

Broadcast Weekly

For
Week of
February
2 to 8



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THROUGH THE
COURTESY OF
"PHILCO"

Maurice Chevalier
KFRC.. 7.30 TO 8.30 P.M.
Sunday + Feb. 2nd

"THE LEADING RADIO GUIDE OF THE PACIFIC COAST"



WHICH
Satisfies you in a radio---
SOUND? TONE?

If sound is all you value, then radios may be had for as little as \$50. But if you demand tone—if you want to enjoy the host of world famous musicians NOW ON THE AIR—get a Screen-Grid, TONE TESTED

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As Low As

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RADIO EQUIPMENT


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LOS ANGELES

BROADCAST WEEKLY

(FORMERLY RADIOCAST WEEKLY - ESTABLISHED 1922 AS BROADCAST PROGRAM)

A. J. URBAIN, *Publisher*

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ENTERED AS 2ND CLASS
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San Francisco

FEBRUARY 1, 1930

Los Angeles

No. 19

THE EDITOR'S PAGE

WIDE criticism has been directed at this country for the poor type of programs broadcast to Holland, Germany and England in the recent international program exchange. Inadequate selection of musical themes by this country and a lack of international courtesy are the major charges.

The foreign countries played their best music to America. America in turn, gave back jazz, blues and a potpourri not at all representative of the best in American music. We wonder how Holland liked "Am I Blue?" as a greeting song after giving us, out of rare compliment, "Home, Sweet Home." And how Germany liked the program we gave her, after playing "Way Down on the Suwanee River" to us.

Also, there was nothing in any of our programs which to any great extent typified the spirit of Christmas. Our stuff came apparently from Broadway night clubs and such places and was a mighty poor advertisement of American judgment in musical affairs. The criticism is timely and merited, the selections showed nothing but carelessness and poor judgment.

* * *

NOW that radio sets have begun to be an essential part of automobile equipment, set designers are working toward dashboard compactness. One new set, just developed, is a foot in length, eight inches high, and five inches wide. The set secures its power from the ignition system of the car. The set is clamped on the dash, without the need for making any holes in the dashboard. Four screen grid tubes are used

among the other equipment. That is getting a set down to the right size. There is no need for a modern set to be as big as a piano. The motor set will force a redesign of other types unquestionably.

* * *

THE Court of Appeals of the District of Columbia, has reversed a decision of the Federal Radio Commission with regard to stations WENR and WLS, both of Chicago, in handing down a decision that no radio station has any priority of right to a frequency, as against the regulatory power of the United States government. In other words, Uncle Sam is held to be supreme in all matters of station location. This settles a mooted question as to whether or not a station "owned" a certain wave channel because it used it first. The decision indicates that, no matter what the station's claim, the government may change it, if it sees fit.

* * *

THE air needs good radio dramas. There is hardly a listener who does not enjoy a first class radio play, properly presented. It is hard to secure plays suited to this field and already writers are struggling toward this end, and in many instances quite creditably. Many years ago KGO presented a Northwestern Mounted drama which was the best, in our opinion, that ever came over the air. Drama with action, with punch, with color, with vivid appeal—this will pass many an evening, and will be a most welcome substitute for a lot of these filler programs.

The RADIO TATTLE

By EARLE ENNIS

SKEETS and I took the hum out of a radio set the other night. The set belonged to Skeets and the hum came with it. But as Skeets explained, when he asked me over, he didn't like to buy one thing and get another.

"If I had paid for a hum in the first place, it would be another matter," he said. "But all I bought was the set and the tubes. Some fresh salesman has gone and stuck a hum in it, just to get it out of the store. He probably told the boss he sold it, to run up his standing. Well, I didn't buy it, and I don't want it, and I want you to help me take it out."

* * *

It must be confessed that there was quite a hum in the set. Yet it seemed that there was an extravagance about taking out a good hum and disposing of it. It ought to be good for something. I have felt the same way about potato peelings, and peach pits. It's a shame to waste them, and yet—nobody can drink the stuff after you make it. However, to come back to the hum—there it was. Skeets demonstrated it.

* * *

In low, the hum sounded like an airplane motor overhead. In intermediate, it was like a dentist's drill on a sore tooth. In high—ah—it was a rival to a sawmill—a steady, unginging drone. It socked one, so to speak, in the pit of the stomach like the low notes on a pipe organ, or a preacher's warning on a guilty conscience. An ormolu shepherdess buzzed her way to the edge of an adjacent table, bowed, and toppled into Mrs. Skeet's hands—which caught her in the nick of time.

"It drives me crazy," said Mrs. Skeets.

* * *

"It's a sixty-cycle hum," I said, professionally.

One has to be professional about such matters. Otherwise one will not be invited out to fix radio sets and sample home brew.*

"Sixty cycle?" said Skeets. "I don't understand that. I paid good money for—"

"Your house lighting system," I explained. "It picks up from them."

"Well," said Skeets. "This is an old house. The wiring is not what it ought to be, I'll admit."

"Let's see the inside," I suggested.

Skeets grinned.

"Yes—let's," he said, and threw back the lid.

You've seen a hardware store at eventide? Or nine tin boxes of crackers in a grocery store in the late fall? That was what the gizzard of that set looked like. Just cans—half a dozen of them. Here and there a light stuck through a hole. I tapped one at random. "Your trouble is right here," I said.

* * *

In ten cases out of eleven, my verdict would have stood supreme. But I reckoned without Skeets. He had looked inside before, it seemed. He knew about a hole in one of the cans which I had not seen. It was a hole in the can I tapped as the source of trouble. When I pointed to this can Skeets nodded slowly.

"I know just what to do," he said with great assurance.

* * *

The set was going all this time—displaying its hum with careless disregard of consequences. Skeets got a screw driver and thrust it into the hole in the can.

"I saw a screw in there the other day," he said. "It looked loose. I'll bet that's the trouble."

There was a flash and a puff of smoke. The lights in the set all went out. Skeets jumped back. Mrs. Skeets clapped her hands.

"Listen!" she said. "The hum has stopped."

* * *

I looked at Skeets. He looked at me. His face was pale.

"Do you suppose?" he asked.

"Yes," I said. "There is no doubt of it."

Skeets buried his face in his hands.

"Eight tubes," he moaned.

"At one crack," I added.

Mrs. Skeets was smiling.

"That's fine," she said. "Isn't it wonderful to know what to do?" She beamed at me.

Skeets stood up.

"Come out in the kitchen," he said.

I went. We certainly needed it.

"And it won't come back—the hum?" asked Mrs. Skeets.

My eyes met those of Skeets over the rim of a glass.

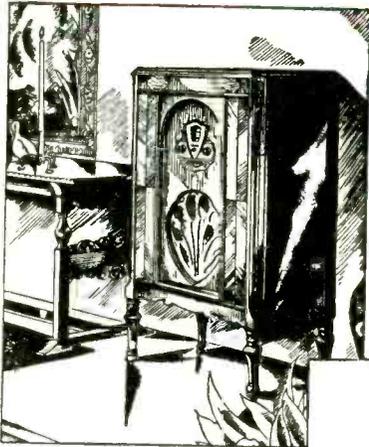
"Never—not that one," I said.

"Never," echoed Skeets hollowly.

*An old American custom.

ANY radio set

costs
too much
to buy
carelessly



Model 21950—Attractive lowboy design. Price, without tubes . . . \$223.50

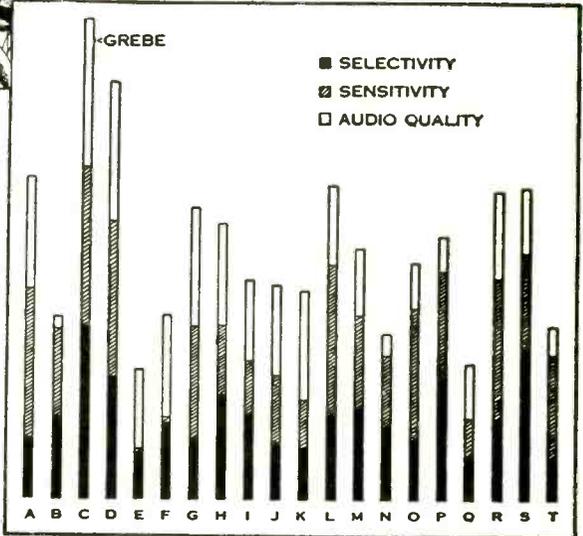
Other models \$274 to \$465

Models available for both AC and DC current.

ANY radio set costs too much to buy carelessly. You cannot afford to buy *at any price* a set you may grow tired of in a few months. You soon tire of inferior music or entertainment in any form. You will quickly tire of the mere novelty of any new radio receiver. After that only the finest of performance can insure your permanent enjoyment.

Recent scientific tests have shown startling differences in the performance of many well known radio receivers. Examine the accompanying chart. Notice the wide difference in performance. Even price is no guarantee of quality.

You can be sure of the New Grebe. Before you buy, have one installed in your home on trial—without obligation. You will know then why you need never tire of a truly fine radio.



EXPLANATION OF CHART

20 of the most popular receiving sets are compared. All are current models of the popular tuned radio frequency type ranging in price from over \$300 to approximately \$100 in the order shown. All but three employ the new screen-grid tubes. The relative height of the bars indicates the relative merits of each set.

*Briefly, 100% selectivity is given a set able to show absolute 10 K. C. channel separation from end to end of the dial even though the interfering signal is twice as powerful as the wanted signal. Sensitivity is considered 100% in a receiver requiring one microvolt per meter average input (measured at 600, 1,000 and 1,400 K. C.). 100% audio quality rating is given that set amplifying equally all frequencies over the useful frequency range (measured at 60, 500, and 5,000 cycles).

(*Full details, together with quick conversion chart, will be forwarded to any individual interested technically.)

Grebe radio

MADE IN U.S.A. PATENTED

ROBERT WEINSTOCK INC.

WHOLESALE DISTRIBUTORS

643 Mission Street
San Francisco

Phone
DOuglas 2920

JOHN and NED, NBC

By MONROE R. UPTON

“IT’S a sad tale. A Panama mama started it all. A moral landslide if there ever was one. They was a couple of upright, God-fearing young lads when one night they goes to a Orpheum show in Omaha where those two fellows, Van and Schenck, was singing, a low-down song called ‘Panama Mama.’ Well, on the way home, they got smart and started singin’ it, too. It was the beginnin’ of the end. Look at ‘em now! Show fellers themselves!”

Which is one way of looking at the beginning of the rise to fame of those two genial lads, John and Ned, who sing and play more like they were entertaining a couple of very pretty girls from the city in the kitchen of the old farm house, than like they were alone in a broadcasting studio with an impassive mike before them, they’re that clever and jolly and anxious to please.

Not that they ever were farmer boys, just because they hail from Kansas, Nebraska, Iowa and states like those. They both went to Omaha High, and although they sang in the same glee club at different times John was a senior when Ned was a frosh and it didn’t occur to John to notice his future partner.

After high school John, whose last name is Wolfe, became traffic manager for a grain company in Omaha. Meanwhile Ned Tollinger had metamorphosed into a commercial artist and was working for a theater in Council Bluffs. Each was courting a young lady, and the two young ladies happened to be chums, so they brought the young men together. Thus women did for them what school couldn’t, which is quite often the case. Then came the “Panama Mama” episode. On the way home, discovering they could sing together without offending the girls, they arranged a trip to KOIL, Council Bluffs, for an audition. The station manager liked them, encouraged them, and eventually made them staff artists. After three months on the staff they were promoted to the road and sang on radio stations in every state in the Union except Florida and Georgia as the Mono-Motor Oil Twins. They traveled for four years before returning home, during

which time they made two trips to California, making their home with KFRC both times. They liked California so well (where have we heard those words before?) that they resolved to return when the opportunity knocked. It banged on the door, and here they are, humanizing the ether lanes with their harmonizing on Tuesday and Friday nights from 8:45 to 9 and on Sunday afternoons over the NBC from the San Francisco studios.



JOHN AND NED

Radio is getting to be like the baseball leagues. John and Ned have been sold to the Union Oil Co. and the Duo Disc Washing Machine Co. As mythological service station boys for the creation of good will toward Union gas, they have brought in a third character, a little girl called Mary, with a large capacity for disseminating gossip. Radio demands creative

as well as interpretative ability of its artists. This means more work, and some worry, perhaps, but also more satisfaction in accomplishment. Although they are only on the air three times weekly John and Ned get together each afternoon to rehearse songs and compose patter. Mary is one of Ned’s brain children. He conceived the idea of doubling for a six-year-old girl, and learned to do it convincingly enough to mystify at least a part of the radio audience. Many aren’t quite sure whether Mary is really Mary or just one of the boys.

Ned is a tall, dark-complexioned, serious chap, with a love for the honest and courageous in both life and art. Next to singing he likes to draw. Following high school he thought of going on the stage, but decided on art instead and went to an art school in Minneapolis for two years. It happens that Ned married his half of the chum duo that brought them together, while John is still a bachelor. The marriage took place a year and a half ago. His wife is interested in dramatics also, and at one time had a children’s period on the ABC chain which was both interesting and charming. Ned explains that the ladies are very fond of John, and perhaps that is the reason he never married. He describes John as being serious, senti-

mental and fond of fishing. The boys do present a more serious aspect in person than they do on the air.

Even though they both love California the home town feeling lays its nostalgic hand on them occasionally, and at Christmas time they Western Air Expressed themselves to Los Angeles and back between shows, just to meet some of their old Iowan friends.

Was it Panza, in Don Quixote, who said that when two men ride a mule one must ride behind? In the case of John and Ned, however, when they hop aboard a kilocycle they both keep well out in front. Theirs is a two-man show. They both contribute the good feeling, the friendliness, that provides such an attractive background for their vocalizing.

TOPICS OF THE TRADE

W. G. Landes just returned from the East. Bill reports the business outlook for 1930 very satisfactory.

* * *

A. D. Ballie of the Hawaii Music Company of Honolulu was a recent visitor in San Francisco.

* * *

Edd N. Watkins, of the Electric Supply Company, just returned from a successful business trip in the East.

* * *

The San Francisco Radio Retailers had a very interesting meeting on the evening of January 16 at Marquard's. There were over 70 in attendance. A. H. Halloran, editor of "Radio," gave a very interesting talk on the outlook of business for 1930.

* * *

Radio retail sales for 1929 were 16 per cent greater than for 1928.

* * *

The Board of Directors of the Pacific Radio Trade Association have approved the dates and place for the Trade Show which will be in the new William Taylor Hotel, June 25, 26 and 27. There will be no public Radio Show this year.

* * *

Radio sales for 1929 were \$8,500,000.00. An optimistic view is expressed in all cases.

* * *

The Radio Distributors of the San Francisco district held their monthly meeting on Friday, January 17, at which time the question of Truth in Advertising was the subject discussed.



THE MAGIC CARPET TRANSPLANTS ITS OWNER FROM PLACE TO PLACE QUICKLY

TOUR
THE
AIR



With

ARCTURUS

Vacuum

... how stations come in with full undistorted volume ... with ARCTURUS A-C Tubes.

KFI ... KGO ... KOA ... operas ... orchestras ... baseball games ... the air is a world of beauty. Tour it with ARCTURUS Tubes ... quickly, clearly ... and keep that studio realism.

Speedy as the magic carpet, ARCTURUS A-C Tubes

Get programs in 7 seconds

plus these features:

Perfect tone because ARCTURUS

Tubes are consistently uniform

Clearer reception — hum is decreased

Efficiency unmarred by current changes

Long life — A world's record for long life has been established by ARCTURUS Tubes.

Re-tube with a set of these better ARCTURUS Tubes ... and the radio world is yours. At your dealer

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Los Angeles San Francisco Spokane, Wash.

ARCTURUS

SCREEN-GRID

No. 124

Envy the receiver equipped with ARCTURUS Screen Grid Tubes ... built with a full year's experience. Its owner secures all these advantages ... given only by ARCTURUS A-C Tubes

ARCTURUS RADIO TUBE CO. NEWARK, N.J.
ARCTURUS
BLUE LONG A-C LIFE TUBES

PERSONAL PICKUPS

By GYPSY

Mr. and Mrs. R., Santa Rosa, Cal.—Robert Olsen is of the slender, wiry, enduring type; eager, enthusiastic, honest, decent. His eyes are dark blue and his hair is quite blond, always closely cut, giving an impression of having been relentlessly brushed. He is 5 feet 9 inches tall, weighs 147 pounds and is 33 years old. Yes, he is married and there are two children.

* * *

Mrs. Dorothy L. J., Richmond, Cal.—Grace Sanderson Michie is ever so gracious and would, I am sure, be glad to autograph a picture for you. Why not write her at the National Broadcasting Company in San Francisco? Yes, it is true that she is also a violinist. She spent several years on the concert stage before assuming her present motion picture and radio obligations.

* * *

J. L., Sacramento, Cal.—Yvonne Peterson was born in Allegan, Michigan, of French and Irish parents, came west when very young, attended the University of Washington, made her radio debut in San Diego, received a flattering offer from a station in Virginia, took a fling at that and a musical tour, felt San Francisco calling and well . . . here we are. She has been with station KYA for two years. Aside from her singing and reading of lines, she acts in the capacity of assistant program director.

* * *

A. D. A., San Francisco, Cal.—Your interest in the "Mystery Tenor" and desire to meet him, might be gratified if you will write him at station KFWI and ask for an appointment. No, he is not married.

* * *

M. J. M., San Francisco, Cal.—The term "Captain-at-the-helm" used in a recent issue did not necessarily mean Manager. At KFRC, Harrison Holliway is Manager. Mr. Holliway is the oldest broadcasting station manager in point of service on one station in this vicinity if not on the entire Pacific Coast.

* * *

Mayme, Hanford, Cal.—Norman Neilson tells me that his revue experience took him into the managing and producing department of the Wilbur Cushman Company and that



Vivian Dunn, whom he married about a year ago, has always followed a literary, not theatrical career, so it would seem that the two people you saw in the "Pepper Box Revue" are quite another couple.

* * *

Julia L., Oakland, Cal.—No. William Cowles is not married. He is 26 years old, hails from Kansas, has been on the coast seven years, was a student at U. S. C., and before entering the radio field, was engaged in library work. He is an athlete

looking lad with a fine Hollywoodian tan, weighs 165 pounds, is 5 feet 8 inches tall and has blue eyes and light brown hair.

* * *

H. K., Santa Barbara, Cal.—Gene Perry (KFSD) is 5 feet 8 inches tall, weighs 140 pounds, has blue eyes, blond hair, interesting features and "heaven forbid, no moustache." He is 26 years old, married, and has a boy 5 years old by a former marriage. His hobbies are golf, hunting, books (detective fiction and O. O. McIntyre, preferred) and his pet aversion is making personal appearances. He writes very cleverly and is always storing away ideas and characterizations for the day when he will have time to do a "best seller."

* * *

Nate & Slim, King City, Cal.—Pearl King Tanner sure is the girl you knew in King City who threw a "wicked" rope with her dad's cowboys and your chips are all safe and sound because she does remember you and was pleased as all out doors to hear you had asked about her, so you'd better get that letter off to her "pronto." Send it in care of the National Broadcasting Company.

* * *

Bee, Fresno, Calif.—No, Curtis Peck (KPO) is not married. However, this condition is subject to change 'long about July.

* * *

John K., Covina, Calif.—Carl Haverlin has been with KFI since 1923. Prior to that time he was engaged in theatrical and literary work and since it is difficult to relinquish old habits, he still turns out occasional short stories or a play, often producing the latter himself. At present he is collaborating with Robert Hurd on an opera.

NEW PLANE RADIO USED BY "LINDY"

THE part that radio played when Colonel Lindbergh made his famous flight to Yucatan has just been revealed by the Pan-American Airways, Inc., which recently established a special radio communications service to work with company planes in all parts of the world. It is the first two-way commercial plane equipment to be tried out and "Lindy" was given a chance to test out its efficiency during the flight.

All the multi-motored mail and passenger ships of the Pan-American Airways are equipped with this two-way set, weighing only 42 pounds and manned by a specially trained radio operator, so that the ship as well as its passengers may remain in constant touch with the ground. Not only does the pilot thus receive weather reports which enable him to chart a course free of storms, but the passengers themselves may remain in touch with their friends or businesses in distant cities by sending or receiving messages while the ship is in flight.

On his recent flight over the jungles, Colonel Lindbergh, under conditions of flying which on any other except a Pan-American ship would have kept him out of touch with the world, reported his discoveries and travels to the world at the rate of about 100 messages a day. The radio system never faltered once and one or more of the ground stations were in constant touch with him as they are with every Pan-American air liner flying the daily mail or passenger schedule.

There are twenty-eight of these ground stations at present, all specially equipped for communicating with airplanes in flight and with each other. Ultimately the number will be over seventy. Over this network weather reports are flashed immediately and every plane always has information upon meteorological conditions along its scheduled route. This comprehensive system constitutes a block signal system of safety corresponding to the block system on the railroads. It is one of the keystones in the Pan-American system of safe flying for mail and passengers.

Upon the conclusion of his exploration flight over Yucatan, Colonel Lindbergh filed the following message to the Communications Chief at the Pan-American Airport at Miami:

"Radio communication has been 100 per cent efficient on entire flight. Lindbergh."

The transmitter employs a master oscillator neutralized power amplifier circuit using 2 UX 210 tubes and is capable of furnishing from 10 to 15 watts of unmodulated radio

frequency energy to the antenna. Plug-in coils are used in order that operation may be obtained on the following wavelength—32.4 meters, 52.8 meters, 600 and 900 meters. By increasing the dynamotor input voltage to 14 volts it is possible to obtain 25 watts in a suitable antenna system.

The receiver employs a UX 222 aperiodic coupling tube, one tuned circuit, a UX 112A regenerative detector, a high air space change UX 222 audio amplifier and a UX 112A output tube. The design and construction of the receiver have been carried out with the idea of obtaining extreme reliability, flexibility of wavelength and lightness of weight. Plug-in coils are provided to cover 17, 32, 54 and 590 to 900 meters. The complete receiver weighs 10½ pounds.

RADIO DEVELOPS FOREIGN INTEREST

TO MEET the demand of the general public for information on foreign politics and affairs, various broadcast stations throughout the country are signing up important speakers and authorities on the subject. The popular demand marks the growth of a national interest in foreign affairs.

America had little interest in Europe, from a political and governmental standpoint prior to the World War. Overnight Europe became an important factor in American affairs, with the declaration of war. Newspapers expanded to take in foreign news, and wire services dropped local news to add foreign details of general interest.

That interest did not end with the signing of the Armistice. Americans have still continued their desire to know what was happening in Europe. Foreign news sections have remained an integral part of newspapers. And now radio, the great purveyor of general information, has added foreign news lectures to its entertainment and informative personnel.

We, who listen to the radio, have witnessed the phenomena of the Atlantic Ocean being brushed out of the way by radio so that we may stand on the shore and see, graphically and without partisanship, those things which transpire in the Old World. In effect, and in that field, radio has become a form of political television of paramount significance in world changes.

P



They Take The Burnps!

Every tube has its delicate elements—the grid, plate and filament. But only in the Perryman Tube are these elements held so rigidly that necessary handling is no risk.

The Patented Bridge and Spring, exclusive with Perryman, hold the elements, both top and bottom, in permanent parallel alignment. This feature insures the Perryman Tube against the fragility of a less scientifically constructed tube.

In use or in the store, the Perryman Tube is sturdy—it not only gives better reproduction—it "stands the gaff."

District Representative

James P. Hermans

585 Mission Street
San Francisco, Cal.

Distributed by

Wholesale Radio Supply Co.

269 Seventh Street
San Francisco, Cal.



PERRYMAN RADIO TUBES

A Complete Line of Standard Equipment for every Radio Purpose



FILM NEWS- PAPER NEXT ON RADIO

NOW comes the radio newsie! In it many engineers see the death knell of the newspaper.

The radio newsie is a celluloid of film pick-up of a major musical event, which is transmitted to some distant point, there to be broadcast for local use, by communities which cannot have the original program available. It is designed to fill in the radio field, the same need as the news reels do in the film world.

For instance—it is extremely difficult to rebroadcast or retransmit European programs while they are occurring, owing to the difference in time. For instance, there is eight hours difference in time between San Francisco and London. An eight p. m. program in London would come booming in on the Pacific Coast at noon, when there are few listeners.

But the celluloid sound film has solved the difficulty and paved the way for a new public offering. The European concert may be "copied" on the film. Then, at a later hour, it can be rebroadcast on short-wave, picked up here, and retransmitted from coast to coast within our own listening time. News events, great musical festivals, occurrences of all kinds can thus be canned, to combat Father time in his mad whirl. Out of the idea comes the radio newsie.

The idea will be tried out for the listening public for a test and it will prove successful. With the development of television will come the projection of world happenings on the visual screen within a few minutes of the time they happen. In our own time, we shall shortly see the coronation of kings, the manoeuvres of foreign fleets, and all the other details of the present news service.

When the home television receiver reaches complete development it will bring us not only entertainment but news, and that day is not far distant. How far the matter has been given serious consideration is shown in the recent report of the Federal Radio Commission to Congress. In this report the commission outlines the forthcoming celluloid reproduction of European events and the need for adequate wave channels to meet the new radio demand.

EXPERTS MAKE WAVES DOUBLE "INBRASS"

THE principle of the double-barreled shot-gun has been applied to aviation radio, to enable pilots of passenger and commercial planes to have double communications with ground stations while in flight. Working with this is a new system of duplex transmission by means of which radio beacon signals and telephone messages may be transmitted simultaneously to planes in flight.

At the present time the beacon service given on the various airways has to be inter-routed when the ground operator desires to talk to a plane because the beacon and the telephone use the same wave. One wave is used because the pilot does not have to tune his set from one to the other, the present arrangement being somewhat automatic. However, it has been found that conditions exist where it is not advisable to interrupt the beacon, even to give weather information. Hence the new system.

The modulation frequencies used with visual beacons are 65, 86 and 108 cycles respectively. Intelligible speech does not require modulation below 300 cycles. Wherefore the United States Bureau of Standards set about getting these two frequencies on the same carrier wave, providing a double signal channel thereby. It was simple enough from the transmitting end.

The airplane receivers had to be redesigned. Now, by means of a suitable filter arrangement, frequencies above 300 cycles are applied to the headphones for telephone work, and frequencies below 300 cycles are applied to the vibrating reed course indicator which picks up the beacon signals. In this way the pilot may carry on communications with a ground station without interrupting the ceaseless signal of the beacon, yet both will be received on the same carrier wave.

The experiment is but a forerunner of further duplexing arrangements by which one carrier may be made to carry more than one type of radio impulse. Engineers are dreaming of the day when half a dozen stations may be placed on the same carrier to broadcast without interference when more is known about the filtering operations of high frequency radiations.

NEW RADIO FEE SYSTEM

DETAILS of the radio fee system under which broadcast stations can be made to pay a return to the government have been worked out by the Federal radio commission and have been submitted to the Senate in a report, pursuant to a Senate resolution last March.

The attempt to allocate fees equitably necessitated the working out of a complicated system of classification, based upon power, time and use. In a sense, this classification determines the public utility idea of the various stations, a point toward which radio has been silently working for some time.

Three major fees are contemplated in the commission's schedule. The fee of \$25 per unit is an "administrative levy." That of \$100 is a revenue-producing tax. And the \$300 charge considers certain licenses in the nature of a "concession." On the \$25 base, fees would range from \$62.50 for a 100-watt station half-time to \$800 for a 50,000-watt station operating full time on a cleared channel; on the \$100 rate they would range from \$250 to \$3200; on the \$300 rate from \$750 to \$9600. There is not space here to give the considerations that governed the commission in its findings other than to say it was as evenly arranged as possible.

The commission explains in its report the "three bases" which are used as foundation line for the figuring. The \$25 a unit charge would be a means, it said, of discouraging frivolous applications, services which have no merits, etc., and would indirectly bring about a reduction of the number of licenses in the radio spectrum which may be considered as overcrowded.

The \$100 per unit fee system would be an excise by means of which Congress could provide funds for the Federal regulation of radio communication, and very possibly for the administration of the supervisory functions of the Department of Commerce. This would include the payment of radio supervisors and inspectors and the expenses of their various official functions.

The \$300 per unit charge would be considered as a tax on the station for the Federal benefit conferred upon it out of the limited number of public facilities now available.

Certain other types of stations would also be subjected to the unit system, the commission estimating the revenue from the \$25 fee at \$178,000, from the \$100 fee \$713,000, and the \$300 fee \$2,141,280.

The report suggested that certain types of radio stations should be subjected to minimum fees. It is suggested that amateurs pay \$1 a year to give the man opportunity to contribute to the expense of licensing them

without placing an undue burden upon their restricted means. Stations on aircraft, and those used for beacon and compass work were given an assessment of \$10 a year; experimental stations, \$25 a year. A rate of \$15 per year is proposed for initial stations on ships, additional stations for ship-to-shore telephone work, etc., being assessed on the unit basis.

The commission also suggests fees for the handling of licenses, etc., \$25 being assessed for construction permits or original licenses, \$10 for license renewals, \$15 for modification of license, and \$100 for assignment of station licenses. These charges, however, are not to be assessed upon amateur, experimental, ship, radiobeacon, compass or aircraft apparatus.

Based on the experience of the past fiscal year the commission estimates that \$68,650 could be collected from licenses, etc., and \$58,045 from fixed station fees, in addition to the fees obtained from the unit basis of classification.

NEW FONE BAND DECLARED OPEN

UNCLE SAM has opened a new radio band to amateurs for telephonic work. The new band lies between 20.98 and 21.28 meters, or from 14,300 to 14,100 kilocycles. This now makes available four bands for telephone work, the one named and the following three others: 5 to 5.35 meters; 84.50 to 85.70 meters; and 150 to 175 meters.

Operation in the new 20-meter band will be permitted only by operators holding extra first class operators' licenses, or by operators who, in their applications for station licenses, show special technical qualifications and ability.

FANS SPEND OVER \$21,000,000

THE American certainly went in for radio during 1929. A report of the department of commerce shows that during July, August and September the American public bought \$21,490,414 worth of radio sets. This averaged \$3450 per dealer, figured on the basis of 6237 dealers. The figures represented an increase of 14 per cent over the preceding three months of the year. The number of A. C. sets sold increased by 40 per cent, but the value of each set dropped from \$167 to \$155, on an average the department figures showed.

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Seventh and Folsom Streets, San Francisco

SCHOOL OF AIR TO START FEB. 15

THE American School of the Air, with a faculty of sixteen educators, and the entire nation as a schoolroom, will open on February 4. Broadcasts will be over the Columbia network, with headquarters—the principal's office—at WABC.

A complete bibliography of the subjects to be presented is being arranged by Effie Powers, head of the children's division of the American Library Association, and Mary Kerchway of the Horace Mann School of New York. By this means, students who listen in on the course of radio study will be able to follow a course of parallel reading.

The lists of books to be read with the course will be sent to every library in the country with a request to post them in a conspicuous place. The general broadcasts will be under direction of a committee of evaluation which is divided into sub-committees for each state, having as its chairman the state superintendent of public instruction in each state. The findings and criticisms of this committee are to guide the courses offered.

Each Tuesday, at a time to be announced later, there will be given dramatizations based on important historical episodes, while on March 27 and April 3 special musical broadcasts have been prepared.

Among those whose names appear as instructors in the American School of the Air are the following eminent authorities: Dr. William C. Bagley, professor of education, Teachers' College, Columbia University, who is dean of the faculty; P. W. Dykema, director of the department of music education, Columbia University; Howard Hanson, director of the Eastman Conservatory of Music, Rochester, N. Y.; Henry Turner Bailey, Cleveland Museum of Art; Lorado Taft, Chicago sculptor; Dr. Harold Rugg, social science department, Lincoln School, New York; Dr. Julius Klein, assistant secretary of Commerce; Dr. Bertha Cady of the American Museum of Natural History; Daniel Carter Beard, national commissioner of the Boy Scouts of America; H. B. Wilson, national director, and A. L. Schafer, associate director of the American Red Cross.

The experiment is to be watched closely by President Hoover and his educational committee which recently reported on the advisability of a "university of the air" under federal appropriation, it is understood.

CONCERT ARTISTS ON MAJESTIC HOUR

On its program of Sunday evening, January 26, the Majestic Theater of the Air featured three of the youngest and most famous of American concert artists—Helen Bickerton, soprano; Raymund Koch, baritone, and Samuel Thaviu, violinist.

Helen Bickerton is a Chicago girl who is an accomplished pianist as well as a finished concert soprano. Her tremendous repertoire ranges from the simplest of ballads to the most difficult of oratorio and operatic arias. Gifted with a natural dramatic and musical instinct and possessed of a voice of rare beauty and brilliance, Helen Bickerton can well be considered one of the best of American sopranos.

Raymond Koch hails from St. Louis, Mo., where he received his early musical education. There he was heard frequently as soloist with the St. Louis Symphony Orchestra. He was engaged to sing the leading baritone roles with the Cincinnati Summer Opera Company, with which organization he remained for three seasons. During 1926-27 he was studying and singing opera in Germany and returned to America in the fall of 1927 to sing leading roles with the American Opera Company, remaining with this estimable organization for two seasons.

All the world loves a lover and will be interested to know that Helen Bickerton and Raymond Koch are, in private life, Mr. and Mrs. Koch. They furnished a series of operatic programs over WGN, Chicago, during the 1928-29 season which elicited more enthusiastic radio fan mail than any programs given over this great broadcast station since the early Sam 'n' Henry episodes.

Samuel Thaviu, the famous nineteen-year-old violinist, who won the Lyon & Healy prize in 1927 and the Julliard Foundation of Scholarship in 1929, was also heard on this Majestic Hour program. Young Thaviu is a violin student of Jacques Gordon and is studying theory and harmony under Walter Goodell, both of Chicago. He has appeared as violin soloist with the Cincinnati Symphony and the Springfield (Illinois) Symphony orchestras and also with his father's famous concert band (Thaviu's Band), which plays the largest state fairs each year in the United States and Canada. His playing to a national audience on the Majestic Hour proved a delight to all music lovers and will be a real inspiration to all youthful students of the violin.

A PAGE FROM THE NBC WOMAN'S MAGAZINE OF THE AIR

By MADONNA M. TODD

ALL very suddenly—right out of a clear sky—Bennie Walker, editor, and his "Woman's Magazine of the Air" staff have given us some splendid new features. Crisco was the first of a trio that Bennie introduced. The speaker is Ann Holden, domestic science editor. Then, almost immediately along came the Camay period and Helen Webster with the Clorox feature, which has its premier Monday, this week.

Helen Chase offers Camay, a feature of merit, and affords another very delightful personality for the magazine. Helen will chat every Monday about Camay, a perfected complexion soap. Incidentally, that's the only time one will have the opportunity to hear Miss Chase. She refuses to discuss anything excepting beauty and soap.

But getting back to Ann Holden and Crisco.

A feature of the "Woman's Magazine of the Air" is presented only after a thorough study by the home economics expert, who will offer it to the NBC system audience. Ann spent days "researching" before she offered the first Crisco program.

"And I found more interesting things," she tells us. "Some of the things I had been told about Crisco, I'll confess I rather doubted. For instance, this business of a temperature test. I've been told that temperature made no difference. Funny thing is, I found out that it didn't—not the slightest."

Picture Ann hurrying home with a huge can of the shortening under her arm and placing it in an oven set at 99 degrees—then turning around and putting the can in an ice box which registered 45 degrees.

"Only to find," says Ann, "that the product was just as creamy and workable one way as the other. All my skepticism cured. I want all the listeners to the 'Woman's Magazine of the Air' to hear it."

Temperature testing was only the beginning of Miss Holden's research. She has followed closely the manufacture of the product, learned its ingredients and had a "real honest-to-goodness orgy," as she says, of using her new product in recipes where any shortening is required.

On her opening program, Miss Holden presented a recipe which really is worth



ANN HOLDEN

chronicling. It is for cream puffs:
6 tablespoons Crisco
1 cup boiling water
1 cup flour
4 eggs
½ teaspoon salt

The directions for mixing: Melt the Crisco in boiling water and add quickly flour sifted with salt. Cook until a mass is formed which will clear the sides of the pan. Remove from the fire and add the eggs one at a time, beating thoroughly after each egg is added. Drop by large spoonful into a cookie sheet and bake fifteen minutes in a preheated oven set at 425 degrees.

Custard or cream filling can be used, but Ann recommends the custard.

With the new features, the "Woman's Magazine of the Air" now offers a daily one-hour program as follows: Monday—Clorox and Camay features; Surprise Feature; Tuesday—Wright, Lady Pepperell and Wedgewood features; Wednesday—the Ornite Comedians, Easier Housekeeping and Fuller features; Thursday—California Home Brand Catsup, Crisco features and an impromptu period; Friday—Kraft, M. J. B. with their own chef, and Alpine features.

The genial editor, Bennie Walker, conducts every morning's broadcast just as an editor should, and here is a schedule which you might like to keep as a memo on the appearance before the microphone of the others of the Magazine staff: Monday—Helen Webster and Helen Chase; Tuesday—Ann Holden and Helen Webster; Wednesday—Magnolia, Henry and Charley, and Helen Webster; Thursday—Miss Holden, "Little Bennie"; Friday—Ann Holden, M. J. B. chef.

The Magazine Melodists, with Joseph Hornik directing, will play every day, and two of NBC's brightest stars are programmed to sing.

The singers heard during the NBC broadcast from San Francisco to New York and those in the studio who command the highest place among Western artists, all make their appearance during the "Woman's Magazine of the Air." A few of these you already have heard are: Marian Gilbert, Barbara Blanchard, Eva Gruninger Atkinson, Jack Deane, Irving Kennedy, Austin Mosher, John Teel.

MICROPHONE GOSSIP



Henry and Esther Hammond have long been quite accomplished in good radio broadcasting over San Francisco stations, and are now appearing on KTAB. Henry's voice is of a pure, lyric quality, and Esther's piano is more than just merely accompaniment, since she teaches Henry every note he sings.

* * *

Amos'n' Andy, who some time ago had difficulty in getting a good shoe fit from Freeman Talbot, Mystic Knight of the Sea and a Harlem shoe salesman, now have a good pair of white oxfords, presented by Freeman Talbot, manager of KOA. There are slits in the sides, making them all ready for perfect comfort. It is presumed the radio comic strip characters will take turns wearing them, as they do their socks. These are no ordinary shoes. They were worn by the saxophonist with the orchestra that played the first number broadcast over KOA.

* * *

Peggy Price, blues singer, is now a staff artist at KFVD. Miss Price has sung over KNX, KTM and KMIC in the south, KOMO, KFOA in Seattle, and KTAB in San Francisco. She has been doing radio work for the past three years.

* * *

It is Harrison Holliday's policy, in managing KFRC, to use announcers who are not only adept with the tongue but with a pen as well. He feels that the announcer is the one best able to put his own words into his own mouth.

* * *

A new feature on KJBS which has excited favorable comment is the weekly appearance of the Lucille Gordon Players, who offer tabloid versions of many of the most successful stage productions.

* * *

Baron Keyes, creator and manipulator of that extraordinary fellow, Clicketyclack, is one of the most mysterious personages at KFI, over which station he presents his program every afternoon at 5 o'clock. Keyes' entire program consists of sound effects, interspersed with droll stories and fantasies. The appeal is mainly to children, but grown-up listeners can satisfy their appreciation of the quaint, the fantastic, and the gnomie from Keyes' performance.

The mystery of Keyes' program is that he hermetically closes and drapes all windows and doors of the studio while he is working

so as not to let imitators get a glimpse of his manner of producing his sound effects. No one has yet seen him at work, he says.

* * *

Sugar-coated pills of history are doled out over KYA each evening at 8 o'clock, when the Calendar of the Air is presented. This feature program consists of historical events which have occurred on each particular day during the ages. This service is supplied by Phillip H. Lord of New York, and is used throughout the country as a special educational feature for the schools and straight talks. Special continuity is prepared by Margaret Manson of the KYA staff and the musical selections are arranged by Liborius Hauptmann, musical director.

* * *

Ben McLaughlin is a radio artist who keeps the folks at home waiting up nights. But that's not so bad as it sounds.

McLaughlin has a rôle in "In the Parlor," an NBC broadcast through Pacific Coast and Denver stations. The folks at home, Mr. and Mrs. Peter McLaughlin, are at Frankfort, Indiana, and it's midnight for them before their son's voice can be heard.

* * *

Standard McWebster, who is heard on the Merrymakers' program over KFRC from the Don Lee KHJ studios, achieves his comedy effects by getting inextricably tangled up in the President's English. Fred Brown, KFRC announcer, follows the program on the air with a dance program from the Mark Hopkins Hotel. One night recently he started out something like this:

"You will now hear a dance program from Keacock port—Peacock Kork—I mean—Ladies and Gentlemen, you will now hear a dance program from the usual place at the Hotel Hark Mopkins. Pardon please. The word is Peacock Hopkins." (Music follows.)

* * *

Dick Rickard is the latest addition to the announcing staff of KVI. Rickard comes to KVI from KHJ, the Los Angeles station of the Don Lee Broadcasting System. While at KHJ, Rickard covered many of the radio features of the South. These included the arrival of the Graf Zeppelin, the U. S. C.-Pittsburgh New Year's game, and many movie premieres in Hollywood.

Rickard was graduated from the University of Washington in 1927. Prior to attending the university, Rickard was graduated from Queen Anne High School, Seattle.

TONIGHT AT 6 P. M.

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OF THE AIR

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SUNDAY Programs

NBC

National Broadcasting Company

- 12 to 1 p.m.—National Youth Conference
Dr. Poling will be heard in an address entitled "Question Askers—World Builders." George Shackley will direct the musical portion of the hour. A mixed quartet including Muriel Wilson, soprano; Helen Janke, contralto; Richard Maxwell, tenor, and Earle Waldo, bass, will contribute the vocal numbers.
Broadcast through KGO, KHQ, KOMO (12:15 to 1 p.m.) and KGW.
- 1 to 2 p.m.—Dr. S. Parkes Cadman
This non-denominational church service is presented under the auspices of the Federal Council of Churches of Christ in America. Sacred music is offered by the Oratorio Choristers under the direction of George Dilworth.
Broadcast through KGO, KHQ, KOMO and KGW (1:30 to 2 p.m.).
- 2 to 2:30 p.m.—Western Artist Series Concert, KGO and KOMO.
- 2:30 to 3:30 p.m.—Sunday Concert
Gwynfi Jones, the singing miner who has made good as a professional singer of high standing, will be on the Sunday concert as soloist. Charles Hart will direct the orchestra.
Broadcast through KGO, KHQ (2:30 to 3 p.m.), KOMO and KPO.
- 3:30 to 4:30 p.m.—Musical Musketeers
Three vocalists—Doug Richardson, Clarence Hayes and Jack Deane—will intersperse the instrumental numbers with popular songs.
Broadcast through KGO and KPO.
- 4:30 to 5 p.m.—Duo Disc Program
Max Dolin's salon orchestra, an instrumental duo and Ned Tollinger and John Wolf, singers, will present a program over KGO, KHQ, KOMO, KGW and KECA.
- 5 to 5:15 p.m.—Enna Jettick Melodies
Betsy Ayres, soprano; Mary Hopple, contralto; Steele Jamison, tenor, and Leon Salathiel, bass, offer several quartet numbers. George Dilworth will direct the orchestral ensemble.
Broadcast through KHQ, KOMO, KGW, KPO and KFI.
- 5 to 6 p.m.—Gems of the Drama, KGO.
- 5:15 to 6:15 p.m.—Collier's Radio Hour
With a distinguished guest speaker, dramatized stories and musical interludes programmed, Collier's Radio Hour will be broadcast through KHQ, KOMO, KGW, KPO and KFI.
- 6:15 to 7:15 p.m.—Atwater Kent Hour
Two singers—one internationally known and the other just starting on the road to fame—will be heard when Armand Tokatyan and Genevieve Rowe appear as guest artists during the Atwater Kent Hour broadcast through KHQ, KOMO, KGW, KPO and KFI.
- 6:15 to 6:45 p.m.—Songs Without Words, KGO.
- 6:45 to 7:15 p.m.—Stanislas Bem's Little Symphony, KGO.
- 7:15 to 7:45 p.m.—Studebaker Champions
Jean Goldkette will conduct this all-popular orchestral program which has for its high lights "Nina Rosa," a special release, and the revival of three old numbers headed by "Oh, Miss Hannah."
Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 7:45 to 8:15 p.m.—Sunday at Seth Parker's, KGO.

- 8:15 to 9 p.m.—The Pilgrims, KGO.
9 to 9:30 p.m.—Borden Program
The Blue and White Band, Barbara Blanchard, soprano, and a male quartet will be heard in a 30-minute Borden program of popular music over KGO, KHQ, KOMO, KGW, KFI, KSL and KOA.
- 9:30 to 10 p.m.—The Reader's Guide, KGO, KHQ, KOMO and KOA.
- 10 to 11 p.m.—The Gay Classics
Max Dolin and concert orchestra, assisted by Eva Gruninger Atkinson, contralto, present this program.
Broadcast through KGO, KHQ, KOMO, KECA and KOA.

- 309.1 Meters** **KOMO** **Channel 97**
970 Kcys. **1000 Watts**
Fisher's Blend Station, Inc., Seattle, Wash.
- 9 a.m.—Organ recital
10 a.m.—Bible Students' Ass'n
11 a.m.—Lucile Johnson, pianist; Donald Gray, baritone
11:15 a.m.—Plymouth Congregational Church
12:15 p.m.—Orchestra; Marye Burns, soloist
1 p.m.—Dr. S. P. Cadman Cathedral Hour, NBC
2 p.m.—Western Artists Series, NBC
2:30 p.m.—Sunday Concert, NBC
3:30 p.m.—Orchestra; Donald Gray, baritone
4:30 p.m.—Duo Disc program, NBC
5 p.m.—Enna Jettick Melodies, NBC
5:15 p.m.—Collier's Hour, NBC
6:15 p.m.—Atwater Kent program, NBC
7:15 p.m.—Studebaker Champions, NBC
7:45 p.m.—Maie quartet, vocal recital
8 p.m.—First Church of Christ, Scientist
9 p.m.—Borden Milk program, NBC
9:30 p.m.—Reader's Guide, NBC
10 to 11 p.m.—Gay Classics, NBC

- 361.2 Meters** **KOA** **Channel 83**
830 Kcys. **12,500 Watts**
General Electric Co., Denver, Colorado
- 5 to 5:15 p.m.—Enna Jettick Melodies
5:15 to 6:15 p.m.—Collier's Radio Hour
6:15 to 7:15 p.m.—Atwater Kent concert
7:15 to 7:45 p.m.—Studebaker Champions
7:45 to 8:15 p.m.—Sunday at Seth Parker's
8:15 to 8:45 p.m.—The Solitaire Cowboys
8:45 to 9 p.m.—Everett E. Foster, baritone
9 to 9:30 p.m.—Borden program
9:30 to 10 p.m.—The Reader's Guide
10 to 11 p.m.—The Gay Classics

- 265.3 Meters** **KSL** **Channel 113**
1130 Kcys. **5000 Watts**
Radio Service Corp., Salt Lake City, Utah
- 5:15 p.m.—Collier's Hour, NBC
6:15 p.m.—Atwater Kent Hour, NBC
7 p.m.—First Presbyterian Church services
7:30 p.m.—Mons. Hunt, Roman Catholic discourse
8 p.m.—Church services from the studio
8:45 p.m.—"Television" concert
9 p.m.—Borden's Concert Hour, NBC
9:30 p.m.—Utah Hour
10:30 to 12 midnight—Request Hour

- 296.6 Meters** **KQW** **Channel 101**
1010 Kcys. **500 Watts**
First Baptist Church, San Jose, Calif.
- 10:15 to 11 a.m.—Sunday School lesson by Fred J. Hart
11 to 12:30 p.m.—Morning services, First Baptist Church, conducted by Rev. Paul H. Ralstin
7:30 to 9 p.m.—Evening services, First Baptist Church

SUNDAY Programs

535.4 Meters **KTAB** **1000 Watts**
560 Kcys. **Channel 56**
Pickwick Broadcasting Co., Oakland, Calif.

9 to 10 a.m.—Dr. Corley
 10 to 11 a.m.—Bible class
 11 to 12:30 p.m.—Church services
 12:30 to 1 p.m.—Chapel of Chimes
 1 to 1:30 p.m.—Church of Latter Day Saints
 1:30 to 2:30 p.m.—Masters Album
 2:30 to 3 p.m.—“Pianistic Pictures in Blue”
 3 to 3:30 p.m.—“Organ Echoes”
 3:30 to 4 p.m.—Violin recital, Emmet Dorman
 4 to 5 p.m.—Musical Appreciation Hour
 5 to 6 p.m.—Chapel of Chimes
 6 to 6:30 p.m.—Art Fadden, pianist
 6:30 to 7 p.m.—Tindall lecture
 7 to 7:30 p.m.—Joan Ray, contralto; Jane S. Sands, pianist
 7:45 to 9:15 p.m.—Church services
 9:15 to 9:30 p.m.—Chapel of Chimes
 9:30 to 10 p.m.—Brunswick Hour
 10 to 11 p.m.—Silver Slipper Hour with Joe Wright’s orchestra

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

8 to 9 a.m.—Recordings
 9 to 11 a.m.—Pac. States Sav. & loan concert
 11 to 12:30 p.m.—First M. E. Church
 12:30 to 1:30 p.m.—Terpezone trio and vocalists
 1:30 to 2 p.m.—Sunday matinee, KFRC
 2 to 2:30 p.m.—McKesson and Robbins, CBS
 2:30 to 3 p.m.—Prof. Chas. Lindsley and organ
 3 to 3:30 p.m.—Frank Moss and Herman Reinberg, KFRC
 3:30 to 4:30 p.m.—Recordings
 4:30 to 5 p.m.—Rabbi Edgar Magnin
 5 to 5:30 p.m.—Tea Time Three, KFRC
 5:30 to 6 p.m.—Art Kahn & his Sonatrons, CBS
 6 to 7 p.m.—Majestic Theatre of the Air, CBS
 7 to 7:30 p.m.—Jesse Crawford, organist, CBS
 7:30 to 8 p.m.—Robert Olsen and Harold Dana
 8 to 8:30 p.m.—Alberto Terrasi and orchestra
 8:30 to 9 p.m.—J. W. Miller Company program
 9 to 10 p.m.—Val Valente’s orchestra, KFRC
 10 to 10:10 p.m.—World-wide news
 10:10 to 11 p.m.—Val Valente’s orchestra, KFRC
 11 to 12 midnight—Meyerinck’s Mandarin Band
 12 to 1 a.m.—Wesley Tourtellotte, organist

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

10 to 11 a.m.—I. B. S. A., KHQ, KOMO, KGW
 11 to 12 noon—Central M. E. Church services
 12 to 1 p.m.—National Youth Conference, NBC
 1 to 2 p.m.—Dr. S. Parkes Cadman, NBC
 2 to 2:30 p.m.—“With the Music Masters”
 2:30 to 3 p.m.—Sunday concert, NBC
 3:30 to 4:30 p.m.—Standard Rythmeers
 4:30 to 5 p.m.—Duo Disc Duo, NBC
 5 to 5:15 p.m.—Enna Jettick Melodies
 5:15 to 6:15 p.m.—Collier Hour, NBC
 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.—Popular concert selections
 8 to 9 p.m.—New Episcopal Cathedral
 9 to 9:30 p.m.—Borden’s program
 9:30 to 10 p.m.—The Readers’ Guide, NBC
 10 to 11 p.m.—The Gay Classics, NBC

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

Don Lee, Inc., San Francisco, Calif.

9 to 12 noon—“Home Sweet Home” concert
 12 to 1 p.m.—Sherman and Clay concert
 1 to 2 p.m.—Jean and her shadows, DLBS
 2 to 2:30 p.m.—McKesson and Robbins, CBS
 2:30 to 3 p.m.—Recordings
 3 to 4 p.m.—Classical concert featuring Frank Moss, pianist, assisted by Herman Reinberg, cellist; Harold Dana, baritone; DLBS
 4 to 4:30 p.m.—Our Romantic Ancestors, CBS
 4:30 to 5 p.m.—Talk by Dr. Louis I. Newman
 5 to 5:30 p.m.—Lucille Harger, contralto; Marjorie Colette with violins and harp, and pianist
 5:30 to 6 p.m.—Art Kahn’s Sonatrons, CBS
 6 to 7 p.m.—Majestic Theater of the Air, CBS
 7 to 7:30 p.m.—Jesse Crawford, organist, CBS
 7:30 to 8:30 p.m.—Maurice Chevalier in “A Trip Through the San Francisco Auto Show”
 8:30 to 9 p.m.—Robert Olsen and Harold Dana Melody Hour
 9 to 10 p.m.—Val Valente’s orchestra; Frederick Brown, soloist
 10 to 11 p.m.—Val Valente’s orchestra; Gypsy and Marta, soloists; DLBS
 11 to 12 midnight—Herh Meyerinck’s Band

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

9:30 to 10 a.m.—Americanization program
 10 to 11 a.m.—International Bible Students
 12 to 1 p.m.—National Youth Conference, NBC
 1 to 2 p.m.—Dr. Cadman’s Cathedral, NBC
 2 to 2:30 p.m.—Catholic truth
 2:30 to 3:30 p.m.—Sunday concert
 3:30 to 4:30 p.m.—Studio program
 4:30 to 5 p.m.—“Duo-Disc” program, NBC
 5 to 5:15 p.m.—Enna Jettick, NBC
 5:15 to 6:15 p.m.—Collier Hour, NBC
 6:15 to 7:15 p.m.—Atwater Kent Hour, NBC
 7:15 to 7:45 p.m.—Studebaker program, NBC
 7:45 to 8 p.m.—Baker’s Enna Jetticks
 8 to 8:15 p.m.—Cecil and Sally
 8:15 to 8:30 p.m.—Baby’s Boudoir
 8:30 to 9 p.m.—Fada Gill Players
 9 to 9:30 p.m.—Borden Milk program, NBC
 9:30 to 10 p.m.—First Nat’l Bank Concert Orch.
 10 to 11 p.m.—Little Symphony Orchestra
 11 to 12 midnight—Fox Hollywood organ

309.1 Meters **KJR** **Channel 97**
970 Kcys. **5000 Watts**

Northwest Radio Service Co., Seattle, Wash.

8 a.m.—Organ recital, Henri LeBel
 10 a.m.—Glen Eaton, tenor, and Marjorie Robillard, piano
 12 noon—Classical concert
 1 p.m.—Y. M. C. A. program
 2 p.m.—Krasnoff Lyric Hour
 3 p.m.—Elmore Vincent and Marjorie Robillard
 3:45 p.m.—Lutheran Church program
 5:30 p.m.—Glen Eaton and Marjorie Robillard
 6 p.m.—Broadway Trio; Agatha Turley, soprano; Ellen Reep, contralto; Sidney Dixon, tenor; Jean Kantner, baritone
 7 p.m.—Miller’s Hometowners; Glen Eaton, tenor; Paul Karlson, accordion
 8 p.m.—Damski’s Imperial Grand Orchestra; Agatha Turley, soprano; Jean Kantner, baritone; Ernest Gill, violin; Jean Paully, bassoon
 9 p.m.—Ed Sheldon, mandolin; Elmore Vincent, tenor; Zac Kalbach, saxophone
 10 p.m.—Ellen Reep, contralto; Sydney Dixon, tenor; Hubert Graf, harp
 11 p.m.—Harmony Aces; Eulala Dean, blues; Glen Eaton, tenor

SUNDAY Programs

243.8 Meters **KYA** Channel 123
1230 Kcys. 1000 Watts
 Pacific Broadcasting Corp., San Francisco
 9 to 12 noon—Recorded program
 12 to 1:15 p.m.—Old St. Mary's Church services
 1:15 to 7 p.m.—Recordings
 7 to 8 p.m.—Pacific Artists' Trio, with Nona Campbell, soloist
 8 to 9 p.m.—Old St. Mary's Church services
 9 to 10 p.m.—Pacific Artists' Trio; Nellie Wren
 10 to 12 midnight—Recordings

280.2 Meters **KJBS** Channel 107
1070 Kcys. 100 Watts
 J. Brunton & Sons, San Francisco, Calif.
 8:30 to 9 a.m.—Recordings
 9 to 9:30 a.m.—Esrey program
 9:30 to 10 a.m.—U. S. Popular Half Hour
 10 to 10:30 a.m.—Sunshine Half Hour
 11 to 11:30 a.m.—Selix program
 11:30 to 12 noon—Salon Orchestra
 12 to 12:30 p.m.—Les Poe
 12:30 to 1 p.m.—U. S. Popular Hour
 1 to 1:30 p.m.—Mission Melodies
 1:30 to 2 p.m.—Record program
 2 to 2:30 p.m.—Chas. Warriner, baritone
 2:30 to 3 p.m.—California program
 3 to 3:30 p.m.—Mabel Payne, soprano
 3:30 to 5:30 p.m.—Records

285.5 Meters **KNX** Channel 105
1050 Kcys. 5000 Watts
 L. A. Evening Express, Los Angeles, Calif.
 9 to 11 a.m.—Program of recordings
 11 to 12:30 p.m.—First Presbyterian Church
 12:30 to 1 p.m.—Louise Johnson, astroanalyst
 1 to 2 p.m.—I. B. S. A.
 2 to 4 p.m.—City Park musical program
 4 to 5 p.m.—Radio Church of the Air
 6 to 6:30 p.m.—Talk by Dr. Ernest Holmes
 6:30 to 7 p.m.—Hollywood Humanist Society
 7 to 8 p.m.—Luboviski Trio
 8 to 9 p.m.—First Presbyterian Church
 9 to 10:30 p.m.—Feature program, KNX artists

236.1 Meters **KOL** Channel 127
1270 Kcys. 1000 Watts
 Seattle Broadcasting Co., Seattle, Wash.
 4 to 4:30 p.m.—Semi-classical recorded program
 4:30 to 6:30 p.m.—Concert program
 9:30 to 11:30 p.m.—Guy Olsen's Scandinavian American dance band

315.6 Meters **KFWB** Channel 95
950 Kcys. 1000 Watts
 Warner Brothers, Hollywood, California
 8:30 to 9 a.m.—The Funny Paper Man
 9 to 10 a.m.—Courtesy program
 10 to 1:30 p.m.—Late recordings
 1:30 to 2:30 p.m.—Courtesy program
 6:30 to 7 p.m.—Harry Jackson's entertainers
 7 to 7:30 p.m.—String quartet; Buster Dees
 7:30 to 8 p.m.—Burr McIntosh, "Philosopher"
 8 to 9 p.m.—Leo Forbstein and his Vitaphone Orchestra; First National stars and players
 9 to 9:30 p.m.—Navier Cugat, concert violinist; Carmen Castillo, Spanish soprano
 9:30 to 10 p.m.—George Campbell's quartet

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

10 to 11 a.m.—Arion Trio
 11 to 12 noon—Grace Cathedral services
 12 to 1 p.m.—National Youth Conference
 1 to 2 p.m.—Cathedral Hour
 2 to 2:30 p.m.—Western Artist Series concert
 2:30 to 3:30 p.m.—Sunday concert
 3:30 to 4:30 p.m.—Musical Musketeers
 4:30 to 5 p.m.—Duo Disc program
 5 to 6 p.m.—Gems of the Drama
 6 to 6:15 p.m.—News service
 6:15 to 6:45 p.m.—"Songs Without Words"
 6:45 to 7:15 p.m.—Stanislas Bem's Little Symphony
 7:15 to 7:45 p.m.—Studebaker Champions
 7:45 to 8:15 p.m.—Sunday at Seth Parker's
 8:15 to 9 p.m.—The Pilgrims
 9 to 9:30 p.m.—Borden program
 9:30 to 10 p.m.—"The Reader's Guide"
 10 to 11 p.m.—The Gay Classics

340.7 Meters **KLX** Channel 88
880 Kcys. 500 Watts
 Tribune Publishing Co., Oakland, Calif.
 5 to 6 p.m.—Chas. T. Besserer, organist

299.8 Meters **KFVD** Channel 100
1000 Kcys. 250 Watts
 Auburn Fuller, Culver City, Calif.
 10 a.m.—Songs That Never Grow Old
 11 a.m.—Madame Zollars' Beauty Hour
 12:30 p.m.—Tom and Wash
 1 p.m.—"Inspiration"
 2 p.m.—Sacred Half Hour
 4 p.m.—De Witt Hagar's program
 8:45 p.m.—Tom and Wash
 9 p.m.—Community program

225.4 Meters **KGB** Channel 133
1330 Kcys. 250 Watts
 Pickwick Broadcasting Co., San Diego, Cal.

8 to 9 a.m.—Aloha Boys Hawaiian Trio
 9 to 10 a.m.—Special program
 10 to 11 a.m.—Special recordings
 11 to 12 noon—Jack Reed's "Round the Towners"
 6 to 7 p.m.—Church of Jesus Christ, L. D. S.
 7 to 8 p.m.—Caliste Conant Hudson, Enrique Robles and Jim Mills
 8 to 9 p.m.—Pickwick Concert Hour
 11 to 12 midnight—Jack Reed's orchestra

254.1 Meters **KEX** Channel 118
1180 Kcys. 5000 Watts
 Western Broadcasting Co., Portland, Ore.

12 noon—Religious music
 1 p.m.—Musical
 1:30 p.m.—Classical recital
 5:30 p.m.—Twilight Hour
 6 p.m.—Agatha Turley, soprano; Sydney Dixon, tenor; Ellen Reep, contralto; Jean Kantner, baritone; Broadway Trio
 7 p.m.—Miller's Hometowners' Orchestra
 8 p.m.—Damski's Imperial Grand Orchestra; Agatha Turley, soprano; Jean Kantner, baritone; Henri Damski, saxophone
 9 p.m.—Los Gauchos Argentines; Elmore Vincent, tenor; Zac Kalbach, saxophone
 10 p.m.—Angelus Ensemble; Ellen Reep, contralto; Sidney Dixon, tenor
 11 p.m.—Harmony Aces dance; Eulala Dean, blues; Elmore Vincent, tenor



JUNE DE ROCHE
NBC

Harrison



Holliday

OF COURSE you all know the popular station manager of KFRC and Master of Ceremonies for the Golden State Jamboree. . . . And do you remember this Jamboree solo sung by Mr. Holliday?

(Tune: "BYE, BYE, BLACKBIRD")
 There's one thing made by Golden State
 That is much better than first rate—
 It's their butter!
 It's great on white bread, brown or rye;
 It's wonderful on waffles—my!
 It's their butter!
 Butter makes the vegetables ta tah!
 Butter makes the biscuits sing, O la, la!
 There's nothing more that I can say
 Except that Golden State's that way—
 Bet-ter but-ter!

Each Monday night (8 to 10) on stations KFRC, KHJ or KMJ,
 hear the Golden State Jamboree—for better entertainment.

Every day use Golden State products (milk, butter, ice cream,
 cheese)—for better health

GOLDEN STATE MILK PRODUCTS COMPANY

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Merced	Merced 112
San Luis Obispo	San Luis Obispo 181
Santa Barbara	Santa Barbara 5154
Ventura	Ventura 3682
Oxnard	Oxnard 11
Van Nuys	Van Nuys 10
Burbank	{ Kenwood 171
Glendale	{ Douglas 421
Pasadena	Terrace 6670
Los Angeles	WESTMORE 9331
San Pedro	San Pedro 194
El Monte	El Monte 401
Riverside	Riverside 2400
Santa Monica	Santa Monica 24599

CENTRAL SHUEY CREAMERY	
East Bay	Olympic 3000
Richmond	Richmond 1938

PARKSIDE DAIRY	
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Sacramento	Main 6418

STOCKTON MILK COMPANY	
Stockton	Stockton 2527

THE HOME DAIRY	
Palo Alto	Palo Alto 6116

GOLD MEDAL CREAMERY	
Long Beach	Long Beach 33961

Golden State

MILK PRODUCTS COMPANY

MONDAY Programs

NBC

National Broadcasting Company

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

Helen Webster will be heard first during the Clorox Feature. Bennie Walker, editor, will preside during the program, giving a sketch of what may be expected through the remainder of the week and Helen Chase is programmed to follow. Miss Chase, Camay's beauty expert, will discuss the business of being "Beauty Conscious."

Broadcast through KGO, KHQ, KOMO, KGW, KFI and KPO, KSL and KOA from 10:30 to 10:50 o'clock.

1:30 to 2:30 p.m.—Pacific Vagabonds, KGO and KGW.

2:30 to 3 p.m.—Pacific Coast School of the Air, KGO, KPO, KGW, KHQ, KOMO and KFI.

3 to 3:30 p.m.—Mormon Tabernacle Choir and Organ, broadcast through KGO, KOMO, KGW and KPO.

3:45 to 4:15 p.m.—California Federation of Women's Clubs, KGO and KECA.

4:45 to 5 p.m.—Back of the News in Washington, KGO and KGW.

6 to 6:30 p.m.—Edison Program

His Royal Highness, King Victor Emanuel III of Italy, has his favorite musical selections, and they will be offered during the Edison program. An orchestral ensemble under the direction of Frank Black and the Edisonsters will give the interpretations.

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

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

When General Motors presents its Family Party to the coast-to-coast audience of the NBC System tonight, listeners will hear Giuseppe de Luca, Metropolitan Opera Company baritone, and an orchestra under the direction of Don Voorhees.

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

7 to 7:30 p.m.—Stromberg-Carlson Program

Another in the series of Stromberg-Carlson programs by the 50-piece Rochester Civic Orchestra under the direction of Guy Fraser Harrison will be on the air tonight.

Played in the Eastman School of Music, Rochester, New York, this program will bring to listeners the "Polonaise" from "Eugene Onegin," "Suite de Ballet," "Petite Suite" and the Introduction to the third act of "Lohengrin."

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

7:30 to 8 p.m.—Empire Builders

The engaging personality of Harvey Hays as the "Old Pioneer" and the whistling ability of Bob MacGimsey will be much in evidence on the Empire Builders' program to be broadcast over KGO, KHQ, KOMO, KGW and KFI.

8 to 8:30 p.m.—"Out of the West"

Continuing the series of John H. Hamlin's western romances, "Painted Ponies" will be broadcast through KGO.

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

Light classics, interspersed with occasional classics or semi-popular compositions, will be offered listeners by Rudy Seiger's Shell Symphonists when they broadcast through KPO, KFI (KHQ, KOMO and KGW 8 to 8:30 p.m.).

8:30 to 8:45 p.m.—Amos 'n' Andy
Broadcast over KGO, KGW, KOMO, KHQ and KECA.

8:45 to 9 p.m.—Ole and the Girls

Dick Le Grand has the part of Ole, the Swede baggageman who has ambitions to become a trouper. He joins hands with the Apple sisters in order to get into the show business. Marjorie Primley and Imelda Montague have the parts of Cora and Seeda, the harmony sisters.

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

9 to 9:30 p.m.—"Voice of Firestone"

Max Dolin will direct this program, broadcast through KGO, KHQ, KOMO, KGW, KFI, KSL and KOA.

9:30 to 10 p.m.—"The Cigar Band"

Tempos varying from fast to slow will characterize the dance melodies which "The Cigar Band" will play. Walter Beban will conduct the band and Doug Richardson will sing the refrains.

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

10 to 10:30 p.m.—Thru My Fireplace

Relaxing in his arm-chair, with pipe in mouth and gazing into the flickering flames, the Reconteur will tell of "Everyman's" past. Intermingled with his story-telling will be an appropriate musical program consisting of vocal and instrumental numbers.

Broadcast through KGO, KECA, KSL and KOA.

10:30 to 11 p.m.—Music Box

A salon orchestra under the direction of Charles Hart will be heard playing a program of classical numbers. The relationship of music to poetry will be expressed by introductory verses.

Broadcast through KGO, KECA, KSL and KOA.

11 to 12 midnight—Laughner-Harris Hotel St. Francis Dance Orchestra, KGO and KOMO

**440.9 Meters
680 Kcys.**

KPO

**Channel 68
5000 Watts**

Hale Bros. & The Chronicle, San Francisco

7 to 8 a.m.—Health Exercises by Hugh Barrett
Dobbs and William H. Hancock

8 to 9 a.m.—The Shell Happy Time, by Hugh Barrett Dobbs and William H. Hancock

9:30 to 10 a.m.—Dobbsie's Daily Chat

10 to 10:30 a.m.—Julia Hayes, "Helpful Hints"

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

11:30 to 11:45 a.m.—Art Talk by Helen Barker

11:45 to 12:05 p.m.—Time; announcements

12:05 to 1 p.m.—Floyd Wright, organist

12:15 p.m.—Dean Gresham, Community Chest

1 to 1:30 p.m.—California Crooners

1:30 to 2 p.m.—Ann Warner's home chats

2 to 2:10 p.m.—E. A. Pierce stock reports

2:10 to 2:30 p.m.—Book review, Harold Small

2:30 to 3 p.m.—Paul Pitman's school broadcast

3 to 3:30 p.m.—Mormon Tabernacle, NBC

3:30 to 3:45 p.m.—Dept. of Commerce talk

3:45 to 4 p.m.—Chamber of Commerce

4 to 4:50 p.m.—S. F. American Penwomen

4:50 to 5 p.m.—Stock reports

5 to 5:50 p.m.—Children's Hour

5:50 to 6 p.m.—News digest, "Scotty" Mortland

6 to 7 p.m.—Reo Masters of Music

7 to 8 p.m.—North Americans

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

9 to 9:10 p.m.—Cecil and Sally

9:10 to 10 p.m.—The Toreadors

10 to 10:30 p.m.—Fireside Hour

10:30 to 11 p.m.—Jerry Jermaine, contralto, and the Sparklers

11 to 12 p.m.—Jess Norman's San Franciscans

MONDAY Programs

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

Pacific Broadcasting Corp., San Francisco
9 to 10 a.m.—Recorded program
10 to 10:30 a.m.—Cooking by Belle de Graf
10:30 to 10:45 a.m.—Popular recordings
10:45 to 11 a.m.—Dr. Holmes, health talk
11 to 12 noon—California Sunshine Hour
12 to 12:15 p.m.—Newscasting
12:15 to 2 p.m.—Recordings
2 to 3 p.m.—Bridge Party Hour
3 to 3:30 p.m.—Cabbages and Kings
3:30 to 7 p.m.—Recordings
7 to 7:30 p.m.—George, Melvin, Leo and Frank
7:30 to 8 p.m.—Tommy Monroe and Bob Allen
8 to 9 p.m.—Calendar of the Air
9 to 10:30 p.m.—Revue of KYA artists
10:30 to 12 midnight—Recordings

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

Radio Service Corp., Salt Lake City, Utah
5 p.m.—Studio program, dance orchestra
5:30 p.m.—Vocal and instrumental selections
5:45 p.m.—Educational program
6 p.m.—Edison program, NBC
6:30 p.m.—General Motors, NBC
7 p.m.—Diversified musical selections
7:30 p.m.—Empire Builders, NBC
8 p.m.—"The Jewel Box"
8:30 p.m.—Amos 'n' Andy, NBC
8:45 p.m.—Dr. E. E. Keller
9 p.m.—"The Voice of Firestone," NBC
9:30 p.m.—Diversified drama program
10 p.m.—"Through My Fireplace," NBC
10:30 p.m.—"The Music Box"
11 to 12 midnight—Request Hour

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

The Morning Oregonian, Portland, Oregon
7 to 8 a.m.—"Sperry Hour," KPO
8 to 9 a.m.—Shell Happy Time
9 to 9:10 a.m.—News
9:10 to 9:30 a.m.—Oregonian Cooking School
9:30 to 10:30 a.m.—The Town Crier
10:30 to 11:30 a.m.—"Woman's Magazine," NBC
11:30 to 12 noon—Records
12 to 12:30 p.m.—"Powers' Pied Piper"
12:30 to 1 p.m.—Luncheon concert
1 to 1:15 p.m.—U. S. market reports
1:15 to 1:30 p.m.—Studio program
1:30 to 2:30 p.m.—Pacific Vagabonds, NBC
2:30 to 3 p.m.—School of the Air, NBC
3 to 3:30 p.m.—Mormon Tabernacle, NBC
3:45 to 4 p.m.—Traffic talk
4 to 4:15 p.m.—Studio, records
4:15 to 4:45 p.m.—Service Hour
4:45 to 5 p.m.—News in Washington, NBC
5 to 5:30 p.m.—Movie Club
5:30 to 6 p.m.—Stewart Warner program
6 to 6:30 p.m.—Edison Industries, NBC
6:30 to 7 p.m.—General Motors Party, NBC
7 to 7:30 p.m.—Stromberg Carlson, NBC
7:30 to 8 p.m.—Empire Builders, NBC
8 to 8:30 p.m.—Sleger's Shell Symphonists, NBC
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
8:45 to 9 p.m.—Ole and the Girls, NBC
9 to 9:30 p.m.—Firestone program, NBC
9:30 to 10 p.m.—"The Cigar Band," NBC
10 to 11 p.m.—Ben Selling's Boys
11 to 12 midnight—Organ recital

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

Tribune Publishing Co., Oakland, Calif.
7 to 8 a.m.—Exercises and entertainment
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Health questions answered
10:15 to 10:30 a.m.—S. F. stocks; weather
10:30 to 11 a.m.—Records
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 3:30 p.m.—Opportunity hour; stocks
3:30 to 5 p.m.—Recordings; Belco talk
5 to 5:30 p.m.—Brother Bob's club
5:30 to 6 p.m.—Edgar Russell
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News items
7:30 to 8 p.m.—Alabama Cafe orchestra
8 to 9 p.m.—Amati Quartet
9 to 10 p.m.—Helen Wegman Parmelee, pianist;
Elsa Madsen, violinist; Henri Sheffoff, basso;
Edith Fern Newcomb, contralto, and Chas.
Follette, accompanist
10 to 11 p.m.—Dance records

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

Seattle Broadcasting Co., Seattle, Wash.
6:45 to 7 a.m.—Radio time clock
7 to 8 a.m.—Eye Opener program
8 to 9:30 a.m.—Recorded program
9:30 to 10 a.m.—Home Economics
10 to 10:15 a.m.—The Duffy Players
10:15 to 11 a.m.—Musical program
11 to 12 noon—"The Carnival," with Billy Sher-
wood, Maud Nickerson, Bertrand Smith, the
Carnival Troupe
12 to 3:30 p.m.—Popular melodies
3:30 to 4:30 p.m.—Musical Side Show
4:30 to 5 p.m.—Mr. Fixit and news items
5 to 6 p.m.—Service Hour
6 to 6:30 p.m.—Dinner Hour program
6:30 to 6:55 p.m.—Ranch Dance Band
6:55 to 7 p.m.—Stocks
7 to 8 p.m.—Alice Blomquist, Richard Wood,
Annjeanette Strang, Eva Gonnella, Joseph
Nicolai
8 to 9 p.m.—Popular program
9 to 9:15 p.m.—Ivan Ditmars
9:15 to 10:30 p.m.—Wrestling match
10:30 to 12 midnight—Dance music

309.1 Meters **KJR** **Channel 97**
970 Kcys. **5000 Watts**

Northwest Radio Service Co., Seattle, Wash.
7 a.m.—Organ concert, Henri LeBel
8 a.m.—News and music
9:30 a.m.—Devotional services
10 a.m.—Elmore Vincent and Marjorie Robillard
11 a.m.—Classical program
12 noon—World in review
12:30 p.m.—Electrical transcription of opera
1 p.m.—Musical program
3 p.m.—Glen Eaton and Marjorie Robillard
5:30 p.m.—Raymond David Holmes, lecture
6 p.m.—Hometowners' Orchestra; Glen Eaton,
tenor; Spencer Adams, xylophone
7 p.m.—Sidney Dixon, tenor; Agatha Turley,
soprano; Mabel Mohrman, piano
8 p.m.—Elmore Vincent and Pearl Dempsey
9 p.m.—Jewel Box program
9:30 p.m.—Agatha Turley, soprano; S. Dixon,
tenor; Sam Meyer, violin
10 p.m.—Vaudeville Hour
11 p.m.—Vic Meyer's Club Victor Orchestra

MONDAY Programs

560 Kcys. KTAB 1000 Watts
535.4 Meters Channel 56
Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Eye Openers
 8 to 8:30 a.m.—Masters Album
 8:30 to 9 a.m.—Ye Towne Crier
 9 to 9:30 a.m.—Morning Prayer Hour
 9:30 to 10 a.m.—Broadway tunes
 10 to 10:30 a.m.—Household Hour
 10:30 to 11 a.m.—Dr. B. L. Corley
 11 to 12 noon—Barney Lewis' Tabloid of the Air
 12 to 1 p.m.—Sterling Cosmopolitans
 1 to 1:30 p.m.—Chapel of Chimes
 1:30 to 2:30 p.m.—Musical Appreciation Hour
 2:30 to 3 p.m.—Organ recital with Alice Blue;
 Mabel Payne, soloist
 3 to 4 p.m.—"Novelty and News"
 4 to 4:30 p.m.—Dr. Wade Forrester
 4:30 to 5 p.m.—Broadway Tunes
 5 to 6 p.m.—Brother Bob's Frolic Hour
 6 to 6:30 p.m.—Sterling Cosmopolitans
 6:30 to 7 p.m.—Twilight Hour
 7 to 7:30 p.m.—Art Fadden, pianist
 7:30 to 8 p.m.—Dorothy Nichols, cellist
 8 to 9 p.m.—"Legends," Joan Ray & Jane Sands
 9 to 10 p.m.—Rudolph's Ensemble with Carl
 Tobin, Jane S. Sands, soloists
 10 to 11 p.m.—Melody Makers
 11 to 12 midnight—Nite Owls with Alice Blue,
 Heinie Klotz, Henry Hammond
 12 to 1 a.m.—"Slumber Chaser"

296.6 Meters KQW Channel 101
1010 Kcys. 500 Watts

First Baptist Church, San Jose, Calif.

9:30 to 11 a.m.—Helpful Hour
 11 to 11:45 a.m.—Community program
 11:45 to 12 noon—Coleman Lamp program
 12 to 12:30 p.m.—Carl's Hawaiians
 12:30 to 1 p.m.—Market reports, weather
 1 to 1:30 p.m.—Hart's Happy Half Hour
 1:30 to 2:30 p.m.—The Friendly Hour
 2:30 to 3:30 p.m.—Musical program
 4:45 to 5:15 p.m.—Children's program
 5:15 to 5:30 p.m.—Painless Parker's health talk
 5:30 to 6 p.m.—San Jose Radionics Institute
 6 to 6:10 p.m.—U. S. D. A. farm flashes
 6:10 to 6:30 p.m.—Crop digest
 6:30 to 6:45 p.m.—Market reports
 6:45 to 6:55 p.m.—Farm reporter
 6:55 to 7 p.m.—Farmers' Exchange
 7 to 7:50 p.m.—Farm Bureau evening radio news
 7:50 to 8 p.m.—San Jose Chamber or Commerce
 8 to 9 p.m.—Studio program
 9 to 9:30 p.m.—Palo Alto program

254.1 Meters KEX Channel 118
1180 Kcys. 5000 Watts

Western Broadcasting Co., Portland, Ore.

9:30 a.m.—Program
 9:45 a.m.—Devotional services
 10 a.m.—Studio program
 12 noon—World Bookman and Girls' Orchestra
 1:05 p.m.—Uncle Robbin farm flashes
 1:15 p.m.—Popular program
 6 p.m.—Lyric Hour
 7 p.m.—Dream Melodies; Agatha Turley, soprano; Sidney Dixon, tenor; Mabel Mohrman, piano
 9 p.m.—Studio program
 10 p.m.—Dance program
 10:30 p.m.—Jack and Jill Dance Band
 11:30 p.m.—Weather and police news

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

7 to 8 a.m.—Musical Clock
 9 to 10 a.m.—Musical gems
 10 to 10:30 a.m.—Charlie Glenn, "Old Songs"
 10:30 to 10:50 a.m.—Dr. Linebarger, health talk
 10:50 to 11 a.m.—News, weather, police reports
 11 to 11:30 a.m.—Peppy Ray Batz
 11:30 to 12:15 p.m.—Semi-classical recordings
 12:15 to 12:30 p.m.—Nearing Sisters and Ramona Saxe
 12:30 to 12:45 p.m.—Nadine Chriss, pianologue
 12:45 to 1 p.m.—Florence Lorraine, ballads
 1 to 1:30 p.m.—Cal King's Country Store
 6 to 6:30 p.m.—Philip Steinmann, violonist;
 Theodore Salmon, pianist
 6:30 to 6:45 p.m.—Edna Barron, on the keys
 6:45 to 7 p.m.—Johnny Oliver's Hawaiian Trio
 7 to 7:15 p.m.—Radio skit, "The Oakleys"
 7:15 to 7:30 p.m.—Johnny Oliver's Hawaiian Trio
 8:30 to 8:45 p.m.—Variety recordings
 8:45 to 9 p.m.—Kelly's Tavern program
 9 to 9:30 p.m.—Read Givens, tenor
 9:30 to 10 p.m.—"Studio Specialties"
 10 to 11 p.m.—Paul Kelli's dance orchestra
 11 to 12 midnight—Variety program
 12 to 1 a.m.—Midnight Classics

322.4 Meters KFWM Channel 93
930 Kcys. 1000 Watts
Oakland Educational Society, Oakland, Cal.

8 to 8:30 a.m.—Popular recordings
 8:30 to 9 a.m.—Helen Jewell, organist
 1:30 to 2:30 p.m.—Recordings
 2:30 to 3 p.m.—Walter McCoy & Luella Cooper
 3 to 3:30 p.m.—Cy Perkins' Kountry Stoar, presenting Amsterdam Orchestra; Vera Endriss, Lois Peeley, Baby Jewell, Ray Hansen, Viola Sanders, vocalists; Evelyn Mathewson, Miranda; Jack Rhoades, Hiram—Cy Perkins himself.
 3:30 to 4 p.m.—The Happy Hayseeds
 4 to 4:30 p.m.—The "Ne'er Do Well"
 4:30 to 5 p.m.—Paul Heinsen and Charlie Biuschke
 5 to 6 p.m.—Harriett Pool, organist; Charlie of the "Squirrels"; Roberta MacRossi, vocalist; Dr. Wade Forrester, vocalist
 7:30 to 8 p.m.—Doc Herrold's Shopping Hour
 8 to 8:30 p.m.—The Musaphilathean under the direction of Prof. Nichols of the Oakland Conservatory of Music

204 Meters KGA Channel 147
1470 Kcys. 5000 Watts
Northwest Radio Serv. Co., Spokane, Wash.

8 a.m.—News and popular music
 9 a.m.—Popular music
 10 a.m.—Friendly Hour
 11 a.m.—Luncheon concert
 12 noon—News and music
 1 p.m.—Gold Seal program
 1:30 p.m.—Musical program
 2 p.m.—Radio matinee
 3 p.m.—Popular concert
 4 p.m.—Gift program
 4:30 p.m.—Tea Hour concert
 5 p.m.—World Bookman
 5:30 p.m.—Homesteaders' Orchestra; Glen Eaton, tenor; Marjorie Robillard, piano
 7 p.m.—Damski's concert orchestra
 8 p.m.—Kalbach's orchestra
 9 p.m.—Damski's Neapolitans; Agatha Turley, soprano; Sidney Dixon, tenor
 10 p.m.—Request program

MONDAY Programs

285.5 Meters
1050 Kcys.

KNX

Channel 105
5000 Watts

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

6:45 to 8 a.m.—“Pep and vigor” exercises
8 to 8:15 a.m.—Record program
8:15 to 8:30 a.m.—Inspirational talk
8:30 to 8:55 a.m.—Courtesy program
9 to 9:30 a.m.—Bundy & Albright program
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier’s message
10:30 to 11 a.m.—Home Economics
11 to 11:15 a.m.—Courtesy program
11:15 to 11:30 a.m.—Madame Marie, beauty talk
11:30 to 12 noon—Maytag “So-A-Tone”
12 to 12:30 p.m.—KNX String Ensemble
12:30 to 12:45 p.m.—Bell Laboratories
12:45 to 1 p.m.—C. P. R.’s program
1:30 to 2 p.m.—Reading interesting books
2 to 2:30 p.m.—Records and announcements
2:30 to 3 p.m.—KNX String Ensemble
3 to 3:30 p.m.—Organ program
3:30 to 3:35 p.m.—Lost and found
3:45 to 4 p.m.—Spanish lessons
4:30 to 5 p.m.—C. P. R.’s musical program
5 to 5:15 p.m.—Travelogue
5:15 to 5:45 p.m.—Ken’s Kiddie Hour
5:45 to 6 p.m.—Timely amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX String Ensemble
7 to 7:30 p.m.—KNX feature artists
7:30 to 8 p.m.—One-act play
8 to 9 p.m.—Luboviski musical trio
9 to 9:30 p.m.—Rio Grande Oil Company
9:30 to 10 p.m.—Bremer-Tully program
10 to 12 midnight—Hotel Ambassador orchestra
12 to 1 a.m.—Dorado Club dance hour

309.1 Meters
970 Kcys.

KOMO

Channel 97
1000 Watts

Fisher’s Blend Station, Inc., Seattle, Wash.

6:55 a.m.—Inspirational services
7 a.m.—Making Merry With Sperry
8 a.m.—Shell Happy Time
9 a.m.—Y. M. C. A. Health Exercises
9:15 a.m.—Organ recital
10:15 a.m.—Agnis Skartvedt and Marye Burns
10:30 a.m.—Woman’s Magazine of the Air, NBC
11:30 a.m.—Soloists and orchestra
12 noon—Farm talk
12:15 p.m.—What to Prepare for Dinner
12:30 p.m.—Grain, fruit and vegetable reports
12:35 p.m.—Orchestra; vocal quartet
2:30 p.m.—Pacific Coast School of the Air
3 p.m.—Tabernacle choir and organ, NBC
3:30 p.m.—Vocal ensemble recital
4 p.m.—Mining stock quotations
4:15 p.m.—Kiddies’ program
4:45 p.m.—Stock, bond and grain quotations
5 p.m.—Artistic ensemble with Fred Lynch
6 p.m.—Edison Recorders, NBC
6:30 p.m.—General Motors Party, NBC
7 p.m.—Stromberg-Carlson concert, NBC
7:30 p.m.—Empire Builders, NBC
8 p.m.—Rudy Seiger’s Shell Symphonists, NBC
8:30 p.m.—Amos ‘n’ Andy, NBC
8:45 p.m.—Ole and the Girls, NBC
9 p.m.—Voice of Firestone, NBC
9:30 p.m.—The Cigar Band, NBC
10 p.m.—Univ. of Wash. Educ. Hour
10:45 p.m.—News flashes
11 p.m.—Laughner-Harris Dance Orchestra
12 to 12:30 a.m.—Organ recital

468.5 Meters
640 Kcys.

KFI

Channel 64
5000 Watts

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7 a.m.—“Making Merry with Sperry”
7:30 a.m.—Opening market quotations
7:45 a.m.—“Making Merry with Sperry”
8 a.m.—Shell Happy Time from KPO
9 a.m.—Sadye Nathan
9:15 a.m.—Sylvia’s Happy Hour
10:30 a.m.—Woman’s Magazine, NBC
11:30 a.m.—“Mental Exercises,” F. Hancock
12 noon—U. S. Dept. of Agriculture talks
12:15 p.m.—Market reports
2:15 p.m.—Winnie Fields Moore, travelogue
2:30 p.m.—California School of the Air
3:30 p.m.—Tea Time tales
3:50 p.m.—Better America Federation
4 p.m.—Bess Kilmier’s Helpful Hints
4:30 p.m.—Big Brother
5 p.m.—Baron Keyes, “The Story Man”
5:45 p.m.—Stock market reports
6 p.m.—Edison program, NBC
6:30 p.m.—General Motors Party, NBC
7 p.m.—Stromberg-Carlson program, NBC
7:30 p.m.—Empire Builders, NBC
8 p.m.—Shell Symphonists, NBC
9 p.m.—Voice of Firestone, NBC
9:30 p.m.—The Cigar Band
10 p.m.—Packard concert orchestra
11 p.m.—KFI news bureau

315.6 Meters
950 Kcys.

KFWB

Channel 95
1000 Watts

Warner Brothers, Hollywood, California

10:30 to 11:30 a.m.—Radio varieties
11:30 to 12 noon—Quintet and soloists
12 to 12:10 p.m.—Cecil and Sally
12:10 to 12:30 p.m.—Quintet and soloists
12:30 to 2 p.m.—Radio varieties
2 to 2:30 p.m.—Art Fabst and his banjo
4 to 6 p.m.—Radio varieties program
6 to 6:30 p.m.—Violet Ray dance orchestra
6:30 to 7 p.m.—Harry Jackson’s entertainers
7 to 7:30 p.m.—Julius K. Johnston, organist
7:30 to 7:45 p.m.—Jean Leonard, pianist
7:45 to 8 p.m.—Jean Cowan, popular songs
8 to 8:30 p.m.—507 Orchestra
8:30 to 10 p.m.—Ice hockey game
10 to 10:30 p.m.—George Olsen’s orchestra
10:30 to 11:30 p.m.—Paul Howard’s Blackbirds
11:30 to 12 midnight—George Olsen’s orchestra

361.2 Meters
830 Kcys.

KOA

Channel 83
12,500 Watts

General Electric Co., Denver, Colorado

6 to 6:30 p.m.—Edison program
6:30 to 7 p.m.—General Motors’ Party
7 to 7:30 p.m.—Stromberg-Carlson
7:30 to 8 p.m.—Empire Builders
8 to 8:30 p.m.—Supreme Serenaders
8:30 to 8:45 p.m.—Amos ‘n’ Andy
8:45 to 9 p.m.—Novelty Boys
9 to 9:30 p.m.—Voice of Firestone
9:30 to 10 p.m.—KOA string trio
10 to 10:30 p.m.—Through My Fireplace
10:30 to 11 p.m.—The Music Box

299.8 Meters
1000 Kcys.

KFVD

Channel 100
250 Watts

Auburn Fuller, Culver City, Calif.

4:45 p.m.—Timely topics
8:45 p.m.—Tom and Wash
9 p.m.—Gilmore Side Show
9:30 p.m.—Happy-Go-Lucky Trio
11 p.m.—Sebastian’s Cotton Club Orchestra
11:30 p.m.—Coffee Dan’s
12 midnight—Sebastian’s Cotton Club Orchestra

MONDAY Programs

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

Louis Wasmer, Inc., Spokane, Washington

6:45 to 7 p.m.—Inspirational service
 7 to 8 a.m.—Making Merry with Sperry
 8 to 9 a.m.—Shell Happy Time, KPO
 9 to 10:30 a.m.—"With the Music Masters"
 10:30 to 11:30 a.m.—Magazine of the Air, NBC
 11:30 to 12 noon—Winifred Rhoades, organist
 12 to 12:15 p.m.—Nat'l Sav. luncheon program
 12:15 to 12:30 p.m.—Brick Bats and Bouquets
 12:30 to 1 p.m.—Gold Seal program
 1 to 1:30 p.m.—"Down Memory Lane"
 1:30 to 1:45 p.m.—Studio doings
 1:45 to 2 p.m.—Fur Facts
 2 to 2:30 p.m.—"With the Classics"
 2:30 to 3 p.m.—School of the Air, NBC
 3 to 3:30 p.m.—Album symphonies
 3:30 to 4 p.m.—"Paint o' Mine" period
 4 to 5 p.m.—Happy Harmonies
 5 to 5:30 p.m.—Matched Units Hour
 5:30 to 6 p.m.—Hits and Bits
 6 to 6:30 p.m.—Edison Recorders, NBC
 6:30 to 7 p.m.—Gen. Motors Party, NBC
 7 to 7:30 p.m.—Stromberg-Carlson, NBC
 7:30 to 8 p.m.—Empire Builders, NBC
 8 to 8:30 p.m.—Seiger's Shell Symphonists, NBC
 8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
 8:45 to 9 p.m.—Ole and the Girls, NBC
 9 to 9:30 p.m.—Voice of Firestone, NBC
 9:30 to 10 p.m.—The Cigar Band, NBC
 10 to 10:30 p.m.—Brunswick Breviews
 10:30 to 11 p.m.—Bridge lessons
 11 to 12 midnight—Just Another Hour

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

Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.—Recordings
 7:30 to 7:40 a.m.—Stock exchange reports
 7:40 to 8 a.m.—Recordings
 8 to 8:15 a.m.—Love Birds, CBS
 8:15 to 8:30 a.m.—Ben and Helen, CBS
 8:30 to 8:45 a.m.—Children's Corner, CBS
 8:45 to 9:15 a.m.—Recordings
 9:15 to 9:30 a.m.—Columbia Revue, CBS
 9:30 to 10:30 a.m.—Feminine Fancies, KFRC
 10:30 to 11 a.m.—Times Forum
 11 to 11:30 a.m.—Agnes White, "At Our House"
 11:30 to 12 noon—Recordings
 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.—Organ recital
 1:30 to 2 p.m.—Charlie Wellman
 2 to 3:15 p.m.—Recordings
 3:15 to 3:30 p.m.—Madame Till, psycho-analyst
 3:30 to 3:45 p.m.—M. Murray, Home Problems
 3:45 to 4 p.m.—E. Allman, "This and That"
 4 to 4:20 p.m.—Recordings
 4:20 to 4:30 p.m.—World-wide news
 4:30 to 5 p.m.—Purity Baking Company
 5 to 5:30 p.m.—Sunset Ensemble
 5:30 to 6 p.m.—Dance band
 6 to 6:30 p.m.—Organ recital and singer
 6:30 to 7 p.m.—Chas. Hamp
 7 to 7:30 p.m.—Inglewood Park concert
 7:30 to 8 p.m.—Orchestra and singers
 8 to 10 p.m.—Jamboree, Golden State Milk Products Corp., KFRC
 10 to 10:05 p.m.—World-wide news
 10:05 to 11 p.m.—Anson Weeks' dance orchestra
 11 to 12 midnight—Biltmore Hotel dance orch.
 12 to 1 a.m.—Wesley Tourtellotte's organ recital

How to Reach the Broadcasters by Telephone

	Day and Night Phones
NBC.....	Sutter 1920
KELW.....	Burbank 1601-02; Gr. 3192
KEX.....	Atwater 3111-3112
KFBK.....	Main 8700
KFBL.....	Main 526
KFCR.....	Day 6230; Night 3118-6230
KFEC.....	Broadway 4411
KFI.....	Day Westmore 0331; Night 0337
KFJI.....	Day 450-525; Night 450
KFJR.....	Broadway 2468
KFOX.....	672-81
KFPY.....	Main 1216-17-18-19
KFQU.....	Los Gatos 458J
KFQW.....	Elliott 6675
KFQZ.....	West 3001-02-03-04
KFRD.....	Prospect 0100
KFSD.....	Franklin 6353
KFSG.....	Fitz 5121
KFVD.....	Santa Monica 77115
KFWB.....	Glad. 9461-2; 2711
KFWC.....	Pomona 1147
KFWI.....	Market 1140-1141
KFWM.....	Glencourt 6774
KGA.....	Main 3434
KGB.....	Franklin 6151-6153
KGDM.....	794-795
KGEF.....	Westmore 8887
KGEN.....	1100
KGER.....	632-75
KGFH.....	Douglas 3326
KGFJ.....	Westmore 7777-7778
KGO.....	Sutter 1920
KGW.....	Atwater 2121
KGY.....	Olympia 1174J
KHI.....	Trinidad 8411
KHQ.....	Main 5383
KJBS.....	Ordway 4148
KJR.....	Day, Main 2495; Night, Main 2475
KKP.....	Elliott 1881
KLS.....	Lakeside 6223
KLX.....	Day, Lakeside 6000; Night, Lakeside 6015
KMED.....	Day, 305; Night, 305J-2
KMIC.....	Thorn. 1121; York 8545; Inglewood 1897
KMJ.....	Day, Fresno 3-5221; Night, 2-8817
KMO.....	Ma. 4144
KMTR.....	Ho. 3026
KNX.....	Hemp. 4101
KOAC.....	620
KOIN.....	Day, At. 4151; Night, 5262
KOL.....	Elliott 4466
KOMO.....	Elliott 5890
KPCB.....	Ma. 7997
KPLA.....	Trinity 3202
KPO.....	Kearny 0704
KPPC.....	Terrace 1163
KPQ.....	Day, El. 1433; Night, Sa. 7809
KPSN.....	Wakefield 3111
KQW.....	Columbia 777
KRSC.....	Main 5494
KTAB.....	Garfield 4700
KTBI.....	Metropolitan 6701
KTBR.....	Beacon 7000; Lancaster 1700
KTM.....	Dunkirk 5154-5194
KUJ.....	352-J
KVI.....	Day, Main 1530; Night, 3960
KVL.....	Elliott 1881
KVOS.....	Day, 1627; Night, 1366-1627
KWG.....	580; 581
KWTC.....	1896
KXA.....	Elliott 1634
KXL.....	Beacon 0456; Broadway 3484
KXRO.....	Aberdeen 4093-4099
KYA.....	Prospect 3456

**ATWATER KENT
RADIO**

DX PRIZE CONTEST

It is time to be listing your stations for the valuable prizes and trophies offered in the Atwater Kent Model 60 Radio Log Contest.

See any Atwater Kent Retailer for entry cards. Prizes are fine watches, trophy cups, desk sets and so forth, and will be well worth winning.

Your nearest dealer has a log card ready for you.



ERNEST INGOLD, INC.
930 Van Ness Avenue San Francisco

Great Philcos in 1929



A voice full of personality, such as that of Maurice Chevalier, as heard on a radio whose units are only in approximate balance will reproduce only a blurred, distorted approximation, as pictured at the left. Tune in with the new Philco and enjoy the wonderfully true, clear tone which Philco achieves in every set by a super-exact balancing of all units.



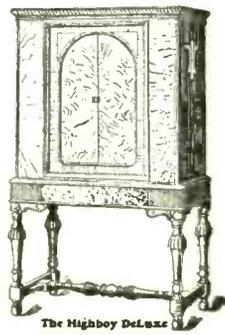
The Highboy

From \$149.50 to \$179.50



The Lowboy

From \$129.50 to \$159.50



The Highboy Deluxe

From \$205.00 to \$235.00

SCREEN-GRID

In a Choice of Three Chassis

SCREEN-GRID-PLUS

NEUTRODYNE-PLUS

made possible these still greater Philcos for 1930

Applying the balanced-unit principle to two marvelously advanced new Screen Grid Radios, Philco offers greater selectivity, longer distance and even truer, clearer tone. New Standards of value!

Now, for 1930, we offer two amazing new sets. If you have heard the 1929 Philco Screen Grid, you may wonder how its sensational performance could be improved upon, but it is surpassed in these 1930 Philcos.

NEW Screen-Grid-Plus

A nine-tube Screen Grid Plus with built-in aerial and automatic volume control; clear, flawless tone and the very maximum of power. A radio for people whose needs are unusual, or the many "fans" who want super-performance.

NEW 7-Tube Screen-Grid

A new and most remarkable Screen Grid Radio—giving a quality of performance in tone, power, distance and selectivity excelled only by Philco's super set—the Screen Grid PLUS.

Popular Neutrodyne-Plus

For people who want a beautiful but moderately priced receiver with built-in aerial, this famous eight-tube set is available. And in addition it is offered in the small Console cabinet at a most attractive price.

CONSOLE



A new, compact cabinet with genuine butt walnut and bird's-eye maple panels.

With Screen Grid Chassis.....\$119.50

(Available also with the famous Neutrodyne-Plus 8-tube chassis including BUILT-IN AERIAL.)

All Prices Less Tubes

TUNE IN ON THE PHILCO HOUR THURSDAY EVENINGS

7 o'clock Pacific Standard Time

COLUMBIA BROADCASTING SYSTEM
A Transcontinental Broadcast

KFRC—KMJ—KHJ—KOIN—KVI—KFPY

PHILCO

REG. U.S. PAT. OFF.

BALANCED UNIT RADIO

Pacific Coast Branches

SAN FRANCISCO

LOS ANGELES

PORTLAND

SEATTLE

And Now You Can Have Your Choice of

MOTION PICTURE MAGAZINE for one year

or

MOTION PICTURE CLASSIC for one year

with

BROADCAST WEEKLY

for one year

FOR *only* \$3.25

(Canada \$3.75)

AND

as a free gift to you—

24 sepia finished pictures of popular movie stars, size 5½ x 8 inches each

If you are a present subscriber to either magazine you can take advantage of this offer and have your subscription extended for one year.

MAIL COUPON NOW

BROADCAST WEEKLY PUB. CO.
726 Pacific Bldg., San Francisco, Calif.
Gentlemen:

I enclose herewith \$3.25 for which you will send me *Broadcast Weekly* and *Motion Picture Magazine* , or *Motion Picture Classic* for one year and the 24 sepia finished pictures.

Name _____

Address _____

City _____ State _____

I am now a subscriber to: *Broadcast Weekly*
Motion Picture Magazine
Motion Picture Classic

TUESDAY Programs

NBC

National Broadcasting Company

9:45 to 10 a.m.—Betty Crocker Gold Medal Home Service Talks

Miss Crocker, an authority on foods and their preparation, will be broadcast through the following stations: KGO, KHQ, KOMO, KGW and KFI.

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

With Valentine Day in the offing, Ann Holden will describe a tempting salad for the holiday party. “Brightening a North Room” is Helen Webster's topic for the Lady Pepperell Feature which follows. Bennie Walker will conduct the program and musical selections are scheduled as interpolations.

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

1:30 to 2 p.m.—Pacific Coast School of the Air
Broadcast through KGO, KHQ, KOMO, KGW and KPO.

2 to 3 p.m.—Matinee Time, KGO, KOMO and KGW.

4 to 4:30 p.m.—Voters' Service
Broadcast through KGO, KHQ, KOMO and KGW.

5:30 to 6 p.m.—“Around the World with Libby”
Music typical of Spain will be played by an orchestra and sung by a quartet. No Spanish program would be complete without something from “Carmen.” The stirring “Procession of the Toreadors” from the Bizet opera will open the half-hour.

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

6 to 6:30 p.m.—Eveready Hour
Broadcast from New York City, an Eveready Hour presentation will be heard through KGO, KHQ, KOMO, KGW and KFI.

6:30 to 7 p.m.—Happy Wonder Bakers
Frank Luther, tenor, a vocal trio and an orchestra conducted by Frank Black will step before a microphone to broadcast through KGO, KHQ, KOMO, KGW and KECA.

7 to 7:30 p.m.—Harbor Lights
Harbor Lights will beckon to NBC System listeners as another sea adventure is recounted by the old skipper, Cap'n Jimmy Norton. Burr C. Cook is the author of these dramatic “yarns” which the skipper tells to his young friend Joe. Throughout the dialogue the sounds of harbor activities are heard in the background, creating an authentic atmosphere for the tale.

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

7:30 to 8:30 p.m.—Radio-Keith-Orpheum Hour
This program will come on the air from the New York studios of the National Broadcasting Company and will be available to western dialers through stations KGO, KHQ, KOMO, KGW and KFI.

8:30 to 8:45 p.m.—Amos 'n' Andy
Broadcast through KGO, KOMO, KGW, KHQ and KECA.

8:45 to 9 p.m.—John and Ned
“Little Mary” will be the center of interest during a portion of the 15-minute program of music and mirth broadcast through KGO, KHQ, KOMO, KGW and KECA.

9 to 10 p.m.—Concert Album
As Charles Hart turns the leaves of the Concert Album tonight, the radio audience

will hear a classical program featuring an orchestra under Hart's direction and Marian Gilbert, contralto.

Broadcast through KGO.
10 to 11 p.m.—Spotlight Review
The spotlight will shine brightly this evening on a galaxy of well-known artists of the NBC System staff. Outstanding artists in the field of classic and popular music and the drama contribute to this presentation, which will be available to listeners through KGO, KHQ and KECA.
11 to 12 midnight—Laughner-Harris Hotel St. Frances Dance Orchestra, KGO and KOMO

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

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7:30 a.m.—Opening market quotations
7:45 a.m.—Gertrude Gusselle, ballads
8 a.m.—Shell Happy Time from KPO
9 a.m.—Bess Kilmer's Hints to Housewives
9:45 a.m.—“Betty Crocker,” NBC
10 a.m.—Sylvia & Al
10:30 a.m.—Woman's Magazine, NBC
11:30 a.m.—Spanish lesson by Annette Doherty
11:45 a.m.—English lesson by Annette Doherty
12 noon—U. S. Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
2:15 p.m.—Winnie Fields Moore, travelogue
2:30 p.m.—Hall's Chinese Cafe Orchestra
3:45 p.m.—Wedgewood Nowell, “Playgoers Club”
4:15 p.m.—“Human Nature,” Dr. Miller
4:30 p.m.—Big Brother
5 p.m.—Baron Keyes, “The Story Man”
5:45 p.m.—Stock market reports
6 p.m.—Eveready Hour, NBC
7:30 p.m.—RKO Hour, NBC
9:30 p.m.—Song recital by Virginia Flohri and Robert Hurd
11 p.m.—KFI news bureau

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

General Electric Co., Denver, Colorado
5 to 5:30 p.m.—Farm question box
5:30 to 6 p.m.—Libby program
6 to 6:30 p.m.—Eveready Hour
6:30 to 7 p.m.—Continental Bakers
7 to 7:30 p.m.—Harbor Lights, NBC
7:30 to 8:30 p.m.—Radio-Keith-Orpheum Hour
8:30 to 8:45 p.m.—Amos 'n' Andy
8:45 to 9:45 p.m.—Denver concert orchestra and General Electric male quartet
9:45 to 10 p.m.—Lucile Fowler, contralto
10 to 11 p.m.—Spotlight Review

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

Warner Brothers, Hollywood, California
8 to 8:30 a.m.—Betty Silberman, organist
8:30 to 10 a.m.—Radio varieties
10 to 10:30 a.m.—Betty Silberman, organist
10:30 to 11:30 a.m.—Radio Varieties
11:30 to 12 noon—Quintet and soloists
12 to 12:10 p.m.—“Cecil and Sally”
12:10 to 12:30 p.m.—Quintet and soloists
12:30 to 2 p.m.—Radio varieties
4 to 6 p.m.—Radio varieties
6 to 6:30 p.m.—Violet Ray dance orchestra
6:30 to 7 p.m.—Harry Jackson's entertainers
7 to 7:30 p.m.—Emma Kimmel, soprano; Ray Martinez' Ensemble
7:30 to 8 p.m.—Murphy Players
8 to 8:30 p.m.—String quintet and Buster Dees
8:30 to 9 p.m.—Bridge by radio
9 to 9:30 p.m.—Edgeworth Plantation Club
9:30 to 10:30 p.m.—Olympic Auditorium bout
10:30 to 11:30 p.m.—Paul Howard's Blackbirds

TUESDAY Programs

440.9 Meters Channel 68
680 Kcys. KPO 5000 Watts

Hale Bros. & The Chronicle, San Francisco
 7 to 8 a.m.—Health exercises by Hugh Barrett
 Dobbs and William H. Hancock
 8 to 9 a.m.—The Shell Happy Time by Hugh
 Barrett Dobbs and William H. Hancock
 9:30 to 10 a.m.—Dobbsie's daily chat
 10 to 10:30 a.m.—Merton Bories, pianist; Urban
 Hartman, tenor, and Harvey Orr, baritone
 10:30 to 11:30 a.m.—Magazine of the Air, NBC
 11:30 to 11:45 a.m.—William Gavin, entertainer
 11:45 to 12:05 p.m.—Time, Scripture, weather
 12:05 to 1 p.m.—KPO Salon Orchestra
 1 to 1:30 p.m.—Knickerbocker Piano Duo and
 Aida Cavilli, comedienne
 1:30 to 2 p.m.—Paul Pitman's school broadcast
 2 to 2:10 p.m.—Stock reports
 2:10 to 3 p.m.—Aeolian Trio
 3 to 4 p.m.—The Toreadors
 4 to 4:30 p.m.—Bridge lesson
 4:30 to 4:50 p.m.—Theodore Strong, organist,
 with Elbert Bellows, tenor
 4:50 to 5 p.m.—Stock market quotations
 5 to 5:50 p.m.—Children's Hour
 5:50 to 6 p.m.—News digest, "Scotty" Mortland
 6 to 7 p.m.—Reo Masters of Music
 7 to 8 p.m.—North Americans
 8 to 8:30 p.m.—The Sequoians with Mildred
 Bailey, pianist
 8:30 to 9 p.m.—Packard program, KPO & KFI
 9 to 9:10 p.m.—Cecil and Sally
 9:10 to 10 p.m.—Musical Capers
 10 to 10:30 p.m.—The Sparklers, with Helen
 Stone, blue singer
 10:30 to 11 p.m.—Theodore Strong, organist,
 with Elmer Herling, baritone
 11 to 12 p.m.—Jess Norman's San Franciscans

333.1 Meters Channel 90
900 Kcys. KHJ 1000 Watts

Don Lee, Inc., Los Angeles, California
 7 to 8 a.m.—Recordings; stocks
 8 to 8:30 a.m.—Party House, CBS
 8:30 to 8:45 a.m.—Three Men in a Tub, CBS
 8:45 to 9 a.m.—Pot of Gold, CBS
 9 to 9:30 a.m.—Columbia Revue, CBS
 9:30 to 10:30 a.m.—Feminine Fancies, KFRC
 10:30 to 11 a.m.—Times Forum
 11 to 11:30 a.m.—Chas. Hamp
 11:30 to 11:45 a.m.—A. White, "At Our House"
 12 to 12:30 p.m.—Biltmore concert orchestra
 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
 2 to 3 p.m.—Recordings
 3 to 3:15 p.m.—Western Air Express, talk
 3:15 to 3:30 p.m.—Safety conference, talk
 3:30 to 3:45 p.m.—Midnight Mission, talk
 3:45 to 4 p.m.—U. S. C. "Trojan" period
 4 to 4:50 p.m.—Matinee Melody Masters
 4:50 to 5 p.m.—World-wide news
 5 to 5:30 p.m.—Dance band
 5:30 to 6 p.m.—Organ recital with singer
 6 to 7 p.m.—Paul Whiteman and orchestra
 7 to 7:30 p.m.—Graybar Electric program, "Joe
 and Vi," CBS
 7:30 to 8 p.m.—Murphy Motors program
 8 to 9 p.m.—Pacific States concert
 9 to 9:30 p.m.—Merrick's Melodies, KFRC
 9:30 to 10 p.m.—Capt. Adams, KFRC
 10 to 10:05 p.m.—World-wide news
 10:05 to 12 midnight—Biltmore Hotel dance orch
 12 to 1 a.m.—Wesley Tourtellotte's organ recital

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

7 to 8 a.m.—Exercises and entertainment
 7:35 a.m.—Opening N. Y. stocks
 8 to 9 a.m.—Jean Kent
 9 to 9:30 a.m.—Modern Homes period
 9:30 to 10:15 a.m.—Records
 10:15 to 10:30 a.m.—S. F. stocks; weather
 10:30 to 11 a.m.—Recordings
 11 to 12 noon—Classified adv. hour
 12 to 1 p.m.—Machado's KLX Hawaiians
 1 to 2 p.m.—Jean's Hi-Lights
 2 to 2:55 p.m.—Recordings
 2:55 to 3 p.m.—Closing S. F. stocks
 3 to 3:30 p.m.—The melody man
 3:30 to 4:30 p.m.—Records
 4:30 to 5 p.m.—Chas. T. Besserer, organist
 5 to 5:30 p.m.—Brother Bob's Club
 5:30 to 6 p.m.—Edgar Russell
 6 to 7 p.m.—Hotel Oakland concert trio
 7 to 7:30 p.m.—News items
 7:30 to 8 p.m.—Ethel Rhinard and Cora Scott
 8 to 9 p.m.—Studio program
 9 to 10 p.m.—Helen Wegman Parmelee, pianist;
 Nerino Turchet, accordionist; Muriel Schar-
 rable, soprano
 10 to 11 p.m.—Fleur-de-Lis dance orchestra
 11 to 12 midnight—Dance records

285.5 Meters Channel 105
1050 Kcys. KNX 5000 Watts

L. A. Evening Express, Los Angeles, Calif.
 6:45 to 8 a.m.—"Pep and vigor" exercises
 8 to 8:15 a.m.—Record program
 8:15 to 8:30 a.m.—Inspirational talk
 8:30 to 8:55 a.m.—Courtesy program
 9 to 9:30 a.m.—Georgia O. George
 9:30 to 10 a.m.—Radio shopping news
 10 to 10:30 a.m.—Town Crier's message
 10:30 to 11 a.m.—Home Economics
 11 to 12 noon—Forrest Stove Works presenting
 Country Jane
 12 to 12:30 p.m.—KNX String Ensemble
 1:30 to 2 p.m.—Reading interesting books
 2 to 2:30 p.m.—Records and announcements
 2:30 to 3:30 p.m.—L. A. Firemen's Orchestra
 3:30 to 4 p.m.—Organ program
 4 to 4:30 p.m.—Courtesy program
 4:30 to 5 p.m.—C. P. R.'s musical program
 5 to 5:15 p.m.—Travelogue
 5:15 to 5:45 p.m.—Ken's Kiddie Hour
 5:45 to 6 p.m.—Timely amusement tips
 6 to 6:30 p.m.—Organ program
 6:30 to 7 p.m.—KNX String Ensemble
 7 to 7:30 p.m.—Talk on "Popular Science"
 7:30 to 8 p.m.—Recording program
 8 to 9 p.m.—Tom and his mule Hercules
 9 to 9:30 p.m.—American Maize program
 10 to 12 midnight—Hotel Ambassador orchestra
 12 to 1 a.m.—Dorado Club dance hour

204 Meters Channel 147
1470 Kcys. KGA 5000 Watts

Northwest Radio Serv. Co., Spokane, Wash.
 1 p.m.—Master musicale
 1:30 p.m.—Concert classique
 2 p.m.—Popular melange
 3:30 p.m.—Tea Hour concert
 4 p.m.—Gift program
 5 p.m.—World Bookman and music
 5:30 p.m.—Dinner Hour
 6 p.m.—Melody Aces
 7 p.m.—Damski's musical comedies
 8 p.m.—Ensemble; Dwight Heter, baritone
 9 p.m.—Orpheus Quintet; soloists
 10 p.m.—Request program

TUESDAY Programs

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

Don Lee, Inc., San Francisco, Calif.
7 to 7:30 a.m.—Seal Rocks broadcast
7:30 to 8 a.m.—Bill Wright, "The Laughfinder"
8 to 8:15 a.m.—R. S. V. P., CBS
8:15 to 8:30 a.m.—Pot of Gold, CBS
8:30 to 8:45 a.m.—"Home Products"
8:45 to 9 a.m.—Mr. Fixit, CBS
9 to 9:30 a.m.—Columbia Revue, CBS
9:30 to 10:30 a.m.—Feminine Fancies, DLBS
10:30 to 11 a.m.—Wyn's daily chats
11 to 11:30 a.m.—Charles W. Hamp for S. & W.
11:30 to 12 noon—Amer. School of the Air, CBS
12 to 1 p.m.—Sherman & Clay noonday concert
1 to 2 p.m.—U. S. Army Band, CBS
2 to 3 p.m.—Happy-Go-Lucky Hour
3 to 3:15 p.m.—Beauty talks
3:15 to 3:30 p.m.—Recordings
3:30 to 4 p.m.—Educational period
4 to 4:30 p.m.—Garden talks
4:30 to 4:50 p.m.—Matinee Melody Masters
4:50 to 5 p.m.—Recordings and town topics
5 to 5:30 p.m.—Hank Howe, DLBS
5:30 to 6 p.m.—Edna Fischer, pianist
6 to 7 p.m.—Old Gold Orchestra, CBS
7 to 7:30 p.m.—Joe and Vi, CBS
7:30 to 8 p.m.—Remar Twins
8 to 9 p.m.—Pacific States Savings program
9 to 9:30 p.m.—Mahlon Merrick's Modern Melodists, DLBS
9:30 to 10 p.m.—Captain Adams program
10 to 10:10 p.m.—"Frank Watanabe"
10:10 to 11:10 p.m.—Val Valente's orchestra, featuring Edna Fischer and Fred Brown, soloists
11:10 to 12 midnight—Val Valente's orchestra; Jean Wakefield, soloist
12 to 1 a.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.—Peppy morning varieties
7:30 to 8 a.m.—Headliners
8 to 9 a.m.—Shell Happy Time
9 to 9:45 a.m.—"With the Masters"
9:45 to 10 a.m.—Gold Medal talks, NBC
10 to 10:30 a.m.—Home Service Hour
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 12 noon—Winifred Rhoades, organist
12 to 1 p.m.—Chamber of Commerce luncheon
1 to 1:15 p.m.—"Down Memory Lane"
1:15 to 1:30 p.m.—Fur Facts
1:30 to 2 p.m.—School of the Air, NBC
2 to 3 p.m.—Gems from Sartori
3 to 3:30 p.m.—Album symphonies
3:30 to 4 p.m.—"Paint o' Mine" period
4 to 4:30 p.m.—Voters' Service
4:30 to 5 p.m.—Happy Harmonies
5 to 5:30 p.m.—Matched Unit Hour
5:30 to 6 p.m.—Around the World with Libby
6 to 6:30 p.m.—Eveready Hour, NBC
6:30 to 7 p.m.—Happy Wonder Bakers, NBC
7 to 7:30 p.m.—Harbor Lights, NBC
7:30 to 8:30 p.m.—RKO program, NBC
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
8:45 to 9 p.m.—John and Ned, NBC
9 to 9:30 p.m.—Sparkling melodies
9:30 to 9:45 p.m.—Little Buster
9:45 to 10 p.m.—Sport News
10 to 11 p.m.—Spotlight review, NBC
11 to 12 midnight—Just Another Hour

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

8 to 9 a.m.—Reveille
9 to 9:30 a.m.—Meet the Folks
9:30 to 9:45 a.m.—John D. Barry
9:45 to 10 a.m.—Betty Crocker Gold Medal talk
10 to 10:30 a.m.—Sunshine Rays
10:30 to 11:30 a.m.—Magazine of the Air
11:30 to 12 noon—Philharmonic organ
12 to 1 p.m.—Novelty Five
1 to 1:30 p.m.—Songland
1:30 to 2 p.m.—School of the Air
2 to 3 p.m.—Matinee Time
3 to 4 p.m.—Musical Musketeers
4 to 4:30 p.m.—Voters' Service
4:30 to 5:15 p.m.—Hotel St. Francis Salon Orch.
5:15 to 5:30 p.m.—News service
5:30 to 6 p.m.—Around the World with Libby
6 to 6:30 p.m.—Eveready Hour
6:30 to 7 p.m.—Happy Wonder Bakers
7 to 7:30 p.m.—Harbor Lights
7:30 to 8:30 p.m.—RKO Hour
8:30 to 8:45 p.m.—Amos 'n' Andy
8:45 to 9 p.m.—John and Ned
9 to 10 p.m.—Concert Album
10 to 11 p.m.—Spotlight Review
11 to 12 midnight—Laughner-Harris Dance Orchestra

265.3 Meters **KSL** Channel 113
1130 Kcys. **5000 Watts**
Radio Service Corp., Salt Lake City, Utah
5 p.m.—Instrumental and vocal program
5:30 p.m.—"Around the World with Libby," NBC
6 p.m.—Eveready Hour, NBC
7:30 p.m.—Radio-Keith-Orpheum, NBC
8:30 p.m.—Amos 'n' Andy, NBC
8:45 p.m.—Utah instrumental quartet
9 p.m.—Mixed quartet and instrumentalists
9:30 p.m.—Brunswick Brevities
10 p.m.—Claude Kiff's Tavern dance band
11 to 12 midnight—Request Hour

254.1 Meters **KEX** Channel 118
1180 Kcys. **5000 Watts**
Western Broadcasting Co., Portland, Ore.

4 p.m.—Classical program
5 p.m.—Popular program
6 p.m.—Studio program
8:30 p.m.—Troubles of Thomas
8:45 p.m.—Novelty program
9 p.m.—Studio program
10 p.m.—Dance program
10:30 p.m.—Jack and Jill Dance Band
11:30 p.m.—Weather and police news

280.2 Meters **KJBS** Channel 107
1070 Kcys. **100 Watts**
J. Brunton & Sons, San Francisco, Calif.

6:45 to 8 a.m.—Alarm Klock Klub
8 to 10 a.m.—Recordings
10 to 10:30 a.m.—Tales of the Sea
10:30 to 10:45 a.m.—Popular records
10:45 to 11 a.m.—Dr. Wiseman, health talk
11 to 11:30 a.m.—Record varieties
11:30 to 12 noon—Maude E. White, soprano
12 to 12:30 p.m.—Stocks; recordings
12:30 to 1 p.m.—Al Kelli and Ernie Lohrman
1 to 2 p.m.—Records
2 to 2:30 p.m.—Dell Raymond and Oscar Young
2:30 to 3 p.m.—Popular records
3 to 3:30 p.m.—Jackson Bell program
3:30 to 4:30 p.m.—Records; Shirley Dale
4:30 to 5 p.m.—Barnes Sunset Revue
5 to 5:30 p.m.—Popular recordings

TUESDAY Programs

309.1 Meters **KOMO** **Channel 97**
970 Kcys. **1000 Watts**
Fisher's Blend Station, Inc., Seattle, Wash.

7:55 a.m.—Inspirational services
 8 a.m.—Shell Happy Time
 9 a.m.—Y. M. C. A. Health Exercises
 9:15 a.m.—Concert trio; Donald Gray, baritone
 9:45 a.m.—Betty Crocker's Home Talk, NBC
 10 a.m.—Orchestra; Perdin Korsmo, tenor
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 a.m.—Orchestra; Agnes Skartvedt, soloist
 12 noon—Farm Talk
 12:15 p.m.—What to Prepare for Dinner
 12:30 p.m.—Grain, fruit and vegetable reports
 12:35 p.m.—Orchestra; Fred Lynch, tenor
 1:30 p.m.—School of the Air, NBC
 2 p.m.—Matinee Time, NBC
 3 p.m.—Artistic Ensemble; Marye Burns, soloist
 3:45 p.m.—Mining stock quotations
 4 p.m.—Voters' Service, NBC
 4:30 p.m.—Kiddies' program
 5 p.m.—Stock, bond and grain quotations
 5:15 p.m.—Studio program
 5:30 p.m.—Around the World with Libby, NBC
 6 p.m.—Eveready Hour, NBC
 6:30 p.m.—Happy Wonder Bakers
 7 p.m.—Harbor Lights, NBC
 7:30 p.m.—Radio-Keith-Orpheum, NBC
 8:30 p.m.—Amos 'n' Andy, NBC
 8:45 p.m.—Union Oil Co. program, NBC
 9 p.m.—American Maize program
 9:30 p.m.—Brunswick Brevities
 10 p.m.—Gold Shield Little Symphony Hour
 11 p.m.—News flashes
 11:15 p.m.—Laughner-Harris Dance Orchestra
 12 to 12:30 a.m.—Organ recital

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

7:15 to 7:45 a.m.—Y. M. C. A. health exercises
 7:45 to 8 a.m.—Devotional services
 8 to 9 a.m.—Portland Breakfast Club
 9 to 9:10 a.m.—News
 9:10 to 9:30 a.m.—Oregonian Cooking School
 9:30 to 9:45 a.m.—The Town Crier
 9:45 to 10 a.m.—"Betty Crocker"
 10 to 10:30 a.m.—Town Crier
 10:30 to 11:30 a.m.—"Woman's Magazine," NBC
 11:30 to 11:45 a.m.—Fels Naptha program
 11:45 to 12 noon—Records
 12 to 12:30 p.m.—Powers' Pied Piper
 12:30 to 1 p.m.—Organ recital
 1 to 1:15 p.m.—U. S. market report
 1:15 to 1:30 p.m.—Musical entertainment
 1:30 to 2 p.m.—School of the Air, NBC
 2 to 3 p.m.—Matinee time, NBC
 3 to 4 p.m.—Musical Master Works
 4 to 4:30 p.m.—Voters' Service
 4:30 to 5 p.m.—Service Hour
 5 to 5:30 p.m.—Stewart Warner
 5:30 to 6 p.m.—Around the World with Libby
 6 to 6:30 p.m.—Eveready Hour, NBC
 6:30 to 7 p.m.—Happy Wonder Bakers, NBC
 7 to 7:30 p.m.—Harbor Lights, NBC
 7:30 to 8:30 p.m.—Radio-Keith-Orpheum, NBC
 8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
 8:45 to 9 p.m.—John and Ned, NBC
 9 to 9:30 p.m.—American Maize Products
 9:30 to 10 p.m.—Franz Doughboys
 10 to 10:10 p.m.—Cecll and Sally
 10:10 to 11 p.m.—Gold Shield concert
 11 to 12 midnight—Dance band

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **1000 Watts**
Oakland Educational Society, Oakland, Cal.

5 to 7 a.m.—Watchman's Bedtime program
 8 to 8:30 a.m.—Popular recordings
 8:30 to 9 a.m.—Dr. Wade Forrester
 11 to 12 noon—Cy Perkins Kountry Stoar
 1:30 to 2 p.m.—United Grocers' program
 2 to 2:30 p.m.—Beth and Mildred, duets
 2:30 to 3 p.m.—avid Wolmer, violinist; Harriett Pool, organist
 3 to 3:30 p.m.—Cy Perkins' Kountry Stoar; Lois Feeley, vocalist; Ray Hansen, vocalist; Evelyn Mathewson, Miranda; Cy Perkins himself
 3:30 to 4 p.m.—The Happy Hayseeds; Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, "yodeling cowboy"
 4 to 4:15 p.m.—Detective story by Tom King
 4:15 to 4:30 p.m.—Louie Margie
 4:30 to 5 p.m.—Walter McCoy & Luella Cooper
 5 to 6 p.m.—Dr. W. Forrester's Hour
 7:30 to 8 p.m.—Doc Herrold's Shopping Hour
 8 to 9 p.m.—Bible trilogy; music
 9 to 10 p.m.—The Campfire program
 10 to 10:05 p.m.—Union Mutual Life program
 10:05 to 11 p.m.—Andy Wallace Dance Orchestra

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

7 to 8 a.m.—Health exercises
 9 to 9:30 a.m.—Cal King's Country Store
 9:30 to 10 a.m.—Recordings and announcements
 10 to 10:30 a.m.—Charlie Glenn, "Old Songs"
 10:30 to 10:50 a.m.—Dr. Linebarger, health talk
 10:50 to 11 a.m.—News, weather, police reports
 12 to 1 p.m.—Dance music
 1 to 1:30 p.m.—Cal King's Country Store
 6 to 6:45 p.m.—Zay Bevtitt, piano instruction
 6:45 to 7 p.m.—Herbert Maas, boy baritone; Margaret Ross, accompanist
 7 to 7:15 p.m.—Recordings
 7:15 to 7:30 p.m.—Banjo Boys, Henry and Tom
 11 to 12 midnight—New Shanghai Orchestra
 12 to 1 a.m.—Midnight Classics

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

12:30 to 1 p.m.—Market reports, weather
 1 to 1:30 p.m.—Hart's Happy Half Hour
 1:30 to 2:30 p.m.—The Friendly Hour
 2:30 to 3:30 p.m.—Musical program
 4:45 to 5:15 p.m.—Children's program
 5:15 to 5:30 p.m.—Painless Parker's health talk
 5:30 to 6 p.m.—San Jose Radionics Institute
 6 to 6:10 p.m.—U. S. D. A. farm flashes
 6:10 to 6:30 p.m.—Coöperative market reports
 6:30 to 6:45 p.m.—Market reports
 6:45 to 6:55 p.m.—Farm reporter
 6:55 to 7 p.m.—Farmers' Exchange
 7 to 8 p.m.—Farm Bureau evening radio news
 8 to 9:30 p.m.—"You Never Can Tell" program

225.4 Meters **KGB** **Channel 133**
1330 Kcys. **250 Watts**
Pickwick Broadcasting Co., San Diego, Cal.

6:05 to 7 p.m.—Merchants' Air Service
 7 to 7:05 p.m.—Sports and late news
 7:05 to 8 p.m.—San Diego State College program
 8 to 9 p.m.—Lilas Johnson and Jean Clifton in "Classics"
 9 to 10 p.m.—Aeolian Male Quartette, Muriel Cooprider and Helen Kirkham
 10 to 11 p.m.—Kennedy's Cafe and Nite Club
 11 to 12 midnight—Jack Reed and his "Round the Towners"

NEW TYPE ELECTRAD SUPER-TONATROL

SOMETHING really new and better in a high voltage volume control device was announced by Electrad, Inc., six months ago under the name "Super-Tonatrol." Since then it has undergone the severest tests in the hands of constructors and has met with high praise everywhere.

Now Electrad presents the Model "B" Super Tonatrol which is particularly adapted for use by manufacturers on account of its compact size and clever arrangement whereby, if desired, two completely isolated circuits may be controlled by one shaft. Single control units also are supplied.

Both the Model "A" and Model "B" Super Tonatrol have the same general construction and operating characteristics. The contact is a pure silver multiple type which literally floats over the resistance element with amazing smoothness and which actually grows smoother with use, owing to a microscopic deposit of silver from the contact on the resistance element. The specially developed resistance element itself is fused at high temperature to the surface of a vitreous enameled metal plate. The result is greater permanence and accuracy of resistance values and more rapid heat dissipation.

As an indication of its remarkable endurance, it is stated that laboratory tests equivalent to more than ten years' average use, failed to produce any material signs of wear or variation in resistance value and a practical immunity to changes in temperature and humidity.

An advantage offered by the dual-or tandem type Super Tonatrol is that a tapered resistance can be used in the antenna circuit, while a uniform resistance, operated for the same shaft can control the grid circuits. The resistance variation in the antenna circuit is extremely small during the first half of the knob rotation which assures smoother control of powerful signals.

Model "B" has a handsome molded bakelite cover and dissipates three watts. Either single or dual units are supplied in Model "B" and both models are available in all usual resistance ratings or tapered curves.

Electrad offers to send to any manufacturer, without obligation, a test sample and technical data on either model Super Tonatrol.

BROADCAST WEEKLY devotes more space to station programs than any magazine or newspaper in the United States.

AIR-MAIL IS TO BE SPEEDED BY RADIO

AFTER two years of study, Uncle Sam has decided to use the advantages of radio to speed air-mail service along the aerial mail lines. The first test is to be made on the route between Cleveland and New York where an elaborate system of radio range beacons has been installed.

The radio range beacon is simple in operation and complicated in design. A beam is sent out from certain transmitting stations which mark the shortest path between any two points. Mail planes will hereafter be equipped with receivers designed to pick up these beacon signals, and will thereby no longer get off course.

The transporting of mail by airplanes calls for high speed, exact schedules and careful ground arrangements. As nearly as possible planes must depart and arrive on time. Trucks carry the air-mail to trains here and there, and special mail clerks sort and handle the mail. Any delay of one portion of the system holds up the entire program.

Mail planes sometimes have great difficulty in making their various airports on time. An adverse wind, bad weather, fogs and other troubles drive them off course. As a result, trucks are late, trains are missed, and considerable confusion caused, despite which the mail plane service goes through with surprisingly few retardations.

The radio beacons which will enable a flier to fly "blind" or to keep on course when he cannot see a thing but the instruments on his dashboard, will speed up this service and, it is believed, reduce the flying part of the program to a minimum of delay. The government started a series of tests two years ago to determine just how far such a beacon system would be of value. It is concluded that it is, in effect, air insurance and it is being installed as rapidly as possible.

Within a year, it is held probable that mail planes will be able to follow an invisible beam course from coast to coast without ever seeing a ground signal or a route light, solely as a result of the establishment of the radio beacon system by which the planes may keep exactly on course at all times.

SERVICEGRAM

Keep all antenna leads away from other wires. If such a lead runs within one or two feet of house wiring, it may pick all manner of disturbances from household electrical devices.

WEDNESDAY Programs

NBC

National Broadcasting Company

10:15 to 10:30 a.m.—Mary Hale Martin's Household Period

In a 15-minute talk to radio listeners Mary Hale Martin will tell them of new recipes she has discovered and tested.

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

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

With Bennie Walker, editor, conducting the broadcast, the Oronite Comedians are scheduled to provide an amusing half-hour. Magnolia, Henry and Charley are the Oronite comedians whose mirth-provoking sketch precedes a ten-minute talk by Helen Webster on "Appliance Maintenance." This is for the Easier Housekeeping Feature, which she will follow with another discussion of interior decorating during the Fuller Feature.

Joseph Hornik and his Magazine Melodists will play and NBC singers also are programmed.

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

1 to 2 p.m.—Radio Guild

Vernon Radcliffe will direct the Radio Guild in a special microphone adaptation of a notable drama broadcast through KGO, KOMO and KGW.

2 to 2:15 p.m.—National Woman's Party, KGO, KHQ and KOMO.

3 to 3:30 p.m.—The Amphions

With Max Dolin in the conductor's stand, the Amphions will present a half-hour of concert music through KGO, KOMO and KGW.

3:30 to 4 p.m.—Plantation Echoes, KGO, KOMO and KGW.

4:30 to 5 p.m.—Westinghouse Salute

Cesare Sodero will lead the symphonic orchestra of 50 instrumentalists and 40 singers, while a group of distinguished actors and actresses from the legitimate stage will participate in brief dramatic sketches. Pedro de Cordoba will again be heard as the "Voice of the Interlude."

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

6 to 6:30 p.m.—Halsey, Stuart Program

Music by the Chicago Little Symphony Orchestra conducted by George Dasch and an investment talk by the "Old Counsellor" will be offered tonight.

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

6:30 to 7:30 p.m.—Palmolive Hour

"H. M. S. Pinafore," by Gilbert and Sullivan, is the light opera to be given in miniature form by Olive Palmer, Paul Oliver, Elizabeth Lennox, the Revelers and Gustave Haensch's orchestra as the concluding feature of the Palmolive Hour program over KGO, KHQ, KOMO, KGW and KFI.

7:30 to 8 p.m.—Floyd Gibbons

Personal experiences in hunting headlines as a newspaper reporter and war correspondent will be reviewed by Floyd Gibbons, in his half-hour talk over KGO, KOMO and KGW.

8 to 8:30 p.m.—Let's Get Associated

There is a thrilling basketball game in tonight's episode of "Let's Get Associated," with Jack and Ethyl on the side lines giving

NBC System listeners word pictures of the game. A good deal of suspense enters into the game. Jack's planning has much to do with the final outcome. Songs and light orchestral music will relieve the tension when the action becomes exciting.

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

8 to 8:30 p.m.—Parisian Quintet, KGO.

8:30 to 8:45 p.m.—Amos 'n' Andy broadcast through KGO, KGW, KOMO, KHQ and KECA

8:45 to 9:15 p.m.—Sunkist Serenaders

Familiar strains of "Cielito Lindo" and "La Rosita" will introduce the Sunkist Serenaders. The orchestra will follow the theme melodies with a Spanish march called "Zachtecas." Further instrumental selections will include specialties with Dan Borzage, accordionist, and Bob Harker, banjoist.

James Burroughs, tenor, will be heard in three songs of a popular type, and in one Spanish number.

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

9:15 to 9:30 p.m.—A Pair of Queens

Pearl Leonard and Nina Hines form the Pair of Queens who will sing for NBC System listeners through KGO and KHQ.

9:30 to 10 p.m.—Miniature Biographies, KGO and KOA.

10:15 to 11 p.m.—Cotton Blossom Minstrels

NBC will bring the Cotton Blossom Minstrels back to life in an old-fashioned minstrel show presentation.

The first part of the entertainment will be given over to the exchange of repartee between the two end men and the interlocutor. Music fills the middle period. The third and last part will be an afterpiece in the form of a sketch.

Broadcast through KGO, KHQ, KECA, KSL and KOA.

11 to 12 midnight—Laughner-Harris Hotel St. Francis Dance Orchestra, KGO.

309.1 Meters
970 Kcys.

KOMO

Channel 97
1000 Watts

Fisher's Blend Station, Inc., Seattle, Wash.

6:55 a.m.—Inspirational Services

7 a.m.—Making Merry with Sperry

8 a.m.—Shell Happy Time

9 a.m.—Y. M. C. A. Health Exercises

9:15 a.m.—Organ recital

10:15 a.m.—Mary Hale Martin, NBC

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

11:30 a.m.—Orchestra; Perdin Korsmo, tenor

12:15 p.m.—What to Prepare for Dinner

12 noon—Grain, fruit and vegetable reports

12:35 p.m.—Orchestra with soprano soloist

1 p.m.—Radio Guild, NBC

2 p.m.—National Woman's Party, NBC

2:15 p.m.—Orchestra; Fred Lynch, tenor

3 p.m.—The Amphions, NBC

3:30 p.m.—Plantation Echoes

4 p.m.—Mining stock quotations

4:30 p.m.—Westinghouse Salute, NBC

5 p.m.—Stock, bond and grain quotations

5:15 p.m.—Artistic Ensemble

6 p.m.—Halsey Stuart program, NBC

6:30 p.m.—Palmolive Hour, NBC

7:30 p.m.—Floyd Gibbons, NBC

8 p.m.—Let's Get Associated

8:30 p.m.—Amos 'n' Andy, NBC

8:45 p.m.—Sunkist Serenaders, NBC

9:15 p.m.—Nunn Bush program

9:30 p.m.—Veedol Vlodvil

10 p.m.—Fisher's Blend Hour

11 p.m.—News flashes

11:15 p.m.—Laughner-Harris Dance Orchestra

12 to 12:30 a.m.—Organ recital

WEDNESDAY Programs

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**
 Copyright, 1930, E. C. Anthony, Inc., L. A.
 7 a.m.—"Making Merry with Sperry"
 7:30 a.m.—Opening market quotations
 7:45 a.m.—"Making Merry with Sperry"
 8 a.m.—Shell Happy Time from KPO
 9 a.m.—Bess Kilmer's Hints to Housewives
 9:30 a.m.—Sylvia's Happy Hour
 10:15 a.m.—Mary Hale Martin, NBC
 10:30 a.m.—Woman's Magazine, NBC
 11:30 a.m.—"Mental Exercises," F. Hancock
 12 noon—Agricultural talks and market reports
 12:10 p.m.—Federal and state market reports
 2:15 p.m.—Winnie Fields Moore, travelogue
 2:30 p.m.—Hall's Chinese Cafe Orchestra
 3:30 p.m.—Noreen Gammill
 4 p.m.—Big Brother
 4:30 p.m.—Westinghouse Salute, NBC
 5 p.m.—Baron Keyes, "The Story Man"
 5:30 p.m.—Dr. H. Edward Myers
 5:45 p.m.—Stock market reports
 6 p.m.—Halsey Stuart program, NBC
 6:30 p.m.—Palmolive Hour, NBC
 8 p.m.—Let's Get Associated, NBC
 8:45 p.m.—Sunkist Serenaders, NBC
 9:30 p.m.—Tom Terriss, movie director
 10 p.m.—Packard concert orchestra
 11 p.m.—KFI news bureau

285.5 Meters **KNX** **Channel 105**
1050 Kcys. **5000 Watts**
 L. A. Evening Express, Los Angeles, Calif.
 12 to 12:30 p.m.—KNX String Ensemble
 12:30 to 12:45 p.m.—H. F. Allen
 1:30 to 2 p.m.—Reading interesting books
 2 to 2:30 p.m.—Records and announcements
 3:30 to 3:35 p.m.—Lost and found
 3:30 to 4 p.m.—KNX Clinic of the Air
 4 to 4:30 p.m.—Bundy & Albright program
 4:30 to 5 p.m.—C. P. R.'s musical program
 5 to 5:15 p.m.—Travelogue
 5:15 to 5:45 p.m.—Ken's Kiddie Hour
 5:45 to 6 p.m.—Timely amusement tips
 6 to 6:30 p.m.—Organ program
 6:30 to 7 p.m.—KNX String Ensemble
 7 to 7:30 p.m.—"Mr. and Mrs." radio skit, featuring Georgia Fifield and Eddie Albright
 7:30 to 8 p.m.—Courtesy program
 8 to 8:30 p.m.—Bert Butterworth and his "Airdales"
 8:30 to 10 p.m.—Feature program
 10 to 12 midnight—Hotel Ambassador orchestra
 12 to 1 a.m.—Dorado Club dance hour

236.1 Meters **KOL** **Channel 127**
1270 Kcys. **1000 Watts**
 Seattle Broadcasting Co., Seattle, Wash.
 1:30 to 2:30 p.m.—Popular program
 3:30 to 4:30 p.m.—Ken, Maud and Ivan, and the Happy Hawaiian Trio
 4:30 to 5 p.m.—Mr. Fixit and news items
 5 to 6 p.m.—Service Hour
 6 to 6:30 p.m.—Dinner Hour program
 6:30 to 7 p.m.—Happy Hawaiians; stocks
 7 to 8 p.m.—Catherine Sullivan, Mrs. Bernhardt Bronson, Peter Skrefstad, Leland Wissler
 8 to 8:30 p.m.—Bridge game
 8:30 to 9 p.m.—Wheeler's old time band
 9 to 10 p.m.—Happiness Hour
 10 to 11:15 p.m.—Everstate Dance Band
 11:15 to 11:35 p.m.—Harold Chase
 11:35 to 12 midnight—Everstate Dance Band

379.5 Meters **KGO** **Channel 79**
790 Kcys. **10,000 Watts**
 General Electric Co., Oakland, California
 8 to 9 a.m.—Reveille
 9 to 9:30 a.m.—Meet the Folks
 10 to 10:15 a.m.—Betsy Kelly
 10:15 to 10:30 a.m.—Mary Hale Martin
 10:30 to 11:30 a.m.—Magazine of the Air
 11:30 to 12 noon—Philharmonic organ
 12 to 1 p.m.—Rembrandt Trio
 1 to 2 p.m.—Radio Guild
 2 to 2:15 p.m.—National Women's Party
 2:15 to 3 p.m.—Matinee Time
 3 to 3:30 p.m.—The Amphions
 3:30 to 4 p.m.—Plantation Echoes
 4 to 4:30 p.m.—St. Francis Hotel orchestra
 4:30 to 5 p.m.—Westinghouse Salute
 5 to 5:30 p.m.—The Three Boys
 5:30 to 5:45 p.m.—News service
 5:45 to 6 p.m.—Agricultural program
 6 to 6:30 p.m.—Halsey Stuart program
 6:30 to 7:30 p.m.—Palmolive Hour
 7:30 to 8 p.m.—Floyd Gibbons
 8 to 8:30 p.m.—Parisian Quintet
 8:30 to 8:45 p.m.—Amos 'n' Andy
 8:45 to 9:15 p.m.—Sunkist Serenaders
 9:15 to 9:30 p.m.—Pair of Queens
 9:30 to 10 p.m.—Miniature Biographies
 10 to 10:15 p.m.—Sports talk
 10:15 to 11 p.m.—The Cotton Blossom Minstrels
 11 to 12 midnight—St. Francis Hotel dance orchestra

265.3 Meters **KSL** **Channel 113**
1130 Kcys. **5000 Watts**
 Radio Service Corp., Salt Lake City, Utah
 5:30 p.m.—"The Sunshine Girls"
 6 p.m.—"The Old Counsellor," NBC
 6:30 p.m.—Palmolive Hour, NBC
 8 p.m.—Instrumental and vocal ensemble
 8:30 p.m.—Amos 'n' Andy, NBC
 8:45 p.m.—"The Romance of Gems"
 9 p.m.—Utah Woolen Mills
 10 p.m.—Sports Talk, NBC
 10:15 p.m.—Cotton Blossom Minstrels, NBC
 11 to 12 midnight—Request Hour

333.1 Meters **KHJ** **Channel 90**
900 Kcys. **1000 Watts**
 Don Lee, Inc., Los Angeles, California
 7 to 9 a.m.—Recordings; stocks
 9 to 9:30 a.m.—Columbia Noon Day Club, CBS
 9:30 to 10:30 a.m.—Feminine Fancies, KFRC
 10:30 to 11 a.m.—Times Forum
 11 to 11:15 a.m.—A. White, "At Our House"
 11:15 to 11:30 a.m.—Organ and vocalist
 11:30 to 12 noon—Recordings
 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.—Optimist Club luncheon
 1:30 to 2 p.m.—Charlie Wellman
 2 to 3 p.m.—Recordings
 3 to 3:30 p.m.—Talk on "Gardens"
 3:30 to 4 p.m.—"Book Reviews"
 4 to 4:50 p.m.—"Surprise Package"
 4:50 to 5 p.m.—World-wide news
 5 to 5:30 p.m.—General Mills, Inc., CBS
 5:30 to 6 p.m.—Sunset Ensemble
 6 to 6:30 p.m.—Organ recital, with singer
 6:30 to 7 p.m.—Chas. Hamp
 7 to 7:30 p.m.—Don Lee Symphony
 7:30 to 8 p.m.—"Mood Pictures"
 8 to 9 p.m.—Don Lee Symphony
 9 to 10 p.m.—M-G-M Movie Club
 10 to 10:05 p.m.—World-wide news
 10:05 to 12 midnight—Biltmore Hotel dance orch
 12 to 1 a.m.—Wesley Tourtellotte's organ recital

WEDNESDAY Programs

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

9 to 10 a.m.—Recorded program
 10 to 10:30 a.m.—Cooking, by Belle de Graf
 10:30 to 10:45 a.m.—Popular recordings
 10:45 to 11 a.m.—Dr. Holmes, health talk
 11 to 12 noon—California Sunshine Hour
 12 to 12:15 p.m.—Newscasting
 12:15 to 2 p.m.—Recordings
 2 to 3 p.m.—Bridge Party Hour
 3 to 3:30 p.m.—Short story course
 3:30 to 5:45 p.m.—Recordings
 5:45 to 6 p.m.—Matthew W. Brady
 6 to 7 p.m.—Recorded program
 7 to 7:30 p.m.—George, Melvin, Leo and Frank
 7:30 to 8:30 p.m.—Tommy Monroe & Bob Allen
 8:30 to 9:30 p.m.—Calendar of the Air
 9:30 to 10 p.m.—George Nickson, Virginia Spencer, Greta Gahler, Freddie Howard and Dud Williamson
 10 to 11 p.m.—Pacific Artists Trio; soloist
 11 to 1 a.m.—Request recordings

280.2 Meters **KJBS** **Channel 107**
1070 Kcys. **100 Watts**
 J. Brunton & Sons, San Francisco, Calif.

6:45 to 8 a.m.—Alarm Klock Klub
 8 to 10:30 a.m.—Recordings
 10:30 to 11 a.m.—Medicine Man Melodies
 11 to 12 noon—Recorded varieties
 12 to 1:45 p.m.—Popular recordings; stocks
 1:45 to 2 p.m.—Dr. Wiseman, health talk
 2 to 2:30 p.m.—Concert music
 2:30 to 3 p.m.—Renton program
 3 to 3:30 p.m.—Art Fadden, pianist
 3:30 to 5:30 p.m.—Recordings; Shirley Dale

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

7 to 8 a.m.—Making Merry with Sperry
 8 to 9 a.m.—Shell Happy Time
 9 to 10 a.m.—"With the Music Masters"
 10 to 10:15 a.m.—Sunshine program
 10:15 to 10:30 a.m.—Mary Hale Martin, NBC
 10:30 to 11:30 a.m.—Magazine of the Air, NBC
 11:30 to 12 noon—Winifred Rhoades, organist
 12 to 12:30 p.m.—Brick Bats and Bouquets
 12:30 to 1 p.m.—Hawaiian Echoes
 1:30 to 1:45 p.m.—Studio doings
 1 to 1:30 p.m.—"Down Memory Lane"
 1:45 to 2 p.m.—Fur Facts
 2 to 2:15 p.m.—Nat'l Woman's Party, NBC
 2:15 to 3 p.m.—"With the Classics"
 3 to 3:30 p.m.—Album Symphonies
 3:30 to 4 p.m.—Paint o' Mine
 4 to 4:30 p.m.—Studies in waltz time
 4:30 to 5 p.m.—Westinghouse "Salutes," NBC
 5 to 6 p.m.—Happy Harmonies
 6 to 6:30 p.m.—Halsey Stuart, NBC
 6:30 to 7:30 p.m.—Palmolive Hour, NBC
 7:30 to 8 p.m.—Sport news
 8 to 8:30 p.m.—Let's Get Associated, NBC
 8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
 8:45 to 9:15 p.m.—Sunkist Serenaders, NBC
 9:15 to 9:30 p.m.—Pair of Queens, NBC
 9:30 to 10 p.m.—Veedol Vodvil
 10 to 10:15 p.m.—Sports talk, NBC
 10:15 to 11 p.m.—Cotton Blossom Minstrels, NBC
 11 to 12 midnight—Just Another Hour

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

Hale Bros. & The Chronicle, San Francisco
 7 to 8 a.m.—Health exercises by Hugh Barrett
 Dobbs and William Hancock
 8 to 9 a.m.—Shell Happy Time by Hugh Barrett
 Dobbs and William H. Hancock
 9:30 to 10 a.m.—Dobbsie's daily chat
 10 a.m.—Bank of America of California
 10:30 to 11:30 a.m.—Magazine of the Air, NBC
 11:30 to 11:45 a.m.—Theodore Strong, organist
 11:45 to 12:05 p.m.—Scripture; announcements
 12:05 to 1 p.m.—KPO Salon Orchestra
 1 to 1:30 p.m.—Jerry Jermaine, balladist, and Mildred Bailey, pianist
 1:30 to 2 p.m.—Ann Warner's home chat
 2 to 2:10 p.m.—Stock market reports
 2:10 to 3 p.m.—Aeolian Trio and Elbert Bellows, tenor
 3 to 4 p.m.—Studio program
 4 to 4:50 p.m.—Theodore Strong, organist
 4:50 to 5 p.m.—Stock reports
 5 to 5:50 p.m.—Children's Hour
 5:50 to 6 p.m.—News digest, "Scotty" Mortland
 6 to 7 p.m.—Reo Masters of Music
 7 to 8 p.m.—North Americans
 8 to 8:30 p.m.—Let's Get Associated, NBC
 8:30 to 9 p.m.—Allan Wilson, tenor
 9 to 9:10 p.m.—Cecil and Sally
 9:10 to 10 p.m.—Midweek Variety Hour
 10 to 11 p.m.—Jesse Stafford's dance orchestra
 11 to 12 p.m.—Jess Norman's San Franciscans

254.1 Meters **KEX** **Channel 118**
1180 Kcys. **5000 Watts**

Western Broadcasting Co., Portland, Ore.
 4 p.m.—Classical program
 5 p.m.—Popular program
 6 p.m.—Hometowners' Orchestra
 7 p.m.—Damski's Concert Ensemble; Agatha Turley, soprano; Jean Kantner, baritone
 9 p.m.—Studio program
 10 p.m.—Dance program
 10:30 p.m.—Jack and Jill Dance Band
 11:30 p.m.—Weather and police news

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

The Morning Oregonian, Portland, Oregon
 7 to 8 a.m.—Sperry Hour, KPO
 8 to 9 a.m.—Shell Happy Time
 9 to 9:10 a.m.—News
 9:10 to 9:30 a.m.—Oregonian Cooking School
 9:30 to 10:15 a.m.—Town Crier
 10:15 to 10:30 a.m.—Mary Hale Martin, NBC
 10:30 to 11:30 a.m.—"Woman's Magazine," NBC
 11:30 to 12 noon—Studio records
 12 to 12:30 p.m.—Powers' Pied Piper
 12:30 to 1 p.m.—Hollywood organ
 1 to 2 p.m.—Radio Guild, NBC
 2 to 2:30 p.m.—Musical entertainment
 2:30 to 3 p.m.—Stewart Warner program
 3 to 3:30 p.m.—The Amphions
 3:30 to 4 p.m.—Plantation Echoes, NBC
 4 to 4:30 p.m.—Service Hour
 4:30 to 5 p.m.—"The Westinghouse Salute," NBC
 5 to 6 p.m.—Franz Children's Hour
 6 to 6:30 p.m.—Halsey Stuart, NBC
 6:30 to 7:30 p.m.—Palmolive program, NBC
 7:30 to 8 p.m.—Floyd Gibbons, NBC
 8 to 8:30 p.m.—Let's Get Associated, NBC
 8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
 8:45 to 9:15 p.m.—Sunkist Serenaders, NBC
 9:15 to 9:30 p.m.—The "4" Davidson Bakers
 9:30 to 10 p.m.—Veedol Vodvil, KOMO
 10 to 10:10 p.m.—Cecil and Sally
 10:10 to 11 p.m.—Concert orchestra
 11 to 12 midnight—Dance band

WEDNESDAY Programs

560 Kcys. **KTAB 1000 Watts**
535.4 Meters Channel 56
Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Eye Openers
 8 to 8:30 a.m.—“Ye Towne Cryer”
 8:30 to 9 a.m.—Dr. Forrester
 9 to 9:30 a.m.—Morning Prayer Hour
 9:30 to 10 a.m.—“Broadway Tunes”
 10 to 10:30 a.m.—Household Hour
 10:30 to 11 a.m.—Dr. B. L. Corley
 11 to 12 noon—Barney Lewis’ Tabloid of the Air
 12 to 1 a.m.—Sterling Cosmopolitans
 1 to 1:30 p.m.—Chapel of Chimes
 1:30 to 2:30 p.m.—Musical Appreciation Hour
 2:30 to 3 p.m.—“Pianistic Pictures in Blue”
 3 to 3:30 p.m.—“Organ Echoes”
 3:30 to 4 p.m.—“Broadway Tunes”
 4 to 4:30 p.m.—Dr. Wade Forrester
 4:30 to 5 p.m.—“Broadway Tunes”
 5 to 6 p.m.—Brother Bob’s Frolic Hour
 6 to 6:30 p.m.—Sterling Cosmopolitans
 6:30 to 7 p.m.—Chapel of Chimes
 7 to 7:30 p.m.—Art Fadden, pianist
 7:30 to 8 p.m.—“Organ Echoes”
 8 to 9 p.m.—“The Music Masters’ Rehearsal”
 9 to 10 p.m.—Melody Masters, Mae Thompson
 10 to 11 p.m.—Silver Slipper Hour with Joe Wright’s orchestra
 11 to 12 midnight—“Nite Owls” with Alice Blue, John Teall, Heinie Klotz
 12 to 1 a.m.—“Slumber Chaser”

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

8 to 10 a.m.—The Breakfast Club
 10 to 10:30 a.m.—Prudence Penny
 10:30 to 11:30 a.m.—Radio varieties
 11:30 to 12 noon—Quintet and soloists
 12 to 12:10 p.m.—Cecil and Sally
 12:10 to 12:30 p.m.—Quintet and soloists
 12:30 to 1:15 p.m.—Radio varieties
 1:15 to 1:45 p.m.—Paul Howard’s Blackbirds
 1:45 to 2 p.m.—Radio varieties
 4 to 6 p.m.—Radio varieties
 6 to 6:30 p.m.—Violet Ray Dance Orchestra
 6:30 to 7 p.m.—Harry Jackson’s entertainers
 7 to 7:30 p.m.—507 Orchestra
 7:30 to 8 p.m.—Julius K. Johnston, organist
 8 to 8:30 p.m.—“Who is Marion?” mystery serial
 8:30 to 9:30 p.m.—Dance band and soloists
 9:30 to 10 p.m.—Ray Martinez and his concert orchestra; George Gramlich, tenor
 10 to 11 p.m.—George Olsen’s orchestra
 11 to 12 midnight—Paul Howard’s Blackbirds

309.1 Meters **KJR Channel 97**
970 Kcys. 5000 Watts
Northwest Radio Service Co., Seattle, Wash.

1 p.m.—Musical program
 2 p.m.—Glen Eaton and Marjorie Robillard
 5 p.m.—Dinner concert
 5:30 p.m.—American Institute of Banking talk
 6 p.m.—Hometowners’ Orchestra; soloists
 7 p.m.—Damski’s concert orchestra; soloists
 8 p.m.—Spanish Knights, orchestra; Elmore Vincent, tenor; Ed Sheldon, mandolin
 9 p.m.—Neapolitan’s orchestra; soloists
 10 p.m.—Variety Hour; Captivators’ Quartet; Ban & Jo; Stonewall Jackson; Glen Eaton, tenor; Elmore Vincent, tenor; Marjorie Robillard, piano
 11 p.m.—Vic Meyer’s Club Victor Orchestra

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

7 to 8 a.m.—Health exercises
 9 to 9:30 a.m.—Cal King’s Country Store
 9:30 to 10 a.m.—Recordings and announcements
 10 to 10:30 a.m.—Charlie Glenn, “Old Songs”
 10:30 to 10:50 a.m.—Dr. Linebarger, health talk
 10:50 to 11 a.m.—News, weather, police reports
 11 to 11:30 a.m.—Peppy Ray Batz
 11:30 to 11:45 a.m.—Talk by Rita Murray
 11:45 to 12:15 p.m.—Semi-classical recordings
 12:15 to 12:30 p.m.—Nearing Sisters and Ramona Saxe
 12:30 to 12:45 p.m.—Nadine Chriss, pianologue
 12:45 to 1 p.m.—Florence Lorraine, ballads
 1 to 1:30 p.m.—Cal King’s Country Store
 6 to 6:30 p.m.—Lorelei Trio
 6:30 to 6:45 p.m.—Edna Barron on the keys
 6:45 to 7 p.m.—Recordings
 7 to 7:15 p.m.—Dr. Linebarger, health talk
 7:15 to 7:30 p.m.—Studio program
 8:30 to 8:45 p.m.—Variety recordings
 8:45 to 9 p.m.—Kelly’s Tavern program
 9 to 10 p.m.—“KFWI Midweek Party,” Henry C. Blank at the mike
 10 to 11 p.m.—Paul Kelli’s dance orchestra
 11 to 12 midnight—New Shanghai Orchestra
 12 to 1 a.m.—“Midnight Classics”

322.4 Meters **KFWM Channel 93**
930 Kcys. 1000 Watts
Oakland Educational Society, Oakland, Cal.

8 to 8:30 a.m.—Recordings
 8:30 to 9 a.m.—Helen Jewell, organist
 1:30 to 2:30 p.m.—Jeanette Rauhut, violinist; Doris Eckler, cellist; Roslyn Rost, pianist
 2:30 to 3 p.m.—Walter McCoy & Luella Cooper
 3 to 3:30 p.m.—Cy Perkins’ Kountry Stoar; Lois Feeley, vocalist; Ray Hansen, vocalist; Evelyn Mathewson, Mirandy; Cy Perkins himself
 3:30 to 4 p.m.—The Happy Hayseeds: Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, “yodeling cowboy”
 4 to 4:30 p.m.—The “Ne’er Do Well”
 4:30 to 5 p.m.—Paul Heinsen and Charlie Biuschke, vocalist and pianist
 5 to 6 p.m.—Harriett Pool, organist; Charlie of the “Squirrels”; Roberta MacRossi, vocalist; Dr. Wade Forrester, vocalist
 7:30 to 8 p.m.—Doc Herrold’s Shopping Hour
 8 to 8:30 p.m.—Dr. Wade Forrester presenting Harmony and Health

204 Meters **KGA Channel 147**
1470 Kcys. 5000 Watts
Northwest Radio Serv. Co., Spokane, Wash.

8 a.m.—News and records
 9 a.m.—Concert
 10 a.m.—Popular program
 11 a.m.—Program
 12 noon—Grain news and music
 1 p.m.—Master musicale
 2 p.m.—Radio matinee
 3 p.m.—Popular melange
 3:30 p.m.—Tea Hour concert
 4:30 p.m.—Uncle Andy
 5 p.m.—World Bookman, Uncle Andy
 5:30 p.m.—Dinner Hour
 6 p.m.—Hometowners
 7 p.m.—Damski’s concert; Agatha Turley, soprano; Jean Kantner, baritone
 8 p.m.—Kalbach’s Spanish-Argentine Orchestra; Elmore Vincent, tenor
 9 p.m.—Damski’s Neapolitans; Agatha Turley, soprano; Jean Kantner, baritone
 10 p.m.—Request program

--on *Thursdays*
A NEW
PHILCO HOUR

at 7 o'clock
 Pacific Standard Time

Stars of Stage and Screen
New Artists Each Week

A PROGRAM OF REAL
ENTERTAINMENT

A TRANSCONTINENTAL BROADCAST
COLUMBIA
 Broadcasting System

STATIONS

KFRC
 San Francisco

KHJ
 Los Angeles

KMJ
 Fresno

KOIN
 Portland

KVI
 Seattle—Tacoma

KFPY
 Spokane



Pacific Coast Branches

SAN FRANCISCO ✓ **LOS ANGELES** ✓ **PORTLAND** ✓ **SEATTLE**

THURSDAY Programs

560 Kcys. KTAB 1000 Watts
535.4 Meters Channel 56
 Pickwick Broadcasting Co., Oakland, Calif.

- 7 to 8 a.m.—Eye Openers
- 8 to 8:30 a.m.—"Masters Album"
- 8:30 to 9 a.m.—"Ye Towne Cryer"
- 9 to 9:30 a.m.—Morning Prayer Hour
- 9:30 to 10 a.m.—Dr. J. Douglas Thompson
- 10 to 10:30 a.m.—Household Hour
- 10:30 to 11 a.m.—Dr. B. L. Corley
- 11 to 12 noon—Barney Lewis' Tabloid of the Air
- 12 to 1 p.m.—Sterling Cosmopolitans
- 1 to 1:30 p.m.—Chapel of Chimes
- 1:30 to 2 p.m.—"Fashionette," Alma La Marr
- 2 to 2:30 p.m.—Joint recital with Joan Ray, Jane S. Sands
- 2:30 to 4 p.m.—Symphony concert program
- 4 to 4:30 p.m.—Dr. Wade Forrester
- 4:30 to 5 p.m.—"Broadway Tunes"
- 5 to 6 p.m.—Brother Bob's Frolic Hour
- 6 to 6:30 p.m.—Sterling Cosmopolitans
- 6:30 to 7 p.m.—Chapel of Chimes
- 7 to 7:30 p.m.—"Broadway Tunes"
- 7:30 to 8:30 p.m.—Melody Masters, Maye Thompson, Carl Tobin
- 8:30 to 10 p.m.—Ice hockey game
- 10 to 11 p.m.—Joe Wright's orchestra
- 11 to 12 midnight—"Melody Lane" with Melody Masters, Joan Ray, Jane S. Sands
- 12 to 1 a.m.—"Slumber Chaser"

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

- 5 p.m.—Rudy Vallee's Connecticut Yankees
- 6 p.m.—Vico Light Opera Company
- 6:30 p.m.—Maxwell House Melodies
- 7 p.m.—Victor Radio program, NBC
- 8 p.m.—Musical ensemble
- 8:30 p.m.—Amos 'n' Andy, NBC
- 9 p.m.—Musical varieties
- 9:30 p.m.—"Blue Blaze Miners"
- 10 p.m.—Milt Taggart's Odeon Orchestra
- 11 to 12 midnight—Request Hour

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

- 6:45 to 7 a.m.—Radio time clock
- 7 to 8 a.m.—Eye Opener program
- 8 to 9:30 a.m.—Recorded program
- 9:30 to 10 a.m.—Home Economics
- 10 to 10:30 a.m.—Parent-Teacher Association
- 10:30 to 11 a.m.—Popular melodies
- 11 to 12 noon—"The Carnival," with Billy Sherwood, Maud Nickerson, Bertrand Smith
- 12 to 12:30 p.m.—Popular program
- 12:30 to 1:30 p.m.—Shrine luncheon
- 1:30 to 2:30 p.m.—Popular melodies
- 2:30 to 3:30 p.m.—KOL Matinee
- 3:30 to 4:30 p.m.—Ken, Maud and Ivan, and the Happy Hawaiian Trio
- 4:30 to 5 p.m.—Mr. Fixit and news items
- 5 to 6 p.m.—Service Hour
- 6 to 6:30 p.m.—Dinner Hour program
- 6:30 to 7 p.m.—Ranch Dance Band; stocks
- 7 to 8 p.m.—Robert Dawson; Donald Ballantyne; Wm. Lees; Midge Thorntenson
- 8 to 9 p.m.—Happy Hawaiians, Pinkerton Day, Ward Ireland, Vivian and Fern, Ivan Ditmars
- 9 to 9:30 p.m.—Ken Stuart's Sunshine program
- 9:30 to 10:30 p.m.—Studio program
- 10:30 to 12 midnight—Guy Olsen's music

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

- 9 to 10 a.m.—Recorded program
- 10 to 10:30 a.m.—Cooking, by Belle de Graf
- 10:30 to 11 a.m.—Popular recordings
- 11 to 12 noon—California Sunshine Hour
- 12 to 12:15 p.m.—Newscasting
- 12:15 to 2 p.m.—Recordings
- 2 to 3 p.m.—Bridge Party Hour
- 3 to 7 p.m.—Recordings
- 7 to 7:30 p.m.—George, Melvin, Leo and Frank
- 7:30 to 7:45 p.m.—College Daze, Toby and Babs
- 7:45 to 8 p.m.—Yvonne, Greta and Helen Stone
- 8 to 9 p.m.—Calendar of the Air
- 9 to 9:30 p.m.—Yvonne Peterson, Virginia Spencer, Fred Heward and Dud Williamson, Velma Truett and Harry George
- 9:30 to 10:30 p.m.—Pacific Artists Trio with George Nickson, soloist
- 10:30 to 12 midnight—Dance recordings

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

- 7 to 9 a.m.—Recordings; stocks
- 9 to 9:30 a.m.—Columbia Noonday Club, CBS
- 9:30 to 10:30 a.m.—Feminine Fancies, KPRC
- 10:30 to 11 a.m.—Times Forum
- 11 to 11:30 a.m.—Chas. Hamp
- 11:30 to 11:45 a.m.—A. White, "At Our House"
- 11:45 to 12 noon—Recordings
- 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.—Jr. C. of C. luncheon
- 1:30 to 2 p.m.—Charlie Wellman
- 2 to 3 p.m.—Recordings
- 3 to 3:15 p.m.—Talk on books
- 3:15 to 3:30 p.m.—U. S. C. Trojan period
- 3:30 to 4 p.m.—Civic Repertory Theatre, CBS
- 4 to 4:50 p.m.—Pac. States Sav. & Loan concert
- 4:50 to 5 p.m.—World-wide news
- 5 to 5:15 p.m.—Dance band
- 5:15 to 5:30 p.m.—Talk on national politics, CBS
- 5:30 to 5:45 p.m.—Dance band
- 5:45 to 6 p.m.—Coast Investor, talk
- 6 to 7 p.m.—Organ recital, with singer
- 7 to 7:30 p.m.—Philco Hour, CBS
- 7:30 to 8 p.m.—Sierra Symphonists
- 8 to 9 p.m.—The Merrymakers, DLBS
- 9 to 9:30 p.m.—Veedol Vaudeville from KPRC
- 9:30 to 10 p.m.—Don Lee Symphony
- 10 to 10:05 p.m.—World-wide news
- 10:05 to 12 midnight—Biltmore Hotel dance orch
- 12 to 1 a.m.—Wesley Tourtellotte's organ recital

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

- 8 to 8:30 a.m.—Betty Silberman, organist
- 8:30 to 10 a.m.—Radio varieties
- 10 to 10:30 a.m.—Betty Silberman, organist
- 10:30 to 11:30 a.m.—Radio varieties
- 11:30 to 12 noon—Quintet and soloists
- 12 to 12:10 p.m.—Cecil and Sally
- 12:10 to 12:30 p.m.—Quintet and soloists
- 12:30 to 2 p.m.—Radio varieties
- 4 to 6 p.m.—Radio varieties
- 6 to 6:30 p.m.—Violet Ray dance orchestra
- 6:30 to 7 p.m.—Harry Jackson's entertainers
- 7 to 7:30 p.m.—507 Orchestra
- 7:30 to 8 p.m.—String quintet; Ina Butler, soprano
- 8 to 8:30 p.m.—Don Warner's dance orchestra
- 8:30 to 9 p.m.—Program by Bert Butterworth
- 9 to 10 p.m.—Ice hockey game
- 10 to 10:30 p.m.—George Olsen's orchestra
- 10:30 to 11:30 p.m.—Paul Howard's Blackbirds

THURSDAY Programs

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

7 to 7:30 a.m.—"Simpv Pitts"; stocks
 7:30 to 8 a.m.—"Simpv Pitts" and "Pedro"
 8 to 8:30 a.m.—Bill Wright, "The Laughfinder"
 8:30 to 8:45 a.m.—Recordings
 8:45 to 9:30 a.m.—Columbia Noonday Club, CBS
 9:30 to 10:30 a.m.—Feminine Fancies, DLBS
 10:30 to 11 a.m.—Wyn's daily chats
 11 to 11:30 a.m.—Charles W. Hamp for S. & W.
 11:30 to 12 noon—Amer. School of the Air, CBS
 12 to 1 p.m.—Sherman & Clay noonday concert
 1 to 1:30 p.m.—Rhythm Kings, CBS
 1:30 to 2 p.m.—Curtain Calls, CBS
 2 to 3 p.m.—Happy-Go-Lucky Hour
 3 to 3:15 p.m.—Talk on Popular Psychology
 3:15 to 3:30 p.m.—Beauty talks
 3:30 to 4 p.m.—Civic repertory plays, CBS
 4 to 4:50 p.m.—Melody Masters, DLBS
 4:50 to 5 p.m.—Recordings and town topics
 5 to 5:15 p.m.—Hank Howe, DLBS
 5:15 to 5:30 p.m.—Frederick William Wile, CBS
 5:30 to 6 p.m.—Edna Fischer, pianist
 6 to 6:30 p.m.—Wesley Tourtellotte, organist
 6:30 to 7 p.m.—Walter Krausgrill's orchestra
 7 to 7:30 p.m.—Philco Hour, CBS
 7:30 to 8 p.m.—"Songology," DLBS
 8 to 9 p.m.—Merrymakers, DLBS
 9 to 9:30 p.m.—Veedol Vodvil, DLBS
 9:30 to 10 p.m.—American Maize Products Co.
 10 to 10:10 p.m.—"Frank Watanabe"
 10:10 to 11:10 p.m.—Val Valente's orchestra,
 Cotton Bond, soloist
 11:10 to 12:10 a.m.—Hotel Mark Hopkins or-
 chestra
 12:10 to 1 a.m.—Dance music

309.1 Meters **KOMO** **Channel 97**
970 Kcys. **1000 Watts**
 Fisher's Blend Station, Inc., Seattle, Wash.

1 p.m.—United States Army Band, NBC
 2 p.m.—Orchestra; Donald Gray, baritone
 2:30 p.m.—House of Myths, NBC
 3 p.m.—Orchestra, with soloists
 4 p.m.—Mining stock quotations
 4:15 p.m.—Kiddies' program
 4:45 p.m.—Stock, bond and grain quotations
 5 p.m.—Fleischmann Sunshine Hour, NBC
 6 p.m.—Seiberling Singers, NBC
 6:30 p.m.—Maxwell House Melodies, NBC
 7 p.m.—Radio-Victor program, NBC
 7:30 p.m.—Standard Symphony Hour, NBC
 8:30 p.m.—Amos 'n' Andy, NBC
 8:45 p.m.—Max Dolin and His Violin, NBC
 9 p.m.—Memory Lane, NBC
 9:30 p.m.—The Olympians, NBC
 9:45 p.m.—News Flashes
 10 p.m.—Associated Dance Hour
 11 p.m.—Laughner-Harris Dance Orchestra
 12 to 12:30 a.m.—Organ recital

254.1 Meters **KEX** **Channel 118**
1180 Kcys. **5000 Watts**
 Western Broadcasting Co., Portland, Ore.

4 p.m.—Classical program
 4:45 p.m.—Book review
 5 p.m.—Popular program
 8 p.m.—Musical program
 10 p.m.—Dance program
 10:30 p.m.—Jack and Jill Dance Band
 11:30 p.m.—Weather and police news

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **1000 Watts**

Oakland Educational Society, Oakland, Cal.
 8 to 8:30 a.m.—Popular recordings
 8:30 to 9 a.m.—Dr. Wade Forrester answering
 health questions
 11 to 12 noon—Cy Perkins Kountry Stoar
 1:30 to 2 p.m.—United Grocers' program
 2 to 2:30 p.m.—Vocal solos and duets by Beth
 and Mildred
 2:30 to 3 p.m.—David Wollner, violinist; Har-
 riett Pool, organist
 3 to 3:30 p.m.—Cy Perkins' Kountry Stoar, pre-
 senting Amsterdam Orchestra and vocalists
 3:30 to 4 p.m.—Fred Laam, banjoist; Ivan Laam,
 violinist; Bill Simmons, "yodeling cowboy"
 4 to 4:30 p.m.—The "Ne'er Do Well"
 4:30 to 5 p.m.—Walter McCoy & Luella Cooper
 5 to 6 p.m.—Dr. W. Forrester's Hour
 7:30 to 8 p.m.—Doc Herrold's Shopping Hour
 8 to 9 p.m.—Bible drama; musical selections
 9 to 10 p.m.—Louie Margie's stringed trio
 10 to 10:05 p.m.—Union Mutual Life program
 10:05 to 11 p.m.—Toutjan's Variety program

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

Radio Entertainments, San Francisco, Calif.
 7 to 8 a.m.—Health exercises
 9 to 9:30 a.m.—Cal King's Country Store
 9:30 to 10 a.m.—Recordings and announcements
 10 to 10:30 a.m.—Charlie Glenn, "Old Songs"
 10:30 to 10:50 a.m.—Dr. Linebarger, health talk
 10:50 to 11 a.m.—News, weather, police reports
 12 to 1 p.m.—Dance music
 1 to 1:30 p.m.—Cal King's Country Store
 6 to 6:15 p.m.—Recordings
 6:15 to 6:30 p.m.—Norma Lee, contralto
 6:30 to 6:45 p.m.—Radio question box
 6:45 to 7:15 p.m.—Mabel H. Payne, soprano
 7:15 to 7:30 p.m.—Banjo Boys, Henry and Tom
 11 to 12 midnight—New Shanghai Orchestra
 12 to 1 a.m.—Midnight Classics

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

L. A. Evening Express, Los Angeles, Calif.
 1 to 1:30 p.m.—French lessons by Edgard Leon
 1:30 to 2 p.m.—Reading interesting books
 2 to 2:30 p.m.—Records and announcements
 2:30 to 3 p.m.—French lessons by Edgard Leon
 3 to 3:30 p.m.—Organ program
 3:30 to 4 p.m.—Louise Johnson, astroanalyst
 4 to 4:30 p.m.—Bundy & Albright program
 4:30 to 5 p.m.—C. P. R.'s musical program
 5 to 5:15 p.m.—Travelogue
 5:15 to 5:45 p.m.—Ken's Kiddie Hour
 5:45 to 6 p.m.—Timely amusement tips
 6 to 6:30 p.m.—Organ program
 6:30 to 7 p.m.—KNX String Ensemble
 7 to 7:30 p.m.—Courtesy program
 7:30 to 8 p.m.—KNX feature program
 8 to 10 p.m.—Program presenting KNX artists
 10 to 12 midnight—Hotel Ambassador orchestra
 12 to 1 a.m.—Dorado Club dance hour

280.2 Meters **KJBS** **Channel 107**
1070 Kcys. **100 Watts**

J. Brunton & Sons, San Francisco, Calif.
 6:45 to 8 a.m.—Alarm Klock Klub
 8 to 9:30 a.m.—Favorite recordings
 9:30 to 10 a.m.—Salon Orchestra
 10 to 11:45 a.m.—Popular recorded selections
 12 to 2 p.m.—Stock report; records
 2 to 2:30 p.m.—Dell Raymond and Oscar Young
 2:30 to 3 p.m.—Popular records
 3 to 3:30 p.m.—Blindcraft program
 3:30 to 5:30 p.m.—Records; Shirley Dale

THURSDAY Programs

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**
 Copyright, 1930, E. C. Anthony, Inc., L. A.
 7:30 a.m.—Opening market quotations
 7:45 a.m.—Gertrude Gusselle
 8 a.m.—Shell Happy Time from KPO
 9 a.m.—Sadye Nathan beauty talks
 9:15 a.m.—Sylvia & Al
 9:45 a.m.—"Betty Crocker," NBC
 10 a.m.—Woman's Magazine, NBC
 11 a.m.—Standard School broadcast, NBC
 11:45 a.m.—French lesson by Annette Doherty
 12 noon—U. S. Dept. of Agriculture talks
 12:15 p.m.—Federal and state market reports
 2:15 p.m.—Winnie Fields Moore, travelogue
 3:30 p.m.—Tea Time tales
 4:30 p.m.—Big Brother
 5 p.m.—Baron Keyes, "The Story Man"
 5:45 p.m.—Stock market reports
 6 p.m.—Seiberling Singers, NBC
 6:30 p.m.—Virginia Flohri and string quartette
 7 p.m.—Radio Victor, NBC
 7:30 p.m.—Standard Symphony, NBC
 8:30 p.m.—North American Ensemble
 9:30 p.m.—Packard concert orchestra
 11 p.m.—KFI news bureau

361.2 Meters **KOA** **Channel 83**
830 Kcys. **12,500 Watts**
 General Electric Co., Denver, Colorado
 5 to 6 p.m.—Fleischmann Hour
 6 to 6:30 p.m.—Seiberling Singers
 6:30 to 7 p.m.—Maxwell House Melodies
 7 to 8 p.m.—Victor program
 8 to 8:30 p.m.—Conoco Adventures
 8:30 to 8:45 p.m.—Amos 'n' Andy
 8:45 to 9 p.m.—Park Lane Hotel mixed quartet
 9 to 9:30 p.m.—The Black Fear
 9:30 to 10 p.m.—The Olympians
 10 to 11 p.m.—National Concert Orchestra

508.2 Meters **KHQ** **Channel 59**
590 Kcys. **1000 Watts**
 Louis Wasmer, Inc., Spokane, Washington
 6:45 to 7 a.m.—Inspirational service
 7 to 7:30 a.m.—Peppy morning varieties
 7:30 to 8 a.m.—Headliners
 8 to 9 a.m.—Shell Happy Time
 9 to 9:45 a.m.—Musical bazaar
 9:45 to 10 a.m.—B. Crocker Gold Medal talks
 10 to 11 a.m.—Magazine of the Air, NBC
 11 to 11:45 a.m.—Standard School broadcast
 11:45 to 12 noon—Winifred Rhoades, organist
 12 to 12:15 p.m.—Nat'l Sav. luncheon program
 12:15 to 12:30 p.m.—Brick Bats and Bouquets
 12:30 to 1 p.m.—Gold Seal program
 1 to 1:30 p.m.—"Down Memory Lane"
 1:30 to 1:45 p.m.—Studio doings
 1:45 to 2 p.m.—Fur Facts
 2 to 3 p.m.—"With the Classics"
 3 to 3:30 p.m.—Album Symphonies
 3:30 to 4 p.m.—Paint o' Mine
 4 to 5 p.m.—Happy Harmonies
 5 to 6 p.m.—Fleischmann Sunshine Hour, NBC
 6 to 6:30 p.m.—Seiberling Singers, NBC
 6:30 to 7 p.m.—Maxwell House Melodies
 7 to 7:30 p.m.—Victor Hour, NBC
 7:30 to 8:30 p.m.—Standard Symphony, NBC
 8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
 8:45 to 9 p.m.—Sport news
 9 to 9:30 p.m.—So-A-Tone broadcast
 10 to 11 p.m.—Associated Brass Band
 11 to 12 midnight—Just Another Hour

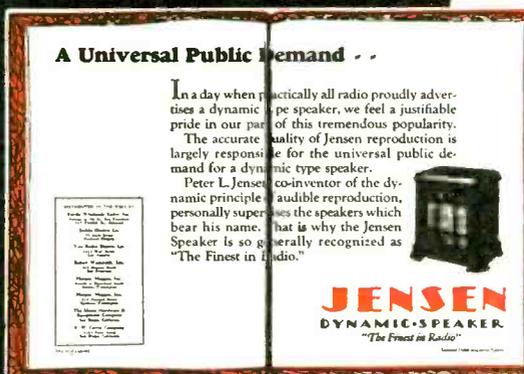
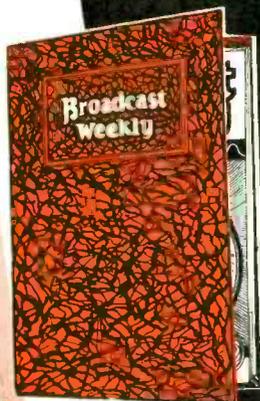
340.7 Meters **KLX** **Channel 88**
880 Kcys. **500 Watts**
 Tribune Publishing Co., Oakland, Calif.
 7 to 8 a.m.—Exercises and entertainment
 7:35 a.m.—Opening N. Y. stocks
 8 to 9 a.m.—Jean Kent
 9 to 9:30 a.m.—Modern Homes period
 9:30 to 10:15 a.m.—Health questions answered
 10:15 to 10:30 a.m.—S. F. stocks and weather
 10:30 to 11 a.m.—Recordings
 11 to 12 noon—Classified adv hour
 12 to 1 p.m.—Machado's KLX Hawaiians
 1 to 2 p.m.—Jean's Hi-Lights
 2 to 2:55 p.m.—Recordings
 2:55 to 3 p.m.—Closing S. F. stocks
 3 to 3:30 p.m.—Helen Parmelee, pianist
 3:30 to 4:30 p.m.—Recordings
 4:30 to 5 p.m.—Chas. T. Besserer, organist
 5 to 5:30 p.m.—Brother Bob's Club
 5:30 to 6 p.m.—Edgar Russell
 6 to 7 p.m.—Hotel Oakland concert trio
 7 to 7:30 p.m.—News items
 7:30 to 8 p.m.—Ethel Rhinard and Cora Scott
 8 to 8:30 p.m.—Novelty Five
 8:30 to 9 p.m.—"The Melody Man"
 9 to 9:30 p.m.—Gospel hymns by J. Goodman, tenor, and Helen Parmelee, pianist
 9:30 to 10:30 p.m.—Machado's KLX Hawaiians
 10:30 to 12 midnight—Dance records

296.6 Meters **KQW** **Channel 101**
1010 Kcys. **500 Watts**
 First Baptist Church, San Jose, Calif.
 9:30 a.m.—U. S. weather report
 9:30 to 10:30 a.m.—Helpful Hour
 10:30 to 11 a.m.—Helpful Hints to Housewives
 11 to 11:45 a.m.—Community programs
 11:45 to 12 noon—Recordings
 12 to 12:30 p.m.—Carl's Hawaiians
 12:30 to 1 p.m.—Market reports, weather
 1 to 1:30 p.m.—Hart's Happy Half Hour
 1:30 to 2:30 p.m.—The Friendly Hour
 2:30 to 3:30 p.m.—Musical program
 4:45 to 5:15 p.m.—Children's program
 5:15 to 5:30 p.m.—Painless Parker's health talk
 5:30 to 6 p.m.—San Jose Radionics Institute
 6 to 6:10 p.m.—U. S. D. A. farm flashes
 6:10 to 6:30 p.m.—Coöperative market reports
 6:30 to 6:45 p.m.—Market reports
 6:45 to 6:55 p.m.—Farm reporter
 6:55 to 7 p.m.—Farmers' Exchange
 7 to 8 p.m.—Farm Bureau evening radio news
 8 to 9 p.m.—Songs of the Old Church Choir

204 Meters **KGA** **Channel 147**
1470 Kcys. **5000 Watts**
 Northwest Radio Serv. Co., Spokane, Wash.
 8 a.m.—News and records
 9 a.m.—Popular records
 10 a.m.—Concert
 11 a.m.—Organ recital
 12 noon—Grain, news and music
 1 p.m.—Master musicale
 2 p.m.—Radio matinee
 3 p.m.—Popular melange
 3:30 p.m.—Tea Hour concert
 4 p.m.—Gift program
 5 p.m.—World Bookman, Uncle Andy
 5:30 p.m.—Dinner Hour
 6 p.m.—Melody Aces
 7 p.m.—Damski's "Old Timer" concert; Ellen Reep, contralto; Sydney Dixon, tenor; John Pearson
 8 p.m.—Ensemble; Carrie Andrew, tenor
 9 p.m.—Orpheus Quintet; Betty Anderson, soprano; Jean Kantner, baritone
 10 p.m.—Request program

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FRIDAY Programs

NBC

National Broadcasting Company

10 to 10:15 a.m.—Du Barry Radio Program
Stressing particularly the importance of patient, daily care in the use of home beauty treatments, Doris Hale will speak over KGO, KHQ, KOMO, KGW, KFI and KSL.

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

Cheese squares, a tempting tid-bit which is decidedly appetizing, and a cornmeal soufflé will be described by Ann Holden and the M. J. B. Chef is scheduled to give his listeners a Valentine when the “Women's Magazine of the Air” is broadcast. Bennie Walker will conduct the broadcast, which offers Miss Holden and the M. J. B. Chef during the Kraft, Alpine and M. J. B. Features.

Musical selections, both vocal and instrumental, will complete the program, broadcast through KGO, KGW, KPO and KFI for the full hour and through KHQ and KOMO from 10:30 to 11:10 a.m.

1 to 2 p.m.—Pacific Feature Hour, KGO and KOMO.

3:30 to 4 p.m.—What's Happening in the World
KGO, KOMO and KGW

5 to 6 p.m.—Cities Service Concert Orchestra and the Cavaliers, KGO, KHQ, KOMO, KGW and KECA

6 to 6:30 p.m.—Interwoven Pair
Billy Jones and Ernie Hare make up the personnel of the Interwoven Pair, who will sing and make “wise cracks” for western listeners through KGO, KHQ, KOMO, KGW and KFI.

6:30 to 7 p.m.—Armour Program
Joseph Koestner will conduct a 30-piece orchestra during the weekly Armour program broadcast from Chicago. A mixed chorus and soloists will be heard also. Broadcast through KGO, KHQ, KOMO, KGW and KFI.

7 to 7:30 p.m.—Armstrong Quakers
Lois Bennett, soprano, will play the part of the hostess. She will be assisted by Mary Hopple, contralto, a male quartet, and Victor Arden's Orchestra. Broadcast through KGO, KHQ, KOMO, KGW and KFI.

7:30 to 8 p.m.—Smith Ballew and His Club
Richman Orchestra, KGO and KHQ

8 to 8:15 p.m.—Hamilton Brown Sketch Book
Originating in NBC's Chicago studios, this program will be heard in the West through KGO, KHQ, KOMO, KGW and KECA.

8:30 to 8:45 p.m.—Amos 'n Andy
Broadcast through KGO, KGW, KOMO, KHQ and KECA.

8:45 to 9 p.m.—John and Ned
John and Ned will welcome their friend, “Little Mary,” to the studio during the program. She will assist the team in entertaining the radio audience. Broadcast through KGO, KHQ, KOMO, KGW and KECA.

9 to 9:30 p.m.—Piano Pictures
Aileen Fealy has written the continuity which will be heard during her two-piano concert with Phyllida Ashley over KGO and KHQ.

9:30 to 10 p.m.—NBC Green Room
Grace LePage, soprano, will divide honors with the Arion Trio in the Green Room presentation over KGO, KHQ and KOA.

10 to 10:30 p.m.—In the Parlor

The setting for these weekly socials is the flat of Mr. and Mrs. Sylvestre Updike. They and their friends contribute vocal or instrumental numbers for their mutual entertainment. Bobbe Deane and Ben McLaughlin play the roles of the Updikes in this comedy sketch written by H. C. Connette. Broadcast through KGO, KHQ, KOMO, KECA and KOA.

10:30 to 11 p.m.—Pacific Nomads

Charles Hart will lead his Pacific Nomads into classical realms tonight where his music-makers will find many treasures which they will bring to the NBC System radio audience over KGO, KHQ and KOA.

11 to 12 p.m.—Laughner-Harris Hotel St. Francis Dance Orchestra, KGO and KOMO

468.5 Meters
640 Kcys.

KFI

Channel 64
5000 Watts

Copyright, 1930, E. C. Anthony, Inc., L. A.

7 a.m.—“Making Merry with Sperry”

7:30 a.m.—Opening market quotations

8 a.m.—Shell Happy Time

9 a.m.—Bess Kilmner's Helpful Hints

9:30 a.m.—Spanish lesson

9:45 a.m.—English lesson

10 a.m.—Du Barry Radio talks, NBC

10:15 a.m.—Chester Foster Rand

10:30 a.m.—Woman's Magazine, NBC

11:30 a.m.—“Mental Exercises,” Hancock

12 noon—U. S. Dept. of Agriculture talks

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

12:25 p.m.—Franklin L. Graves, talk

2:15 p.m.—Winnie Fields Moore, travelogue

2:30 p.m.—Hall's Chinese Cafe Orchestra

3:45 p.m.—Wedgewood Nowell's Club

4:30 p.m.—Big Brother

5 p.m.—Baron Keyes, “The Story Man”

5:30 p.m.—E. H. Rust, nurse-ryman

5:45 p.m.—Stock market reports

6 p.m.—Interwoven Pair, NBC

6:30 p.m.—The Armour Hour, NBC

7 p.m.—Armstrong Quakers, NBC

7:30 p.m.—Paul Roberts & Schonberger Trio

8 p.m.—William Don, comedian

8:30 p.m.—Nick Harris

9:30 p.m.—Tom Terries, movie director

10 p.m.—Symphonette, Jean Dunn, soloist

11 p.m.—KFI news bureau

265.3 Meters
1130 Kcys.

KSL

Channel 113
5000 Watts

Radio Service Corp., Salt Lake City, Utah

5 p.m.—“Cities Service,” NBC

6 p.m.—Interwoven Pair, NBC

6:30 p.m.—Armour Ensembles, NBC

7 p.m.—Armstrong Quakers, NBC

7:30 p.m.—Studio program

8 p.m.—Musical moments

8:30 p.m.—Amos 'n' Andy, NBC

9 p.m.—Tribune Entertainers

10 p.m.—Radio-Keith-Orpheum frolic

11 to 12 midnight—Request Hour

204 Meters
1470 Kcys.

KGA

Channel 147
5000 Watts

Northwest Radio Serv. Co., Spokane, Wash.

2 p.m.—Popular melange

3:30 p.m.—Tea Hour concert

4 p.m.—Gift program

5 p.m.—World Bookman

6 p.m.—Hometowners' Orchestra; Marjorie Rob-

illard, piano; Glen Eaton, tenor

7 p.m.—Melody Aces

8 p.m.—Ensemble; Dwight Heter, baritone

9 p.m.—Damski's Neapolitans

10 p.m.—Request program

FRIDAY Programs

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

Don Lee, Inc., San Francisco, Calif.

- 7 to 7:30 a.m.—Seal Rocks broadcast
- 7:30 to 8 a.m.—Bill Wright, "The Laughfinder"
- 8 to 8:15 a.m.—Recordings
- 8:15 to 8:30 a.m.—Columbia Salon Orchestra
- 8:30 to 9 a.m.—The Week Enders, CBS
- 9 to 9:30 a.m.—Columbia Salon Orchestra, CBS
- 9:30 to 10:30 a.m.—Feminine Fancies
- 10:30 to 11 a.m.—Wyn's daily chats
- 11 to 11:30 a.m.—Mary Lewis Haines
- 11:30 to 12 noon—Auditions
- 12 to 1 p.m.—Sherman & Clay noonday concert
- 1 to 1:30 p.m.—Leigh Harline, organist, DLBS
- 1:30 to 2 p.m.—Charlie Wellman, DLBS
- 2 to 3 p.m.—Happy-Go-Lucky Hour
- 3 to 3:15 p.m.—Musical Foursome, CBS
- 3:15 to 3:30 p.m.—Musical record program
- 3:30 to 3:35 p.m.—Something About Everything
- 3:35 to 4 p.m.—News items, lost and found
- 4 to 4:50 p.m.—Matinee Melody Masters, DLBS
- 4:50 to 5 p.m.—Recordings and town topics
- 5 to 5:30 p.m.—Hank Howe, DLBS
- 5:30 to 6 p.m.—Sunset Ensemble
- 6 to 6:15 p.m.—Al Santoro, sports
- 6:15 to 6:30 p.m.—Cecil Wright's specialties
- 6:30 to 7 p.m.—Charles W. Hamp for S. & W.
- 7 to 7:30 p.m.—Ballad Crooners, DLBS
- 7:30 to 8 p.m.—KFRC Dance Band
- 8 to 8:30 p.m.—Brown-Bit Footlight
- 8:30 to 9 p.m.—Lights and Shadows
- 9 to 10 p.m.—True Story Hour, CBS
- 10 to 10:15 p.m.—Gypsy and Marta
- 10:15 to 11 p.m.—Hotel Mark Hopkins orchestra
- 11 to 12 midnight—Val Valentine's orchestra;
 Gypsy and Marta, soloists
- 12 to 1 a.m.—Dance music

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

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

- 6:45 to 8 a.m.—"Pep and vigor" exercises
- 8 to 8:15 a.m.—Record program
- 8:15 to 8:30 a.m.—Inspirational talk
- 8:30 to 8:55 a.m.—"A Menu for Sunday Dinner"
- 9 to 9:30 a.m.—Bundy & Abright program
- 9:30 to 10 a.m.—Radio shopping news
- 10 to 10:30 a.m.—Town Crier's message
- 10:30 to 10:45 a.m.—Madame Marie, beauty talk
- 10:45 to 11 a.m.—Courtesy program
- 11 to 11:15 a.m.—Dr. John Matthews
- 11:15 a.m.—Better Business Bureau talk
- 12 to 12:30 p.m.—Marjorie Healy, soprano; Mae-belle Leslie, accompanist
- 12 to 12:30 p.m.—KNX String Ensemble
- 12:30 to 12:45 p.m.—H. F. Allen
- 1:30 to 2 p.m.—Reading interesting books
- 2 to 2:30 p.m.—Records and announcements
- 3 to 3:10 p.m.—Joyce Coad, little movie star
- 3:15 to 3:30 p.m.—Recordings
- 3:30 to 4 p.m.—Women's Clubs' program
- 4:30 to 5 p.m.—C. P. R.'s musical program
- 5 to 5:15 p.m.—Travelogue
- 5:15 to 5:45 p.m.—Ken's Kiddie Hour
- 5:45 to 6 p.m.—Timely amusement tips
- 6 to 6:30 p.m.—Organ program
- 6:30 to 7 p.m.—KNX String Ensemble
- 7:30 to 8 p.m.—Fidelity Sav. and Loan Ass'n
- 8 to 9 p.m.—Royal Order of Optimistic Do-Nuts
- 9 to 9:45 p.m.—The "Lion Tamers'" program
- 9:45 p.m.—Hollywood Legion Stadium event
- 10 to 12 midnight—Hotel Ambassador orchestra
- 12 to 1 a.m.—Dorado Club dance hour

340.7 Meters
880 Kcys.

KLX

Channel 88
500 Watts

Tribune Publishing Co., Oakland, Calif.

- 7 to 8 a.m.—Exercises and entertainment
- 7:35 a.m.—Opening N. Y. stocks
- 8 to 9 a.m.—Jean Kent
- 9 to 9:30 a.m.—Modern Homes period
- 9:30 to 10:15 a.m.—Records
- 10:15 to 10:30 a.m.—S. F. stocks, weather
- 10:30 to 11 a.m.—Recordings
- 11 to 12 noon—Classified adv hour
- 12 to 1 p.m.—Machado's KLX Hawaiians
- 1 to 2 p.m.—Jean's Hi-Lights
- 2 to 2:55 p.m.—Recordings
- 2:55 to 3 p.m.—Closing S. F. stocks
- 3 to 3:30 p.m.—Ethel Rhinard, pianist
- 3:30 to 4:26 p.m.—Records
- 4:20 to 4:30 p.m.—Belco talk
- 4:30 to 5 p.m.—Chas. T. Besserer, organist
- 5 to 5:30 p.m.—Brother Bob's Club
- 5:30 to 6 p.m.—Edgar Russell
- 6 to 7 p.m.—Hotel Oakland concert trio
- 7 to 7:30 p.m.—News items
- 7:30 to 8 p.m.—"The Melody Man"
- 8 to 10 p.m.—Hi-Jinks—Machado's Hawaiians;
 Novelty Five; Howard Peterson, xylophonist;
 lost and found, piano duo; Ethel Rhinard,
 pianist; Cora Scott, contralto; Jean Scott,
 monologist; Togo and Fugii, two Japanese
 gentlemen; Dell Sisters, harmony team; Elisa-
 beth Frellesen, guitar girl; Ed and Cease;
 Lena Genester, the dumb KL janitress
- 10 to 11 p.m.—Fleur-de-Lis dance orchestra
- 11 to 12 midnight—Dance records

333.1 Meters
900 Kcys.

KHJ

Channel 90
1000 Watts

Don Lee, Inc., Los Angeles, California

- 9 to 9:15 a.m.—Marjorie Fisher, pianist
- 9:15 to 9:30 a.m.—Recordings
- 9:30 to 10:30 a.m.—Feminine Fancies, KFRC
- 10:30 to 11 a.m.—Times Forum
- 11 to 11:30 a.m.—Agnes White, "At Our House"
- 11:30 to 12 noon—Recordings
- 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.—Leigh Harline's organ recital
- 1:30 to 2 p.m.—Charlie Wellman
- 2 to 3 p.m.—Recordings
- 3 to 3:15 p.m.—Talk on dogs
- 3:15 to 3:30 p.m.—Dr. Herzog's school program
- 3:30 to 4 p.m.—International Relations
- 4 to 4:50 p.m.—Matinee Melody Masters
- 4:50 to 5 p.m.—World-wide news
- 5 to 5:30 p.m.—Sunset Ensemble
- 5:30 to 6 p.m.—Dance band
- 6 to 6:30 p.m.—Organ recital, with singer
- 6:30 to 7 p.m.—Chas. Hamp
- 7 to 7:30 p.m.—"Ballad Crooners"
- 7:30 to 8 p.m.—Desmond's light opera program
- 8 to 8:30 p.m.—Brown Shoe program
- 8:30 to 9 p.m.—Orchestra with singers
- 9 to 10 p.m.—True Story Hour, CBS
- 10 to 10:05 p.m.—World-wide news
- 10:05 to 12 midnight—Biltmore Hotel dance orch
- 12 to 1 a.m.—Wesley Tourtellotte's organ recital

280.2 Meters
1070 Kcys.

KJBS

Channel 107
100 Watts

- J. Brunton & Sons, San Francisco, Calif.**
- 6:45 to 8 a.m.—Alarm Clock Klub
 - 8 to 10:45 a.m.—Records
 - 11 to 2 p.m.—Variety records; stocks
 - 2 to 2:30 p.m.—Ari Lorenz, Lucille Gordon and Blair Kent
 - 4 to 4:30 p.m.—Records; Shirley Dale
 - 4:30 to 5 p.m.—Barnes Sunset Revue
 - 5 to 5:30 p.m.—Popular records

FRIDAY Programs

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

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises
9 to 9:30 a.m.—Cal King's Country Store
9:30 to 10 a.m.—Recordings and announcements
10 to 10:30 a.m.—Charlie Glenn, "Old Songs"
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—News, weather, police reports
11 to 11:30 a.m.—Peppy Ray Batz
11:30 to 12:15 p.m.—Semi-classical recordings
12:15 to 12:30 p.m.—Nearing Sisters and Ramona Saxe
12:30 to 12:45 p.m.—Nadine Chriss, pianologue
12:45 to 1 p.m.—Florence Lorraine, ballads
1 to 1:30 p.m.—Cal King's Country Store
6 to 6:45 p.m.—Zay Bevirt, piano instruction
6:45 to 7 p.m.—Johnny Oliver's Hawaiian Trio
7 to 7:15 p.m.—"The Oakleys," radio skit
7:15 to 7:30 p.m.—Johnny Oliver's Hawaiian Trio
8:30 to 8:45 p.m.—Variety recordings
8:45 to 9 p.m.—Kelly's Tavern program
9 to 10 p.m.—Hour of opera
10 to 11 p.m.—Paul Kelli's dance orchestra
11 to 12 midnight—New Shanghai Orchestra
12 to 1 a.m.—Midnight Classics

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **1000 Watts**
Oakland Educational Society, Oakland, Cal.

8 to 8:30 a.m.—Popular recordings
8:30 to 9 a.m.—Helen Jewell, organist
1:30 to 2:30 p.m.—Musical program
2:30 to 3 p.m.—Walter McCoy & Luella Cooper
3 to 3:30 p.m.—Cy Perkins' Kountry Stoar; Lois Feeley, vocalist; Ray Hansen, vocalist; Evelyn Mathewson, Mirandy; Cy Perkins himself
3:30 to 4 p.m.—Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, "yodeling cowboy"
4 to 4:30 p.m.—The "Ne'er Do Well"
4:30 to 5 p.m.—Paul Heinsen, vocalist; Charlie Biuschke, pianist
5 to 6 p.m.—Dr. Wade Forrester
7:30 to 8 p.m.—Doc Herrold's Shopping Hour
8 to 8:30 p.m.—"Romance of Oakland"

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

6:45 to 7 a.m.—Radio time clock
7 to 8 a.m.—Eye Opener program
8 to 9:30 a.m.—Recorded program
9:30 to 10 a.m.—Home Economics
10 to 10:15 a.m.—Candoris Guild
10:15 to 11 a.m.—Musical program
11 to 12 noon—"The Carnival"
12 to 1:30 p.m.—Chamber of Commerce luncheon
1:30 to 2:30 p.m.—Popular melodies
2:30 to 3:30 p.m.—KOL Matinee
3:30 to 4:30 p.m.—"Musical Side Show"
4:30 to 5 p.m.—Mr. Fixit and news items
5 to 6 p.m.—Service Hour
6 to 6:30 p.m.—Dinner Hour program
6:30 to 6:55 p.m.—KOL Players
6:55 to 7 p.m.—Stocks
7 to 8 p.m.—Maud Nickerson; Hawaiian Trio; Helen O'Laughlin; Lurlene Day; Jack Davis
8 to 8:15 p.m.—Rena Robinson
8:15 to 8:30 p.m.—Hallene Porter
8:30 to 10:30 p.m.—Ice Hockey
10:30 to 12 midnight—KOL Frolic

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

Hale Bros. & The Chronicle, San Francisco

7 to 8 a.m.—Health exercises by Hugh Barrett
Dobbs and William H. Hancock
8 to 9 a.m.—Shell Happy Time by Hugh Barrett
Dobbs and William H. Hancock
9:30 to 10 a.m.—Dobbsie's daily chat
10 to 10:30 a.m.—Theodore Strong, organist
10:30 to 11:30 a.m.—Magazine of the Air
11:30 to 11:45 a.m.—Clarence Tolman, tenor, and Merton Bories, pianist
11:45 to 12:05 p.m.—Scripture; announcements
12:05 to 12:45 p.m.—Saul Sieff and Wilbur Stump, pianist
12:45 to 1:30 p.m.—Commonwealth Club
1:30 to 2 p.m.—Jerry Jermaine, balladist
2 to 2:10 p.m.—Stock market quotations
2:10 to 3 p.m.—"Two Ten" variety
4 to 4:50 p.m.—Theodore Strong, organist, and Dorothy Lewis, contralto
4:50 to 5 p.m.—Stock reports
5 to 5:50 p.m.—Children's Hour
5:50 to 6 p.m.—News digest, "Scotty" Mortland
6 to 7 p.m.—Reo Masters of Music
7 to 8 p.m.—North Americans
8 to 8:30 p.m.—Back Home program, "Virginy"
8:30 to 9 p.m.—The Sequoians and the Sparklers
9 to 9:10 p.m.—Cecil and Sally
9:10 to 10 p.m.—Cy Trobbe's Scrap Book with Gretchen Brendel, contralto
10 to 11 p.m.—Jesse Stafford's dance orchestra
11 to 12 p.m.—Jess Norman's San Franciscans

254.1 Meters **KEX** **Channel 118**
1180 Kcys. **5000 Watts**

Western Broadcasting Co., Portland, Ore.

4 p.m.—Classical program
5 p.m.—Children's Hour
6 p.m.—Glen Eaton, tenor; Marjorie Robillard, piano
7 p.m.—Northwest Salon Orchestra; Sidney Dixon, tenor; Agatha Turley, soprano; Jan Naylor, cello; Ernest Gill, violin
9 p.m.—Studio program
10 p.m.—Dance program
10:30 p.m.—Jack and Jill program

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

The Morning Oregonian, Portland, Oregon

9:30 to 10 a.m.—The Town Crier
10 to 10:15 a.m.—Dubarry talk
10:15 to 10:30 a.m.—Town Crier
10:30 to 11:30 a.m.—"Woman's Magazine," NBC
11:30 to 12 noon—Ghirardelli
12 to 12:30 p.m.—Powers' Pied Piper
12:30 to 12:45 p.m.—Studio program
12:45 to 1:30 p.m.—City Club of Portland
1:30 to 1:45 p.m.—U. S. market report
1:45 to 2:30 p.m.—Masterworks
2:30 to 3:30 p.m.—Musical Musketeers, NBC
3:30 to 4 p.m.—What's Happening, NBC
4 to 4:30 p.m.—Stewart Warner program
4:30 to 5 p.m.—Service Hour
5 to 6 p.m.—Cities Service program, NBC
6 to 6:30 p.m.—Interwoven Stocking, NBC
6:30 to 7 p.m.—Armour program, NBC
7 to 7:30 p.m.—Armstrong Quakers
7:30 to 8 p.m.—The Old-Fashioned Millers
8 to 8:15 p.m.—Hamilton Brown Sketch Book
8:15 to 8:30 p.m.—Fiddlers Three
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
8:45 to 9 p.m.—John and Ned, NBC
9 to 10 p.m.—Studio program
10 to 10:10 p.m.—Cecil and Sally
10:10 to 10:40 p.m.—Chas. F. Berg
10:30 to 12 midnight—Hoot Owls

FRIDAY Programs

309.1 Meters Channel 97
970 Kcys. KOMO 1000 Watts
Fisher's Blend Station, Inc., Seattle, Wash.

6:55 a.m.—Inspirational Services
 7 a.m.—Making Merry with Sperry
 8 a.m.—Shell Happy Time
 9 a.m.—Y. M. C. A. Health Exercises
 9:15 a.m.—Organ recital
 10 a.m.—Dubarry Radio Talk, NBC
 10:15 a.m.—Agnes Skartvedt and Perdin Korsmo
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:10 a.m.—Orchestra; Fred Lynch and VeOna Socolofsky
 12 noon—Dairymen and Poultrymen Visits
 12:15 p.m.—What to Prepare for Dinner
 12:30 p.m.—Fruit and vegetable reports
 12:35 p.m.—Orchestra; contralto soloist
 1 p.m.—Pacific Feature Hour, NBC
 2 p.m.—Orchestra; G. Mitchell, baritone
 3:30 p.m.—What's Happening in the World
 4 p.m.—Mining stock quotations
 4:15 p.m.—Stock, bond and grain quotations
 4:30 p.m.—Vocal ensemble recital
 5 p.m.—Cities Service Co., NBC
 6 p.m.—Interwoven Pair, NBC
 6:30 p.m.—The Armour Hour, NBC
 7 p.m.—Armstrong Quakers, NBC
 7:30 p.m.—Orchestra; Marye Burns, soloist
 8 p.m.—Hamilton Brown Sketch Book
 8:30 p.m.—Amos 'n' Andy, NBC
 8:45 p.m.—John and Ned, NBC
 9 p.m.—Mozart Concert Hour
 10 p.m.—"In the Parlor," NBC
 10:45 p.m.—News Flashes
 11 p.m.—Olympic Hotel Dance Orchestra
 11:15 p.m.—Laughner-Harris Dance Orchestra
 12 to 12:30 a.m.—Organ recital

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

6:45 to 7 a.m.—Inspirational service
 7 to 8 a.m.—Making Merry with Sperry
 8 to 9 a.m.—Shell Happy Time
 9 to 9:30 a.m.—"With the Music Masters"
 9:30 to 10 a.m.—The Chocolate Girl
 10 to 10:15 a.m.—Du Barry program, NBC
 10:15 to 10:30 a.m.—Miss Modern
 10:30 to 11:10 a.m.—Magazine of the Air, NBC
 11:10 to 12 noon—Farmers' Service Hour
 12 to 12:15 p.m.—Nat'l Sav. luncheon program
 12:15 to 12:30 p.m.—Brick Bats and Bouquets
 12:30 to 1 p.m.—Gold Seal program
 1 to 1:30 p.m.—"Down Memory Lane"
 1:30 to 1:45 p.m.—Studio doings
 1:45 to 2 p.m.—Fur Facts
 2 to 3 p.m.—Gems from Sartori
 3 to 3:30 p.m.—Album Symphonies
 3:30 to 4 p.m.—"Paint o' Mine" period
 4 to 5 p.m.—Happy Harmonies
 5 to 6 p.m.—Cities Service Hour, NBC
 6 to 6:30 p.m.—Interwoven Pair, NBC
 6:30 to 7 p.m.—Armour program, NBC
 7 to 7:30 p.m.—Armstrong Quakers, NBC
 7:30 to 8 p.m.—Club Richman Orchestra, NBC
 8 to 8:15 p.m.—Hamilton Brown program, NBC
 8:15 to 8:30 p.m.—Studio program
 8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
 8:45 to 9 p.m.—John and Ned, NBC
 9 to 9:30 p.m.—Piano Pictures, NBC
 9:30 to 10 p.m.—NBC Green Room, NBC
 10 to 10:30 p.m.—In the Parlor, NBC
 10:30 to 11 p.m.—Pacific Nomads, NBC
 11 to 12 midnight—Just Another Hour

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

8 to 9 a.m.—Reveille
 9 to 9:30 a.m.—Meet the Folks
 10 to 10:15 a.m.—Du Barry Radio talk
 10:15 to 10:30 a.m.—Recitalists
 10:30 to 11:30 a.m.—Magazine of the Air
 11:30 to 12 noon—Philharmonic organ recital
 12 to 1 p.m.—Rembrandt Trio
 1 to 2 p.m.—Pacific Feature Hour
 2 to 2:30 p.m.—Matinee Time
 2:30 to 3 p.m.—Musical Musketeers
 3:30 to 4 p.m.—What's Happening in the World
 4 to 4:45 p.m.—Hotel St. Francis orchestra
 4:45 to 5 p.m.—News service
 5 to 6 p.m.—Cities Service concert
 6 to 6:30 p.m.—Interwoven Pair
 6:30 to 7 p.m.—Armour program
 7 to 7:30 p.m.—Armstrong Quakers
 7:30 to 8 p.m.—Club Richman Orchestra, NBC
 8 to 8:15 p.m.—Hamilton Brown Sketch Book
 8:15 to 8:30 p.m.—Fiddlers Three
 8:30 to 8:45 p.m.—Amos 'n' Andy
 8:45 to 9 p.m.—John and Ned
 9 to 9:30 p.m.—Piano Pictures
 9:30 to 10 p.m.—NBC Green Room
 10 to 10:30 p.m.—In the Parlor
 10:30 to 11 p.m.—Pacific Nomads
 11 to 12 midnight—Hotel St. Francis dance orchestra

361.2 Meters Channel 83
830 Kcys. KOA 12,500 Watts
General Electric Co., Denver, Colorado

5 to 6 p.m.—Cities Service concert orchestra and the Cavaliers
 6 to 6:30 p.m.—Interwoven Pair
 6:30 to 7 p.m.—Armour program
 7 to 7:30 p.m.—Armstrong Quakers
 7:30 to 8 p.m.—Bankers' Trust program
 8 to 8:15 p.m.—Hamilton Brown program
 8:30 to 8:45 p.m.—Amos 'n' Andy
 8:45 to 9 p.m.—Sally Mason in "New Songs"
 9 to 9:30 p.m.—The Stagecoachers
 9:30 to 10 p.m.—NBC Green Room
 10 to 10:30 p.m.—In the Parlor
 10:30 to 11 p.m.—The Pacific Nomads

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

1 to 1:30 p.m.—Hart's Happy Half Hour
 1:30 to 2:30 p.m.—The Friendly Hour
 2:30 to 3 p.m.—Helpful Hints to Housewives
 3 to 3:30 p.m.—Musical program
 4:45 to 5:15 p.m.—Children's program
 5:15 to 5:30 p.m.—Painless Parker's health talk
 5:30 to 6 p.m.—San Jose Radionics Institute
 6 to 6:10 p.m.—U. S. D. A. farm flashes
 6:10 to 6:30 p.m.—Crop digest
 6:30 to 6:45 p.m.—Market reports
 6:45 to 6:55 p.m.—Mercury-Herald sport review
 6:55 to 7 p.m.—Farmers' Exchange
 7 to 8 p.m.—Farm Bureau evening radio news
 8 to 9 p.m.—KQW Minstrels
 9 to 9:30 p.m.—Leda Gregory Jackson program

299.8 Meters Channel 100
1000 Kcys. KFVD 250 Watts
Auburn Fuller, Culver City, Calif.

8:45 p.m.—Tom and Wash
 9 p.m.—Happy-Go-Lucky Trio
 11 p.m.—Sebastian's Cotton Club Orchestra
 11:30 p.m.—Coffee Dan's
 12 midnight—Sebastian's Cotton Club Orchestra

Schedules of Distant Stations

All Times Shown Are P. M. Pacific Standard Time

Call—Kc—City	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
CNRR 960 Regina, Can.....			7-8		7-8		
CNRS 910 Saskatoon, Can...			7-8		7-8		
CNRE 580 Edmonton, Can...			7-8		7-8		
CNRC 690 Calgary, Can.....			7-8		7-8		
CNRV 1030 Vancouver.....		10-11	9-11:30	10-11	10-11	8:30-11:30	
KDKA 980 Pittsburg.....	6-9	6-10	6-8:30	6-10	6-10	6-9	6-8:30
KDYL 1290 Salt Lake.....	5-11	5-11	5-11	5-11	5-11	5-11	5-1a.m.
KFAB 770 Lincoln, Neb.....		8-9:30		8-9:30		8-9:30	8-9:30
KMOX 1090 St. Louis.....	6-10	6-10	6-10	6-10	6-10	6-10	6-10
KOIL 1260 Council Bluffs...	5-10	5-10	5-10	5-10	5-10	5-10	5-12
KRLD 1040 Dallas.....	9-10	9-10	9-10	8-9	8-9	8-9	7-10
KSTP 1460 St. Paul.....	6-10	6-10	6-10	6-11	6-10	6-10	6-11
KTBS 1450 Shreveport.....	6-9	6-9	6-9	6-9	6-9	6-9	6-9
KTBS 1040 Hot Springs.....	5-9	7-9	5-9	5-8 9-10	5-8 9-10	5-8 9-10	5-7
KVOO 1140 Tulsa, Okla.....	7-10	7-10	7-10	7-10	7-10	7-10	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
WBAP 800 Ft. Worth.....	8-10	7-10	5-7	7-10	5-7	7-10	5-7
WBBM 770 Glenview, Ill.....	5-7:30 10-11:30	6-8 10-11	6-11	6-8 10-11	6-11	6-8 10-11	6-11
WCCO 810 Minneapolis.....	5-10	5-10	5-10	5-10	5-10	5-10	5-11
WDAF 610 Kansas City.....	7-8	5-8 9-11	5-11	5-8 10-11	5-11	5-7 9-11	5-11
WEAF 660 New York City.....	6-9	6-9	6-9	6-9	6-9	6-9	6-9
WEEL 590 Boston.....	6-8	6-8	6-8	6-8	6-8	6-8	6-8
WENR 870 Chicago.....	5-11	5-12	5-12	5-12	5-12	5-12	5-12
WFAA 800 Dallas.....	5-8	5-7	7-10	5-7	7-10	5-7	7-10
WFLA-WSUN 900 Clearwtr		6-9	6-9	6-9	6-9	6-9	6-9
WGN 720 Chicago.....	5-10:30	5-11	5-11	5-10:30	5-11	5-11	5-12
WGY 790 Schenectady.....	6-7	8-9		5-7:30		5-7	
WHAM 1150 Rochester.....	5-8	5-9	5-9	5-9	5-9	5-9	5-9
WHAS 820 Louisville.....	6-10	6-10	6-10	6-10	6-10	6-10	6-10
WHK 1390 Cleveland.....	6-9	6-9	6-9	6-9	6-9	6-9	6-9
WHO 1000 Des Moines.....			6-9		6-9		6-9
WIP 610 Philadelphia.....	7-8	5-9		5-9		5-9	
WJR 750 Detroit.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WJZ 760 Bound Brook, N.J.	5-8	5-8	5-8	5-8	5-8	5-8	5-8
WLW 700 Cincinnati.....	5-9	5-10	5-10	5-10	5-10	5-10	5-10
WMAQ 670 Chicago.....	6-10	5-12	5-12	5-12	5-12	5-12	5-12
WOAI 1190 San Antonio.....	6-7	6-10	6-8	6-10	6-9	6-8	6-8
WOC 1000 Davenport.....	6-9	6-9		6-9		6-9	
WOR 710 Kearny, N. J.....	5-7	6-9	6-9	6-9	6-9	6-9	6-9
WOW 590 Omaha, Neb.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WPG 1100 Atlantic City.....	6-9	6-9	6-9	6-9	6-9	6-9	6-9
WRVA 1110 Richmond.....		6-9	6-9	6-9	6-9	6-9	6-9
WSB 740 Atlanta.....	6-8	6-10	6-10	6-10	6-10	6-10	6-10
WSM 650 Nashville.....	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
WWL 850 New Orleans.....	7-10	6-7	7-10	6-7	7-10	6-7	6-7

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SATURDAY Programs

NBC

National Broadcasting Company

9:45 to 10:30 a.m.—National Farm and Home Hour

Subjects of interest to agriculturists will be discussed during the National Farm and Home Hour to be broadcast from Washington and Chicago through KGO, KHQ, KOMO, KSL, KGW, KPO, (10 to 10:30 a.m.) and KFI.

1 to 2 p.m.—Dixie Dandies

The Dixie Dandies, comprising William Powers, tenor, Thelma Brown, pianist and vocalist, and the Southern Harmony Four, will offer an hour of Southern music over KGO, KOMO and KGW.

3:30 to 4 p.m.—Billy and the Gang

Meeting again in their clubhouse, the "Haunted Hut," Billy and the Gang will plan new "desperate deeds." Billy Page, as the "Big Skookum," heads the gang. He and his five young friends—all of them boys between the ages of 10 and 13—gather weekly at the "Haunted Hut" to discuss their basketball team and other important affairs. The group includes a harmonica player, a saxophonist and an animal imitator, who provide entertainment for their fellow club members. Broadcast through KGO and KOMO.

4 to 4:30 p.m.—Sherman and Link, KGO and KGW

4:30 to 4:45 p.m.—June De Roche, Dramatic Impersonations, KGO and KOMO

5 to 5:30 p.m.—"The New Business World"

Important activities in the realm of commerce will be considered by speakers who will appear before the microphone when the "New Business World" program is broadcast over the NBC System today from 5 to 5:30 o'clock, P. S. T.

Merle Thorpe, editor of Nation's Business, conducts this service for business men which will be released through KGO, KHQ, KOMO, KGW and KECA.

6 to 7 p.m.—General Electric Hour

"Iphigenia's Farewell," which is taken from Walter Damrosch's incidental music to "Iphigenia in Aulis," will be interpreted by Damrosch during the General Electric Hour of symphonic music and talk over the NBC System tonight through KGO, KHQ, KOMO, KGW and KFI.

7 to 8 p.m.—B. A. Rolfe and His Lucky Strike Orchestra

B. A. Rolfe and his Lucky Strike Orchestra will provide dance music for a coast-to-coast audience. This program of popular selections will be made available to western listeners through KGO, KHQ, KOMO, KGW and KFI.

8 to 8:30 p.m.—Pacific Serenaders

Signor Antonio de Grassi will be introduced to the radio audience as a composer as well as a violin soloist in the Pacific Serenader's offering over the NBC System, station KGO.

8 to 8:30 p.m.—Gilmore Circus

"Peanuts! Popcorn!" and the familiar ballyhoo of the "big tent" will resound again in the ears of circus lovers when the third Gilmore Circus is presented tonight.

This half-hour brings to radio auditors a reproduction of an actual circus, with many of the familiar people participating in the entertainment offerings. Animals, too, will be heard. Broadcast through KOMO, KGW, KPO and KFI.

8:30 to 8:45 p.m.—Amos 'n Andy, KGO, KGW, KOMO, KHQ and KECA

9 to 9:30 p.m.—"Launderland Lyrics"

Barbara Blanchard and Myron Niesley will be heard singing "What D'ya Say?" from "Scandals." Other offerings will consist of orchestra numbers, solos and duets, all of which are of the popular category drawn from the field of Broadway musical comedy successes, with the single exception of Niesley's solo, "I Fell Head over Heels." Broadcast through KGO, KHQ, KOMO, KGW and KFI.

9:30 to 10 p.m.—Hill Billy Boys

Every Saturday night the Hill Billy Boys gather in the general store where they spit "tobacker" juice on the stove, sing, play and talk together for the entertainment of NBC System listeners.

Tonight Clemmie and Charlie will head the group, which will be heard over KGO, KHQ and KGW.

10:15 to 11 p.m.—Tales Never Told

Dramatic vignettes suggested by the lyrics of "Feather Your Nest," "I Wish I Was in Peoria" and "Absence Makes the Heart Grow Fonder," will be unfolded tonight. The first skit is of a sentimental nature, the second is a broad comedy and the third presents a problem playlet. Mary Groom and Irving Kennedy will sing the songs accompanied by the NBC organist. Members of the National Players will enact the plays, written by Harry De Lasaux.

Broadcast through KGO, KHQ, KOMO, KECA and KOA.

11 to 12 p.m.—Musical Musketeers

Walter Beban and the Musical Musketeers will offer an hour of dance music through KGO.

468.5 Meters

KFI

Channel 64

640 Kcys.

5000 Watts

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7:30 a.m.—Opening market quotations

7:45 a.m.—Gertrude Gusselle

8 a.m.—Shell Happy Time from KPO

9 a.m.—Sylvia's Happy Hour

9:45 a.m.—National Farm and Home Hour, NBC

11:45 a.m.—French lessons by Annette Doherty

12 noon—U. S. Dept. of Agriculture talks

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

5:15 p.m.—Tom Mitchell

5:45 p.m.—Stock market reports

6 p.m.—General Electric Hour, NBC

7 p.m.—Lucky Strike Hour

8 p.m.—Gilmore Circus, NBC

8:30 p.m.—Earle C. Anthony, Inc., program,

KFI-KPO

9 p.m.—"Launderland Lyrics," NBC

9:30 p.m.—Forest Lawn Memorial Park program

11 p.m.—KFI Midnight Frolic

309.1 Meters

KJR

Channel 97

970 Kcys.

5000 Watts

Northwest Radio Service Co., Seattle, Wash.

10 a.m.—Varied program

12 noon—World in review

1 p.m.—Musical program

2:30 p.m.—Matinee Melodies

5:30 p.m.—Dinner concert

6 p.m.—Harmony Aces

7 p.m.—Agatha Turley, soprano; Sidney Dixon,

tenor; Arville Belstad, piano

7:30 p.m.—Dore Sisters, Novelty Duo

8 p.m.—Saturday Knights; Elmore Vincent,

tenor; Pearl Dempsey, piano

9 p.m.—Northwest Hour

10 p.m.—Ban and Jo; Agatha Turley, soprano;

Sydney Dixon, tenor; Elmore Vincent, tenor

10:30 p.m.—Vic Meyer's Club Victor Orchestra

SATURDAY Programs

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

General Electric Co., Oakland, California

8 to 9 a.m.—Reveille
9 to 9:30 a.m.—Meet the Folks
9:30 to 9:45 a.m.—Grace Adams East, cornetist
9:45 to 10:30 a.m.—Farm and Home Hour
10:30 to 11:30 a.m.—Morning Melodies
11:30 to 12 noon—Philharmonic organ
12 to 1 p.m.—Novelty Five
1 to 2 p.m.—Dixie Dandies
2 to 2:30 p.m.—Matinee Time
2:30 to 3:30 p.m.—Novelettes
3:30 to 4 p.m.—Billy and The Gang
4 to 4:30 p.m.—Sherman & Link
4:30 to 4:45 p.m.—June De Roche, Dramatic Impersonations
4:45 to 5 p.m.—Betty Kelly
5 to 5:30 p.m.—“The New Business World”
5:30 to 6 p.m.—Sunset Syncopators
6 to 7 p.m.—General Electric Hour
7 to 8 p.m.—Lucky Strike Hour
8 to 8:30 p.m.—Pacific Serenaders
8:30 to 8:45 p.m.—Amos 'n' Andy
8:45 to 9 p.m.—The Saxophonists
9 to 9:30 p.m.—Launderland Lyrics
9:30 to 10 p.m.—Hill Billy Boys
10 to 10:15 p.m.—Sports talk
10:15 to 11 p.m.—Tales Never Told
11 to 12 midnight—Musical Musketeers

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

Radio Service Corp., Salt Lake City, Utah

5 p.m.—30 Minutes with the Segó Milk Men
5:30 p.m.—“Launderland Lyrics,” NBC
6 p.m.—General Electric Hour, NBC
7 p.m.—“Lucky Strike” dance orchestra, NBC
8 p.m.—Sugarhouse Business League
8:30 p.m.—Amos 'n' Andy, NBC
8:45 p.m.—Variety
9:15 p.m.—Jack Stacey's dance orchestra
10:15 p.m.—Request Hour
11:15 p.m.—Shell Midnite Review, directed by Roscoe Grover

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

Seattle Broadcasting Co., Seattle, Wash.

6:45 to 7 a.m.—Radio time clock
7 to 8 a.m.—Eye Opener program
8 to 9:30 a.m.—Recorded program
9:30 to 10 a.m.—Home Economics
10 to 11 a.m.—Children's Hour
11 to 12 noon—The Carnival
12 to 2:30 p.m.—Popular melodies
2:30 to 3:30 p.m.—“KOL Matinee” with Eva Gonnella, Inez Z. Morrison, Alice Blomquist, Ralph Clayton
3:30 to 4:30 p.m.—“Musical Side Show”
4:30 to 5 p.m.—Mr. Fixit; News
5 to 6 p.m.—Service Hour
6 to 6:30 p.m.—Diner Hour program
6:30 to 7 p.m.—The Mixers
7 to 8 p.m.—Orrin Shattuck, Pinkerton Day, Ann Hartelius, Grace Bond; Hawaiian Trio
8 to 9 p.m.—Old Timers' Hour, with the Farmsteaders, Don and Farrell, Ward Ireland and Frank Coombs
9 to 9:30 p.m.—Ken Stuart
9:30 to 10:15 p.m.—Alice Blomquist, Christina Tate, Egon Schmidt, Ralph Clayton
10:15 to 12:15 p.m.—Everstate Dance Band

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **1000 Watts**

Oakland Educational Society, Oakland, Cal.

5 to 7 a.m.—Watchman's Bedtime program
8 to 8:30 a.m.—Recordings
8:30 to 9 a.m.—Helen Jewell, organist
11 to 12 noon—Cy Perkins' Kountry Stoar
1:30 to 2 p.m.—Piano recreation, Jean Ardath
2 to 2:30 p.m.—Beth and Mildred, duets
2:30 to 3 p.m.—David Wollner, violinist; Harriett Pool, organist
3 to 3:30 p.m.—Cy Perkins' Kountry Stoar; Lois Feeley, vocalist; Ray Hansen, vocalist; Evelyn Mathewson, Mirandy; Cy Perkins himself
3:30 to 4 p.m.—The Happy Hayseeds: Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, “yodeling cowboy”
4 to 4:15 p.m.—Detective story by Tom King
4:15 to 4:30 p.m.—Louie Margie
4:30 to 5 p.m.—The “Ne'er Do Well”
5 to 6 p.m.—Dr. Wade Forrester
7:30 to 8 p.m.—Doc Herrold's Shopping Hour
8 to 9 p.m.—Bible dialogue; musical selections
9 to 10 p.m.—Gustave Hoffman's Orchestra
10 to 10:05 p.m.—Union Mutual Life program
10:05 to 11 p.m.—Review of station talent

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

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Musical Clock
9 to 9:30 a.m.—Cal King's Country Store
9:30 to 10 a.m.—Recordings and announcements
10 to 10:30 a.m.—Charlie Glenn, “Old Songs”
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—News, weather, police reports
12 to 12:30 p.m.—Variety recordings
12:30 to 1:30 p.m.—New Shanghai Orchestra
6 to 6:15 p.m.—Recordings
6:15 to 6:30 p.m.—Norma Lee, contralto
6:30 to 6:45 p.m.—Radio question box
6:45 to 7 p.m.—Herbert Maas, boy baritone; Margaret Ross, accompanist
7 to 7:15 p.m.—Recordings
7:15 to 7:30 p.m.—Banjo Boys, Henry and Tom
11 to 12 midnight—New Shanghai Orchestra
12 to 1 a.m.—Midnight Classics

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

The Morning Oregonian, Portland, Oregon

7:15 to 7:45 a.m.—Y. M. C. A. health exercises
7:45 to 8 a.m.—Devotional services
8 to 9 a.m.—Shell Happy Time
9 to 9:10 a.m.—Oregonian news flashes
9:10 to 9:30 a.m.—Oregonian Cooking School
9:30 to 9:45 a.m.—Town Crier
9:45 to 10:30 a.m.—Nat'l Farm and Home Hour
10:30 to 11 a.m.—Plummer
11 to 11:30 a.m.—Town Crier
11:30 to 12 noon—Fox Hollywood organ
12 to 12:30 p.m.—Powers' Pied Piper
12:30 to 1 p.m.—Records
1 to 2 p.m.—Dixie Dandies
2 to 4 p.m.—Master Works
4 to 4:30 p.m.—Sherman and Link
4:30 to 5 p.m.—Stewart Warner program
5 to 5:30 p.m.—“The New Business World,” NBC
5:30 to 6 p.m.—Service Hour
6 to 7 p.m.—General Electric, NBC
7 to 8 p.m.—Lucky Strike Hour, NBC
8 to 8:30 p.m.—Gilmore Circus, NBC
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
9 to 9:30 p.m.—National Laundry Owners, NBC
9:30 to 10 p.m.—Studio program
10 to 10:30 p.m.—Cecil and Sally
10:10 to 12 midnight—Hi Jinks

SATURDAY Programs

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

Don Lee, Inc., San Francisco, Calif.

7 to 7:30 a.m.—Seal Rocks broadcast
7:30 a.m.—New York Exchange
7:30 to 8 a.m.—Seal Rocks broadcast
8 to 9 a.m.—U. S. Army Band, CBS
9 to 9:30 a.m.—Adventures of Helen and Mary
9:30 to 10 a.m.—Recordings
10 to 10:30 a.m.—Song recital, featuring Juanita Tennyson, Norman Nellsen and Frank Moss
10:30 to 11 a.m.—Recordings
11 to 12 noon—Auditions and announcements
12 to 1 p.m.—Sherman and Clay
1 to 1:30 p.m.—The Aztecs, CBS
1:30 to 2 p.m.—Ann Leaf, organist, CBS
2 to 2:45 p.m.—Club Plaza Orchestra
2:45 to 3 p.m.—Recordings
3 to 3:30 p.m.—Hotel Shelton Orchestra, CBS
3:30 to 4 p.m.—Yoeng's Orchestra, CBS
4 to 5 p.m.—Bernhard Levitov and his Commodore Ensemble, CBS
5 to 5:15 p.m.—Exploring the Jungles for Science, CBS
5:15 to 5:30 p.m.—Studio program
5:30 to 6 p.m.—Edna Fischer, pianist
6 to 6:30 p.m.—Nit Wit Hour, CBS
6:30 to 6:45 p.m.—Boyer Chemical programs
6:45 to 7 p.m.—"Memories"
7 to 8 p.m.—Paramount Publix Radio Hour, CBS
8 to 8:30 p.m.—William Oil-O-Matic, DLBS
8:30 to 9 p.m.—Specialty program from KHJ
9 to 10 p.m.—KHJ Review, DLBS
10 to 10:10 p.m.—"Frank Watanabe"
10:10 to 11 p.m.—Hotel Mark Hopkins orchestra
11:10 to 12:10 a.m.—Earl Burtnett's Biltmore Hotel orchestra, DLBS
12:10 to 1 a.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 service
7 to 7:30 a.m.—Peppy morning varieties
7:30 to 8 a.m.—Headliners
8 to 9 a.m.—Shell Happy Time
9 to 10 a.m.—"With the Music Masters"
9:45 to 10:30 a.m.—Nat'l Farm and Home Hour
10:45 to 11 a.m.—Sunshine program
11 to 11:30 a.m.—Matched Unit Trio
11:30 to 12 noon—Winifred Rhoades, organist
12 to 12:15 p.m.—Nat'l Sav. luncheon program
12:30 to 1 p.m.—Gold Seal program
1 to 1:30 p.m.—"Down Memory Lane"
1:30 to 1:45 p.m.—Studio doings
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—"With the Classics"
3 to 3:30 p.m.—Matched Unit Trio
3:30 to 4 p.m.—"Paint o' Mine" period
4 to 5 p.m.—Concert orchestra
5 to 5:30 p.m.—New Business World, NBC
5:30 to 6 p.m.—Matched Unit Trio
6 to 7 p.m.—General Electric, NBC
7 to 8 p.m.—Lucky Strike Hour, NBC
8 to 8:30 p.m.—Modernists
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
8:45 to 9 p.m.—Sports news, Bert Price
9 to 9:30 p.m.—Lauderland Lyrics, NBC
9:30 to 10 p.m.—Hill Billy Boys, NBC
10 to 10:15 p.m.—Sports talk, NBC
10:15 to 11 p.m.—Tales Never Told, NBC
11 to 12 midnight—RKO frolic
12 to 12:30 a.m.—Dessert Happy Caravan
12:30 to 1:30 a.m.—Just Another Hour

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

Hale Bros. & The Chronicle, San Francisco

7 to 8 a.m.—Health exercises by Hugh Barrett
Dobbs and William H. Hancock
8 to 9 a.m.—The Shell Happy Time by Hugh Barrett Dobbs and Will Hancock
9:30 to 10 a.m.—Dobbsie's daily chat
10 to 10:30 a.m.—National Home and Farm Hour, NBC
10:30 to 11 a.m.—Knickerbocker Piano Duo and Helen Stone, blue singer
11 to 11:45 a.m.—Theodore Strong, organist, and Elbert Bellows, tenor
11:45 to 12:05 p.m.—Announcements; weather
12:05 to 1 p.m.—Orchestra and Calif. Crooners
1 to 1:30 p.m.—Everett Williams, baritone
1:30 to 1:45 p.m.—Ann Warner's home chats
2 to 2:10 p.m.—Stock reports
2:10 to 3 p.m.—Aeolian Trio
3 to 4 p.m.—Saturday matinee
4 to 4:50 p.m.—Theodore Strong, organist, with Elmer Herling, baritone
4:50 to 5 p.m.—Stock reports
5 to 5:50 p.m.—Children's Hour
5:50 to 6 p.m.—News digest, "Scotty" Mortland
6 to 7 p.m.—Reo Masters of Music
7 to 8 p.m.—North Americans
8 to 8:30 p.m.—The Gilmore Circus, NBC
8:30 to 9 p.m.—Packard program, KPO and KFI
9 to 9:10 p.m.—Cecil and Sally
9:10 to 10 p.m.—KPO Salon Orchestra
10 to 11 p.m.—Jesse Stafford's orchestra
11 to 12 midnight—Jess Norman's San Franciscans

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

First Baptist Church, San Jose, Calif.

9:30 to 11 a.m.—Helpful Hour
11 to 11:45 a.m.—Community programs
12 to 12:30 p.m.—Carl's Hawaiians
12:30 to 1 p.m.—Market reports, weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Musical program
4:45 to 5:15 p.m.—Children's program
5:15 to 5:30 p.m.—Painless Parker's health talk
5:30 to 6 p.m.—San Jose Radionics Institute
6:15 to 6:45 p.m.—Painless Parker's health talk
6:55 to 7 p.m.—Farmers' Exchange
7 to 7:30 p.m.—Farm Bureau evening radio news
7:30 to 8:30 p.m.—Future Farmers of America
8:30 to 9:30 p.m.—Italian program

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

Warner Brothers, Hollywood, California

8 to 8:30 a.m.—Organist
8:30 to 10 a.m.—Radio varieties
10 to 10:30 a.m.—Betty Silberman, organist
10:30 to 11:30 a.m.—Radio varieties
11:30 to 12 noon—Quintet and soloists
12 to 12:10 p.m.—Cecil and Sally
12:10 to 12:30 p.m.—Quintet and soloists
12:30 to 1:15 p.m.—Radio varieties
1:15 to 1:45 p.m.—Paul Howard's Blackbirds
1:45 to 2 p.m.—Radio varieties
4 to 6 p.m.—Radio varieties
6 to 6:30 p.m.—Violet Ray dance orchestra
6:30 to 7 p.m.—Harry Jackson's orchestra
7 to 8 p.m.—Concert orchestra: Cliff and Lolly
8 to 9 p.m.—Mona Motor Oilers and soloist
9 to 9:30 p.m.—Carmen Castillo, soprano; Xavier Cugat, violinist
9:30 to 10 p.m.—Paul Howard's Blackbirds
10 to 10:30 p.m.—George Olsen's orchestra
10:30 to 11 p.m.—Paul Howard's Blackbirds

SATURDAY Programs

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

Pacific Broadcasting Corp., San Francisco
 9 to 11 a.m.—Popular recordings
 11 to 12 noon—California Sunshine Hour
 12 to 12:15 p.m.—Newscasting
 12:15 to 2 p.m.—Popular recordings
 2 to 3 p.m.—Bridge Party Hour
 3 to 7 p.m.—Recordings
 7 to 7:30 p.m.—George, Melvin, Leo and Frank
 7:30 to 7:45 p.m.—College Daze, Toby and Babs
 7:45 to 8 p.m.—Yvonne, Greta and Helen Stone
 8 to 9 p.m.—Calendar of the Air
 9 to 9:30 p.m.—George Nickson, Freddie Heward, Dud Williamson, George Hepburn, Virginia Spencer and Tru-Jo Duo
 9:30 to 10:30 p.m.—Pacific Artists Trio with Nona Campbell
 10:30 to 11 p.m.—Dance recordings
 11 to 2 a.m.—Recorded program

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

Don Lee, Inc., Los Angeles, California
 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.—Leigh Harline's organ recital
 1:30 to 2 p.m.—Charlie Wellman
 2 to 3 p.m.—Club Plaza Orchestra, CBS
 3 to 4 p.m.—"Chasin' the Blues"
 4 to 4:50 p.m.—Bernhard Levitow and his Commodore Ensemble, CBS
 4:50 to 5 p.m.—World-wide news
 5 to 5:15 p.m.—Guy Lombardo, CBS
 5:15 to 5:30 p.m.—Recordings
 5:30 to 6 p.m.—Dixie Echoes, CBS
 6 to 7 p.m.—Organ recital, with singer
 7 to 8 p.m.—Paramount Hour, CBS
 8 to 9 p.m.—Specialty program
 9 to 10 p.m.—KHJ Review, DLBS
 10 to 10:05 p.m.—World-wide news
 10:05 to 12 midnight—Biltmore Hotel dance orch
 12 to 1 a.m.—Wesley Tourtellotte's organ recital

280.2 Meters **KJBS** **Channel 107**
1070 Kcys. **100 Watts**

J. Brunton & Sons, San Francisco, Calif.
 6:45 to 8 a.m.—Alarm Klock Klub
 8 to 10 a.m.—Variety records
 10 to 11 a.m.—Dance records
 11 to 11:30 a.m.—Popular recorded selections
 12 to 1 p.m.—Recorded program; stocks
 1 to 1:30 p.m.—Al. Kelli and Ernie Lohrman
 1:30 to 2 p.m.—Salon Orchestra
 2 to 2:30 p.m.—Dell Raymond and Oscar Young
 2:30 to 4 p.m.—Popular recordings
 4 to 4:30 p.m.—Jerry McMillan, pianist
 4:30 to 5:30 p.m.—Records

225.4 Meters **KGB** **Channel 133**
1330 Kcys. **250 Watts**

Pickwick Broadcasting Co., San Diego, Cal.
 3 to 3:30 p.m.—KGB Movie Club
 3:30 to 4 p.m.—Ferne Adams
 6 to 6:05 p.m.—Lost and found
 6:05 to 7 p.m.—Merchants' Air Service
 7 to 7:05 p.m.—Sports and late news
 7:05 to 8 p.m.—Aloha Boys and Sylvia Shapiro
 8 to 9 p.m.—Kennedy's Cage and Nite Club
 9 to 11 p.m.—KGB Frolic with the "Micro-Maniacs"

535.4 Meters **KTAB** **Channel 56**
560 Kcys. **1000 Watts**
Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Eye Openers
 8 to 8:30 a.m.—Masters Album
 8:30 to 9 a.m.—Ye Towne Cryer
 9 to 9:30 a.m.—Morning Prayer Hour
 9:30 to 10 a.m.—"Broadway Tunes"
 10 to 10:30 a.m.—Household Hour
 10:30 to 11 a.m.—Dr. B. L. Corley
 11 to 12 noon—Barney Lewis' Tabloid of the Air
 12 to 1 p.m.—Sterling Cosmopolitans
 1 to 1:30 p.m.—Chapel of Chimes
 1:30 to 2:30 p.m.—Dance records
 2:30 to 3 p.m.—"Alice in Wonderland"
 3 to 3:30 p.m.—Herb Scharlin, singer & pianist
 3:30 to 4 p.m.—"Broadway Tunes"
 4 to 4:30 p.m.—Dr. Wade Forrester
 4:30 to 5 p.m.—Broadway Tunes
 5 to 6 p.m.—Brother Bob's Frolic Hour
 6 to 6:30 p.m.—Sterling Cosmopolitans
 6:30 to 7 p.m.—Chapel of Chimes
 7 to 7:30 p.m.—"Broadway Tunes"
 7:30 to 8 p.m.—Walter Rudolph, pianist
 8 to 8:30 p.m.—Organ Echoes
 8:30 to 9 p.m.—Dorothy Nichols, cellist
 9 to 11 p.m.—"What Have You Program"
 11 to 12 midnight—Nite Owls
 12 to 1 a.m.—"Slumber Chaser"

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

General Electric Co., Denver, Colorado
 5 to 5:30 p.m.—The New Business World
 5:30 to 6 p.m.—Launderland Lyrics
 6 to 7 p.m.—General Electric Hour
 7 to 8 p.m.—Lucky Strike orchestra
 8 to 8:30 p.m.—Olinger male quartet
 8:30 to 8:45 p.m.—Amos 'n' Andy
 8:45 to 9:15 p.m.—Preview of International Sunday School lesson, the Rev. William O. Rogers
 9:15 to 10 p.m.—The Seven Aces
 10 to 10:15 p.m.—Sports talk
 10:15 to 11 p.m.—Tales Never Told

309.1 Meters **KOMO** **Channel 97**
970 Kcys. **1000 Watts**

Fisher's Blend Station, Inc., Seattle, Wash.
 7:55 a.m.—Inspirational Services
 8 a.m.—Shell Happy Time
 9 a.m.—Y. M. C. A. Health Exercises
 9:15 a.m.—Organ recital
 9:45 a.m.—National Farm and Home Hour
 10:30 to 11:30 a.m.—Morning Melodies
 11:30 a.m.—Orchestra with Donald Gray and VeOna Socolofsky
 12:15 p.m.—What to Prepare for Dinner
 12:30 p.m.—Grain, fruit and vegetable reports
 12:35 p.m.—Orchestra; Ferdin Korsmo, tenor
 1 p.m.—Dixie Dandies
 2 p.m.—Orchestra; Fred Lynch, tenor
 3:30 p.m.—Billy and the Gang, NBC
 4:30 p.m.—June De Roche, NBC
 5 p.m.—The New Business World, NBC
 5:30 p.m.—Vocal ensemble recital
 6 p.m.—General Electric Co. program, NBC
 7 p.m.—Lucky Strike Dance Hour, NBC
 8 p.m.—Gilmore Circus, NBC
 8:30 p.m.—Amos 'n' Andy, NBC
 8:45 p.m.—News Flashes
 9 p.m.—Launderland Lyrics, NBC
 9:30 p.m.—Hill Billy Boys, NBC
 10 p.m.—Sports Talk
 10:15 p.m.—Tales Never Told
 11 p.m.—Musical Musketeers
 11:30 p.m.—R. K. O. Theatrical Frolic
 12 to 12:30 a.m.—Theater organ recital

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