30 to 10 p.m.—Feature program
10 p.m. to 12 midnight.—Hotel Ambassador orch.
12 midnight to 1 a.m.—Dorado Club dance hour

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, KLZ, KDYL, KYA
9 to 9:30 p.m.—Mary Cooke, Better Homes program, KJR, KGA, KEX, KDYL, KLZ, KYA
9:30 to 9:45 a.m.—Glenn Eaton and Marjorie Robillard, KJR, KEX, KGA, KLZ, KDYL, KYA
9:45 to 10 a.m.—Devotional service, KJR, KEX, KGA, KDYL, KLZ, KYA
10:30 to 10:45 p.m.—Georgia O. George, hair culture, KJR, KEX, KGA, KDYL, KLZ
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, KDYL, KLZ
12:30 to 1:30 p.m.—American Salon Orchestra, Francesco Longo, director; soloists, KJR, KEX, KGA, KDYL, KLZ
1:30 to 2 p.m.—Song recital, Vance Gerber and Hayden Morris, KJR, KEX, KGA, KLZ, KDYL
2 to 3 p.m.—"The Harmonists," KJR, KEX, KGA, KLZ, KDYL, KYA at 2:45
3 to 4 p.m.—American Salon Orchestra, Francesco Longo, director; soloists, Gordon Onstad and Dorothy Lewis, KJR, KGA, KEX, KLZ, KDYL, KYA
4 to 5 p.m.—"The Melodians," 4:30, Burton W. James, KJR, KEX, KGA, KDYL, KLZ, KYA
5 to 5:30 p.m.—Novelty studio program, KJR, KGA, KEX, KDYL, KLZ
5:30 to 6:30 p.m.—Vic Meyers' Popular Recording Orchestra, KJR, KGA, KEX
6:30 to 7 p.m.—Warner Bros. Vitaphone Jubilee, CBS from New York, KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ
7 to 7:30 p.m.—Americana, Herman Kenin's orchestra, KJR, KGA, KEX, KYA, KMTR
7:30 to 8 p.m.—"Two Pianos," KJR, KGA, KYA, KMTR
8 to 9 p.m.—"Musical Gems," Pacific Salon Orchestra, KJR, KGA, KYA, KMTR, KLZ, KDYL
9 to 9:30 p.m.—Lyre and Mask, KJR, KGA, KEX, KMTR, KLZ, KDYL
9:30 to 10 p.m.—String quartet, KJR, KGA, KEX, KMTR, KDYL, KLZ
10 to 11 p.m.—"Hour on Broadway," Pacific Salon Orchestra, John Britz directing, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL
11 to 12 midnight—Golden Gate Gypsies, Herman Kenin director, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL

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

5:30 p.m.—Maytag variety program
6 p.m.—Edison program, NBC
6:30 p.m.—General Motors program, NBC
7:30 p.m.—Great Northern Railroad program, NBC
8 p.m.—"The Jewel Box"
8:30 p.m.—Harry Jellison, basso, and Kalawala Hawaiian Trio
9 p.m.—"Firestone" program, NBC
9:30 p.m.—"Plantation Echoes," NBC
10 p.m.—"Slumber Music," NBC

MONDAY 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 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.—Metro and Cosmo 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.—Golden Gate Gypsies
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.—Burton W. James, ABC
4:45 to 5 p.m.—Melodians, ABC
5 to 5:30 p.m.—Who's Who Travelogues
5:30 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.—Golden Gate Gypsies, Herman Kenin directing, ABC
7:30 to 8 p.m.—Piano duo and male quartet, ABC
8 to 9 p.m.—Hour of musical gems, featuring Mishel Plastro, ABC
9 to 10 p.m.—Ice hockey from Iceland
10 to 11 p.m.—Hour on Broadway, Pacific Salon Orchestra, ABC
11 to 12 midnight—Golden Gate Gypsies, Prof. Schnitzel and Nita Mitchell, ABC

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 9:20 a.m.—Novelty program
9:20 to 9:50 a.m.—Organ recital
9:50 to 10 a.m.—Spanish program
10 to 10:10 a.m.—Hawaiian program
10:10 to 10:20 a.m.—Popular songs
10:20 to 10:30 a.m.—Salon music
10:30 to 10:50 a.m.—Organ recital
10:50 to 11 a.m.—“Clarence”
11 to 11:10 a.m.—Beauty talk
11:10 to 12 noon—Music; recordings; news
12 to 12:30 p.m.—“Gene and Bill”
12:30 to 1 p.m.—Louise Church and Maud Irvine
1 to 2 p.m.—Quartette; Elsie Montgomery, cellist
2 to 2:15 p.m.—Health talk
2:15 to 3 p.m.—Musical program
3 to 4 p.m.—Play by studio players
4 to 4:30 p.m.—Music; news
4:30 to 5 p.m.—Dick Love's orchestra
5 to 5:30 p.m.—Eleanor Sammons; Louise Church
5:30 to 6 p.m.—String trio
6 to 6:05 p.m.—Lost and found department
6:05 to 6:30 p.m.—Supper Club
6:30 to 7 p.m.—Eleanor Sammons; Louise Church
7 to 8 p.m.—Suydam's Buttercream School
8 to 9 p.m.—Double Eagle Quartette
9 to 10 p.m.—Orchestra; Maud Irvine; Warner Duo
10 to 11 p.m.—Foster Rucker; Louise Church; Eleanor Sammons
11 to 12 midnight—Organ recital, Dick Dixon

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, Bem's Little Orchestra and Golden State Quartet
9:30 to 10 a.m.—Dobbsie's Daily Chat; Andrew 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 1 p.m.—Aeolian Trio
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.—Secrets for women only
2:15 p.m.—Stock market quotations
4:30 p.m.—California Dev. Assn. talk
4:45 p.m.—Stock market quotations
5:45 to 5:55 p.m.—Harold Small's book review
5:55 to 6 p.m.—Chamber Commerce talk
6 to 6:30 p.m.—Edison Recorders, NBC
6:30 to 7:30 p.m.—General Motors' program, NBC
7:30 to 8 p.m.—Great Northern Railway, 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.—KPO mixed quartet
10 to 12 midnight—KPO's variety hour featuring KPO's popular entertainers and Granada Theatre stars

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
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 10:30 a.m.—The Town Crier
10:30 to 11:30 a.m.—Women's Magazine of the Air, NBC
11:30 to 12 noon—Continuation of Town Crier
12 to 1 p.m.—Luncheon concert
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 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.—Liesbe “Puppet Show”
10 to 11 p.m.—Ben Selling's Boys and Collegiates
11 to 11:15 p.m.—Oregonian news summary

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
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
2 to 2:30 p.m.—Dr. Morris Peterson
7 to 7:45 p.m.—Walter N. Riddick and Evangeline Tucker
7:45 to 8:15 p.m.—Catherine Enns, pianist
8:15 to 9 p.m.—Evening school lecture
9 to 10 p.m.—Musical hour

MONDAY Programs

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **500 Watts**
Oakland Educational Society, Oakland, Cal.
 8 to 9 a.m.—Max's Market and Health Hour
 2:30 to 3:30 p.m.—Musical program under the direction of Pha Fraser
 4:30 to 5 p.m.—Don's Half Hour of Happiness
 5 to 5:50 p.m.—Big Brother Walter
 5:50 to 6 p.m.—Kingdom or world news
 7 to 8 p.m.—Doc Herrold
 8 to 8:30 p.m.—Watch Tower program: Bible lecture, C. H. Martin

236.1 Meters **KOL** **Channel 127**
1270 Kcys. **1000 Watts**
Seattle Broadcasting Co., Seattle, Wash.
 6:45 to 8:45 a.m.—Sunset's Musical Klock
 8:45 to 9:30 a.m.—Program of general interest
 9:30 to 9:45 a.m.—The Market Basket
 9:45 to 10 a.m.—Housekeepers Chat
 10 to 10:10 a.m.—Soups and Chowders
 10:10 to 11 a.m.—Household topics
 11 to 11:15 a.m.—Dorothy Neighbors, menu hints
 11:15 to 12 noon—Musical Moments
 12 to 12:15 p.m.—Organ, F. C. Feringer
 12:30 to 1:30 p.m.—An hour from the Song Shop
 2 to 3 p.m.—Matinee Melodies
 3 to 4 p.m.—Organ, F. C. Feringer
 4 to 4:30 p.m.—Twilight Time
 4:30 to 5 p.m.—News Items, weather report
 5 to 6 p.m.—Service hour
 6 to 6:10 p.m.—American Institute of Banking
 6:10 to 6:25 p.m.—Newscasting
 6:25 to 6:40 p.m.—Pacific Trade program
 6:40 to 7 p.m.—Madge Baldwin, This and That
 7 to 7:30 p.m.—Ken Stuart's half hour
 7:30 to 7:45 p.m.—Book Chat, short stories
 7:45 to 8 p.m.—"Industograms"
 8 to 9 p.m.—Musical Miniature
 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

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.—Late recordings
 10:15 to 11:15 a.m.—A. White, "At Our House"
 11:15 to 11:30 a.m.—Diet Question Box
 11:30 to 12 noon—"Two Starving Song Writers"
 12 to 12:30 p.m.—Biltmore Hotel Orchestra
 12:30 to 12:45 p.m.—World-wide news
 12:45 to 1:30 p.m.—KHJ Dance Orchestra
 1:30 to 2 p.m.—Charlie Wellman's requests
 2 to 2:30 p.m.—"Dip-It" and the Thine Lady
 2:30 to 3 p.m.—KHJ soloists
 3 to 4 p.m.—"Chasin' the Blues"
 4 to 4:15 p.m.—Western Air Express
 4:15 to 4:30 p.m.—Public Relations Dept.
 4:30 to 5 p.m.—Matthew Murray, "Home Problems"
 5 to 6 p.m.—Sunset Quintet
 6 to 6:45 p.m.—Organ recital
 6:45 to 7 p.m.—World-wide news
 7 to 7:30 p.m.—Inglewood Park program
 7:30 to 8 p.m.—KHJ Concert Orchestra
 8 to 10 p.m.—Jamboree program from KFRC
 10 to 11 p.m.—Anson Weeks' dance orchestra from KFRC
 11 to 12 midnight—Earl Burtnett's dance orch.
 12 to 1 a.m.—Organ and variety program

322.4 Meters **KFWI** **Channel 93**
930 Kcys. **500 Watts**
Radio Entertainments, San Francisco, Calif.
 9 to 10 a.m.—Musical breakfast program
 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.—Cal King's Country Store
 6 to 6:30 p.m.—Dinner program
 6:30 to 7 p.m.—Herb Scharlin, piano and songs
 8:30 to 9 p.m.—May Josephi-Kincaid Dramatic Players present "The Poor House," by Alice Brown; Mrs. Blair, Adele Bolger; Mrs. Dyer, Jessie Ladd; Mrs. Fullerton, Mame Molkenbuhr; Matron, Flora Fox
 9 to 9:30 p.m.—California Sunshine Boys
 9:30 to 11 p.m.—Dance music

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 a.m.—Sunrise Pep Period
 7:30 to 8 a.m.—Myrrohl Musical Klock
 8 to 9 a.m.—Happy Time Hour
 9 to 10 a.m.—Household Service
 10 to 10:30 a.m.—Sara Leigh's Women's Hour
 11:30 to 12 noon—Farmers' Service Hour
 12 to 12:30 p.m.—Valvoline musical programs
 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.—Balley'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.—The New Voice of the Skies
 5 to 5:45 p.m.—Service Hour
 5:45 to 6 p.m.—Dinner concert, sports, news
 6 to 6:30 p.m.—Edison Recorders, NBC
 6:30 to 7:30 p.m.—General Motors, NBC
 7:30 to 8 p.m.—Great Northern Railway, NBC
 8 to 9 p.m.—Seiger's Shell Symphonists, NBC
 9 to 9:30 p.m.—Firestone, NBC
 9:30 to 9:45 p.m.—Simplex singing banjoist
 9:45 to 10 p.m.—Alice in Lauderland
 10 to 10:30 p.m.—Musical Truck Drivers
 10:30 to 11 p.m.—Trues Oil

260.7 Meters **KJBS** **Channel 115**
1150 Kcys **100 Watts**
J. Brunton & Sons, San Francisco, Calif.
 7 to 8 a.m.—Early Bird hour
 8 to 9 a.m.—Favorite recordings
 9:30 to 11:30 a.m.—Vocal and instrumental
 11:30 to 1 p.m.—Orthophonic recordings
 1 to 1:45 p.m.—Raymond Melodists
 1:45 to 2 p.m.—Dr. Wiseman, health talk
 2 to 3 p.m.—Concert recordings
 3 to 3:15 p.m.—Mahr, the Great
 3:15 to 4 p.m.—Letterman Hospital period
 4 to 5:30 p.m.—Record varieties
 5:30 to 6:15 p.m.—Dinner music

232.6 Meters **KDYL** **Channel 129**
1290 Kcys. **1000 Watts**
Intermountain Broad. Corp., Salt Lake City
 6 p.m.—Studio program with instrumental trio
 6:30 p.m.—"Vitaphone Jubilee," CBS
 7 p.m.—Harmony time at the studio
 8 p.m.—Hawaiian program
 8:30 p.m.—Fight broadcast from Hippodrome Theatre
 9:30 p.m.—Piano duo and male quartet, ABC
 10 p.m.—Pacific Salon, Orchestra, ABC
 11 p.m.—Golden Gate Gypsies, ABC

TUESDAY Programs

March 26, 1929



"Buster" Dees
KFWB—7:30 p.m.



Damonte Novelty Trio
KGO—9:30 a.m.



Dr. J. D. Thompson
KTAB—9:30 a.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.—Morning devotional service, ABC
10 to 10:30 a.m.—George Taylor and Clem Kennedy
10:30 to 10:40 a.m.—Dr. Buren L. Corley
10:40 to 11 a.m.—Helen Troy and John Patrick
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.—Golden Gate Gypsies
2:45 to 5 p.m.—Baseball from Recreation Park
5 to 5:30 p.m.—Who's Who Travelogues
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, Paul Whiteman's orchestra, CBS
7 to 8 p.m.—Voice of Columbia, CBS
8 to 9 p.m.—The Wrigley Hour, with Guy Lombardo's Royal Canadians, CBS
9 to 9:30 p.m.—Pacific Salon Orchestra, KYA
9:30 to 10 p.m.—Paul Bunyan Stories, ABC
10 to 11 p.m.—American Philharmonic Orchestra, ABC
11 to 12 midnight—Vic Meyers' orchestra, ABC

361.2 Meters
830 Kcys.

KOA

Channel 83
12,500 Watts

General Electric Co., Denver, Colorado

4 to 4:30 p.m.—Voters' service, NBC
4:30 to 5 p.m.—Fundamentals of the Law, NBC
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.—Freshman Orchestrians, NBC
8 to 9 p.m.—Radio, Keith-Orpheum hour, NBC
9 to 9:30 p.m.—Tom Mitchell's Half Hour of Happiness

545.1 Meters
550 Kcys.

KTAB

Channel 55
500 Watts

Pickwick Broadcasting Co., Oakland, Calif.

8 to 9 a.m.—Ray Raymond's Tabloids
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—Popular recordings
12 to 1 p.m.—George Otto's Hawaiians
1 to 1:30 p.m.—Organ recital
1:30 to 2:30 p.m.—Recordings
2:30 to 3 p.m.—Carlson, Dorman and Moran
3 to 4 p.m.—Pickwick Versatilians
4 to 5 p.m.—KTAB Salon Orchestra
5 to 6 p.m.—Brother Bob's Frolic
6 to 6:30 p.m.—Records
6:30 to 7 p.m.—Twilight Hour
7 to 8 p.m.—States Restaurant Orchestra
8 to 8:15 p.m.—Careers for Women
8:15 to 9 p.m.—American Legion of Alameda
9 to 10 p.m.—Pickwick Versatilians; Henry Karpenstein
10 to 11 p.m.—Orchestra; Millicent Benioff, soloist
11 to 1 a.m.—Night Owls

296.6 Meters
1010 Kcys.

KQW

Channel 101
500 Watts

First Baptist Church, San Jose, California

10 to 11 a.m.—The Helpful Hour
11 to 12 noon—Salinas program
12 to 12:30 p.m.—Leonard & Holt's program
12:30 to 1 p.m.—Market and weather reports
1 to 1:30 p.m.—Hart's Store half hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 2:45 p.m.—Frazier Dev. Co. program
2:45 to 3:30 p.m.—Second Street musical hour
3:30 to 4 p.m.—Fanchon's Style Chat
4 to 5 p.m.—Sunshine Hour with "W. K."
5 to 5:15 p.m.—Weeks Securities Corporation
5:15 to 5:30 p.m.—Fifteen minutes at Franco's
5:30 to 6 p.m.—Pal's Big Brother Hour
6 to 6:20 p.m.—U. S. D. A. Farm School
6:20 to 6:50 p.m.—Farm market reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—California Farm Bureau
8 to 9:30 p.m.—"You Never Can Tell" program
9:30 to 10 p.m.—Crop digest

TUESDAY Programs

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, 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 Reveillers, 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.—Vic Meyers' Popular Recording Orchestra, 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.—Wrigley's Royal Canadians, Guy Lombardo director, CBS from New York, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ
 9 to 9:30 p.m.—Enchanters' Male Quartet, KJR, KEX, KGA
 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.

KFWI

Channel 93
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 6:30 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

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.—The Park Bench, NBC
 11:45 to 12 noon—Fleischmann Food Club, NBC
 12 to 1 p.m.—Rembrandt 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.—Clicquot Club Eskimos, NBC
 7:30 to 8 p.m.—Freshman Orchestradians, NBC
 8 to 8:30 p.m.—Jonesey and Mabel, NBC
 8:30 to 9 p.m.—Don Amaizo, NBC
 9 to 10 p.m.—The Pilgrims, with American composers; August Hinrichs, director; Grace Le Page, soprano
 Orchestra—The Atonement of Pan.....Hadley
 1. Dance of the Nymphs
 2. Intermezzo
 From the Canebrake.....Gardner
 Songs—
 TonightBarnett
 In a Gondola.....Barnett
 String quartet—
 Carry Me Back to Old Virginny.....Bland
 Orchestra—BadinageVictor Herbert
 Songs—
 Song of Love.....La Forge
 By the Fountain.....Ware
 Orchestra—Suite—Woodland Sketches.....
MacDowell
 1. To a Wild Rose
 2. Will o' the Wisp
 3. At an Old Trysting Place
 4. In Autumn
 5. From an Indian Lodge
 Song, with flute obligato—
 The Voice and the Flute.....Densmore
 NarcissusNevin
 10 to 10:15 p.m.—DX flashes
 10:15 to 11 p.m.—The Venetians
 11 to 12 midnight—Keith-Orpheum program,
 NBC

285.5 Meters
1050 Kcys.

KNX

Channel 105
5000 Watts

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

- 6:45 to 8 a.m.—Health exercises
 8 a.m.—Talk and morning prayer
 9 to 9:30 a.m.—Musical program
 9:30 to 10 a.m.—Shopping news
 10 a.m.—Town Crier's morning message
 10:30 a.m.—Household economics
 11 to 11:30 a.m.—French lesson 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.
 4:25 p.m.—Stock market reports
 4 to 5 p.m.—Garden talk by Dewey R. Kruckenberg
 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.—KNX String Quartet
 7 to 7:30 p.m.—Dr. Mars Baumgardt
 7:30 to 8 p.m.—Albert Sheetz program
 8 to 9 p.m.—Hercules Gasoline program
 9 to 9:30 p.m.—Maytag So-A-Tone broadcast
 9:30 to 10 p.m.—Feature program
 10 p.m. to 12 midnight.—Hotel Ambassador orch.
 12 midnight to 1 a.m.—Dorado Club dance hour

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 1 p.m.—Aeolian Trio
1 to 1:30 p.m.—Jerry Jermaine for Hale Bros.
1:30 to 2 p.m.—Anne Warner's home chats
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 to 3 p.m.—Stock market quotations
3 to 4 p.m.—"The Wayside Inn," NBC
4 to 4:30 p.m.—"Voters' service program, NBC
4:30 to 5 p.m.—Bridge lesson No. 20
5 to 6 p.m.—Children's hour, Big Brother
6 to 7 p.m.—Eveready program, NBC
7 to 7:30 p.m.—"Clickquot Club Eskimos, NBC
7:30 to 8 p.m.—Freshman Orchestradians, NBC
8 to 8:30 p.m.—"Jonesey and Mabel," NBC
8:30 to 9 p.m.—Don Amaizo, NBC
9 to 9:30 p.m.—Chrysler program with Merton Bories
9:30 to 10 p.m.—Tommy Munroe and Bob Allen
10 to 11 p.m.—"The Trocaderans," NBC
11 to 12 midnight—Radio Keith-Orpheum program, NBC

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.—KHJ "Early Birds"
9 to 9:15 a.m.—"Dip-It" program
9:15 to 9:30 a.m.—The Thinc Lady
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.—A. White, "At Our House"
11:15 to 11:30 a.m.—Narcotic Research Assn.
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.—Trojan half hour, U. of S. C.
2:30 to 3 p.m.—Street and Highway Safety
3 to 4 p.m.—Matinee Melody Masters
4 to 4:30 p.m.—Dr. Frank McCoy, health talk
4:30 to 5 p.m.—Studio program
5 to 5:30 p.m.—KHJ Quintet
5:30 to 6 p.m.—Organ recital
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 Edw. Murphy
8 to 9 p.m.—So. Cal. Edison hour
9 to 10 p.m.—Forest Lawn Park program
10 to 12 midnight—Biltmore Hotel dance orch.
12 to 1 a.m.—Organ and variety program

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

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—"Simp'y Fitts"
8 to 9 a.m.—Embassy Theater program
9 to 9:30 a.m.—Georgia O. George
9:30 to 10 a.m.—Snarol program records
10 to 11 a.m.—Wyn's daily chats
11 to 11:30 a.m.—Mary Lewis Haines
11:30 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman, Clay noonday concert
3 to 4 p.m.—Matinee concert
4 to 4:30 p.m.—Bridge lessons and news
4:30 to 4:35 p.m.—Something about everything
4:35 to 4:55 p.m.—News bulletins; lost and found
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's children's hour
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.—Toll bridge program
7:30 to 8 p.m.—The Cecilians
8 to 9 p.m.—Specialty 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 dance orchestra, KHJ
11:10 to 12:10 a.m.—Tom Gerunovich's orchestra

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

The Morning Oregonian, Portland, Oregon

8 to 9 a.m.—Portland Breakfast Club
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.—Women's Magazine of the Air, NBC
11:30 to 11:45 a.m.—Park Bench program, NBC
11:45 to 12 noon—Fleischmann program, NBC
12 to 1 p.m.—Luncheon concert
2 to 2:30 p.m.—Stock market quotations
2:30 to 3 p.m.—Bridge game
3 to 4 p.m.—Wayside Inn, NBC
4 to 4:30 p.m.—"Voters' service, NBC
6 to 7 p.m.—Eveready hour, NBC
7 to 7:30 p.m.—"Clickquot Club program, NBC
7:30 to 8 p.m.—Freshman Radio program, NBC
8 to 8:30 p.m.—Jonesey and Mable, NBC
8:30 to 9 p.m.—Don Amaizo, NBC
9 to 10 p.m.—Schwabacher program, KOMO
10 to 11 p.m.—Dance frolic from KOMO
11 to 12 p.m.—Keith-Orpheum program, NBC
12 to 12:15 a.m.—Oregonian news summary

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

Warner Brothers, Hollywood, California

9:30 a.m.—Harmony hour
11 a.m.—Shoppers' directory
12:30 p.m.—Air Journal
1:30 p.m.—Housekeepers' Chat
2 p.m.—Ann Grey, songs; Don Warner, pianist; George Mayes, trumpet
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
7:30 p.m.—Buster Dees, tenor
7:45 p.m.—Daily news
8 p.m.—Wrigley program, CBS
9 p.m.—Edgeworth Club program
9:30 p.m.—Boxing bout from Olympic Auditorium
10:30 p.m.—Amos 'n' Andy
10:40 p.m.—Henry Halstead's orchestra
11:40 p.m.—Roy Fox' orchestra
12:40 to 1:40 a.m.—Harry Q. Mills, organist

TUESDAY Programs

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 9:20 a.m.—Novelty program
 9:20 to 9:50 a.m.—Organ recital
 9:50 to 10 a.m.—Spanish program
 10 to 10:10 a.m.—Hawaiian program
 10:10 to 10:20 a.m.—Popular songs
 10:20 to 10:30 a.m.—Salon music
 10:30 to 10:50 a.m.—Organ recital
 10:50 to 11 a.m.—"Clarence"
 11 to 11:10 a.m.—Beauty talk
 11:10 to 11:50 a.m.—Banjo recordings; news
 11:50 to 12 noon—Musical numbers
 12 to 12:30 p.m.—"Gene and Bill"
 12:30 to 1 p.m.—Foster Rucker; Louise Church
 1 to 1:30 p.m.—Kiwanis Club luncheon
 1:30 to 2 p.m.—Heinie Dornier; Eva Balfour;
 Doris 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.—Foster Rucker; Louise Church
 5:30 to 6 p.m.—String trio
 6 to 6:05 p.m.—Lost and found department
 6:05 to 6:45 p.m.—Supper Club
 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.—Rhythm Makers
 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.—Operatic program
 9:30 to 10:30 p.m.—Fights from Olympic Auditorium
 10:30 to 11 p.m.—Operatic program
 11 to 12 midnight—Organ recital, Dick Dixon

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 a.m.—Sunrise Pep Period
 7:30 to 8 a.m.—Myrrohi Musical Klock
 8 to 8:30 a.m.—Spokane Furniture
 8:30 to 9 a.m.—Kronenberg's program
 9 to 10 a.m.—Household Service
 10 to 10:30 a.m.—Sara Leigh's Women's Hour
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 11:45 a.m.—Park Bench, NBC
 11:45 to 12 noon—Fleischmann Yeast, 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 program
 3 to 4 p.m.—Wayside Inn, NBC
 4 to 4:30 p.m.—Voters' service, NBC
 4:30 to 4:45 p.m.—Empire Home Hints
 4:45 to 5 p.m.—The New Voice of the Skies
 5 to 6 p.m.—Service Hour
 6 to 7 p.m.—Eveready program (transc.), NBC
 7 to 7:30 p.m.—Clickquot Club Eskimos, NBC
 7:30 to 8 p.m.—Freshman Radio, NBC
 8 to 8:30 p.m.—"Jonesey an Mabel"
 8:30 to 9 p.m.—Don Amalzo, NBC
 9 to 9:15 p.m.—Alice in Laundreland
 9:15 to 9:30 p.m.—Sports and news
 9:30 to 10 p.m.—Sprague Investment Co.
 10 to 11 p.m.—Concert orchestra
 11 to 12 midnight—Radio-Keith-Orpheum, NBC

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.—Recordings
 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 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 to 6:10 p.m.—Curtain Calls
 6:10 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.—Kanteen Kapers
 9:30 to 10 p.m.—Popular song hits, Adele and Gertrude, harmony team; Betty Kelly, soprano; Frank Holiday, Jr., tenor; Genevieve Chinn, blues singer; Ruth Leasure, accompanist, and Jackson Swales, pianist
 10 to 11 p.m.—Fleur-de-Lis Orchestra

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

6:45 to 8:45 a.m.—Sunset's Musical Klock
 8:45 to 9:30 a.m.—Program of general interest
 9:30 to 9:45 a.m.—The Market Basket
 9:45 to 10 a.m.—Housekeepers' Chat
 10 to 10:10 a.m.—Soups and Chowders
 10:10 to 11 a.m.—Household Topics
 11 to 11:15 a.m.—Dorothy Neighbors, menu hints
 11:15 to 12 noon—Musical Moments
 12 to 12:15 p.m.—Organ, Frederick C. Feringer
 12:15 to 12:30 p.m.—Farm flashes, livestock
 12:30 to 1:30 p.m.—Kiwanis Club luncheon program
 2 to 2:30 p.m.—Matinee Melodies
 2:30 to 4:30 p.m.—Coast League baseball game
 4:30 to 5 p.m.—News items, weather report
 5 to 6 p.m.—Service hour
 6 to 6:40 p.m.—Music, newscasting
 6:40 to 7 p.m.—Madge Baldwin, This and That
 7 to 7:15 p.m.—Mr. Riff and Mr. Raff
 7:15 to 8 p.m.—Melbourne Trio
 8 to 8:30 p.m.—Pacific Trade program
 8:30 to 9 p.m.—Hour of old melodies
 9 to 9:15 p.m.—Amos 'n' Andy
 9:15 to 9:30 p.m.—Studio program
 9:30 to 10 p.m.—Auction bridge game
 10 to 12 midnight—Dance program

260.7 Meters **KJBS** **Channel 115**
1150 Kcys **100 Watts**
 J. Brunton & Sons, San Francisco, Calif.

7 to 8 a.m.—Early Bird hour
 8 to 9 a.m.—Instrumental recordings
 9 to 9:30 a.m.—Embassy popular program
 9:30 to 10:45 a.m.—Popular recordings
 10:45 to 11 a.m.—Dr. Wiseman, health talk
 11 to 12 noon—Favorite recordings
 12 to 1 p.m.—Record varieties
 1 to 1:30 p.m.—Raymond Melodists
 1:30 to 3 p.m.—Record program
 3 to 4 p.m.—Barbara Dailey and Doris Barclay
 4 to 5 p.m.—Requested records
 5 to 5:30 p.m.—Record varieties
 5:30 to 6 p.m.—The Bluebird Boys, Fred McKinley and Bob Close

TUESDAY Programs

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

Copyright 1929, E. C. Anthony, Inc., L. A.
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
11:45 a.m.—Fleischmann Yeast 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
4 p.m.—Jeanette Warner, Mae Irving, Katherine Lewis, in piano and song
4:45 p.m.—Bridge by 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.—Clickquot Club program, NBC
7:30 p.m.—Freshman Radio program, NBC
8 p.m.—Pacific States Electric program, NBC
8:30 p.m.—Don Amaizo, NBC
9 p.m.—Concert orchestra; Pryor Moore, dir.
9:30 p.m.—Paul Roberts and the John Schonberger Trio
10 p.m.—Dance music program, NBC
11 to 12 midnight—Radio-Keith-Orpheum, NBC

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

Fisher's Blend Station, Seattle, Washington
9:40 a.m.—Inspirational services
9:45 a.m.—What to Prepare for Dinner
10 a.m.—Maytag So-A-Tone broadcast
10:30 a.m.—Women's Magazine of the Air, NBC
11:30 a.m.—Park Bench, NBC
12 noon—Farm flashes; grain reports
12:15 p.m.—Quintet; Alice Maclean, soprano
12:45 p.m.—Constance Cook, recites
1 p.m.—Concert quintet
1:30 p.m.—Totem Gyrotars; "The Harmonists"
3 p.m.—Wayside Inn, NBC
4 p.m.—Voters' service, NBC
4:30 p.m.—Concert orchestra with Alice Maclean, soprano
5 p.m.—Kiddies' program
5:30 p.m.—Stock and bond quotations
5:45 p.m.—News flashes
6 p.m.—Eveready hour, NBC
7 p.m.—Clickquot Club Eskimos, NBC
7:30 p.m.—Freshman Orchestralians, NBC
8 p.m.—Jonesey & Mabel, NBC
8:30 p.m.—Don Amaizo, NBC
9 p.m.—Orchestra; James Harvey; Rhena Marshall
9:30 p.m.—Orchestra with Ve One Socolofsky, soprano
10:30 p.m.—Orchestra; George Godfrey, readings
11 p.m.—Radio-Keith-Orpheum hour, NBC
12 midnight—News flashes
12:15 to 12:30 a.m.—Zita Dillon; James Harvey

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.—Jackie Souders and his orchestra
10 to 11 p.m.—String quintet and assisting artists
11 to 12 midnight—Dance music by the National Melodians under the direction of Charlie Pawlette

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

Oakland Educational Society, Oakland, Cal.
8 to 9 a.m.—Max's 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, C. R. Welsh, "God's Kingdom at Hand"
3 to 3:30 p.m.—Opera, Wright and Ralston
3:30 to 4 p.m.—Treasure Hour, Wright and Ralston
4 to 5 p.m.—Don's Hour of Happiness
5 to 5:50 p.m.—Big Brother Walter
5:50 to 6 p.m.—Kingdom or World News
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—Watch Tower program: Bible lecture, C. W. Gerdes
9 to 10 p.m.—Musical program presented under the direction of R. A. Joy

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 1 p.m.—Orchestra program
1 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 program
7 to 7:30 p.m.—Grandpa Bulger's children's hour
7:30 to 8 p.m.—Vesper music
8 to 8:30 p.m.—Studio program
8:30 to 9:30 p.m.—Church of the Nazarene
9:30 to 11 p.m.—Studio features
11 to 12 midnight—Multnomah Hotel Orchestra
12 to 6 a.m.—All night program

232.6 Meters **KDYL** **Channel 129**
1290 Kcys. **1000 Watts**

Intermountain Broad. Corp., Salt Lake City
6 p.m.—Paul Whiteman's band, CBS
7 p.m.—"Voice of Columbia," CBS
8 p.m.—Guy Lombardo and his Royal Canadians, CBS
9 a.m.—Harmony time at the studio
10 p.m.—American Philharmonic Orchestra, ABC
11 p.m.—Vic Meyers' Orchestra, ABC

526 Meters **KXA** **Channel 57**
570 Kcys. **500 Watts**

American Radio Tel. Co., Seattle, Wash.
10 to 10:15 a.m.—Inspirational services
10:15 to 10:30 a.m.—Health exercises
10:30 to 11 a.m.—Moss-La Grande Harmony duo; Jack Medford; Patsy Kelly; Jerry McGrath
11 to 11:15 a.m.—Youth Always program
11:15 to 12 noon—Our Sunshine hour
12 to 12:30 p.m.—Semi-classical recorded program
12:30 to 1:30 p.m.—Ad. Club of Seattle luncheon
5 to 6 p.m.—Recorded program
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.—Seattle Pacific College
9 to 10 p.m.—"The Nite Owls," The Gypsies, soloists
10 to 11 p.m.—Glen Carter's Merrymakers; Daisy Brunt, soloist

WEDNESDAY Programs

March 27, 1929



Virginia Treadwell
KGO—9:30 p.m.



Helen O'Neil
KFRC—Program Dir.



May Church
KFWM—7 p.m.



Hal G. Nichols
KFOX—Announcer

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 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.—Special 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 motor mates, NBC
8:30 to 9 p.m.—Remar program
9 to 9:30 p.m.—Parisian Quintet
Quintet—
By the Blue Hawaiian Waters.....Ketelby
String quartet—
Drink to Me Only With Thine Eyes.....
.....Arr. Pochon
Quintet—
Allegro moderato e maestoso, from
Quintet, Op. 14.....Saint-Saens
Danse SlaveBrahms
SerenataMoszkowski
9:30 to 10 p.m.—“Songs and the Singer,” Virginia Treadwell King, contralto
10 to 12 midnight—The Trocaderans, NBC

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

8 to 9 a.m.—Max's Market and Health Hour
2:30 to 3:30 p.m.—Organ recital, Charlotte Lenhart; health talk, Mrs. Alston Yuille
4:30 to 5 p.m.—Don's Half Hour of Happiness
5 to 5:50 p.m.—Big Brother Walter
5:50 to 6 p.m.—Kingdom or World News
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—Bible dialogue, “Why Evil Is Permitted”

465.5 Meters **KFI** Channel 64
640 Kcys. 5000 Watts
Copyright 1929, E. C. Anthony, Inc., L. A.

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, Margaret Weatheringham and Coral Tilton, Alfred Marion
3 p.m.—Inez Ingram, uke and song; Cliff Gunnung, tenor; Beulah Ellis, soprano
4 p.m.—Hugo Escobar, Spanish lessons; Bell Bridewell Dansie, soprano; Bee Allen, blues
5 p.m.—Big Brother
5:30 p.m.—Better America Federation, Colonel Smith
5:45 p.m.—Nunes Lei Trio
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.—Arrowhead Springs Water Co.
9 p.m.—Concert orchestra, Pryor Moore, director
10 p.m.—Dance music program, NBC

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

Radio Entertainments, San Francisco, Calif.
7 to 8 p.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.—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.—Jean Dotson, pianist
9 to 11 p.m.—Cocoanut Club

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.—Marj. Gilbert, blues singer; Rod and Cherrie, steel guitars; Midnight Harmony Sons, Hazel McDonald, pianist

WEDNESDAY Programs

NBC

National Broadcasting Company

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

John D. Barry's talks, which are a Wednesday morning feature, will be broadcast again through NBC system stations. Barry, widely known columnist, critic and lecturer, talks informally on public speaking and topics of the day of interest to women.

Helen Webster will follow with a discussion of exterior decoration in the Fuller feature. Painting of concrete and stucco exteriors will be included with the explanation of color combinations effective for frame buildings.

Bennie Walker, editor, will entertain and musical selections will intersperse the talks.

Broadcast through KHQ, KOMO (11 to 11:30 a. m.), KGW, KGO, KPO and KFI.

1 to 2 p.m.—Pacific Vagabonds

After saying their musical "Hello, Broadway" to their Atlantic Coast listeners, the Pacific Vagabonds, directed by Max Dolin, will proceed to entertain them with a novelty called "Carmen Capers."

Abandoning the Spanish mood of the hour, the Vagabonds will present "My Mother's Eyes," "Voici la Garconne" and several other numbers.

Broadcast through KHQ, KOMO, KGW and KGO.

3 to 4 p.m.—The Cabin Door

With the vogue for negro and southern melodies at its height, "The Cabin Door," which is broadcast through NBC system stations, is meeting with widespread response.

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

6:30 to 7:30 p.m.—Palmolive Hour

Contributing to the sixty-minute program of musical variety will be Oliver Palmer, soprano, Paul Oliver, tenor; Elizabeth Lennox, contralto; the Revelers and the Palmolive Orchestra under the direction of Gustave Haenschen.

"Babes in the Woods" from "Very Good Eddie" will be Miss Palmer and Oliver's duet, while Miss Lennox and Miss Palmer will sing Rimsky-Korsakoff's "Song of India." Vocal solos include the brilliant aria, the "Bird Song," from Leoncavallo's "Pagliacci," to be sung by Miss Palmer, and Rasbachi's ever lovely "Trees," one of Oliver's offerings.

The balance of the program includes Sousa's "El Capitan," a stirring march played by the orchestra, and "The Owl and the Pussy Cat," a comedy number to be sung by the Revelers.

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

7:30 to 8 p.m.—Gold Strand program

Two vocalists will assist the orchestra in presenting the weekly Gold Strand program.

Edna Bennet will make her first appearance in the song, "Lover Come Back to Me," from "New Moon." The second singer will be Fred Vettel, a favorite of Gold Strand listeners, whose solos will be "Eleanor" and "King for a Day."

The Gold Strand Orchestra follows the opening theme music with an exotic selection called "Savage Carnival" and contributes two other popular melodies.

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

8 to 8:30 p.m.—"Roads to Romance"

The legend of the famous "Painted Rock" at San Luis Obispo will be told by Jack and

Ethyl tonight.

This famous phenomenon has puzzled scientists of the University of California and the Smithsonian Institute since it came to their attention many years ago. A gigantic stone precipice, 200 feet high, the rock's only relief is a cleft which probably was used as an altar by California Indians before the advent of the Padres. Scientists cannot understand the coloring. Jack and Ethyl, in their visit to San Luis Obispo, hear the Indian legend of the rock and this they will tell during the broadcast.

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

8:30 to 9 p.m.—The Hill Billy Boys

Charles Marshall and his "pard" are the entertainers for the half hour, which is given over to the singing of southern mountain folk songs and negro melodies and occasional new popular tunes through KHQ.

10 to 12 midnight—Dance music by the Trocaderoans, who play under the leadership of Frank Ellis, will be broadcast from 10 to 12 through KGO from 10 to 11 through KFI, KSL and KOA and from 11 to 12 through KPO.

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. S. C. Chapel period

10:15 to 11:15 a.m.—A. 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 2:30 p.m.—Studio program

2:30 to 3 p.m.—Public Library talk

3 to 4 p.m.—Matinee Melody Masters

4 to 5 p.m.—Fred C. McNabb, "Gardens"

5 to 5:30 p.m.—"Monkey Business"

5:30 to 6 p.m.—Terpezone Co. program

6 to 6:45 p.m.—KFRC Orchestra and singers

6:45 to 7 p.m.—World-wide news

7 to 7:30 p.m.—Program from KFRC

7:30 to 8 p.m.—Don Lee, Inc., program

8 to 9 p.m.—Buick program from KFRC

9 to 10 p.m.—Smallman A. Cappella Choir

10 to 12 midnight—Burnett's Biltmore Dance Orchestra

12 to 1 a.m.—Organ and variety program

508.2 Meters

590 Kcys.

KHQ

Channel 59
1000 Watts

Louis Wasmer, Inc., Spokane, Washington

8 to 9 a.m.—Happy Time Hour

9 to 9:15 a.m.—Lesser program

9:15 to 9:30 a.m.—Musical recordings

9:30 to 10:30 a.m.—Sara Leigh's Women's Hour

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, NBC

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 (transc.), 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.—Bridge lesson

9:30 to 9:45 p.m.—Simplex singing banjoist

9:45 to 10 p.m.—Alice in Launderland

10 to 12 midnight—Trocaderoans' dance orchestra, NBC

12 to 12:30 a.m.—Trues Oil

WEDNESDAY 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 and Horace Heidt's orchestra
- 9:30 to 10 a.m.—Dobbsie's daily chat; Lou Foote's orchestra
- 10 to 10:20 a.m.—Betty Crocker's home talks
- 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 1 p.m.—Aeolian Trio
- 1 to 1:30 p.m.—Jerry Jermaine, with Newell Chase, pianist
- 1:30 to 2 p.m.—Anne Warner's home chats
- 2 to 2:30 p.m.—House of Dreams; Rita Riviera, soprano
- 2:30 to 2:45 p.m.—Secrets for women only
- 2:45 p.m.—Stock market quotations
- 3 to 4 p.m.—The Cabin Door, NBC
- 4:50 p.m.—Stock market quotations
- 5 to 6 p.m.—Children's hour, Big Brother
- 6 to 6:30 p.m.—Antanae Maids' Quartet
- 6:30 to 7:30 p.m.—Palmolive, 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 p.m.—Aeolian Trio
- 9 to 9:30 p.m.—Calif. Teachers' Conference
- 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 Trocaderans, NBC

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

- 8 a.m.—Shell Happy Time
- 9 a.m.—Organ recital
- 9:55 a.m.—Inspirational services
- 10 a.m.—Health exercises
- 10:15 a.m.—What to Prepare for Dinner
- 10:30 a.m.—Organ recital
- 11 a.m.—Women's Magazine of the Air, NBC
- 11:30 a.m.—Rhena Marshall; Fred Lynch; "Nip & Tuck"
- 12 noon—Farm flashes; grain reports
- 12:30 p.m.—Duets, Fred Lynch and Jimmie Riddel
- 12:45 p.m.—Constance Cook, recipes
- 1 p.m.—Pacific Vagabonds, NBC
- 2 p.m.—Quintet; Rhena Marshall, soprano
- 3 p.m.—The Cabin Door, NBC
- 4 p.m.—Orchestra; Alice Maclean, soprano
- 5 p.m.—Kiddies' program
- 5:30 p.m.—Stock and bond quotations
- 5:45 p.m.—News flashes
- 6 p.m.—Orchestra with James Harvey, tenor
- 6:30 p.m.—Palmolive hour, NBC
- 7:30 p.m.—Gold Strand program, NBC
- 8 p.m.—Roads to Romance, NBC
- 8:30 p.m.—Alice in Candyland
- 9 p.m.—Orchestra; Rhena Marshall; James Harvey
- 10 p.m.—Orchestra; rale quartet
- 11 p.m.—Orchestra; Walter Reseburg, baritone
- 11:30 p.m.—Late news flashes
- 11:45 to 12:30 a.m.—Orchestra with male quartet

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.—Recordings
- 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 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 to 6:10 p.m.—Curtain Calls
- 6:10 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 hour—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.—Kanteen Kapers
- 9:30 to 10 p.m.—Helen Wegman Parmelee, pianist, and Nellie Clark Alsing, soprano
- 10 to 11 p.m.—Service Co. 159th Infantry Band

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.—Talk and morning prayer
- 9 to 9:30 a.m.—Musical program
- 9:30 to 10 a.m.—Shopping news
- 10 a.m.—Town Crier's morning message
- 10:30 a.m.—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
- 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 to 6:30 p.m.—Organ program
- 6:30 to 7 p.m.—KNX String Quartet
- 7 to 7:30 p.m.—"Mr. and Mrs." radio skit
- 7:30 to 8 p.m.—Bert Butterworth and his Airedales
- 8:30 to 10 p.m.—Feature program
- 10 p.m. to 12 midnight.—Hotel Ambassador orch.
- 12 midnight to 1 a.m.—Dorado Club dance hour

239 Meters Channel 125
1250 Kcys. KXL 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 1 p.m.—Orchestra program
- 1 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 program
- 7 to 7:30 p.m.—Grandpa Bulger's children's hour
- 7:30 to 8 p.m.—Vesper music
- 8 to 10 p.m.—Rose Room trio
- 10 to 10:30 p.m.—Program from Multnomah Club
- 10:30 to 11 p.m.—Reporter and pianist
- 11 to 12 midnight—Multnomah Hotel Orchestra
- 12 to 6:30 a.m.—All night program

WEDNESDAY Programs

545.1 Meters **KTAB** Channel 55
550 Kcys. **500 Watts**

Pickwick Broadcasting Co., Oakland, Calif.

8 to 9 a.m.—Ray Raymond's Tabloids
9 to 9:30 a.m.—Morning prayer
9:30 to 10 a.m.—Records
10:15 to 11 a.m.—Classified and recordings
11 to 11:30 a.m.—Studio program
11:30 to 12 noon—Popular recordings
12 to 1 p.m.—George Otto's Hawaiians
1 to 1:30 p.m.—Organ recital
1:30 to 2 p.m.—Talk by D. Tindill
2 to 2:30 p.m.—Recordings
2:30 to 3 p.m.—Carlson, Dorman and Moran
3 to 4 p.m.—Pickwick Versatilians
4 to 5 p.m.—Orchestra; Doris Turner, soprano
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 7:15 p.m.—Finance talk, Harry Sack
7:15 to 7:30 p.m.—Studio program
7:30 to 8 p.m.—Carl Tobin, tenor
8 to 9 p.m.—KTAB Salon Orchestra
9 to 10 p.m.—Versatilians; George Garcia, tenor
10 to 10:30 p.m.—Irving Krick, Octo Lindquist
10:30 to 11 p.m.—Studio program
11 to 1 a.m.—Nite Owls

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

Warner Brothers, Hollywood, California

8 a.m.—Breakfast Club program
9:30 a.m.—Harmony hour
11 a.m.—KFWB Shoppers' Directory
12:30 a.m.—Air Journal
1:30 p.m.—Housekeepers' Chat
2 p.m.—Ann Grey and Louise Lynch, songs;
Don Warner, pianist; George Mayes, trumpet
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.—Ray Bailey's quintet
7:30 p.m.—Don Warner, piano solos
7:45 p.m.—Daily news
8 p.m.—Concert orchestra; Emma Kimmel, soprano; Charles Beauchamp, tenor
9 p.m.—A recreated world championship fight
10 p.m.—Henry Halstead's orchestra
11 to 12 midnight—Roy Fox's orchestra

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

First Baptist Church, San Jose, California

10 to 11 a.m.—The Helpful Hour
12 to 12:30 p.m.—Leonard & Holt program
12:30 to 1 p.m.—Market and weather reports
1 to 1:30 p.m.—Hart's Store half hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 2:45 p.m.—Frazier Dev. Co. program
2:45 to 3:30 p.m.—Second Street musical hour
3:30 to 4 p.m.—Fanchon's Style Chat
4 to 5 p.m.—Sunshine Hour with "W. K."
5 to 5:15 p.m.—Belco program
5:15 to 5:30 p.m.—Fifteen minutes at Franco's
5:30 to 6 p.m.—Pal's Big Brother Hour
6 to 6:20 p.m.—U. S. D. A. Farm School
6:20 to 6:50 p.m.—Farm market reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—California Farm Bureau
8 to 9:30 p.m.—First Baptist Church
9:30 to 10 p.m.—Crop digest

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.—Metro and Cosmo 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.—Golden Gate Gypsies
2:45 to 5 p.m.—Baseball from Recreation Park
5 to 5:30 p.m.—Who's Who Travelogue
5:30 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.—The Great American Appleburys, comedy skit, with Reginald Travers directing, 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.—Pacific Four, assisted by Pacific Artists' Trio, ABC
9:30 to 10 p.m.—Kenin's Capers, ABC
10 to 11 p.m.—Sleepy Time, ABC
11 to 12 p.m.—Golden Gate Gypsies, Herman Kenin directing; Yvonne Petersen and Helen Troy, ABC

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

General Electric Co., Denver, Colorado

5 to 5:30 p.m.—Vacuum Oil program, NBC
5:30 to 6 p.m.—Tom Mitchell's 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 program, NBC
8 to 8:30 p.m.—Conoco Pace Setters
8:30 to 9 p.m.—Colorado Fuel and Iron Co.
9 to 9:30 p.m.—March orchestra and "The Collegiates"
9:30 to 10 p.m.—In the Garden—A garden in old Mexico; tenor and contralto solos and duets: "Estrellita," "Old Mexico," "Ask of the Stars, Beloved," "My Tonio," "Southern Song," "Rio Rita," "La Paloma"
10 to 11 p.m.—The Trocaderans, NBC

260.7 Meters **KJBS** Channel 115
1150 Kcys **100 Watts**

J. Brunton & Sons, San Francisco, Calif.

7 to 8 a.m.—Early Bird hour
8 to 9 a.m.—Favorite recordings
9 to 9:30 a.m.—Embassy popular program
9:30 to 10:30 a.m.—Orthophonic recordings
10:30 to 11 a.m.—Cressy Ferra, jazz pianist
11 to 12 noon—Instrumental recordings
12 to 12:30 p.m.—Variety record program
12:30 to 1 p.m.—Talk on aviation
1 to 1:45 p.m.—Raymond Melodists
1:45 to 2 p.m.—Dr. Wiseman, health talk
2 to 3 p.m.—Popular recordings
3 to 3:15 p.m.—Mahra, the Great
3:15 to 4 p.m.—Red Seal records
4 to 5 p.m.—Art Fadden, pianist
5 to 5:30 p.m.—Vocal recordings
5:30 to 6:15 p.m.—Dinner music

WEDNESDAY Programs

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 9:20 a.m.—Novelty program
9:20 to 9:50 a.m.—Organ recital
9:50 to 10 a.m.—Spanish program
10 to 10:10 a.m.—Hawaiian program
10:10 to 10:20 a.m.—Popular songs
10:20 to 10:30 a.m.—Salon music
10:30 to 10:50 a.m.—Popular dance music
10:50 to 11 a.m.—"Clarence"
11 to 11:10 a.m.—Beauty talk, Mae Day
11:10 to 11:50 a.m.—Banjo recordings; news
11:50 to 12 noon—Musical numbers
12 to 12:30 p.m.—"Gene and Bill"
12:30 to 1 p.m.—Louise Church and Maud Irvine
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.—Dick Love's orchestra
5 to 5:30 p.m.—Eleanor Sammons and Louise Church
5:30 to 6 p.m.—String trio
6 to 6:05 p.m.—Lost and found department
6:05 to 6:30 p.m.—Supper Club
6:30 to 7 p.m.—Motor Tires Quartette
7 to 7:30 p.m.—Minstrel show
7:30 to 8 p.m.—Rhythm Makers
8 to 8:30 p.m.—Jones Orchestra
8:30 to 9 p.m.—Long Beach Municipal Band
9 to 9:45 p.m.—Orchestra and Warner Duo
9:45 to 10:30 p.m.—Fights from Wilmington Bowl
10:30 to 11 a.m.—Rhythm Makers
11 to 12 midnight—Organ recital

232.6 Meters **KDYL** **Channel 129**
1290 Kcys. **1000 Watts**

Intermountain Broad. Corp., Salt Lake City

6 p.m.—Instrumental ensemble and soloists
7 p.m.—Varied program, CBS
7:30 p.m.—Studio time, featuring orchestra
8 p.m.—Harmony program
8:30 p.m.—Late record releases
9 p.m.—Plano recital and male quartet, ABC
9:30 p.m.—Kenin Novelities, ABC
10 p.m.—"Sleepy Time Program," ABC
11 p.m.—Golden Gate Gypsies, ABC

526 Meters **KXA** **Channel 57**
570 Kcys. **500 Watts**

American Radio Tel. Co., Seattle, Wash.

10 to 10:15 a.m.—Inspirational services
10:15 to 10:30 a.m.—Health exercises
10:30 to 11 a.m.—Moss-La Grande Harmony duo; Patsy Kelly; Jack Medford; Jerry McGrath
11 to 11:15 a.m.—Youth Always program
11:15 to 12 noon—Our Sunshine hour
12 to 12:30 p.m.—Hawley Oil Burner program
12:30 to 1:30 p.m.—Recorded program
5 to 6 p.m.—Recorded program
5 to 7 p.m.—Slim Secord's Hot-En-Tots
7 to 7:30 p.m.—Studio program
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.—Jazz Pirates with Jo-Alton Brimmer
10 to 11 p.m.—Glen Carter's Merrymakers; Patsy Kelly, soloist

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

The Morning Oregonian, Portland, Oregon

7:15 to 1:30 a.m.—Y. M. C. A. health exercises
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 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
12 to 1 p.m.—Luncheon concert
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.—Music by Mat Howard
6:15 to 6:30 p.m.—Book chat by Richard Montgomery
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 from KOMO
11 to 12 midnight—KGW Dance Band
12 to 12:15 a.m.—Oregonian news summary

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

Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset's Musical Klock
8:45 to 9:30 a.m.—Program of general interest
9:30 to 9:45 a.m.—The Market Basket
9:45 to 10 a.m.—Housekeepers' Chat
10 to 10:10 a.m.—Soups and Chowders
10:10 to 11 a.m.—Household Topics
11 to 11:15 a.m.—Dorothy Neighbors, menu hints
11:15 to 12 noon—Musical Moments
12 to 12:15 p.m.—Organ, Frederick C. Feringer
12:15 to 12:30 p.m.—Farm flashes, fruits and vegetables
12:30 to 1:30 p.m.—Rotary Club luncheon program
2 to 3 p.m.—Matinee Melodies
3 to 4 p.m.—Organ, Frederick C. Feringer
4 to 4:30 p.m.—Twilight Time
4:30 to 5 p.m.—News items, weather report
5 to 6 p.m.—Service hour
6 to 6:40 p.m.—Music, newscasting
6:40 to 7 p.m.—Madge Baldwin, This and That
7 to 7:30 p.m.—Ken Stuart's half hour
7:30 to 8:15 p.m.—Studio program
8:15 to 8:30 p.m.—KOL Movie Club
8:30 to 9 p.m.—Symphony hour
9 to 9:15 p.m.—Amos 'n' Andy
9:15 to 9:30 p.m.—Requests
9:30 to 10 p.m.—Pacific Trade program
10 to 11 p.m.—Studio program
11 to 12 midnight—Hotel Butler Indians

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THE SINGING PICTURE

(Continued from Page 7)

not explain the mystery. But, I will show you. . . ."

Leaving young McCormick standing before the picture, Claybrough walked into the music room, lifted the front of the mellow old Friederici and softly touched a key. For an instant, only the piano note sounded in the great Hall, and then, from the very picture itself came the living essence of the same clear note—swelling steadily and then gradually dying away. Again and again Claybrough touched the key, and each time the picture answered. Presently Claybrough came out of the music room. . . .

Larry McCormick's face was expressionless. He was studying the painting with concentrated attention. He walked closer and examined it, viewing it first in this light and that. The canvass told him nothing. The frame, when he touched it, was solid and unyielding nor did a careful tapping with a knuckle reveal any hollow places. Larry turned to his host.

"No other note does that?"

"Octaves of that note affect it slightly, but not to any great extent. The first lower octave produces the same note here, but faintly. . . ."

Larry nodded quickly as if he expected the answer.

"The piano?" he asked. "That can be moved—freely? There is no electrical connection possible?"

Claybrough raised his hand with an instinctive gesture of horror.

"We are not so modern as you in America," he smiled, gravely. "Our only electrical devices are door bells and such."

Larry nodded again.

"I will try an experiment, with your permission," he said.

Claybrough nodded and Larry ran rapidly up the broad stairs to his sleeping apartment. He returned presently with a small metal box.

"We call this an oscillator," he explained, as he attached a coil and set a tiny buzzer to singing, inside the device. "It is used for various purposes in radio—chiefly in determining frequencies or producing them. Wait! I'll show you."

He placed the box against the frame of the picture, listening intently. There was no sound save the steady whine of the buzzer within the morning shadows of the great Hall. From time to time, Larry changed the tiny coils of green wire. Presently his eyes lighted and he placed his ear against the frame of the picture. He made a slight ad-

justment and abruptly switched off the buzzer. Into the quiet Hall came again the note from the picture—this time without the piano being struck.

"Ah!" said Larry, and smiled broadly.

"By Jove!" exclaimed Charles Claybrough, staring.

Larry walked over and placed the box on the seat of a tall carved chair. He copied certain figures from the coil, and with a pencil figured rapidly on the back of an envelop. Claybrough watched him in fascination. Presently Larry looked up, measuring the height of the picture frame with his eye. He whistled softly. Then he laughed.

"I'll make you a wager," he said suddenly.

"Done," said his host promptly. "Name it!"

"I'll wager you that on the back of that picture frame there is a piano wire just four feet six inches long, tuned to middle A of the keyboard. And I'll wager, further, that the wire is the answer to the mystery of the girl and her harp."

Claybrough stared at him open-mouthed.

"Oh, I say. . . ." he began, and then the surety in young McCormick's attitude arrested him. He turned abruptly and struck a gong. A servant answered.

"I want you to take this picture down," said Claybrough. "You will need tools. It is bracketed."

The servant left, to return presently with another, and a collection of screwdrivers. Larry stood by while the two men unclamped the rusty brackets that held the picture to the wall. A cloud of dust came away with it. . . . Together Larry and Charles Claybrough peered behind the dusty canvass and its frame. There, crossing the back vertically from top to bottom held tightly between two rusty piano pegs was—a piano wire!

Softly Larry plucked it with his finger. Into the silent Hall came the phantom note of the painted harp—the mystery note of Buxley Hall. . . .

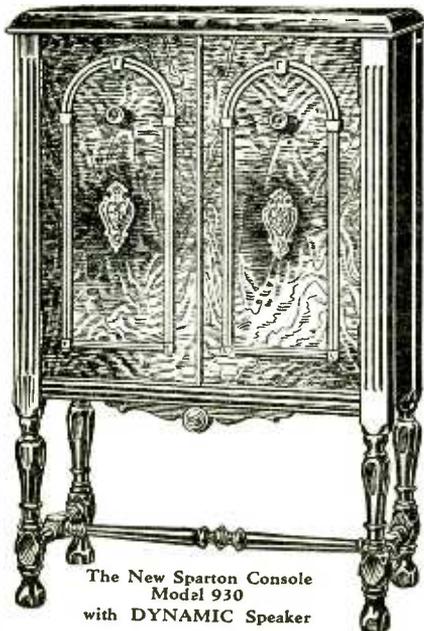
"You see," said Larry—it was later as they sat at breakfast—"the frequency generated by the oscillator when I put on a certain coil created a series of tiny sound waves from the thin metal reed with which the oscillator is equipped. These sound waves impinging upon the wire—in audible themselves to the human ear—set the wire into vibration."

"But I say—how did you know the exact length of that wire?" asked Claybrough. "I measured it myself afterward. It was correct—to the inch."

"That," laughed Larry, "was just simple mathematics. Once I knew the frequency

(Continued on Page 80)

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THURSDAY Programs · · · March 28, 1929



Calmon Luboviski
KNX—8:30 p.m.



Kevin Ahearn
KPO—9:30 a.m.



David McDaniel
KQW—8 p.m.



Charles Keeler
KGO—8:30 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 10:45 a.m.—“Happy Homes,” Bettina Angelo
10:45 to 11:30 a.m.—Rembrandt Trio
11:30 to 12 noon—Standard School Broadcast, NBC
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; Jack Martin's Hawaiians
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce; news
6 to 6:30 p.m.—Selberling 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.—Skipper Brown's Yarns: “The Wedding Day,” by Charles Keeler. Presented by the KGO Players. Wilda Wilson Church, directing
9:30 to 10 p.m.—The Three Boys
10 to 10:30 p.m.—Travelogue
10:30 to 12 midnight—The Trocaderans, NBC

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

10 to 11 a.m.—The Helpful Hour
12 to 12:30 p.m.—Leonard & Holt program
12:30 to 1 p.m.—Market and weather reports
1 to 1:30 p.m.—Hart's Store half hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 2:45 p.m.—Frazier Dev. Co. program
2:45 to 3:30 p.m.—Second Street musical hour
3:30 to 4 p.m.—Fanchon's Style Chat
4 to 5 p.m.—Sunshine Hour with “W. K.”
5 to 5:15 p.m.—Weeks Securities Corporation
5:15 to 5:30 p.m.—Fifteen minutes at Franco's
5:30 to 6 p.m.—Pal's Big Brother Hour
6 to 6:20 p.m.—U. S. D. A. Farm School
6:20 to 6:50 p.m.—Farm market reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—Farm Bureau news
8 to 9:30 p.m.—Songs of the old church choir
9:30 to 10 p.m.—Crop digest

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
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

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

8 to 9 a.m.—Max's 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, O. B. Ed-
dins, “The Hebrew Prophets and the State”
3 to 3:30 p.m.—Opera, Wright and Ralston
3:30 to 4 p.m.—Treasure Hour, Wright and Ral-
ston
4 to 5 p.m.—Don's Hour of Happiness
5 to 5:50 p.m.—Big Brother Walter
5:50 to 6 p.m.—Kingdom or World News
7 to 8 p.m.—Doc Herrold
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 to 11 p.m.—KFWM Maui Hawaiians

232.6 Meters **KDYL** Channel 129
1290 Kcys. 1000 Watts
Intermountain Broad. Corp., Salt Lake City

6 p.m.—Favorite radio artists
6:30 p.m.—Columbia Broadcasting System pre-
sented famous entertainers
7 p.m.—Studio time
8 p.m.—“Chronicles of Katz,” ABC
9 p.m.—American Opera Company, ABC
10 p.m.—“Nite Club Skit,” ABC
10:30 p.m.—Piano duets by Aubrey Knoff and
Helen Hill, ABC
10:45 p.m.—Saxophone sextette, ABC
11 p.m.—Vic Meyers' Orchestra, ABC

THURSDAY 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, with William H. Hancock
 8 to 9 a.m.—Shell Happy Time by Hugh Barrett Dobbs with William H. Hancock, Dixie Marsh and Lou Foote's orchestra
 9:30 to 10 a.m.—Dobbssie's daily chat, with Kevin Ahern, Irish tenor
 10 to 10:10 a.m.—Annabelle Lee
 10 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 Bros.
 2 to 2:30 p.m.—House of Dreams; Phillip Newcomb, tenor
 2:30 to 2:45 p.m.—Secrets for women only
 2:45 to 3 p.m.—Stock market quotations
 3 to 4 p.m.—The Wanderers program, NBC
 4:30 to 4:45 p.m.—U. S. Dept. of Commerce talk
 4:45 to 5 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 Assoc. 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.—Chrysler program with Merton Bories
 9:30 to 10 p.m.—Tommy Munroe and Bob Allen
 10 to 12 midnight—Trocaderans, NBC

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 a.m.—Northw. Sunrise Pep Period
 7:30 to 8 a.m.—Myrohl Musical Klock
 8 to 8:30 a.m.—Spokane Furniture
 8:30 to 9 a.m.—Kronenberg's program
 9 to 10 a.m.—Household Service
 10 to 11 a.m.—Sara Leigh's Women's Hour
 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.—The New Voice of the Skies
 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, NBC
 7:30 to 8:30 p.m.—Standard Symphony, NBC
 8:30 to 9:30 p.m.—Crescent's Old Favorites
 9:30 to 10 p.m.—Sprague Avenue Invest.
 10 to 11 p.m.—Associated Oil Brass Band, KOMO

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 Golden Hour Orchestra, KJR, KEX, KGA, KYA, KMTR, KLZ, KDYL
 9 to 9:30 a.m.—Mary Cooke, Better Homes program, KJR, KGA, KEX, KYA, KLZ, KDYL
 9:30 to 9:45 a.m.—Glenn Eaton and Marjorie Robillard, KJR, KGA, KEX, KYA, KLZ, KDYL
 9:45 to 10 a.m.—Devotional service, KJR, KGA, KEX, KYA, KLZ, KDYL
 10:30 to 10:45 a.m.—Georgia O. Georgia, 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, KLZ, KDYL
 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 Salon Orchestra, Francesco Longo, director; soloist, Dorothy Lewis, KJR, KGA, KEX, KLZ, KDYL
 1:30 to 2 p.m.—Lecture, "The Well Trained Child," KJR, KGA, KEX, KYA, KDYL, KLZ
 2 to 3 p.m.—American Artistic Ensemble; soloists, Gertrude Kirksmith 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, KGA, KEX, KDYL, KLZ
 4 to 5 p.m.—The Melodians, KJR, KGA, KEX, KDYL, KLZ
 5 to 6 p.m.—Vic Meyers' orchestra, KJR, KGA, KEX, KDYL, KLZ; KLZ and KDYL take this program to 5:30 p.m.
 6 to 6:30 p.m.—Novelty program, KJR, KGA, KEX
 6:30 to 7 p.m.—Orchestra, KJR, KGA, KEX, KYA, KDYL, KLZ
 7 to 8 p.m.—American Artistic Ensemble, soloists, KJR, KGA
 8 to 8:30 p.m.—"Chronicles of Katz," humorous sketch, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL
 8:30 to 9 p.m.—Enchanters' Male Quartet, KJR, KGA, KEX, KMTR, KLZ, KDYL
 9 to 10 p.m.—American Opera Company, KJR, KGA, KEX, KMTR, KDYL, KLZ
 10 to 10:30 p.m.—Nite Club Skit, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ
 10:30 to 10:45 p.m.—Novelty piano duo, Aubrey Knoff and Helene Hill, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL
 10:45 to 11 p.m.—Saxophone sextet, KJR, KGA, KEX, KYA, KMTR, KLZ, KDYL
 11 to 12 midnight—Vic Meyers' orchestra, KJR, KGA, KEX, KYA, KMTR, KDYL, KLZ

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

5:30 p.m.—Old time dance music
 6 p.m.—Salt Lake Police Department
 6:15 p.m.—Dr. E. E. Keller
 6:30 p.m.—Rhythm Trio, Lowell Berry, pianist
 7 p.m.—National Broadcast Co. program
 7:30 p.m.—Apollo Male Quartet and Peerless Instrumental Trio
 8:30 p.m.—Mormon Tabernacle organ and choir
 9 p.m.—John Stacey and his orchestra
 10 p.m.—Claude Kiff's Odeon Ballroom Band

THURSDAY 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 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.—Metro and Cosmo 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 5:30 p.m.—Who's Who Travelogues
 5:30 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.—Orchestra, ABC, Seattle
 7 to 7:30 p.m.—Pacific Salon Orchestra
 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 10 p.m.—Ice Hockey from Iceland
 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 quintet, ABC
 11 to 12 midnight—Vic Meyers, 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.—KHJ "Early Birds"
 9 to 9:15 a.m.—"Dip-It" program
 9:15 to 9:30 a.m.—The Thine Lady
 9:30 to 9:55 a.m.—Late recordings
 9:55 to 10:15 a.m.—U. S. C. Chapel period
 10:15 to 11:55 a.m.—A. 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 Orchestra
 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 Cole, "This and That"
 3 to 4 p.m.—Matinee Melody Masters
 4 to 4:30 p.m.—Health talk
 4:30 to 5 p.m.—Studio program
 5 to 5:30 p.m.—Organ recital
 5:30 to 5:50 p.m.—Police Com. W. G. Thorpe
 5:50 to 6 p.m.—Recordings
 6 to 6:45 p.m.—KFRC Orchestra and singers
 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 9 p.m.—Reo program
 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 variety program

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.—Salon orchestra and male quartet

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

7 to 8 a.m.—"Simp' Pitts"
 8 to 9 a.m.—Embassy Theater 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
 3 to 4 p.m.—Sir Francis Drake Hotel Orchestra
 4 to 4:30 p.m.—"The Observer" about new books
 4:30 to 4:35 p.m.—Something about everything
 4:35 to 4:55 p.m.—News bulletin; lost and found
 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's children's hour
 6 to 7 p.m.—KFRC Concert Orchestra
 7 to 7:30 p.m.—Berger's X Y Z program
 7:30 to 8 p.m.—Sir Francis Drake Hotel Orchestra
 8 to 9 p.m.—"Cruise of the Flying Cloud"
 9 to 9:30 p.m.—Program featuring the Pearce Brothers
 9:30 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' Orchestra

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 9:20 a.m.—Novelty program
 9:20 to 9:50 a.m.—Organ recital
 9:50 to 10 a.m.—Spanish program
 10 to 10:10 a.m.—Hawaiian program
 10:10 to 10:20 a.m.—Popular songs
 10:20 to 10:30 a.m.—Salon music
 10:30 to 10:50 a.m.—Popular dance music
 10:50 to 11 a.m.—"Clarence"
 11 to 11:10 a.m.—Beauty talk, Mae Day
 11:10 to 11:50 a.m.—Banjo recordings; news
 11:50 to 12 noon—Musical numbers
 12 to 12:30 p.m.—"Gene and Bill"
 12:30 to 1 p.m.—Foster Rucker; Louise Church
 1 to 1:15 p.m.—Talk, "Health and Efficiency"
 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.—Oldtime dance music
 5 to 5:30 p.m.—Eleanor Sammons; and Louise Church
 5:30 to 6 p.m.—String trio
 6 to 6:05 p.m.—Lost and found department
 6:05 to 6:30 p.m.—Supper Club
 6:30 to 7:30 p.m.—Bear Cafe Orchestra
 7:30 to 8 p.m.—Sunset Harmony Boys
 8 to 8:30 p.m.—Rebroadcast from KNX
 8:30 to 9 p.m.—Long Beach Municipal Band
 9 to 9:30 p.m.—Cecil Fry
 9:30 to 11 p.m.—Classical hour
 11 to 12 midnight—Organ recital, Dick Dixon

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
 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.—News of Christian work
 1 to 1:15 p.m.—Ernest Nichols, baritone
 1:15 to 2 p.m.—Misionary biographies
 2 to 2:30 p.m.—Rev. W. E. Appleberry

THURSDAY Programs

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
11:30 a.m.—Standard Oil Co. program, NBC
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
2 p.m.—Leon Archer, Eddie Marble
2:30 p.m.—Helen White, Aaron Gonzales, pianist
3 p.m.—Alma and Adele Howell; 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 Building and Loan Co. program
9:30 p.m.—Concert orchestra; Pryor Moore, dir.
10 p.m.—Dance music program, NBC

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

Fisher's Blend Station, Seattle, Washington

9:55 a.m.—Inspirational services
10 a.m.—Y. M. C. A. health exercises
10:15 a.m.—What to Prepare for Dinner
10:30 a.m.—Organ recital
11 a.m.—"Nip & Tuck"; Rhena Marshall
11:30 a.m.—Standard School broadcast, NBC
12 noon—Farm flashes; grain reports
12:45 p.m.—Constance Cook, recipes
1 p.m.—Gyrators with Fred Lynch, tenor
1:45 p.m.—Quintet; Rhena Marshall, soprano
2:45 p.m.—"Joy Boys"
3 p.m.—The Wanderers, NBC
4 p.m.—Orchestra, Fred Lynch; Rhena Marshall
5 p.m.—Kiddies' program
5:30 p.m.—Stock and bond quotations
5:45 p.m.—News flashes
6 p.m.—Seiberling program, NBC
6:30 p.m.—Orchestra; 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, KHQ
9:30 p.m.—Novelty trio
10 p.m.—Associated Brass Band
11 p.m.—Alaska School program
11:15 p.m.—Novelty trio; Art Lindsay; James Harvey
12:15 to 12:30 a.m.—Late news flashes

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

General Electric Co., Denver, Colorado

5 to 5:30 p.m.—Forhan's Song Shop, NBC
5:30 to 6 p.m.—Hoff-Schroeder Crystal Studio Entertainers
6 to 6:30 p.m.—Seiberling Singers, NBC
6:30 to 7 p.m.—Maxwell House Coffee hour, NBC
7 to 7:30 p.m.—Halsey Stuart, NBC
7:30 to 8 p.m.—United States National Bank
8 to 8:30 p.m.—Supreme Serenaders
8:30 to 9 p.m.—Extension Service, Colorado Agricultural College

545.1 Meters **KTAB** **Channel 55**
550 Kcys. **500 Watts**

Pickwick Broadcasting Co., Oakland, Calif.

8 to 9 a.m.—Ray Raymond's Tabloids
9 to 9:30 a.m.—Morning prayer
9:30 to 10 a.m.—Dr. J. Douglas Thompson
10 to 11:30 a.m.—Classified recordings
11:30 to 12 noon—Brunswick recordings
12 to 1 p.m.—George Otto's Hawaiians
1 to 1:30 p.m.—Organ recital
3 to 4 p.m.—Versatilians; Estelle Moran
4 to 5 p.m.—Orchestra; Robert Carlson, baritone
5 to 6 p.m.—Brother Bob's Frolic
6 to 6:30 p.m.—Studio program
6 to 7 p.m.—Twilight Hour
7 to 8 p.m.—States Orchestra; Waldemar Lind, director
8 to 9 p.m.—Artists' review
9 to 10 p.m.—Romance Hour
10 to 11 p.m.—Orchestra; Joan Ray, Davis Turner
11 to 1 a.m.—Night Owls

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

Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset's Musical Klock
8:45 to 9:30 a.m.—Program of general interest
9:30 to 9:45 a.m.—The Market Basket
9:45 to 10 a.m.—Housekeepers' Chat
10 to 10:10 a.m.—Soups and Chowders
10:10 to 11 a.m.—Household Topics
11 to 11:15 a.m.—Dorothy Neighbors, menu hints
11:15 to 12 noon—Musical Moments
12 to 12:15 p.m.—Organ, Frederick C. Feringer
12:15 to 12:30 p.m.—Farm flashes, poultry
12:30 to 1:30 p.m.—Shrine Club luncheon program
2 to 3 p.m.—Matinee Melodies
3 to 4 p.m.—Organ, Frederick C. Feringer
4 to 4:30 p.m.—Twilight Time
4:30 to 5 p.m.—News items, weather report
5 to 6 p.m.—Service hour
6 to 6:40 p.m.—Music, newscasting
6:40 to 7 p.m.—Madge Baldwin, This and That
7 to 7:30 p.m.—Program by State Highway Patrol
7:30 to 7:55 p.m.—Studio program
7:55 to 8 p.m.—Market advice
8 to 8:30 p.m.—"4-H Club Crier"
8:30 to 9 p.m.—Pacific Trade program
9 to 9:15 p.m.—Amos 'n' Andy
9:15 to 9:30 p.m.—Henry Ehlers' Ukulele Ditties
9:30 to 10 p.m.—Request hour
10 to 12 midnight—Cole McElroy's dance band

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

Wynar Brothers, Hollywood, California

9:30 a.m.—Harmony hour
11 a.m.—Shoppers' Directory
12:30 p.m.—Air Journal
1:30 p.m.—Housekeepers' Chat
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.—Program by Edward Murphy
7:30 p.m.—Mark Corden, popular songs
7:45 p.m.—Daily News
8 p.m.—Vernon Rickard, tenor; concert orch.
9 p.m.—Hollywood Revelers; Badger and Burns, song and patter team
10 p.m.—Amos 'n' Andy
10:10 p.m.—Henry Halstead's orchestra
11:10 to 12:10 a.m.—Roy Fox' orchestra

THURSDAY Programs

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

The Morning Oregonian, Portland, Oregon
 9 to 9:30 a.m.—Betty Baker's Cooking School
 9:30 to 10 a.m.—Chamber of Commerce talk
 10 to 10:15 a.m.—Women's setting-up exercises
 10:15 to 11:30 a.m.—The Town Crier
 11:30 to 12 noon—Standard Oil Company program, 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.—Thrill 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 hour, NBC
 8:30 to 9:30 p.m.—Memory Lane program, NBC
 9:30 to 9:45 p.m.—Current events
 9:45 to 10 p.m.—Tommy Luke's Flower Girls
 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

526 Meters **KXA** **Channel 57**
570 Kcys. **500 Watts**

American Radio Tel. Co., Seattle, Wash.
 10 to 10:15 a.m.—Inspirational services
 10:15 to 10:30 a.m.—Health exercises
 10:30 to 11 a.m.—Moss-La Grande Harmony duo; Jerry McGrath; Jack Medfodr, Patsy Kelly
 11 to 11:15 a.m.—Youth Always program
 11:15 to 12 noon—Our Sunshine hour
 12 to 12:30 p.m.—Semi-classical records
 12:30 to 1:30 p.m.—Men's Business Club luncheon
 5 to 6 p.m.—Recorded program
 6 to 7 p.m.—Slim Secord's Hot-En-Tots
 7 to 7:30 p.m.—Studio program
 7:30 to 7:45 p.m.—National Health Forum
 7:45 to 8 p.m.—Recorded program
 8 to 9 p.m.—Popular program; Daisy Brunt; Jack Medford; Lurlene Day; Moss-La Grande Harmony boys
 9 to 9:30 p.m.—University Players
 9:30 to 10:30 p.m.—Glen Carter's Merrymakers; Oscar Johnson, soloist
 10:30 to 12 midnight—"Bats in the Belfry" frolic

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
 10 to 12 noon—Home economics and music
 12 to 1 p.m.—Orchestra program
 1 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 program
 7 to 7:30 p.m.—Grandpa Bulger's children's hour
 7:30 to 8 p.m.—Vesper music
 8 to 8:30 p.m.—Studio program
 8:30 to 9 p.m.—Imperial Skating Rink program
 9 to 10 p.m.—Multnomah Hotel Orchestra
 10 to 10:30 p.m.—Studio feature
 10:30 to 12 midnight—Tom Cats frolic
 12 to 6:30 a.m.—All night 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.—Talk and morning prayer
 9 to 9:30 a.m.—Musical program
 9:30 to 10 a.m.—Shopping news
 10 a.m.—Town Crier's morning message
 10:30 a.m.—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.—Paul Hugon
 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.—KNX String Quartet
 7 to 7:30 p.m.—Courtesy program
 8:30 to 9:30 p.m.—Luboviski trio, Calmon Luboviski, master violinist; Claire Mellonino, pianist; Walter V. Ferner, cellist
 9:30 to 10 p.m.—Feature program
 10 p.m. to 12 midnight.—Hotel Ambassador orch.
 12 midnight to 1 a.m.—Dorado Club dance hour

260.7 Meters **KJBS** **Channel 115**
1150 Kcys **100 Watts**

J. Brunton & Sons, San Francisco, Calif.
 7 to 8 a.m.—Early Bird hour
 8 to 9 a.m.—Favorite recordings
 9 to 9:30 a.m.—Embassy popular program
 11 to 12 noon—Concert recordings
 12 to 1 p.m.—Dance recordings
 1 to 1:30 p.m.—Raymond Melodists
 1:30 to 3 p.m.—Variety records
 3 to 4 p.m.—Records for the bridge hour
 4 to 5 p.m.—Dorothy Tourneur, soprano; Imo Persons, pianist
 5 to 5:30 p.m.—New record releases
 5:30 to 6:15 p.m.—Dinner music

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THE SINGING PICTURE

(Continued from Page 72)

and the pitch, it was comparatively easy to determine what length of string would produce that note. By the way—what was the story of the painting . . . ?”

I have it here, said Claybrough.

He held up a worn, stained little volume. It was the diary that had been laid away in the forgotten chest many years before. Larry held out his hand, but his host shook his head.

“I will read it to you,” he said, “while you finish your muffins. I have never read it to anyone else. It is very precious to me. You see—the painting is . . . my mother! The artist, my father—a lost genius. I never saw him . . . but I remember my mother. And you can imagine my amazement when I first saw her picture on this wall while a house guest of Lord Limmford. . . . That is why I purchased Buxley Hall!”

And opening the book at a certain page, he began to read . . . !

HUGH BARRETT DOBBS

(Continued from Page 22)

It is just as though he were at a party with high school chums, and someone had suggested that he sing them a song. He has felt that way about it ever since he has been on the air. He confesses that he has a tendency to forget that there is such a thing as a microphone in the room with him. In addition, he has never lost consciousness of the “miracle” of radio. The wonder of being able to talk to hundreds of thousands of persons, over thousands of miles of mountain, sea and plain, is ever a stimulating thought with him.

He has a deep faith in the stupendous commercial possibilities of radio. The spoken word, he says, can be the most powerful force in human affairs. With this faith, and his own phenomenal success on the air, Hugh Barrett Dobbs has carried his expansion in the radio field outside of the precincts of his own personal broadcasting. He has opened offices in the Humboldt Bank Building as a commercial radio program counselor. In an advisory capacity, and with production facilities, he offers his services to all radio advertisers on any station.

The busiest men often have more time for recreational activities than their slower moving brothers. They have learned to make every second of their time count. “Dobbsy” lives in Burlingame and catches the 5:49 train in the morning in order to be on the air

from KPO's studio with the S & W exercises at 6:45. He finds time for golf, swimming and fishing. Baseball, football and similar sports he loves. He was once a champion school-boy sprinter himself. He also loves the movies, vaudeville, travel books and sea stories. His favorites in Dr. Elliott's five-foot shelf, which he determinedly read from beginning to end, were Darwin's “Cruise of the Beagle” and Dana's “Three Years Before the Mast.” He reads the National Geographic, the Saturday Evening Post and plays bridge. The poetry he reads daily over the air comes fresh to his eyes at the mike. He feels that his first enjoyment of it is communicable to his audience.

On the other hand, there are a couple of things which interfere with “Dobbsy's” peace of mind considerably. One of them is swearing, and the other is for women to smoke or powder their shiny noses in public.

CROSLY PLANTS ARE IN FULL PRODUCTION

With the present production equal in volume to that of November, formerly the busiest month in the radio industry, Powel Crosley, Jr., head of the Crosley Radio Corporation, is firm in his belief that all traces of the seasonal aspect have been removed from the business at least as far as the low priced field is concerned.

“Due to the unprecedented demands for our new models, we find that we may be confronted with the same problem we had to face in November, that of a shortage of merchandise,” explained Mr. Crosley. “We thought in November, however, that the demand which caused the shortage was occasioned by Christmas orders. However, with dealers demanding sets in carload lots in January and February, we realize that the people are buying radios without regard to season.

“It is true that the introduction of the new Showchest lent new life to the merchandising activities of our dealers,” continued Mr. Crosley, “but at the same time the ready acceptance of these models by the public indicate that the replacement of obsolete radio sets is going forward at a steady pace. This model, being of the ensemble type with speaker and chassis in the same cabinet, is merely filling the demand of those who have been waiting for just such models. The introduction of a choice of color in cabinet finish has also prompted many to replace their old sets at this time.”

Kierulff & Ravenscroft of 121-131 Ninth Street, San Francisco, and 133-141 West Seventeenth Street, Los Angeles, are distributing Crosley merchandise in California.



SPARTON RADIO

"The Pathfinder of the Air"

The EQUASONNE

Wholesale Distributors

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

2511 Broadway, Oakland 255-261 Ninth St., San Francisco



*Other Models
\$152.50 to \$925*

A NEW SPARTON CONSOLE \$199.50 WITH TUBES
The thrill of radio at its enchanting best is now brought within the means of all. The brilliance . . . the tonal magnificence . . . that have brought universal recognition to Sparton as "Radio's Richest Voice" is yours in full measure in this new Sparton EQUASONNE console. Be sure you hear it.

THE MUSIC SHOPPE

2335 Shattuck Ave., Berkeley Phone BErkeley 1267

FRIDAY Programs · · · · · March 29, 1929



John Risso
KPO—9:30 a.m.



Nita Mitchell
KYA—11 p.m.



Louise Jacobsen
KGW—Staff Pianist



Gordon Brown
KJBS—Announcer

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 11:45 a.m.—A n t r o l Laboratories program, NBC
11:45 to 12 noon—Elnor 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.—Philco program, NBC
7 to 7:30 p.m.—Hudson-Essex Challengers, NBC
7:30 to 8 p.m.—A half hour with the Senate, NBC
8 to 9 p.m.—RCA Hour, NBC
9 to 9:30 p.m.—Borden Sales program, NBC
9:30 to 10 p.m.—The Olympians
10 to 11 p.m.—Western Artist Series concert. The KGO Mixed Quartet presents the Good Friday cantata "Olivet to Calvary," by Maunder
11 to 12 midnight—Burt King's Hotel Claremont Orchestra (Berkeley)

260.7 Meters **KJBS** Channel 115
1150 Kcys. 100 Watts

J. Brunton & Sons, San Francisco, Calif.

- 7 to 8 a.m.—Early Bird hour
8 to 9 a.m.—Popular recordings
9 to 9:30 a.m.—Embassy popular program
10:45 to 11 a.m.—Dr. Wiseman, health talk
11 to 12 noon—Instrumental recordings
12 to 1 p.m.—Popular dance tunes
1 to 1:30 p.m.—Raymond Melodists
1:30 to 2 p.m.—Variety records
2 to 3 p.m.—Red Seal recordings
3 to 3:15 p.m.—Mahra, the Great
3:15 to 4 p.m.—Records for the bridge hour
4 to 5 p.m.—Dance music
5 to 6:30 p.m.—Dinner music

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

Don Lee, Inc., San Francisco, Calif.

- 7 to 8 a.m.—"Simpy Pitts"
8 to 9 a.m.—Embassy Theater 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
1:30 to 2:30 p.m.—Musical record program
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 5:30 p.m.—Mac and his gang
5:30 to 6 p.m.—Emporium's 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.—Toll bridge program
7:30 to 8 p.m.—Anna Kristina
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.—Sherman, Clay & Co. program
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'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 1 p.m.—Orchestra program
1 to 2 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 program
7 to 7:30 p.m.—Grandpa Bulger's children's hour
7:30 to 8 p.m.—Vesper music
8 to 8:30 p.m.—Studio features
8:30 to 9 p.m.—Retail Bakers' studio hour
9 to 10:30 p.m.—Studio program with orchestra
10:30 to 12 midnight—Imperial Skating Rink music
12 to 6:30 a.m.—All night program

FRIDAY Programs

NBC

National Broadcasting Company

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

A palatable hot drink with milk as the foundation often relaxes the weary "office brain," and Ann Holden, domestic science expert, will present several of these during the "Woman's Magazine of the Air" this morning.

Miss Holden has tested a number of these evening drinks for inducing sleep and will read the recipes for the first time today during the Alpine feature. Lenten cheese dishes will be discussed by Miss Holden during the Kraft feature.

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

11:30 to 11:45 a.m.—Antrol program

This fifteen-minute broadcast is a pianologue in which Henry Starr provides both musical diversion and interesting information.

Broadcast through KGO, KPO and KFI.

1 to 2 p.m.—Pacific Little Symphony

Masterworks in a variety of musical forms by world-famed composers will be presented by the Pacific Little Symphony in the nationwide broadcast through KOMO and KGO.

5 to 5:15 p.m.—Land O' Health

"On Guard!" That is the watchword for DA-RA-O's friends today, for a skirmish with the cruel Tooth Robbers and Tooth Robber Canyon will be the Land O' Health adventure in store for children who listen to the Land O' Health broadcast through KHQ, KOMO, KGW and KGO.

6 to 6:30 p.m.—Wrigley Review

Harold Sanford and the orchestra will use "The Old Gray Mare" for the theme number. Herbert Gould, noted basso, the Wright Sisters, a popular duo, and the Dalhart Trio are scheduled for selections about all sorts of animals.

Saint-Saens' "The Carnival of the Animals," an orchestral offering, will open the program. "Three Bears," by the orchestra; "Give a Man a Horse He Can Ride," by Gould, and "What Does the Pussy Cat Mean?" by the Wright Sisters, are among other numbers.

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

6:30 to 7 p.m.—Philco program

Jessica Dragonette and Colin O'More are to go adventuring along Broadway again tonight between 6:30 and 7 o'clock, to entertain the NBC System audiences tuned in for the half-hour transcontinental broadcast of the Philco program.

These two vocalists sing leading roles in radio musical comedies written especially for them, in incorporating songs from the popular successes of the past and the present.

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

7 to 7:30 p.m.—A nation-wide network of stations associated with the NBC System will bring listeners another half-hour program by the Hudson-Essex Challengers tonight through KHQ, KOMO, KGW, KGO, KPO and KFI.

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

Problems confronting the Senate of the United States will be discussed by its members in the nation-wide broadcast of "A Half Hour

With the Senate" through stations KHQ, KOMO, KGW, KGO and KPO.

8 to 9 p.m.—RCA hour

One of the East's noted educators, Dr. Peter W. Dykema, will be the speaker for the RCA "University of the Air" broadcast tonight.

Details follow:

World of Music and Letters:

Orchestra—Danse des Bacchantes—

"Philemon et Baucis".....Gounod

Contralto solo—Printemps qui commence—

"Samson et Delila".....Saint-Saens

Orchestra—Phaeton.....Saint-Saens

World of Knowledge:

Baritone solo—Allah.....Chadwick

Educational Lecture—

Speaker: Dr. Peter W. Dykema,

Prof. Mus. Edn., Teachers' College,

Columbia University, New York

Orchestra—Festival at Sorrento.....Holmes

Contralto solo—Caro Mio Ben.....Giordani

World of Music and History:

Orchestra—Siegfried's Ordeal of Fire.....Wagner

Baritone solo—Trees.....Kasbach

Orchestra—In My Native Land.....Grieg

Orchestra—March—"Tannhauser".....Wagner

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

9 to 9:30 p.m.—Borden Farm program

Thirty minutes' vacation from the rush of city life will reward listeners who tune in NBC System stations tonight.

At the Borden Dairy Farm auditors will find the usual group of men who participate in these programs. Of course, the center of interest will be the hard-to-please old bachelor, Silas Eagle. In his cabin he will be entertained by Charley and the boys, who harmonize in vocal quartets and play the banjo and the guitar. More of Silas' love for Esmeralda, the cook, will be heard.

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

9:30 to 10 p.m.—"Footlights" will be broadcast through KGW and KOMO.

10 to 12 midnight—Dance music by the Trocaderans will be broadcast from 10 to 11 through KSL and KOA, and from 11 to 12 through KGO and KPO.

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

8:15 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.—George Taylor and Clem Kennedy

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 3 p.m.—Good Friday services from Old St. Mary's

3 to 5 p.m.—Baseball from Recreation Park

5 to 5:30 p.m.—Who's Who Travelogues

5:30 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, ABC

7 to 7:30 p.m.—Nat Shilkret's orchestra, CBS

7:30 to 8 p.m.—Night Club Romance, CBS

8 to 9 p.m.—Neapolitan Nights, ABC

9 to 9:30 p.m.—Golden Gate Gypsies, ABC

9:30 to 10 p.m.—Woodwind ensemble, ABC

10 to 11 p.m.—Dancing Strings, ABC

11 to 12 midnight—Golden Gate Gypsies; Nita Mitchell, soloist

FRIDAY 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, William H. Hancock, Helen Lowe and John Risso
 9:30 to 10 a.m.—Dobbs's daily chat; John Risso, tenor
 10 to 10:20 a.m.—Betty Crocker's home talks
 10:30 to 11:30 a.m.—Women's Magazine of the Air, NBC
 11:30 to 11:45 a.m.—Antrol Lab. program, NBC
 11:45 to 12 noon—Ye Towne Cryer
 12 to 12:10 p.m.—Scripture reading; announcements
 12:10 to 12:45 p.m.—KPO Carolers
 12:45 to 1:30 p.m.—Commonwealth Club luncheon
 1:30 to 2 p.m.—Jerry Jermaine for Hale Bros.
 2 to 2:30 p.m.—House of Dreams; Hollister McGuire, baritone
 5 to 6 p.m.—Children's hour, Big Brother
 6 to 6:30 p.m.—Wrigley program, NBC
 6:30 to 7 p.m.—Philco program, NEC
 7 to 7:30 p.m.—Hudson program, NBC
 7:30 to 8 p.m.—A Half Hour 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.—Tamalpais Woods and Bolinas Beach program
 10 to 11 p.m.—Jesse Stafford's Palace Hotel dance orchestra
 11 to 12 midnight—Trocaderans, NBC

508.2 Meters Channel 59
590 Kcys. KHQ 1000 Watts
Louis Wasmer, Inc., Spokane, Washington
 6:45 to 7 a.m.—Inspirational services
 7 to 7:30 a.m.—Northw. Sunrise Pep Period
 7:30 to 8 a.m.—Myrrohl Musical Klock
 8 to 8:30 a.m.—Spokane Furniture
 8:30 to 9 a.m.—Kronenberg's program
 9 to 9:30 a.m.—The Chocolate Girl
 9:30 to 10 a.m.—Household Service
 10 to 10:30 a.m.—Sara Leigh's Women's Hour
 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.—Steinitz 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 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.—The New Voice of the Skies
 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 trans., NBC
 6:30 to 7 p.m.—Philco Hour program, NBC
 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 Sales Co., NBC
 9:30 to 9:45 p.m.—Singing banjoist
 9:45 to 10 p.m.—Alice in Laundreland
 10 to 10:30 p.m.—News and sports
 10:30 to 12 midnight—Dance orchestra
 12 to 12:30 a.m.—Trues Oil

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.—Recordings
 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 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 to 6:10 p.m.—Curtain Calls
 6:10 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.—Kanteen Kapers
 9:30 to 10 p.m.—Helen W. Parmelee, piano recital
 10 to 11 p.m.—Fleur-de-Lis Orchestra

325.9 Meters Channel 92
920 Kcys. KOMO 1000 Watts
Fisher's Blend Station, Seattle, Washington
 9:55 a.m.—Inspirational services
 10 a.m.—Y. M. C. A. health exercises
 10:15 a.m.—What to Prepare for Dinner
 10:30 a.m.—Women's Magazine of the Air, NBC
 11:10 a.m.—Concert trio; Rhena Marshall, soprano
 12 noon—Visits to Dairymen and Poultrymen; grain reports
 12:30 p.m.—Fred Lynch, tenor; Rhena Marshall, soprano
 12:45 p.m.—Constance Cook, recipes
 1 p.m.—Pacific Little Symphony, NBC
 2 p.m.—Gyrators with "Joy Boys"
 3:30 p.m.—Studio program
 4 p.m.—Quintet; Fred Lynch and Rhena Marshall
 5 p.m.—Land O' Health, NBC
 5:15 p.m.—Stock and bond quotations
 5:45 p.m.—News flashes
 6 p.m.—Wrigley Review, NBC
 6:30 p.m.—Philco hour, 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.—Dance orchestra with The Harmonists
 11:30 p.m.—Late news flashes
 11:45 to 12:30 a.m.—Program by mixed quartet

361.2 Meters Channel 83
830 Kcys. KOA 12,500 Watts
General Electric Co., Denver, Colorado
 5 to 6 p.m.—Cities Service Orchestra and Cavaliers, NBC
 6 to 6:30 p.m.—Wrigley Review, NBC
 6:30 to 7 p.m.—Philco hour, NBC
 7 to 7:30 p.m.—Hudson-Essex Challengers, NBC
 7:30 to 8 p.m.—The Solitaire Cowboys
 8 to 8:30 p.m.—The Skellodians, NBC
 8:30 to 8:35 p.m.—Answers on financial questions
 8:35 to 9 p.m.—Tom Mitchell's Half Hour of Happiness
 9 to 9:30 p.m.—Bordens Sales Co., NBC
 9:30 to 10 p.m.—Denver String Trio
 10 to 11 p.m.—The Trocaderans, NBC

FRIDAY Programs

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

Oakland Educational Society, Oakland, Cal.

8 to 9 a.m.—Max's Market and Health Hour
2:30 to 3:30 p.m.—Musical program; Elisa Mad-
sen, violinist; Edith Cruger, pianist; Frances
Anderson, dramatic reader; educational fea-
ture, June Gilman
4:30 to 5 p.m.—Don's Half Hour of Happiness
5 to 5:50 p.m.—Big Brother Walter
5:50 to 6 p.m.—Kingdom or World News
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—Bible dialogue, "Satan and
World Powers"

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 9:20 a.m.—Novelty program
9:20 to 9:50 a.m.—Organ recital
9:50 to 10 a.m.—Spanish program
10 to 10:10 a.m.—Hawaiian program
10:10 to 10:20 a.m.—Popular songs
10:20 to 10:30 a.m.—Salon music
10:30 to 10:50 a.m.—Popular dance music
10:50 to 11 a.m.—"Clarence"
11 to 11:10 a.m.—Beauty talk, Mae Day
11:10 to 11:50 a.m.—Banjo recordings; news
11:50 to 12 noon—Musical numbers
12 to 12:30 p.m.—"Gene and Bill"
12:30 to 1 p.m.—Louise Church and Maud Irvine
1 to 1:30 p.m.—Masonic luncheon
1:30 to 2 p.m.—Doris Dolan; Eva Balfour
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.—Dick Love's orchestra
5:30 to 6 p.m.—String trio
6 to 6:05 p.m.—Lost and found department
6:05 to 6:30 p.m.—Supper Club
6:30 to 7 p.m.—Motor Tires Quartette
7 to 7:30 p.m.—"Em and Clem"
7:30 to 8 p.m.—Chrysler Rhythm Makers
8 to 9 p.m.—Long Beach Bootery hour
9 to 9:30 p.m.—Hancock Orchestra
9:30 to 10:30 p.m.—Rebroadcast, KNX
10:30 to 11 p.m.—Rhythm Makers
11 to 12 midnight—Organ recital

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

First Baptist Church, San Jose, California

10 to 11 a.m.—The Helpful Hour
11 to 11:15 a.m.—Studio program
11:15 to 12 noon—Palo Alto program
12 to 12:30 p.m.—Leonard & Holt program
12:30 to 1 p.m.—Market and weather reports
1 to 1:30 p.m.—Hart's Store half hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 2:45 p.m.—Frazier Dev. Co. program
2:45 to 3:30 p.m.—Second Street musical hour
3:30 to 4 p.m.—Fanchon's Style Chat
4 to 5 p.m.—Sunshine Hour with "W. K."
5 to 5:15 p.m.—Belco program
5:15 to 5:30 p.m.—Fifteen minutes at Franco's
5:30 to 6 p.m.—Pal's Big Brother Hour
6 to 6:20 p.m.—U. S. D. A. Farm School
6:20 to 6:50 p.m.—Farm market reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—California Farm Bureau
8 to 9 p.m.—Del Monte Saxinadors
9:30 to 10 p.m.—Crop digest

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
11 to 12 noon—Morning concert
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
9 to 11 p.m.—Novelty program

333.1 Meters **KHJ** **Channel 9C**
900 Kcys. **1000 Watts**

Don Lee, Inc., Los Angeles, California

7:30 to 8 a.m.—Physical culture period
8 to 9 a.m.—Breakfast Club
9 to 9:15 a.m.—Late recordings
9:15 to 9:30 a.m.—Dr. Paul J. Dorosh, health
talk
9:30 to 10:15 a.m.—Studio program
10:15 to 11:15 a.m.—A. 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 Orchestra
1:30 to 2 p.m.—Charlie Wellman's requests
2 to 2:30 p.m.—Trojan period, U. of S. C.
2:30 to 3 p.m.—Florence Dobinson, The Theatre
3 to 4 p.m.—Elvia Allman's Surprise Package
4 to 4:30 p.m.—Dr. Herzog's school program
4:30 to 5 p.m.—Council of International Rela-
tions
5 to 5:45 p.m.—KHJ Quintet
5:45 to 6 p.m.—Automobile Club of So. Cal.
6 to 6:45 p.m.—Organ recital
6:45 to 7 p.m.—World-wide news
7 to 7:30 p.m.—Concert program
7:30 to 8 p.m.—Florists' Association program
8 to 9 p.m.—Majestic hour
9 to 9:30 p.m.—Continental Air Express pro-
gram
9:30 to 10 p.m.—Don Lee, Inc., program
10 to 12 midnight—Earl Burnett's dance orch.
12 to 1 a.m.—Organ and trio 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.—Talk and morning prayer
9 to 9:30 a.m.—Musical program
9:30 to 10 a.m.—Shopping news
10 a.m.—Town Crier's morning message
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.—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.—KNX String Quartet
7 to 7:30 p.m.—Alfonso Corelli's orchestra
7:30 to 8 p.m.—Great Pacific Investment pro-
gram
8 to 9 p.m.—Royal Order of Optimistic Do-Nuts
9 to 9:45 p.m.—Lion Tamers' program
9:45 p.m.—Main event from the Hollywood Le-
gion Stadium
10 p.m. to 12 midnight.—Hotel Ambassador orch.
12 midnight to 1 a.m.—Dorado Club dance hour

FRIDAY 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 a.m.—Betty Crocker, "Gold Medal Talks"
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Antrol program, NBC
12 noon—U. C. and U. S. agriculture talks
12:15 p.m.—Federal and state market reports
12:25 p.m.—Franklin L. Graves, talk
2 p.m.—Nunez Lei Trio, William Don, Harold Raphael
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.—Wrigley program, NBC
6:30 p.m.—Philco program, NBC
7 p.m.—Hudson Motors program, NBC
7:30 p.m.—Vento Shoe program
8 p.m.—RCA hour, NBC
9 p.m.—Borden Farm program, NBC
9:30 p.m.—Orchestra; Fryor Moore, director; Bernice Morrison, pianist
10 p.m.—Studio program

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
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
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 Spearmen, NBC
6:30 to 7 p.m.—Philco hour, NBC
7 to 7:30 p.m.—Hudson Motor 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 Sales program, NBC
9:30 to 10 p.m.—"Footlights," NBC
10 to 10:15 p.m.—Mathis-Otis Co., sports talk
10:15 to 10:30 p.m.—Traffic talk by Capt. Ervin
10:30 to 12 midnight—Frolic of Hoot Owls

315.6 Meters
950 Kcys.

KFWB

Channel 95
1000 Watts

Warner Brothers, Hollywood, California

9:30 a.m.—Harmony hour
11 a.m.—KFWB Shoppers' Directory
12:30 p.m.—Air Journal
1:30 p.m.—Housekeepers' Chat
2 p.m.—Art and his banjo
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.—Hollywood Athletic Club
7:30 p.m.—Jean Leonard, Wizard of the Ivories
7:45 p.m.—Daily news items
8 p.m.—Xavier Cugat's quintet; Carmen Casillo, soprano
9 p.m.—Serenaders and soloist
9:30 p.m.—Concert orchestra
10 p.m.—Amos 'n' Andy
11:10 to 12:10 a.m.—Roy Fox' orchestra

236.1 Meters
1270 Kcys.

KOL

Channel 127
1000 Watts

Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset's Musical Klock
8:45 to 9:30 a.m.—Program of general interest
9:30 to 9:45 a.m.—The Market Basket
9:45 to 10 a.m.—Housekeepers' Chat
10 to 10:10 a.m.—Soups and Chowders
10:10 to 11 a.m.—Household Topics
11 to 11:15 a.m.—Dorothy Neighbors, menu hints
11:15 to 11:30 a.m.—Musical Moments
11:30 to 12 noon—"Sweet Sixteen Time"
12 to 12:15 p.m.—Organ, Frederick C. Feringer
12:15 to 1:30 p.m.—Council luncheon program
2 to 3 p.m.—Matinee Melodies
3 to 4 p.m.—Organ, Frederick C. Feringer
4 to 4:30 p.m.—Twilight Time
4:30 to 5 p.m.—News items, weather
5 to 6 p.m.—Service hour
6 to 6:40 p.m.—Music, newscasting
6:40 to 7 p.m.—Madge Baldwin, This and That
7 to 7:30 p.m.—Ken Stuart's half hour
7:30 to 8:30 p.m.—Oldtimers' hour
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 10:30 p.m.—Studio program
10:30 to 11 p.m.—Request hour
11 to 1 a.m.—Tucker's Everstate band

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.—New Testament word studies
1:30 to 2 p.m.—Rev. Charles A. Nethery
2 to 2:30 p.m.—Rev. L. W. Guilford
7 to 8 p.m.—Sunday School lesson
8 to 9 p.m.—Evening School lecture
9 to 10 p.m.—Studio musical hour

232.6 Meters
1290 Kcys.

KDYL

Channel 129
1000 Watts

Intermountain Broad. Corp., Salt Lake City

6 p.m.—Program of orchestra music
7 p.m.—Columbia Broadcasting System
7:30 p.m.—"Nite Club Romances," CBS
8 p.m.—Instrumental trio
9 p.m.—Pacific Artists' Trio, ABC
9:30 p.m.—Woodwind ensemble, ABC
10 p.m.—"Dancing Strings," ABC
11 p.m.—Golden Gate Gypsies, ABC

526 Meters
570 Kcys.

KXA

Channel 57
500 Watts

American Radio Tel. Co., Seattle, Wash.

10 to 10:15 a.m.—Inspirational services
10:15 to 10:30 a.m.—Health exercises
10:30 to 11 a.m.—Moss-La Grande Harmony duo; Patsy Kelly; Jack Medford; Jerry McGrath
11 to 11:15 a.m.—Youth Always program
11:15 to 12 noon—Our Sunshine Hour
12 to 12:30 p.m.—Hawley Oil Burner program
12:30 to 1:30 p.m.—Recorded program
5 to 6 p.m.—Recorded program
6 to 7 p.m.—Slim Secord's Hot-En-Tots
7 to 7:30 p.m.—Studio program
7:30 to 8 p.m.—Harold Morrison, tenor
8 to 9 p.m.—Program featuring Harold Chase
9 to 10 p.m.—Victor Herbert quintet; Eva Gonnella, soloist
10 to 11 p.m.—Glen Carter's Merrymakers

The combination of the revolutionary EQUASONNE circuit with a console of typical Sparton design, to sell at a price within reach of practically every radio listener, was announced recently by the makers of Sparton radio.

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SATURDAY Programs March 30, 1929



Jesse Stafford's Palace Hotel Dance Orchestra
KPO—9 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
11:30 to 1 p.m.—Rembrandt Trio
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 12 midnight—The New Big Show, NBC

239.9 Meters
1250 Kcys.

KFOX

Channel 125
1000 Watts

Nichols & Warinner, Long Beach, Calif.

8 to 8:15 a.m.—“Tadpole,” the Buttercream Boy
8:15 to 9:20 a.m.—Novelty program
9:20 to 9:50 a.m.—Organ recital
9:50 to 10 a.m.—Spanish program
10:10 to 10:20 a.m.—Popular songs
10:30 to 10:50 a.m.—Popular dance music
10:50 to 11 a.m.—“Clarence”
11 to 11:10 a.m.—Beauty talk, Mae Day
11:10 to 11:50 a.m.—Banjo recordings; news
11:50 to 12 noon—Musical numbers
12 to 12:30 p.m.—“Gene and Bill”
12:30 to 1 p.m.—Louise Church; Foster Rucker
1 to 1:30 p.m.—String quartette
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.—Foster Rucker and Louise Church
5:30 to 6 p.m.—String trio
6 to 6:05 p.m.—Lost and found department
6:05 to 6:30 p.m.—Supper Club
6:30 to 7 p.m.—Motor Tires Quartet
7 to 7:30 p.m.—Harmony Boys; Hawaiian Trio
7:30 to 8 p.m.—Chrysler Rhythm Makers
8 to 8:30 p.m.—Jones Orchestra
8:30 to 9 p.m.—Long Beach Municipal Band
9 to 10 p.m.—Cecil Fry; Warner Duo; orchestra
10 to 11 p.m.—Rhythm Makers
11 to 12 midnight—Organ recital

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, assisted by Will Hancock, Cy Trobber's orchestra and Ed Randall, baritone
9:30 to 10 a.m.—Dobbs's daily chat; Art Padden, pianist
10 to 10:10 a.m.—Annabelle Lee
11:30 to 12 noon—Ye Town Cryer
12 to 12:10 p.m.—Scripture reading; announcements
12:10 to 1 p.m.—Aeolian Trio
1 to 1:30 p.m.—Jerry Jermaine for Hale Bros.
1:30 to 2 p.m.—Ann Warner's home chats
2 to 2:15 p.m.—Secrets for women only
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.—Plantation Echoes, NBC
9 to 10 p.m.—Jesse Stafford's Palace Hotel dance orchestra
10 to 12 midnight—The Big Show, NBC

239 Meters
1250 Kcys.

KXL

Channel 125
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 1 p.m.—Orchestra program
1 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 program
6 to 6:30 p.m.—Berg's Orchestra
6:30 to 7:30 p.m.—Grandpa Bulger's children's hour
7:30 to 8 p.m.—Vesper music
8 to 9:30 p.m.—Studio features; concert trio
9:30 to 10:30 p.m.—Evening musicale
10:30 to 12 noon—Multnomah Hotel Orchestra
12 to 9 a.m.—All night program

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 Fitts"
8 to 9 a.m.—Embassy Theater 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
2 to 3 p.m.—KHJ recital program
3 to 4 p.m.—Melody Masters
4 to 5 p.m.—Sir Francis Drake Orchestra
5 to 6 p.m.—Mac and his gang
6 to 6:45 p.m.—Organ recital from KHJ
6:45 to 7 p.m.—Duo Art recordings
7 to 7:30 p.m.—Program featuring the Pearce Brothers
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 'r' Andy
10:10 to 1:10 p.m.—Anson Weeks' Hotel Mark Hopkins Orchestra
11:10 to 12:10 a.m.—Earl Burtnett's Biltmore Hotel Orchestra

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.—KHJ "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 Orchestra
1:30 to 2 p.m.—Charlie Wellman's requests
2 to 3 p.m.—KHJ soloists
3 to 4 p.m.—Matinee Melody Masters
4 to 4:30 p.m.—Half hour with Midnight Mission
4:30 to 5 p.m.—Playground Department
5 to 5:30 p.m.—"Monkey Business"
5:30 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.—Concert program
7:30 to 8:30 p.m.—Don Lee, Inc., program
8:30 to 9 p.m.—Pelton Motor Co. program
9 to 10 p.m.—Don Wilson's varieties
10 to 12 midnight—Earl Burtnett's dance orch.
12 to 1 a.m.—Organ and variety program

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

The Morning Oregonian, Portland, Oregon

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
12 to 1 p.m.—Luncheon concert
1 to 1:20 p.m.—Stock market quotations
1:20 to 1:35 p.m.—Old Hickory Smoked Salt talk
1:35 to 2:20 p.m.—Farmer's hour
5 to 5:30 p.m.—Lew White, organ recital
5:30 to 6 p.m.—Mildred Hunt and marimba orch, 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 10:15 p.m.—Oregonian news summary
10:15 to 12 midnight—The Big Show, NBC

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
9:30 a.m.—Sylvia's Happy Hour
12 noon—U. C. and U. S. 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 p.m.—Collegiate chorus, Mrs. Bowser, dir.
4 p.m.—Glen Edmund and his Collegians, Opal Snow, soloist
5 p.m.—Lew White, organ recital, NBC
5:30 p.m.—Mildred Hunt with Marimba Band, NBC
6 p.m.—General Electric program, NBC
7 p.m.—Lucky Strike hour, NBC
8 p.m.—Variety hour
9 p.m.—Packard Concert Orch.; Pryor Moore, dir.; Everton Stidham, baritone
10 p.m.—KFI Symphonette
11 p.m.—Midnight Frolic

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

Fisher's Blend Station, Seattle, Washington

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.—Organ recital
11 a.m.—Concert trio with Joy Boys
12 noon—Gyrators with The Harmonists
1:15 p.m.—Gyrators; Fred Lynch, tenor
2:30 p.m.—Orchestra; Fred Lynch; Joy Boys
4 p.m.—Kiddies' program
4:30 p.m.—News flashes
4:45 p.m.—Stock and bond quotations
5 p.m.—Lew White in organ recital, NBC
5:30 p.m.—Marimba orchestra with Mildred Hunt
6 p.m.—National Orchestra, Walter Damrosch, director, NBC
7 p.m.—Lucky Strike dance orchestra, NBC
8 p.m.—Spanish hour with Luz Barroso
9 p.m.—Puget Sound Navigation program
9:30 p.m.—Orchestra; James Harvey, tenor
10 p.m.—Big Show, NBC
12 midnight—News flashes
12:15 to 12:30 a.m.—James Harvey; Zita Dillon

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.—Talk and morning prayer
9 to 9:30 a.m.—Musical program
9:30 to 10 a.m.—Shopping news
10 a.m.—Town Crier's morning message
10:30 to 11 a.m.—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.—Organ program
6 to 6:30 p.m.—Playgoers' Club
6:30 to 7 p.m.—KNX String Quartet
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 p.m. to 12 midnight.—Hotel Ambassador orch.
12 midnight to 1 a.m.—Dorado Club dance hour
1 to 3 a.m.—The Midnight Express

SATURDAY 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.—Recordings
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 Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 3 p.m.—Recordings
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 to 6:10 p.m.—Curtain Calls
6:10 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.—Chas. T. Besserer, organ recital
8:30 to 9 p.m.—Helen Wegman Parmelee, pianist; Frank Van Cleave, tenor
9 to 9:30 p.m.—Kanteen Kapers
9:30 to 10 p.m.—Dance records

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

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

Oakland Educational Society, Oakland, Cal.

8 to 9 a.m.—Max's 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, C. R. Welch, "Steps to Inauguration of Kingdom"
3 to 3:30 p.m.—Opera, Wright and Ralston
3:30 to 4 p.m.—Treasure Hour, Wright and Ralston
4 to 5 p.m.—Don's Hour of Happiness
5 to 6 p.m.—Kingdom talk, classical music
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—Bible dialogue, "The Slanderer"
9 to 10 p.m.—Boys of the Caravansery
10 to 12 midnight—Kermess of Nations, featuring Japan
12 to 1:30 a.m.—Special Japanese program under the direction of F. Y. Tonomura

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

Radio Service Corp., Salt Lake City, Utah

5 p.m.—Lew White, organist, and Marimba Band, NBC
6 p.m.—Damosch Symphony Orchestra, NBC
7 p.m.—"Lucky Strike" dance orchestra, NBC
8 p.m.—Brimley Brothers Male Quartet
8:30 p.m.—Concert troupe
9:30 p.m.—KSL amateur night
10 p.m.—Dance music
11 p.m.—KSL Coyote Club

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

8 to 9 a.m.—Ray Raymond's Tabloids
9 to 9:30 a.m.—Morning prayer
9:30 to 12 noon—Features and recordings
12 to 1 p.m.—George Otto's Hawaiians
1 to 1:30 p.m.—Organ recital
1:30 to 2:30 p.m.—Recordings
2:30 to 3 p.m.—Carlson, Dorman and Moran
3 to 4 p.m.—Versatilians; Mart Grauenhorst
4 to 5 p.m.—Orchestra; Henry Karpenstein, baritone
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 Restaurant Orchestra
8 to 9 p.m.—Dog Watch
9 to 10 p.m.—Orchestra; Mildred Epstein, soprano
10 to 10:30 p.m.—Joan Ray, contralto
10:30 to 11 p.m.—Studio program
11 to 1 a.m.—Night Owls

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

Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset's Musical Klock
8:45 to 9:30 a.m.—Program of general interest
10 to 11 a.m.—A children's program
11:15 to 12 noon—Musical Moments
12 to 1 p.m.—Organ recital, F. C. Feringer
1 to 1:30 p.m.—Half hour from the Song Shop
2 to 3 p.m.—Matinee Melodies
3 to 4 p.m.—Organ, Frederick C. Feringer
4 to 4:30 p.m.—Twilight Time
4:30 to 5 p.m.—News items, weather report
5 to 6 p.m.—Service hour
6 to 6:40 p.m.—Music, newscasting
6:40 to 7 p.m.—Madge Baldwin, This and That
7 to 7:15 p.m.—Mr. Riff and Mr. Raff
7:15 to 7:30 p.m.—Farm science snapshots
7:30 to 8 p.m.—Camp Fire Girls' program
8 to 8:30 p.m.—Boy Scouts' program
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.—Tucker's Everstate band
10:15 to 11:45 p.m.—Coo Coo Noodle Club
11:45 to 12:15 a.m.—Tucker's Everstate band

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

Warner Brothers, Hollywood, California

9:30 a.m.—Harmony hour
11 a.m.—KFWB Shoppers' Directory
12:30 p.m.—Air Journal
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.—Concert quintet; Edward Jardon, baritone
8 p.m.—Mona Motor Oilers; Esther White and Lucky Wilber in harmony numbers
9 p.m.—Courtsey program
9:30 p.m.—Henry Halstead's orchestra
10 to 10:10 p.m.—Amos 'n' Andy
10:40 to 11:40 p.m.—Roy Fox' orchestra

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 p.m.—Romelda Schlotzhauer, pianist
8 to 9 p.m.—C. I. Schmidt's Players
9 to 10 p.m.—Organ recital



Colin O'More
Tenor

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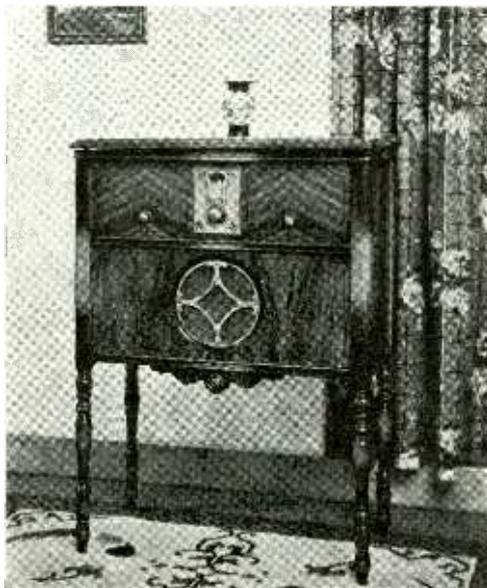


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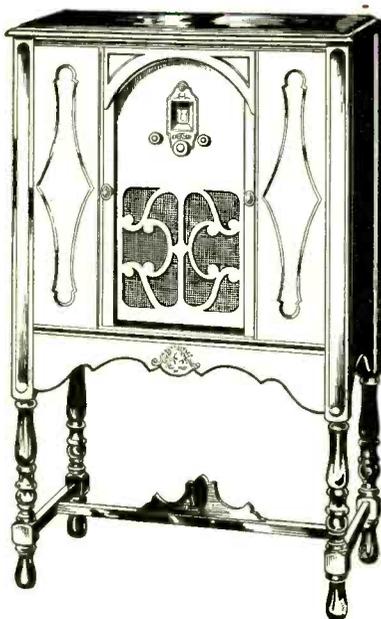
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