

Broadcast Weekly

For
Week of
Dec. 1 to
Dec. 7



Features

DX SCHEDULES
THE RADIO TATTLER
MICROPHONE GOSSIP
PERSONAL PICK-UPS
TRADE NOTES
"WOMAN'S MAGAZINE OF
THE AIR" NBC
PICTURES OF ARTISTS
SPECIAL STAFF ARTICLES
PROGRAMS OF LEADING
STATIONS

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Los Angeles

No. 10

THE EDITOR'S PAGE

IT SEEMS probable that Congress, at its next session, will try to pass a radio law that every receiving set in the country shall be taxed, the money to be used to pay for government control of radio.

Senator Dill intimated that he would include this provision in his bill and in the event it was not placed there, it would go into a bill being prepared by Senator Couzens of Michigan. Federal control of radio costs \$1,000,000 annually, and it is mighty poor control. It is hoped to make the new instrument tax pay this bill.

We don't know how you feel about it, out in radioland, but here, from the boss down to the office cat, we are dead set against such a tax on receiving sets. The fee system might be all right if the money was properly used at Washington. But every one of us knows that it will not be properly used. We would be simply handing over a slush fund of \$1,000,000 for the boys to play with, and that is the long and short of it.

Congress has never met the radio issue squarely. So much corporate, financial and political pressure has been brought to bear that it has stalled around for session after session. When it finally did create a radio commission, it gave it no authority or power with which to curb anything. The commission tried to put up a front—and got the horse laugh. Today the commission has no more authority than a jackrabbit and the only time it tried to exert any, the United States Supreme Court sheared its wool and left it naked and ashamed to public scrutiny.

There is no earthly reason why we should hand over \$1,000,000 to the government to be frittered away as we know it will be in mythical regulation of radio. All that is

needed for the regulation of radio is a little intestinal fortitude in Congress itself, and the ejection from Congressional halls of a lot of high-paid, professional lobbyists. Let's not have another prohibition fiasco in the radio field!

* * *

A SURVEY of the broadcast field by the Radio Manufacturers' Association reveals that radio manufacturers now sponsor more programs than any other industry. This answers the criticism, often flung at the industry, that it was giving the public little in return for its profits. This year twenty-seven radio manufacturers have sponsored programs over networks, so that, in a manner of speaking, the radio listener has financed his own programs. More than \$2,000,000 has been spent on programs during 1929, the figures show and the figures are very incomplete, not taking into account the individual programs given by dealers in cities all over the United States.

* * *

RADIO'S cobwebs are coming down. The network of wires over which firemen fall is becoming a thing of the past with the advent of the modern radio, which is so powerful that it requires little or no antenna. The great majority of radio listeners are not distance hounds. They prefer the fine quality of local programs to the necessary distortions and static noises of distance. This has simplified the manufacturer's problem. It has also simplified the landlord's problem. A small piece of wire behind the picture moulding in the room—and the thing is done. As a lifesaver for firemen who have to work hose lines on a roof, the modern radio set is a great thing.

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OF THE AIR



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The RADIO TATTLER

By EARLE ENNIS

"CHRISTMAS is coming!"

When Paul Revere leaped to the steering wheel of his barley motor, and went broadcasting through the countryside, this was the message he bellowed into every radio receiver. And the fathers of families grabbed the home blunderbuss, loaded it with slugs and sallied out to protect their pocketbooks. This is history!

* * *

Well, Christmas is coming again, and the click of needles sewing buttons on pants' pockets, echoes across the land like the rattle of castenets at a Madrid picnic. What with all our stocks going into the ditch, and us nearly scared to death because Amalgamated Teeth went to par minus, Old Man Xmas has got to fight for his pennies this year. Wherefore, simple, cheap Yuletide suggestions are in order.

* * *

The radio field offers the ideal Christmas gifts. For instance, save your burned out tubes. Give them to poor, needy panhandlers who are too tired to work for a living. When a bum strikes you for a dime to buy a drink at a bootlegger's, hand him a worn out radio lamp. It will stun him. It will leave him speechless. It will be a "so different gift." Bald and shiny the globe may remind him of his old father, and his home. It may change the whole course of his life. You will have done him a Christmas kindness.

* * *

Take the old horn type of speaker. There are dozens laid away in the attic since folks took to buying dynamic and other improved models. Get your old one. Clean it up. Varnish it. Tie a bit of holly ribbon on it. Give it to your wife. She can use it for an ear-trumpet over the breakfast table. She won't miss the remarks you make after each meal. Or to your mother-in-law, so she can broadcast from the back seat. It is an inexpensive gift which keeps alive the spirit of the occasion.

* * *

Then there is the worn-out B battery.



Folks usually throw them at cats, or drop them in the garbage. Save yours. It will make an ideal Christmas gift. Dig out the wax and send it to a friend who is making home brew. He can cap his bottles with it. Give

the nuts to a Ford owner with a Christmas card. Flatten out the zinc and cut arm-holes in it. It makes an excellent cold weather shirt for someone who rides in an open car. With no expense to yourself, you have made three people happy at Christmas, with one old B battery.

* * *

Take the grid leak. A blown out grid leak is usually considered of less value than a safety razor blade. This is a mistake. Take a block of wood and bore half a dozen holes in it. In each hole stick a worn-out grid leak. Pull the cap off the leak and fill the tube with needles. There you have a neat, efficient and satisfactory needle container—something every housewife needs. A gift for mother! No cost.

Antenna wire is another waste product. One always has an aerial or two around the house that is not being used. A hundred uses can be suggested for this. Mail your girl friend a nice, enamelled clothes-line—one that gets DX. A piece of chewing gum on one end of a three foot length, and the poorest man may spend a happy Christmas fishing pennies out of gratings. Make a loop of it and hang over the fence of a neighbor's yard and get yourself a turkey. Merry Christmas!

* * *

But what can be done with these different parts must be left to your ingenuity. These are just little suggestions. Christmas is coming, as we said, and with the little help we have given here, you ought to be able to work out your problem. It need cost you little or nothing to bring joy and happiness into many homes, if you will use your discarded radio parts and a few minutes of time.

* * *

If these suggestions aren't any help, then take that button off your pants pocket and go the limit. And we'll break the sad news to Paul Revere that his nag-mileage was wasted.

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PERSONAL PICK-UPS

By GYPSY

"Just Wondered," Los Angeles, Cal.—To know her is to love Edna Patricia O'Keefe. She is young and sweet, just out of high school. Un-spoiled, with fine high ideals. Her radio debut was made with selections from the current operettas, but someone discovered that Edna had a flair for the "cuddly" song so much in vogue now and . . . well, there went another coloratura. She is 5 feet 2, weighs about 115, has lovely even features and the kind of brown eyes that cause a man to forget not only what the string on his finger is for but to be utterly oblivious of it.



* * *

Jane, Tulare, Cal.—You have not lost Tom Mitchell. He is still on KFI. It is only that his schedule has undergone a few changes. Here is a little "pick-up." He enjoys polo, golf, hunting and fishing. Was born in England, educated both here and abroad, devoted fifteen years to the theatre and has been in radio for five years. His age, he says, is 39. (Why, Mr. Mitchell, no one would suspect it.) Complexion, fair. Eyes, blue. Weight, 180. Height, 5 feet 11¼. Mustache? No, NO, NO!

* * *

Mrs. L. E. S., Oakland, Cal.—If you will tune to KTAB on Sunday night at 7 o'clock or on Thursday night at 8, you will hear your favorite "Poke Bonnet" girls. Paul Carson will be heard over NBC after December 1. Tommy Munroe and Bob Allen are now with Station KYA.

* * *

Bill W., San Diego, Cal.—What you have told me of Frederic Brown coincides perfectly with the gleanings I have made, so he must be the buddy you are seeking. He was for four years in the Marines. One and one-half year overseas, First Sergeant of Machine Gun Company, Eleventh Regiment Fifth Brigade. And he still has no use for "human crabs."

* * *

Elenor H., Lodi, Cal.—Frank X. Galvin is 6 feet tall, weighs 170 pounds, has gray eyes and heavy silver hair. He is 36 years old, is married and has a lovely home in San Francisco, his birthplace by the way.

"Mickey" Carroll Gillett is 24 years old, 5 feet 9, weighs 153, has gray eyes and red hair. A Eureka lad.

* * *

Marjorie H., Seaside, Cal.—Come as often as you like. I enjoy your letters. Somehow I cannot bring myself to the horrible practice of looking up birth certificates. I'm funny that way. Venturing at a guess, I should say that Charles Hamp was in his thirties. When he volunteers definite information on this subject you shall be the

first to have it.

* * *

Mrs. K. L., Reno, Nev.—Richard Le Grand is 5 feet 8½ inches tall and weighs 162. His eyes are brown. One is very much aware of them, not because they are the dazzling or hypnotic kind, but because somehow they suggest wisdom, missing nothing without being shrewd or hard. His hair is almost black, his features are regular and he has a trim small mustache. After a theatrical career of some fifteen or so years he entered radio and, like all other ardent broadcasters, thinks it the most fascinating game in the world. He is married and has a son who is 9 years old.

* * *

B. F. T., San Francisco, Cal.—South is the loser. Robert Olsen's wife is a brunette with Irish-blue eyes, very smart, attractive, about 5 feet 5. I might add, an altogether charming, entertaining person. Such a right kind of wife for a famous man to have. "Bob" says she has a "marvelous" disposition and is an inspiration at all times. The answer to your last question is No. The much disputed Monroe Upton is not married.

* * *

D. W. P., Riverside, Cal.—Yes, Walter Beban is a nephew of the late George Beban. He is about 29 years old, measures 5 feet 8 and weighs 140 pounds. His eyes are gray and his hair, which he lost a short time ago but is recovering, is blond. Walter swears that his hair grows visibly with each program he directs, due, he thinks, to the enthusiasm, anxiety and temperament that he works up. Another reason could be his directing "cheer" fashion without the usual baton. Who knows?

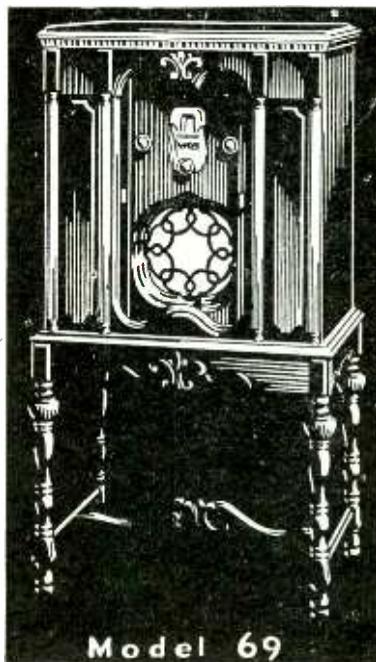
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CHARLES W. HAMP---DLBS

By MONROE R. UPTON

EVENIN' Folks! Is everybody happy? This little story is for the express and unqualified purpose of telling you all about a certain Mr. Charles W. Hamp. Yes, indeedly!

We'll open our thirty paragraphs of SUNshine with a little number entitled, "I Was Cradled in the Southland."

Richmond, Virginia, is the place, if any of our dear friends are interested in the exact spot. Charlie was still in knee breeches and an underwaist covered with buttons when the family moved to Johnstown, Pennsylvania — just after the flood waters (which put Johnstown on the map after washing it off) had receded.

Charlie's father was in the hotel business and let's assume that it was the paternal side that gave him his hospitable soul. The maternal side contributed his love and talent for music. His mother might have become a star herself had not her husband's objections caused her to reject an offer from a well known company to lend her beautiful mezzo-soprano voice to opera.

Charlie studied music in his youth but not with the idea of commercializing it. He attended one of the oldest Prep schools in America, Chambersburg Academy, to prepare himself for an electrical engineering course at Yale. But the best laid plans of mice and men, etc.—actually he was preparing himself for a first class grocery clerk. There proved to be something vaguely dissatisfying about filling self-satisfied housewives' orders for baking powder, potatoes and lima beans, however, and after a few months he quit to identify himself with young America's artistic life by organizing a dance orchestra. From those newly climbed heights he fell into the pit of a vaudeville theatre and thumped away on a piano until a chance came to join a musical comedy company. His reply to our query as to just what he did in the company was "everything." He forced us to take this literally, and so we must assume that he took in tickets at the door as well as sang and danced in white trousers with all the beautiful chorus girls as a background.

At the age of 20 he got his chance in



CHAS. W. HAMP

dramatic stock under the direction of Herbert Breman. It was there that he received the real schooling which provided much of the backbone of his radio success. During two seasons with the company he created thirty-five different characters.

Charles W. Hamp's career, however, has not followed a smooth, straight, upward path. From stock he went on the road for two years, peddling music for Remick from Bangor, Me., to New Orleans. It was in 1915 that he first came to California. He was business manager for

a touring company, which meant that he was engaged in shepherding visitors to the P. P. I. E. Ever since he has been "sold" on California, and since the war his home has been Hollywood. During the war he was a sergeant in the U. S. Ambulance Corps, fourteen months overseas on both the French and Italian fronts. Adolph Menjou, then a struggling young actor, was in the same outfit.

Charlie's discharge from the army landed him on the Keith-Orpheum Circuit where he spent six years with an act called "A Little Touch of Paris." Back in Hollywood he did odd and not very remunerative bits in pictures, until friends persuaded him to try the radio. He began by the audition route, worked for \$5 and \$7 a program, and finally landed a chief announcer's berth on KMTR. Later he was manager and chief announcer at KPLA. Finally he went into business for himself as a radio publicist, which brings his career up to date.

Off stage Charlie is, as one would suspect from his "air" personality, gregarious. He likes nothing better than to talk and swap stories. Three or more is not a "crowd" with him. He will sing and play with the slightest encouragement, and everybody will like it, including Charlie. The same over the air. He says that he enjoys most of all his radio work, and sometimes it's a shame to take money for it.

His principal hobby is cabinet making. In his Hollywood home he has a completely equipped woodworking shop. He fools

around with a movie camera, too; likes hunting and fishing and all outdoor sports. His interest in football is based on his own school and post-school pigskin career. He played on two semi-professional teams after leaving school—until a man on an opposing team was accidentally killed. That ended his taste for further personal participation in the game.

Charlie's tastes in literature lean decidedly towards the works of early and middle nineteenth century Frenchmen. In Balzac, Flaubert and de Maupassant he finds satisfaction. For philosophical writers, satire and modern thought he cares little. It seems to us that he likes facts for their own sake, or what they will bring him directly, rather than for their value as material for theories. He enjoys picking up the Encyclopedia Britannica and barging through it for bits of knowledge.

In modern art, however, unlike modern thought, he is very much interested. He works in water colors himself. He mentioned Remington as his favorite American artist. Modern music, of course, is his particular love, with Rhapsody in Blue at the peak of his affections.

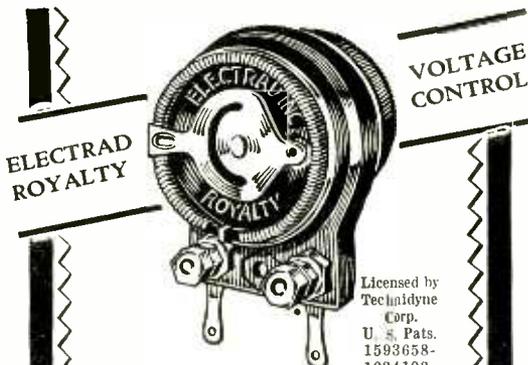
We put to Charlie one of our stock questions: what do you dislike most? After a long time he managed to think of two things. George Bernard Shaw and carrots. There is no SUNshine in G. B. S., the vegetarian, and Mr. Carrot, the little red vegetable, for Charlie. Dawgone, just as we're really getting started on this little article we find our space is up. Buenas Noches!

WTAM NOW USING 50,000 WATT SET

Winter reception from WTAM, Cleveland, Ohio, should be good this month and next, the station being on the air with a new 50,000-watt transmitter, which is operated at Brecksville, midway between Cleveland and Akron. The station is on 289.2 meters, a frequency of 1070 kilocycles.

The station masts are 250 feet high and 600 feet apart, or almost one entire city block, away from each other. The station uses four tubes rated at 110 kilowatts each, among the biggest in use. The new equipment makes WTAM one of the most powerful broadcast stations in the United States, and it should be widely heard.

The station is a member of the WEA-F-WJZ network.



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MANY RADIO BILLS AWAIT ACTION OF CONGRESS

When Congress convenes on December 2, considerable radio legislation, much of it of extreme importance to the United States, awaits its attention. The outstanding measure is that which will determine the fate of the present Federal Radio Commission, which is slated to go out of existence on December 31, unless the official pulmotor of Congressional sanction gives it added life.

It is anticipated now that legislation will be introduced giving the radio commission an indefinite term of existence in order that Congress may eliminate the necessity of dealing with this problem every year. However, there will be some opposition to this move, and it is understood that the suggestion will be advanced that the life of the commission be extended for only a few months in the expectation that action may be taken on Senator Couzens' bill for a permanent Federal communications commission.

Senator Couzens' bill, however, will not be ready for action for some time. It is planned to hold this measure up until after hearings have been held on the whole communications question, and at present the Senator has not attempted to fix a date for those hearings, which depend, he says, upon the speed with which the Senate disposes of a number of important questions which are to be taken up early in the session.

There are also pending two measures amending the radio act of 1927, one introduced by Congressman Darrow of Pennsylvania and the other by Senator Watson of Indiana. Both, however, have the same purpose, that of amending Section 28 by striking out the provision that no broadcasting station may rebroadcast the program or any part thereof of another station without the latter's express authority, and substituting therefor a prohibition against the interception in the process of transmission and the re-broadcast in any manner or record for the purpose of reproducing the program of any other station without authority. It is felt that the present wording of the law is not broad enough to cover the situation fully, particularly with respect to the recording of programs. The law, as it stands, says nothing about this matter, and it is possible to make phonograph records of programs by well-known artists.

Authority for the licensing of patents owned by the United States Government, enabling individuals, firms and corporations

to incorporate in their products developments controlled by the Government, is covered in a bill introduced by Representative Vestal of Indiana. It is provided that such licenses may not be exclusive except by order of the President. The Navy Department for some years has been issuing licenses to manufacture under its radio patents, but there are a number of patents owned by the Government which are not being used for commercial purposes. A similar measure has been introduced in the Senate by Senator Reed of Pennsylvania.

Senator Reed also has introduced a bill authorizing the President to class as secret certain material, apparatus or equipment for military and naval use which is of such nature that the interests of the public service would be injured by publication of information. This would enable the War and Navy Departments to keep secret any developments in radio or other arts which would be of high value in wartime.

Lottery projects operated by radio would come under the ban of the law under a bill introduced in the House of Representatives by Congressman French of Idaho which would prohibit announcement, advertisement or operation of a lottery, gift enterprise or similar scheme offering prizes dependent in whole or in part upon lot or chance.

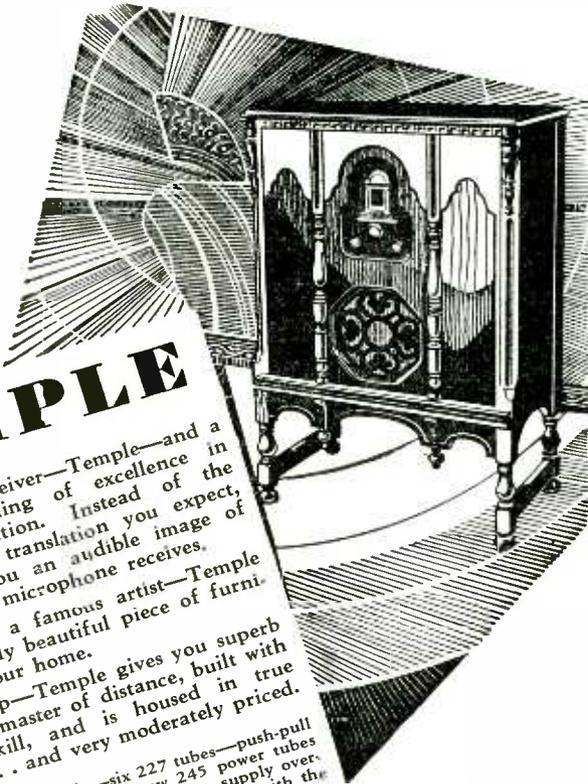
It is probable that several other measures dealing with radio problems will be introduced early next month, and Congress also will be called upon to provide funds for continuation of the Government's radio activities during the fiscal year which begins July 1, next. These will include the operation of the radio division of the Department of Commerce, the Federal Radio Commission, if it is continued, the investigations in radio by the Bureau of Standards, communications activities of the aeronautics branch of the Department of Commerce, and the radio operations of the War and Navy Departments, etc.

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Designed by a famous artist—Temple brings a truly beautiful piece of furniture into your home.

Summed up—Temple gives you superb tone, is a master of distance, built with precise skill, and is housed in true beauty . . . and very moderately priced.

Temple is all-electric—six 227 tubes—push-pull amplification—using two new 245 power tubes—full-wave rectification. A power supply oversized in every respect in combination with the Temple Dynamic Speaker assures matchless tone . . . \$159; The Temple Grand Console . . . \$179 (less tubes). The Temple Receivers are licensed by R. C. A. and Associated Companies.

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LEAGUE REJECTS STATION IDEA

FURTHER conference between the League of Nations and the Swiss Government has resulted in the League abandoning its plan of a "neutral" broadcasting station at Geneva, and an arrangement by which the Swiss Government instead will handle League broadcasts through stations of its own.

The agreement brings to a close negotiations which have extended over a period of two years in an effort to arrive at a satisfactory settlement of Switzerland's objections to a League station, which she was afraid would react unfavorably against her neutrality in the event of another European war.

Under Swiss Operation

The arrangement finally made provides that the Radio-Suesse Company will erect medium-wave and short-wave stations which "shall meet the League's requirements, shall be kept furnished with all the latest technical improvements and shall be operated as desired by the League, preference being given to the needs of official traffic." In normal times the League will have a delegate at the station and will be represented on the board of directors of the company; in times of crisis the Swiss Government will be represented by an observer, and it is definitely provided that the use of the stations by the League at such times shall in no case be invoked against Switzerland as affecting her international responsibility. The agreement is to run initially for a period of ten years. While under the nominal control of the Swiss Government, the stations will be constructed at the expense of the League of Nations.

The short-wave plan to insure communication was made following experimental broadcasts of league matter for general consumption, and that phase of the work is expected to be one of the most important. The League in announcing the purposes of the station lays little stress upon this phase.

"In normal times," it is declared, "this station would deal with telegrams between the secretary-general and delegations and the greatest possible number of non-European states. It would provide a broadcasting service for circular telegrams, and information for the various governments and administration and, if necessary, the press. It would facilitate the rapid transmission of important documents to distant countries, and would thus strengthen the ties between the

"FLYING STYLUS" TO GUIDE AVIATORS

WEATHER maps transmitted by radio from ground stations to planes in flight, now being used experimentally in Germany, may replace the radiophone reports now used, according to reports just received by the Department of Commerce.

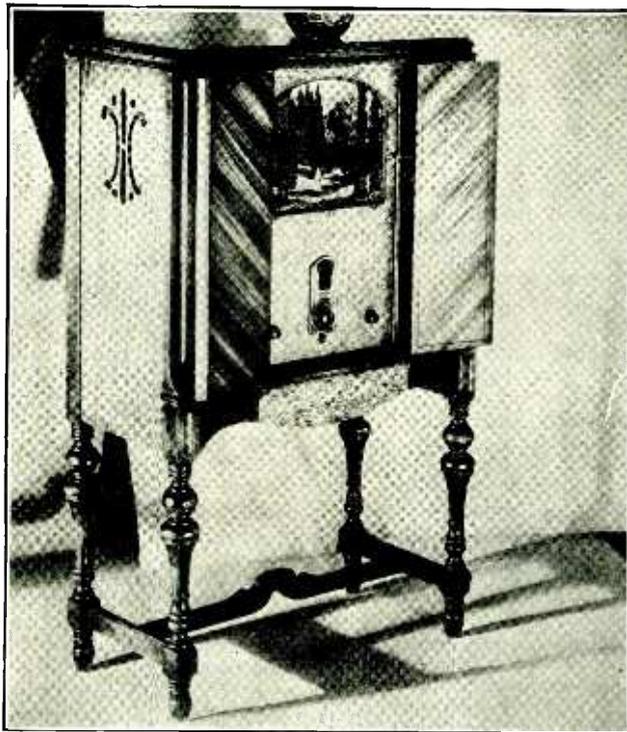
In cooperation with a German manufacturer of radio-picture equipment, the Deutsche Luft Hansa, Germany's leading aviation transport company, has undertaken a number of experiments in picture transmission, all of which are understood to have been successful.

Charts have been transmitted to planes in flight, from which the pilot could determine weather conditions to be encountered along his route, in one instance a heavy thunderstorm being charted which enabled the pilot to estimate its speed and the approximate point where he would encounter it. Another experiment consisted of a picture of an airport, part of which had become unsuitable for landing owing to floods, enabling the pilot to spot a suitable landing on dry land.

It is stated that the practical importance of picture transmission to planes will increase proportionately with the increases in commercial flying. The device is intended to facilitate transmission of maps, weather charts, etc., to airplane pilots. Emergency landings may also be facilitated if the pilot has a map of the airport transmitted. The transmission of meteorological information on the basis of a weather map is considered more efficient than a detailed weather map-report, transmission of which would involve considerable time and would not be as instructive as a weather map. With the apparatus used an exact weather chart may be transmitted to the plane within three minutes and the Deutsche Luft Hansa is considering the installation of this apparatus on long routes, such as Berlin to Paris and Berlin to London.

League and non-European states. By telephonic broadcasting it would also keep the public throughout the world better informed of the work of the League."

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



An Ideal Christmas Gift

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Month after month the demand for the Balanced-Unit Philco grows greater and greater. Everyday more and more people recognize the permanent value of the Philco receiver. They hear its richer, truer, clearer tone; they see its outstanding cabinet beauty, and as thousands of others have done, they decide to buy a Philco. Philco is an ideal gift for Christmas. It provides lasting value and lasting pleasure for the whole family. A wide variety of models from \$72 to \$235.

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LOS ANGELES

PORTLAND

SEATTLE

MICROPHONE GOSSIP



David Tampkin, who plays the viola in KFRC's Concert Orchestra, is now in Camden, N. J., making recordings for Victor with a string quartette. Many of these recordings will be of Tampkin's own compositions. One of his compositions, a symphonic poem, will be featured by the London Symphony Orchestra this season.

* * *

Edmund Evans, of "Sambo and Ed," the beloved Vagabonds of the Air, who appear every Friday morning during "Dobbsie's" Shell Happy Time program, recently appeared as guest artist of the West Bay Mutual Dramatic Club and played the lead in their opening production, "The Whole Town's Talking," the vehicle in which he starred for many months in the East. Mr. Evans, prior to coming west, had a very eventful career on Broadway, New York, where he starred in several productions. Besides being an actor of ability Evans has made considerable of a name for himself as a playwright.

* * *

Kate Brew Vaughn, home economics expert, recently broadcast over KNX a recipe for angel cake. She got cablegrams from Honolulu, Guam and messages from other distant points. "But not a word from Heaven," sighed the disappointed Mrs. Vaughn.

* * *

The "strike me pink" British dialect that issues from KGW late Saturday nights on the Hi Jinks program is done by Archie Presby, one of KGW's announcers. Archie acquired his accent in the land of his birth, Canada.

* * *

Paul R. Heitmeyer, manager of KGW, is now a proud father. Paul Heitmeyer, Jr., is the reason Paul is giving away cigars and receiving Pittsburg stogies.

* * *

The Olympians, who sing exclusively over the NBC System ether lanes, are to open their concert season of 1929-1930 under the management of Selby Oppenheimer at Scottish Rite Hall, San Francisco, on December 6. This male singing quartet was organized originally for radio and won favor with the radio audience almost immediately. So popular are they that their available concert time is almost completely booked for California.

Mrs. Harry Kimmel, safety chairman, Second District California Congress of Parents and Teachers, will give a talk on "Safety Education of the Pre-school Child" over station KPO Monday, December 9, at 3:45 p. m.

* * *

Such was the enthusiasm for one of KFRC's programs expressed by an advertiser that he broke the cartilage in the joint of Edwin Wilson's good right hand. He was shaking hands with him. Wilson is KFRC's Commercial Manager. He had to have his hand X-rayed and treated by a physician. The advertiser was all worked up over the success of a program KFRC had broadcast for him. This is a true story; believe it or not.

* * *

Physical injuries mean little to Mary Groom when she is scheduled to sing on programs presented in the NBC San Francisco studios. Miss Groom, a staff contralto, has been attending rehearsals and broadcasts on crutches since she injured herself in a fall recently.

* * *

Dobbsie and Wee Willie, his versatile musical partner, known in private life as William H. Hancock, have been on the air continuously from KPO going on five years with their hour of original nonsense and "applesauce," together with the setting-up exercises.

* * *

Plenty of credit has come to Annabelle Jones Rose as a singer, but now she is being admired for an "all-around" musicianship. Miss Rose astounded her fellow artists in the NBC studios the other day with an uncanny demonstration at the console of the NBC Philharmonic organ, after which she picked up a 'cello, playing it with remarkable ability, and finally finishing up in the midst of applause as a pianist.

* * *

Glen Rice, "all-American" football announcer, so-called because of his fascinating description over KNX, has added new laurels to his already moist brow. He worked in the picture, "Forward Pass," with Doug Fairbanks, Jr., and did so well on a neat bit of business that picture people now regard him as something more than an announcer.

FACE-TO-FACE REALISM

THE NEW RADIO MARVEL



IN the amazing FACE-TO-FACE REALISM of the new Spartons there is that same "something" that leaves you applauding wildly as the artist in person bows himself off a lighted stage. More than tone . . . greater than musical perfection . . . this "something" is the radiant, glowing PERSONALITY of the entertainer. You feel the captivating charm of his actual presence.

Visit any authorized Sparton dealer and experience this new radio thrill yourself.

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\$294.50

*Complete including
10 Tubes
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Make the famous SPARTON "Listening Test"

SPARTON RADIO

"Radio's Richest Voice"

CHAIN BATTLE TO GO TO CONGRESS

A STIFF battle is scheduled to begin before Congress December 2, when interests, anxious to curb chain and network programs, appear to inaugurate legislative action in the matter. Efforts are also to be made to secure a hearing before the Senate interstate commerce committee.

The transferring of the fight against network programs to Congress followed the refusal of the federal radio commission to take any steps in the matter. The commission was asked to prohibit the simultaneous broadcasting of chain programs by high-powered stations in the same area. Uncertain of its federal powers, in the absence of a United States Supreme Court decision defining them, the commission refused to take action.

That a hot battle will take place is fully anticipated by all phases of the radio interests of the country. Criticism has already been voiced on the floor of Congress because the radio commission set aside forty channels for the exclusive use of a number of stations, in order that programs of a certain type might reach practically every nook and corner of the country. The network interests, once given this privilege, are going to fight hard to retain it.

Leaders in the radio industry generally are opposed to chain limitation. Voicing the ideas of the Radio Manufacturers Association, Bond Geddes, executive vice-president of the organization, declares that the chain program fills a distinctive need of both the broadcaster and the public and should not be interfered with.

"While the local stations are an important and growing factor in our broadcast structure, the chains are a vital element," Geddes asserts. "The radio public and the radio industry regard their preservation and progress, I believe, as essential. To the radio public and the broadcasting industry, the chain may be likened to the function played by the Associated Press, the United Press or other press services to the daily newspaper. While there may be some cause in some sections of the country for criticism against duplication of chain programs, these complaints are a feeble murmur compared to the public uproar which would reach the ears and be very disturbing to those at Washington if chain broadcasting should be impaired by those in authority."

"GYPSY" BROADCASTS NOW ABOLISHED

NO MORE will the wandering or "gypsy broadcaster" slip into an unsuspecting channel, and cause interference to some peaceful station that is not looking for it. The district court of appeals of the District of Columbia has, by a decision, eliminated the travelling broadcast station, classed as a public nuisance by its opponents.

The "gypsy station" was one which held a portable license from the government and was entitled to wander. It might travel on a truck. It might be carried by hand. It might bring joy to some far place where no local station was known, or it might again, start up like a one-man band on any street corner and ruin the best of local programs from a big station. It was a nomadic nuisance and the boys went into court to end its career. They have apparently done so.

Under a general order issued May 10, 1928, the licenses of all portable broadcasters were revoked, effective the following July 1, on the ground that their removal from point to point would cause interference with stationary stations and that, in addition, the radio act required fixed allocation of broadcasting stations. The court held that the commission acted within its authority in issuing the order.

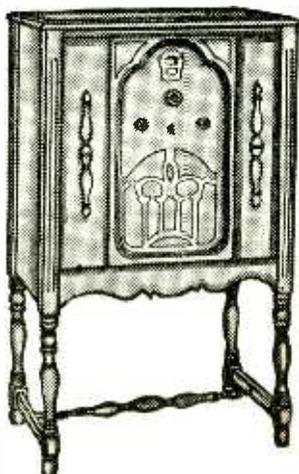
RADIO COMMISSION TO HAVE STATION

The Federal Radio Commission may have its own radio station if a recommendation of the bureau of standards at Washington, D. C., is given official approval.

The bureau of standards is spending more than \$50,000 a year in radio research and general assistant activities to the Radio Commission. It is now proposed to erect a station for the commission's own use and lift this burden from the bureau of standards. The uses of the station would be many.

Studies of natural phenomena, connected with radio transmission and reception, variations of signals due to daylight intensity, disturbance of terrestrial magnetism, the improvement of radio-frequency standards, through the use of piezo-crystal oscillators, and the general patrolling of all transmitting stations would all come within the scope of this station's work.

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You can now buy the new FREED—with radio quality that is without a peer—at a price which appeals to the most moderate income. This has been made possible by the new factory, enlarged facilities, an expert corps of engineers. Efficient production means low cost—and low costs point to ultimate consumer gain—A demonstration on the new FREED set will tell you more than a bookful of ads.

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Seventh and Folsom Streets, San Francisco

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

By MADONNA M. TODD

TODAY we have a request from Bennie Walker, editor, and his WMA staff to thank their thousands of listeners for a shower of cheerful audience mail.

"You see it's like this," Bennie explained. "We want everybody to know that we appreciate more than they can imagine, the messages folks send to us . . . of course we appreciate the candy and fresh fruit and—well, but anyway . . .

"In the studio there isn't anybody to applaud . . . we can't even be sure how many folk hear us and we always are eager to know what people think of our efforts. And that's serious . . ."

Ben referred in that long speech to the 4500 letters which came during October to him, Ann Holden, Helen Webster, Marjorie Gray, the M. J. B. Chef, Sara Treat and the Oronite Comedians.

"It does our hearts a lot of good," the home economics experts insist.

These 4500 "fans" letters came with 6500 to NBC in October. From all corners of the earth, eager dialers sent their compliments, questions, recommendations and occasionally their criticisms.

Much attention is given to this mail when the NBC programs are built, a production man tells one. Speaking for a part of the vast invisible audience, the dialers letter provides a fair cross section of the opinion in which NBC is held by listeners in America, South America, Canada, Australia and New Zealand.

"Many folks listen for months to the 'Women's Magazine of the Air' before they write to us," Ben says. "We know by letters like this one from Victoria, B. C.

"I wonder if you receive many letters thanking you for your delightful broadcasts. I hope that most people do not wait as long as I have to write. You see, we have had our radio eight months now and I rarely miss a program but somehow I have put off writing until today."

Ann Holden hears occasionally from a radio friend whose right arm is paralyzed.

"I have been ill a year now," she writes, "and the radio has done so much to help me pass the lonesome hours—especially the Magazine of the Air. I hope to be able



BENNIE WALKER

some day to thank you personally for the happiness I have received from all of you."

Other NBC programs come in for their respective share of letters, many mentioning the WMA broadcast, one finds reviewing the mail. This compliment from a schoolmaster at Long Beach, Calif., parallels many received by the sponsors:

"If I had not used your products before, I should now out of gratitude."

Educators everywhere are sending commendations on the School Broadcast and the Thursday night Symphony hour. These are sponsored by the Standard Oil, which presents Magnolia, Henry and Charley to the WMA audience.

Many letters carry requests for musical selections or repetition of a certain drama. Others ask the names of songs heard during the WMA or some other broadcast.

One dialer likes piano and pipe organ recitals, another compliments the sponsors of classical music, many ask "where are the old songs?", others urge popular airs from the celebrated comic operas and high-class musical comedy. The demand for theatricals is increasing.

Some folk seek to find long lost relatives or to renew friendships with artists . . . "that I knew when . . ."

And while we're speaking of audience mail, it is impossible to overlook the interesting notes from far-away lands and the eastern United States when W6XN, the KGO short-wave station, is building up an interested audience. These "DX fans" write often to ask for confirmation of the broadcast from W6XN of a specified program. The interesting thing is that they are listening in along the airline from Hastings, N. Z., and Melbourne, Australia, to Brazil, S. A.; Pearl Harbor, T. H.; Quebec, Canada and throughout the United States.

"And don't forget we answer every one of these letters," comes from the 'audience mail clerk,' all of whose time is devoted to handling this bit of NBC business. "The 6500 letters received in October is a substantial increase over the same month last year," she adds.

(The complete review of topics will be found in the program schedule of Broadcast Weekly.)

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- APEX FULL TONE-COLOR ELECTRO-DYNAMIC SPEAKER

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A P E X
R A D I O

SUNDAY Programs

NBC

National Broadcasting Company

- 11 to 12 noon—Grace Cathedral Service, KGO.
12 to 1 p.m.—National Youth Conference
"Are We Educated?" asks Dr. Daniel A. Poling in his address during the National Youth Conference program. Dr. Poling's brief talk and his answers to listeners' questions will be augmented by a musical program conducted by George Shackley. A mixed quartet and an orchestra will participate. Muriel Wilson, soprano; Helen Janke, contralto; Richard Maxwell, tenor, and Earle Waldo, basso, form the quartet.
Broadcast through KGO, KOMO (12:15 to 1 p.m.) and KGW.
- 1 to 2 p.m.—Dr. S. Parkes Cadman Cathedral Hour
Answers to questions from his unseen friends will be given by Dr. Cadman in addition to his sermon, with a mixed chorus of 16 voices directed by George Dilworth to be heard singing hymnals.
Broadcast through KGO, KHQ, KOMO and KGW (1:45 to 2:30 p.m.).
- 2:30 to 3 p.m.—Gilbert Sports Review
With A. C. Gilbert as master of ceremonies, music by the Erector Buddies, a brass band with a male chorus, and a guest speaker, the program will be broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 3 to 3:30 p.m.—Retold Tales
Enacting a dramatized version of a well-known story by a noted author, a group of National Players will be heard during a "Retold Tales" program released through KGO, KOMO and KGW.
- 3:30 to 4 p.m.—Whittall Anglo-Persians
This program will include one of Johann Strauss' best known waltzes, "The Beautiful Blue Danube"; Horlick's characteristic composition, "Two Guitars," and Ippolitov-Ivanov's spectacular "Caucasian Sketches" movement, "March of the Sardar."
Louis Katzman will conduct.
Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 4 to 4:30 p.m.—Sunday Concert
Moussorgsky's opera "Chovantchina" will be represented by a selection during the Sunday concert. The "Persian Dance" is the number to be played from this opera, which has to do with the conflict between old and new Russia. The selection starts with a slow, oriental melody for woodwind. It quickens with the entry of new themes and reaches a climax after a terrific pace has been set. Charles Hart will conduct the National Concert Orchestra in this and three other numbers.
Broadcast through KGO, KOMO and KGW.
- 4:30 to 5 p.m.—Duo Disc Program
Duets for both voice and instrument will be offered the radio audience this afternoon. "Paint Your Home With Sunbeams," "Missouri Waltz" and "Just Like a Rose" compose the vocal offerings. They will be sung by a team of male singers. Wagner's "Evening Star" from "Tannhauser" is listed for interpretation by a 'cellist and a harpist.
Five orchestral numbers of a semi-classical and popular nature will complete this program.
Broadcast through KGO, KHQ, KOMO and KGW.

- 5 to 5:15 p.m.—"Enna Jettick Melodies"
Sir Harry Lauder will inaugurate a series of transcontinental "Enna Jettick Melodies" programs today when he broadcasts for 15 minutes through the NBC coast-to-coast system.
Broadcast through KHQ, KOMO, KGW, KPO and KFI.
- 5 to 6 p.m.—Sunday Concert
Johannes Brahms reveals the genial side of his nature in his "Valse Suite," an orchestral interpretation of which will close the Sunday concert. Another dance melody of a different type will be played under Charles Hart's direction earlier in the program. "Valse Triste" by Sibelius is the number. A woman's quartet, singing gospel hymns, will be heard twice during the course of the program.
Broadcast through KGO.
- 5:15 to 6:15 p.m.—Collier's Radio Hour
A guest speaker and dramatized stories with musical interludes will be heard during the Collier's Radio Hour through KHQ, KOMO, KGW, KPO and KFI.
- 6:15 to 7:15 p.m.—Atwater Kent Program
Presenting as guest artist another renowned personality in the world of music, the weekly Atwater Kent program will be broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 7:15 to 7:45 p.m.—Studebaker Champions
Insuring a cheering half hour, Studebaker Champions will broadcast dance tunes. Excepting their closing number, "Because I Said I Love You," and Amy Woodford-Finden's "Less than the Dust," the Champions have chosen selections from seven well received screen shows and musical comedies. Jean Goldkette again will be in the conductor's stand and Fred Waldner, tenor, and the Piano Twins complete the merry-making ensemble.
Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 7:45 to 8:15 p.m.—Sunday at Seth Parker's
During this half hour listeners will hear a rural sketch depicting a "Down East" meeting of a semi-religious but non-denominational nature. Seth Parker will be the central figure in the presentation.
Broadcast through KGO.
- 8:15 to 9 p.m.—The Pilgrims, KGO.
9 to 9:30 p.m.—The Reader's Guide, KGO.
9:30 to 10 p.m.—Stanislas Bem's Little Symphony, KGO.
- 483.6 Meters** **KGW** **Channel 62**
620 Kcys. **1000 Watts**
The Morning Oregonian, Portland, Oregon
- 10 to 11 a.m.—International Bible Students
11 to 12 noon—Church service
12 to 1 p.m.—National Youth Conference, NBC
1 to 1:30 p.m.—Catholic Truth
1:30 to 1:45 p.m.—Studio program
1:45 to 2:30 p.m.—Cadman service, NBC
2:30 to 3 p.m.—Gilbert Sports Revue, NBC
3 to 3:30 p.m.—Retold Tales, NBC
3:30 to 4 p.m.—Whittall Anglo Persians, NBC
4 to 4:30 p.m.—Sunday concert
4:30 to 5 p.m.—Duo Disc, NBC
5 to 5:15 p.m.—Enna Jettick Melodies, 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.—Studio program
8 to 8:15 p.m.—Baker's Enna Jetticks
8:15 to 9 p.m.—"Colonial String Quintet"
9 to 9:30 p.m.—Blunauer Frank
9:30 to 10 p.m.—"KGW Chanters"
10 to 11 p.m.—Little Symphony Orchestra
11 to 12 midnight—Fox Hollywood organ

SUNDAY Programs

440.9 Meters
680 Kcys. **KPO** **Channel 68**
5000 Watts
Hale Bros. & The Chronicle, San Francisco
9 to 9:45 a.m.—Sabbath Hour with Theodore Strong, organist, and the Clarions
9:45 to 10:45 a.m.—Interdenominational and non-sectarian church services; Dr. Homer K. Pitman, pastor Trinity Center Church
1 to 2 p.m.—KPO Salon Orchestra
2 to 2:15 p.m.—Talk, Elmer Robinson
2:15 to 5 p.m.—Football broadcast, St. Ignatius vs. Columbia, Or., at Kezar Stadium
5 p.m.—Bank of America of California
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 program, NBC
7:15 to 8 p.m.—Evening musicale by Uda Waldrop, organist, with Gretchen Brendel, contralto
8 to 8:30 p.m.—North American Quartet
8:30 to 9 p.m.—Rudy Seiger and his Fairmont Hotel concert orchestra
9 to 10 p.m.—Abas String Quartette, with Aubrey Farncroft, soprano
10 to 10:15 p.m.—News digest, "Scotty" Mortland
10:15 to 10:30 p.m.—Organ recital, Theodore Strong

309.1 Meters
970 Kcys. **KJR** **Channel 97**
5000 Watts
Northwest Radio Service Co., Seattle, Wash.
8 a.m.—Popular music
10 a.m.—Glen Eaton, tenor; Marjorie Robillard, piano
12 noon—Dance music
1 p.m.—Y. M. C. A. program
1:30 p.m.—Stoneway Tabernacle services
2 p.m.—Krasnoff's Lyric Hour
3 p.m.—Elmore Vincent and Marjorie Robillard
4:30 p.m.—Showboat Orchestra
5:30 p.m.—Glen Eaton and Marjorie Robillard
6 p.m.—Agatha Turley, soprano; Sidney Dixon, tenor; Ellen Reep, contralto; Jean Kantner, baritone; Broadway Trio
7 p.m.—Hometowner's Orchestra and soloists
8 p.m.—Damski's Imperial Grand Orchestra
9 p.m.—Los Gauchos Argentine Ensemble
10 p.m.—Concert ensemble and soloists
11 p.m.—Harmony Aces Dance Band

325.9 Meters
920 Kcys. **KOMO** **Channel 92**
1000 Watts
Fisher's Blend Station, Seattle, Washington
10 a.m.—International Bible Students' Ass'n
11 a.m.—Lucile Johnson, piano, and G. Donald Gray, baritone
11:15 a.m.—Plymouth Congregational Church
12:15 p.m.—National Youth Conference, NBC
1 p.m.—Dr. S. Parkes Cadman, NBC
2:30 p.m.—A. C. Gilbert Co. program, NBC
3 p.m.—Retold Tales, NBC
3:30 p.m.—Whittall Anglo-Persians, NBC
4 p.m.—Sunday Concert, NBC
4:30 p.m.—Duo Disc program, NBC
5 p.m.—Enna Jettick Melodies, NBC
5:15 p.m.—Collier Hour, NBC
6:15 p.m.—Atwater Kent program, NBC
7:15 p.m.—Studebaker Champions, NBC
7:45 p.m.—Studio program
8 p.m.—First Church of Christ, Scientist
9 p.m.—Studio program
9:30 to 11 p.m.—Artistic Ensemble

243.8 Meters
1230 Kcys. **KYA** **Channel 123**
1000 Watts
Pacific Broadcasting Corp., San Francisco
10 to 11 a.m.—All request program
11 to 11:30 a.m.—Recordings
11:30 to 12 noon—Fox and Warfield program
12 to 1:15 p.m.—Old St. Mary's Church services
1:15 to 2:15 p.m.—Classical recordings
2:15 to 5 p.m.—St. Ignatius vs. Columbia College—football
5 to 6 p.m.—Sunset concert
6 to 6:30 p.m.—Sidley Company program
6:30 to 7 p.m.—Program for Fox and Warfield
7 to 8 p.m.—Pacific Artists' Trio, with Dorothy Lewis, contralto
8 to 9 p.m.—Old St. Mary's Church services
9 to 10 p.m.—Pacific Artists' Trio, with Nellie Wren, soprano
10 to 11 p.m.—Silver Slipper Cafe orchestra
11 to 12 midnight—Byington Electric program
12 to 1 a.m.—All request program

265.3 Meters
1130 Kcys. **KSL** **Channel 113**
5000 Watts
Radio Service Corp., Salt Lake City, Utah
7:30 a.m.—Informal program
10 a.m.—Utah Educational Dept.
10:30 a.m.—Instrumental Ensemble, NBC
11 a.m.—Russian Balalaika Orchestra, NBC
11:30 a.m.—NBC Old World Trio
12 noon—"The Friendly Hour," NBC
1 p.m.—L. D. S. services from the Tabernacle
2:30 p.m.—A. C. Gilbert program, NBC
3 p.m.—Mutual Hour
3:30 p.m.—Anglo-Persians, popular orch., NBC
4 p.m.—"Ye Olde Towne Cryer"
4:30 p.m.—Baldwin piano program, NBC
5 p.m.—Salt Lake Federation of Labor
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.—L. D. S. Church services
9 p.m.—Criterion Male Quartet and Evans Sisters Trio
10:30 p.m.—Request Hour

204 Meters
1470 Kcys. **KGA** **Channel 147**
5000 Watts
Northwest Radio Serv. Co., Spokane, Wash.
5 p.m.—Old favorites
6 p.m.—The Harmonists
7 p.m.—Glenn Eaton, tenor; Zac Kalbach, saxophone
8 p.m.—KGA Concert Band
9 p.m.—Los Gauchos Argentines
10 p.m.—Ellen Reep, contralto; Sidney Dixon, tenor
10:30 p.m.—Request program

254.1 Meters
1180 Kcys. **KEX** **Channel 118**
5000 Watts
Western Broadcasting Co., Portland, Ore.
12 to 1 p.m.—Religious music
1 to 1:30 p.m.—Musical
1:30 to 2 p.m.—Classical recital
5:30 to 6 p.m.—Twilight Hour
6 to 7 p.m.—Hour on Broadway
7 to 8 p.m.—Glenn Eaton, tenor; Marjorie Robillard, piano; Zac Kalbach, saxophone
8 to 9 p.m.—Damski's Imperial Grande Orch.
9 to 10 p.m.—Los Gauchos Argentines; Elmore Vincent, tenor; Zac Kalbach, saxophone
10 to 11 p.m.—Concert ensemble; Ellen Reep, contralto; Sidney Dixon, tenor
11 to 12 midnight—Harmony Aces Dance Band

SUNDAY Programs

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

9 to 10 a.m.—Dr. B. L. Corley
 10 to 11 a.m.—Bible class
 11 to 12:30 p.m.—Church services
 12:30 to 1 p.m.—Chapel of the Chimes
 1 to 2 p.m.—Church of the Latter Day Saints
 2 to 2:30 p.m.—Recordings
 2:30 to 3 p.m.—Poke Bonnet Sisters
 3 to 3:30 p.m.—Organ recital with Alice Blue
 3:30 to 4 p.m.—Studio program
 4 to 5 p.m.—Recordings
 5 to 6 p.m.—Chapel of the Chimes
 6 to 6:30 p.m.—Edison Hour
 6:30 to 7 p.m.—Dr. Tindall
 7 to 7:30 p.m.—Jane S. Sands, pianist; Joan Ray, contralto
 7:30 to 9:30 p.m.—Tenth Ave. Baptist Church
 9:30 to 10 p.m.—Brunswick Hour
 10 to 11 p.m.—Studio program

230.6 Meters **KGEF** **Channel 130**
1300 Kcys. **1000 Watts**
Trinity Methodist Church, Los Angeles, Cal.

8:30 a.m.—Morning Watch Quartet
 9:20 a.m.—Story Hour
 10 a.m.—Claude H. Hoskett's Bible class
 10:45 a.m.—Trinity M. E. Church
 2 p.m.—Epworth M. E. Church
 3 p.m.—West Coast Academy of Music
 4 p.m.—Lutheran Churches of So. Calif.
 4:30 p.m.—Hired Man
 5 p.m.—Vesper Hour
 7 p.m.—Prelude Hour of Bob Shuler

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 12:30 p.m.—Late recordings
 6:30 to 7 p.m.—Harry Jackson's entertainers
 7 to 7:30 p.m.—Hollywood Athletic Club orchestra
 7:30 to 8 p.m.—Burr McIntosh, philosopher
 8 p.m.—Concert orchestra; Vernon Rickard, tenor
 9 to 11 p.m.—Bill's Ragtime Review

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

5 to 8 a.m.—Recordings
 8 to 8:30 a.m.—Family Circle Hour
 8:30 to 9 a.m.—Recordings
 9 to 10 a.m.—Old time music
 10 to 11 a.m.—Organ recital
 11 to 12:30 p.m.—St. Luke's Episcopal Church
 12:30 to 1 p.m.—Musical program
 1 to 2 p.m.—Hollywood Girls, novelty trio
 2 to 2:30 p.m.—Record program
 2:30 to 4 p.m.—Long Beach Municipal Band
 4 to 5 p.m.—Organ recital
 5 to 6 p.m.—Hollywood Girls
 6 to 6:30 p.m.—"Em and Clem"
 6:30 to 7 p.m.—Goodyear Crooners
 7 to 8 p.m.—Imperial Concert Orchestra
 8 to 9 p.m.—First Church of Christ, Scientist
 9 to 11 p.m.—Hancock Oil Co.
 11 to 12 midnight—Ben and Sally's Follies
 12 to 3 a.m.—"This and That"

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

12 to 4 a.m.—Shrine broadcast from KMOX, St. Louis, Mo.; opening presentation by Aahmas Temple and A. A. O. N. M. S. of Oakland
 9:45 to 11 a.m.—Organ prelude; Children's Radio Story; musical selections by Stephenson Sisters; Bible lecture
 11 to 12 noon—Select recordings
 1 to 1:25 p.m.—Bible questions and answers
 1:25 to 2:30 p.m.—Instrumental selections, Ruth Crawford; vocal solos, Lillian Peletier, Joseph Morris; vocal duets, Virginia Morrill, Rosa Sprague; hymns by the Choral Singers; Bible lecture
 6 to 7 p.m.—Community singing; Bible lecture; Bible dialogue; musical selections
 7 to 7:45 p.m.—Studio program
 9:15 to 10:15 p.m.—Polish program with lecture in Polish language
 10:15 to 12 midnight—Studio program

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.—Concert from KFRC
 11 to 12:30 p.m.—First M. E. Church services
 12:30 to 1:30 p.m.—Terpezone program
 1:30 to 2 p.m.—From KFRC
 2 to 2:30 p.m.—McKeelson and Robbins program, CBS
 2:30 to 3:15 p.m.—Recordings
 3:15 to 4 p.m.—Art Fadden, pianist
 4 to 4:30 p.m.—Recordings
 4:30 to 5 p.m.—Rabbi Edgar Magnin
 5 to 5:30 p.m.—Tea Time Three (from KFRC)
 5:30 to 6 p.m.—Sonatron program, CBS
 6 to 7 p.m.—Majestic Theatre of the Air, CBS
 7 to 7:30 p.m.—First M. E. Church services
 7:30 to 8 p.m.—Royal Typewriter program, CBS
 8 to 10 p.m.—Program from KFRC
 10 to 10:10 p.m.—World-wide news
 10:10 to 12 midnight—From KFRC
 12 to 1 a.m.—Organ recital

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

9 to 11 a.m.—Musical program of recordings
 11 to 12:30 p.m.—First Presbyterian Church
 12:30 to 1 p.m.—Musical program
 1 to 2 p.m.—International Bible Students
 2 to 4 p.m.—City Park Board musical program
 4 to 5 p.m.—Radio Church of the Air
 5 to 5:30 p.m.—Louise Johnson, astroanalyst
 6 to 6:30 p.m.—Talk by Dr. Earnest Holmes
 6:30 to 7 p.m.—Dr. Theodore Curtis Abel
 7 to 8 p.m.—Luboviski Musical Trio
 8 to 9 p.m.—First Presbyterian Church
 9 to 9:15 p.m.—Recording program
 9:15 to 10:15 p.m.—Courtesy program

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

4 to 4:30 p.m.—Durant Motors, NBC
 4:30 to 5 p.m.—At the Baldwin, NBC
 5 to 5:15 p.m.—Enna Jettick Melodies, NBC
 5:15 to 6:15 p.m.—Collier's Radio Hour, NBC
 6:15 to 7:15 p.m.—Atwater Kent Hour, NBC
 7:15 to 7:45 p.m.—Studebaker Champions, NBC
 7:45 to 8:15 p.m.—Sunday evening at Seth Parker's, NBC
 8:15 to 8:45 p.m.—The Solitaire Cowboys
 8:45 to 9 p.m.—Sam Herman, xylophonist, NBC
 9 to 9:15 p.m.—Everett E. Foster, baritone



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ERNEST INGOLD, INC.
930 Van Ness Avenue San Francisco



MONDAY Programs

NBC

National Broadcasting Company

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

With Bennie Walker, editor, telling folks what they may expect this week during the "Woman's Magazine of the Air" broadcasts, one presentation of this unique every morning feature will be heard today. Marjorie Gray offers the first talk today on "Flatter Your Hands." She will be heard during the Cutex Feature with Bennie's Index following. John D. Barry will offer another talk on correct English. A comedy song sketch, "I'm Gonna Dance Wid De Guy Dat Brung Me," concludes today's hour.

Irving Kennedy, tenor, and Eileen Piggott, soprano, are the artists whose voices will be heard with Joseph Hornik and his Magazine Melodists.

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

1:30 to 2:30 p.m.—Pacific Vagabonds

Enhanced by a group of vocal headliners, the Pacific Vagabonds are billed to present an hour of dance music. Walter Beban conducts the Pacific Vagabonds.

Broadcast through KGO and KGW.

3 to 3:30 p.m.—Mormon Tabernacle Program

Three hundred singers, forming the famed choir of the Mormon Tabernacle at Salt Lake City, and an organ soloist will offer a half hour program through KGO, KOMO, KGW and KPO.

4:45 to 5 p.m.—Back of the News in Washington

Radio auditors will hear William Hard's interpretation of current events at the national capital as he talks on the subject, "Back of the News in Washington," through KGO and KGW.

6 to 6:30 p.m.—Edison Program

Sir Esme Howard, British ambassador to the United States, will take his place in the procession of noted figures whose favorite musical numbers are played and sung for the nation-wide audience. The principal parts in this program will be taken by the Edisonsters and Frank Black's concert orchestra.

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

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

Another General Motors Family Party will be given for radio auditors during a broadcast through KGO, KHQ, KOMO, KGW and KFI.

7:30 to 8 p.m.—The Empire Builders

Taking as its theme an authentic tale of the Northwest and its development, another story will fall from the lips of Harvey Hays, the "Old Pioneer." Bob MacGimsey, harmony whistler, will also be heard.

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

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

Rudy Seiger's Shell Symphonists will offer a 60-minute program of light semi-classical music. Seiger, in addition to conducting the group, will announce the numbers to be played during the program, to be released through KGO, KHQ, KOMO, KGW, KPO and KFI.

9 to 9:30 p.m.—"Voice of Firestone"

Thirty minutes of musical entertainment will be broadcast tonight by a concert orches-

tra directed by Max Dolin, Easton Kent, tenor, a chorus of eight male singers, and Marian Gilbert, contralto, during the "Voice of Firestone" presentation.

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

9:30 to 10 p.m.—"The Cigar Band"

Melodiously saying to the radio audience, "I Think You'll Like It," "The Cigar Band" will begin its weekly program. Walter Beban will conduct the group of instrumentalists in seven other popular selections.

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

10 to 11 p.m.—Slumber Hour

Massenet's colorful "Scenes Pittoresque" will be heard first by the NBC System audience broadcast by a full concert orchestra

Following "Scenes Pittoresque," with its descriptive title, Rimsky-Korsakoff's "Hymn to the Sun" will be played. Max Dolin again will be in the conductor's stand and Lucille Kirtley, soprano, with Harold Spaulding, tenor, are programmed for vocal interpolations.

Broadcast through KGO, KSL and KOA.

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

468.5 Meters

KFI

Channel 64

640 Kcys.

5000 Watts

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

7 a.m.—"Making Merry with Sperry"

7:30 a.m.—Market quotations

7:45 a.m.—"Making Merry with Sperry"

8 a.m.—Shell Happy Time

9 a.m.—Sadye Nathan, beauty talks

9:15 a.m.—Bess Kilmer's Helpful Hints

9:45 a.m.—Sylvia's Happy Hour

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

11:30 a.m.—"Mental Exercises," F. Hancock

12 noon—U. S. Dept. of Agric. talks

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

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

2:30 p.m.—California School of the Air, KPO

3 p.m.—"Phenomena"

3:30 p.m.—Grace M. Miller, "English Lesson"

3:45 p.m.—Book review

3:50 p.m.—Better America Federation

4 p.m.—Francis Sullivan, "Books I Kept"

4:30 p.m.—Big Brother

5 p.m.—Wilfred Butterworth and Gwendolyn Morse

5:15 p.m.—W. T. Harbottle; Tom Mitchell

5:45 p.m.—Stock market reports

6 p.m.—Edison program, NBC

6:30 p.m.—General Motors Party, NBC

7:30 p.m.—Empire Builders, NBC

8 p.m.—Shell program, NBC

9 p.m.—Voice of Firestone, NBC

9:30 p.m.—The Cigar Band, NBC

10 p.m.—Packard Concert Orch., Pryor Moore, director

11 p.m.—KFI News Bureau

309.1 Meters

KJR

Channel 97

970 Kcys.

5000 Watts

Northwest Radio Service Co., Seattle, Wash.

5:30 p.m.—Raymond D. Holmes, lecture

6 p.m.—Elmore Vincent, tenor; Marjorie Robillard, piano

6:15 p.m.—Stonewall Jackson, guitar

6:30 p.m.—Hometowners' orchestra

7:30 p.m.—Glen Eaton, tenor; Marjorie Robillard, piano

8 p.m.—Damski's Neapolitans; Agatha Turley, soprano; Sidney Dixon, tenor

9 p.m.—Los Gauchos Argentine Ensemble

10 p.m.—Concert ensemble and soloists

11 p.m.—Cole McElroy's Spanish Dance Band

MONDAY Programs

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

Radio Entertainments, San Francisco, Calif.
9 to 10 a.m.—Musical Gems
10 to 10:30 a.m.—Charlie Glen, "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.—Seller program
11:30 to 12 noon—Organ recordings
12 to 1 p.m.—The Hooligans
1 to 1:30 p.m.—Cal King's Country Store
6 to 7 p.m.—Dinner Hour program
7 to 7:30 p.m.—Studio program
8:30 to 8:45 p.m.—Gertrude Tracy, songs; Truman Bishop Handy, pianist and accompanist
8:45 to 9 p.m.—The Three Kellys
9 to 9:30 p.m.—Herbert Maas, boy baritone; Margaret Ross, acc.
9:30 to 10 p.m.—Composers' period
10 to 11 p.m.—Variety Hour with Pepsonians Dance Band and assisting artists
11 to 12 midnight—Dance Hour
12 to 1 a.m.—Midnight classics

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

Oakland Educational Society, Oakland, Cal.
1:30 to 2 p.m.—Edna's Entertainment Hour
2 to 2:30 p.m.—George Otto's Hawaiians
2:30 to 3 p.m.—Don Dale
3 to 3:30 p.m.—Vera Endriss, soprano; Sybil Lind, violinist
3:30 to 4 p.m.—Ted and Mac
4 to 4:30 p.m.—The "Ne'er Do Well"
4:30 to 5 p.m.—KFWM Melody Boy
5 to 6 p.m.—Dr. Wade Forrester's Hour of Sunshine, Health and Happiness
7:30 to 8 p.m.—Doc Herold
8 to 8:30 p.m.—Dr. Dysart's Four Pals Quartet

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.—Talk and morning prayer
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's morning message
10:30 to 11 a.m.—Household economics
11:15 to 11:30 a.m.—Madame Marie, beauty talks
11:30 to 12 noon—Maytag "So-A-Tone" broadcast
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3:30 to 4 p.m.—Howard Clark's Blue Monday frolic
4 p.m.—Announcements and stock reports
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.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 7 p.m.—Organ program
7 to 7:30 p.m.—KNX feature artists
7:30 to 8 p.m.—One-act play, directed by Georgia Fifield
8 to 9 p.m.—Luboviski Musical Trio
9 to 9:30 p.m.—Courtsey program
9:30 to 10 p.m.—"So-A-Tone" broadcast
10 to 11 p.m.—Hotel Ambassador Coconut Grove Orchestra
11 to 12 midnight—Program of recordings
12 to 1 a.m.—Dorado Silver Fizz dance hour

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

7 to 8 a.m.—Eye Openers
8 to 9 a.m.—Recordings
9 to 9:30 a.m.—Morning Prayer Hour
9:30 to 10:30 a.m.—Recordings
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 the Chimes
1:30 to 2:30 p.m.—Recordings
2:30 to 3:30 p.m.—Alice Blue, organist; Mabel Payne, soloist
3:30 to 4 p.m.—Recordings
4 to 5 p.m.—Home Towners
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.—Recordings
7:30 to 8 p.m.—"Poke Bonnet Sisters"
8 to 8:30 p.m.—Sunshine Boy and Alice Blue
8:30 to 10 p.m.—Ice hockey, with Ernie Smith announcing
10 to 11 p.m.—Melody Masters in concert
11 to 12 midnight—Nite Owls; Pickwickians Dance Orchestra
12 to 1 a.m.—Slumber Chasers

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

J. Brunton & Sons, San Francisco, Calif.
6:45 to 8 a.m.—Early Bird Hour
8 to 9:30 a.m.—Favorite recordings
9:30 to 10 a.m.—Andy Anderson, pianist
10 to 12 noon—Record program
12 to 12:05 p.m.—Stock report
12:05 to 1:45 p.m.—Popular records
1:45 to 2 p.m.—Dr. Wiseman, health talk
2 to 2:30 p.m.—Records
2:30 to 2:45 p.m.—Matilda Rosenfeld talk
2:45 to 3 p.m.—Records
3 to 4 p.m.—Radio Rodeo
4 to 4:30 p.m.—Al Sather, "Songs of the Moment"
4:30 to 4:45 p.m.—Record varieties

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

The Morning Oregonian, Portland, Oregon
7 to 8 a.m.—"Making Merry with Sperry," 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.—"Magazine of the Air," NBC
11:30 to 12 noon—Records
12 to 1 p.m.—Fox Hollywood luncheon concert
1 to 1:30 p.m.—U. S. market reports
1:30 to 2:30 p.m.—Pacific Vagabonds
2:30 to 3 p.m.—Masterworks
3 to 3:30 p.m.—Mormon Tabernacle, NBC
3:30 to 4:30 p.m.—Studio, popular records
4:30 to 4:45 p.m.—Service Hour, KGW
4:45 to 5 p.m.—Back of the News, NBC
5 to 5:30 p.m.—Movie Club, KGW
5:30 to 6 p.m.—Stewart-Warner, KGW
6 to 6:30 p.m.—Edison program, NBC
6:30 to 7:30 p.m.—General Motors Party, NBC
7:30 to 8 p.m.—Empire Builders, NBC
8 to 9 p.m.—Rudy Seiger's Shell Symphonists, 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

MONDAY Programs

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

Don Lee, Inc., San Francisco, Calif.

7 to 7:30 a.m.—"Simpv Fitts" from Seal Rocks
7:30 to 8 a.m.—Bill Wright, "The Pathfinder"
8 to 8:30 a.m.—Recordings
8:30 to 9:15 a.m.—Columbia Noonday Club, CBS
9:15 to 9:30 a.m.—Fitch Co. program
9:30 to 10:30 a.m.—Woman's Hour, DLBS
10:30 to 11 a.m.—Wyn's daily chats
11 to 11:30 a.m.—Mary Haines, Domestic Science talk
11:30 to 12 noon—Auditions
12 to 1 p.m.—Sherman & Clay noonday concert
1 to 1:30 p.m.—Leigh Harline, organist
1:30 to 2 p.m.—Charlie Wellman, DLBS
2 to 3 p.m.—Happy Go Lucky Hour
3 to 3:15 p.m.—Western Air Express aviation talk
3:15 to 3:30 p.m.—Talk by physician from U. C.
3:30 to 4 p.m.—Current events, CBS
4 to 4:50 p.m.—Elvia Allman's Surprise Package
4:50 to 5 p.m.—Recordings and town topics
5 to 5:30 p.m.—Sunset Ensemble, DLBS
5:30 to 6 p.m.—Hank Howe and his music
6 to 6:15 p.m.—Bohs, sports authority
6:15 to 6:30 p.m.—Geo. Edwards of Coast Investor
6:30 to 7 p.m.—Charles W. Hamp for S. & W.
7 to 7:30 p.m.—Sierra Symphonists, DLBS
7:30 to 8 p.m.—Paul Carson, pianist and Juliet Dunn, soprano
8 to 10 p.m.—"Golden State Blue Monday Jam-boree"
10 to 11 p.m.—Hotel Mark Hopkins orchestra
11 to 12 midnight—Los Angeles Biltmore orchestra, DLBS

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

Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.—Physical culture period
7:40 to 8 a.m.—Recordings
8 to 9 a.m.—"Cheerio," by Baron Keyes
9 to 9:15 a.m.—Marjorie Fisher, pianist
9:15 to 9:30 a.m.—Mme. Jeanne Forrest, soprano
9:30 to 10 a.m.—Yoeng's Orchestra, CBS
10 to 10:30 a.m.—A. White, "At Our House"
10:30 to 11 a.m.—The Times Forum
11 to 11:45 a.m.—Patterns in Print, CBS
11:45 to 12 noon—Normalizer Sales 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 (to KFRC)
2 to 3 p.m.—Fada Radio program
3 to 3:15 p.m.—Recordings
3:15 to 3:30 p.m.—Psycho-analysis talk
3:30 to 3:45 p.m.—M. Murray, "Home Problems"
3:45 to 4 p.m.—Recordings
4 to 4:50 p.m.—Matinee Melody Masters
4:50 to 5 p.m.—World-wide news
5 to 5:30 p.m.—Story Man's "Air Castle"
5:30 to 6 p.m.—Dance band
6 to 6:30 p.m.—Orchestra and singers
6:30 to 7 p.m.—Chas. W. Hamp for S. & W.
7 to 7:30 p.m.—Concert orchestra
7:30 to 8 p.m.—Silverwood's orch. and singers
8 to 10 p.m.—Jamboree (from KFRC)
10 to 10:05 p.m.—World-wide news
10:05 to 11 p.m.—Mark Hopkins Hotel Dance Orchestra (from KFRC)
11 to 12 midnight—Earl Burnett's Dance Orchestra
12 to 1 a.m.—Organ recital

340.7 Meters
880 Kcys.

KLX

Channel 88
500 Watts

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises; 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; weather
10:30 to 11 a.m.—Recordings
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machados KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 3:30 p.m.—Opportunity hour
3:30 to 3:50 p.m.—Recordings
3:50 to 4 p.m.—Belco talk
4 to 4:30 p.m.—The Happy Hayseeds
4:30 to 5 p.m.—Records
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferrra, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Alabam Cafe orchestra
8 to 9 p.m.—Amati Quartet
9 to 10 p.m.—Helen Wegman Parmelee, pianist; Edith Fern Newcomb, contralto; Chas. Follette, accompanist; Elisa Madsen, violinist, and Franklin Roberts, baritone

239.9 Meters
1250 Kcys.

KFOX

Channel 125
1000 Watts

Nichols & Warinner, Long Beach, Calif.

12 to 12:30 p.m.—Dessie Blackman, pianist
12:30 to 1 p.m.—Originality Girls
1 to 2 p.m.—The Old-Timers' Hour
2 to 2:30 p.m.—Health talk, Dr. Harbottle
2:30 to 3 p.m.—Modernistic dance recordings
3 to 3:30 p.m.—Organ recital
3:30 to 4 p.m.—Hawaiian music
4 to 4:15 p.m.—Late news report
4:15 to 4:30 p.m.—Heini and Ed
4:30 to 5:30 p.m.—Organ recital
5:30 to 6 p.m.—Helene Smith and Marie Kapp, popular numbers
6 to 6:05 p.m.—Lost and Found Department
6:05 to 7 p.m.—Hal's Gang
7 to 8 p.m.—The Comic Strip of the Air
8 to 8:15 p.m.—Weekly song story
8:15 to 11 p.m.—Grand opera recordings
11 to 11:30 p.m.—Majestic Ballroom
11:30 to 11:40 p.m.—Press-Telegram sports review
11:40 to 12 midnight—Silver Spray Orchestra
12 to 3 a.m.—"This and That"

315.6 Meters
950 Kcys.

KFWB

Channel 95
1000 Watts

Warner Brothers, Hollywood, California

11:15 to 12:30 p.m.—KFWB Quintet and soloists
12:30 to 2:10 p.m.—Radio varieties
2:10 to 2:40 p.m.—Art Pabst and his banjo
2:40 to 3:10 p.m.—Leon Ardoff, baritone; Jose Perchez, concert pianist
4:15 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.—Vitaphone recording organ
7:30 to 7:45 p.m.—Jean Leonard, "Wizard of the Ivories"
7:45 to 8 p.m.—Sports talk
8 to 9 p.m.—Leo Forbstein and his Vitaphone Recording Orchestra; First National stars and players in person
9 to 9:30 p.m.—Continuity program
9:30 to 10 p.m.—Don Warner's dance orchestra
10 to 10:30 p.m.—George Olson's orchestra
10:30 to 11:30 p.m.—Montmartre Cafe Orch.
11:30 to 12 midnight—George Olson's orchestra

MONDAY Programs

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

Fisher's Blend Station, Seattle, Washington
 6:55 a.m.—Inspirational services
 7 a.m.—Making Merry with Sperry
 8 a.m.—Shell Happy Time
 9 a.m.—Health exercises
 9:15 a.m.—Organ recital
 10:15 a.m.—VeOna Socolofsky, soprano, and Perdin Korsmo, tenor
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 a.m.—Marmola So-A-Tone broadcast
 11:45 a.m.—Mary Blake's recipe talk
 12 noon—Agriculture Farm Talk
 12:15 p.m.—What to Prepare for Dinner
 12:30 p.m.—Orchestra; Agnes Skartvedt and Rhena Marshall; Greenwood Mitchell, baritone, and Hayden Morris, basso
 3 p.m.—Salt Lake Tabernacle choir and organ recital, NBC
 3:30 p.m.—Artistic ensemble; G. Donald Gray, baritone
 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; VeOna Socolofsky, soprano
 5:45 p.m.—Tim's Pep Rally
 6 p.m.—Edison Recorders, NBC
 6:30 p.m.—General Motors party, NBC
 7:30 p.m.—Empire Builders, NBC
 8 p.m.—Seiger's Shell Symphonists, NBC
 9 p.m.—Voice of Firestone, NBC
 9:30 p.m.—The Cigar Band, NBC
 10 p.m.—Univ. of Wash. Educational Hour
 10:45 p.m.—News flashes
 11 p.m.—Olympic Hotel Dance Orchestra
 12 midnight—Organ recital

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 8 a.m.—Making Merry with Sperry, KPO
 8 to 9 a.m.—Shell Happy Time, KPO
 9 to 10 a.m.—Musical Bazaar
 10 to 10:30 a.m.—Sunshine program
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 to 12 noon—Farmers' Service Hour
 12 to 12:15 p.m.—Nat'l Sav. luncheon program
 12:15 to 12:30 p.m.—Musical program
 12:30 to 1 p.m.—Gold Seal program
 1 to 1:30 p.m.—Crosley Musical Review
 1:30 to 1:45 p.m.—Miss Modern shops a la mode
 1:45 to 2 p.m.—Fur Facts
 2 to 3 p.m.—Washington Home Service
 3 to 3:30 p.m.—Theatrical Review
 3:30 to 4 p.m.—"Paint o' Mine" period
 4 to 5 p.m.—Concert orchestra
 5 to 5:30 p.m.—Matched Units Hour
 5:30 to 6 p.m.—Santa Claus
 6 to 6:30 p.m.—Edison program, NBC
 6:30 to 7:30 p.m.—General Motors Party, NBC
 7:30 to 8 p.m.—Empire Builders, NBC
 8 to 9 p.m.—Rudy Seiger's Shell Symphonists, 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 Brevities
 10:30 to 11 p.m.—Bride lessons
 11 to 11:15 p.m.—Dutch Dough Boys
 11:15 to 11:30 p.m.—Matched Units Hour
 11:30 to 12:30 a.m.—Liberty Theater organ
 12:30 to 1:30 a.m.—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
 10:30 to 11:30 a.m.—Woman's Magazine of the Air
 11:30 to 12 noon—Philharmonic organ recital
 12 to 1 p.m.—Rembrandt Trio
 1 to 1:30 p.m.—NBC Debut Hour
 1:30 to 2:30 p.m.—Pacific Vagabonds
 3 to 3:30 p.m.—Mormon Tabernacle choir and organ recital, Salt Lake City
 3:30 to 3:45 p.m.—National Park Service Talks
 3:45 to 4:15 p.m.—Calif. Federation of Women's Clubs, KGO and KECA
 4:15 to 4:45 p.m.—Evening Reveries
 4:45 to 5 p.m.—Back of the News
 5 to 5:15 p.m.—Moment Musicale
 5:15 to 5:45 p.m.—Aunt Betty Kiddies' Klub
 5:45 to 6 p.m.—News Service
 6 to 6:30 p.m.—Edison program
 6:30 to 7:30 p.m.—General Motors
 7:30 to 8 p.m.—The Empire Builders
 8 to 9 p.m.—Rudy Seiger's Shell Symphonists
 9 to 9:30 p.m.—The Voice of Firestone
 9:30 to 10 p.m.—"The Cigar Band"
 10 to 11 p.m.—Slumber Hour
 11 to 12 midnight—Hotel St. Francis Dance Orchestra

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

6 to 6:30 p.m.—Hamilton Beach program
 6:30 to 7 p.m.—Ranch Dance Band
 7 to 8 p.m.—Melbourne Duo
 8 to 9 p.m.—Popular program, Jimmie Lowes, Hugh Poore, Jim Anderson, Jack Davis, Ivan Ditmars
 9 to 9:15 p.m.—Ivan Ditmars
 9:15 to 10:30 p.m.—Wrestling bouts
 10:30 to 12 midnight—Dance program

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

Radio Service Corp., Salt Lake City, Utah
 4 p.m.—Amos 'n' Andy
 5 p.m.—Dance orchestra
 5:30 p.m.—Vocal and instrumental selections
 5:50 p.m.—Conservation of Vision
 6 p.m.—Edison program, NBC
 6:30 p.m.—General Motors, NBC
 7 p.m.—Program of diversified musical selections, "Western Hour"
 7:30 p.m.—Great Northern Railroad program, NBC
 8 p.m.—"The Jewel Box"
 9 p.m.—"The Voice of Firestone," NBC
 9:30 p.m.—Diversified musical program
 10 p.m.—Slumber Hour, NBC

204 Meters **KGA** **Channel 147**
1470 Kcys. **5000 Watts**

Northwest Radio Serv. Co., Spokane, Wash.
 4 p.m.—Tea Hour concert
 4:30 p.m.—Uncle Andy
 5 p.m.—World Bookman
 6 p.m.—Melody Aces
 7:30 p.m.—Glen Eaton, tenor; Marjorie Robillard, piano
 8 p.m.—Damski's Neapolitans
 9 p.m.—Los Gauchos Argentines
 10 p.m.—Request program
 11 p.m.—RKO-KGA Hour



The Jensen "Imperial"

When You Christmas

Many factors---and comp
the selection of your Ch
but---after all---no radio
speaker which gives it vo

Many National manufact
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Jensen Electro-Dynamic S

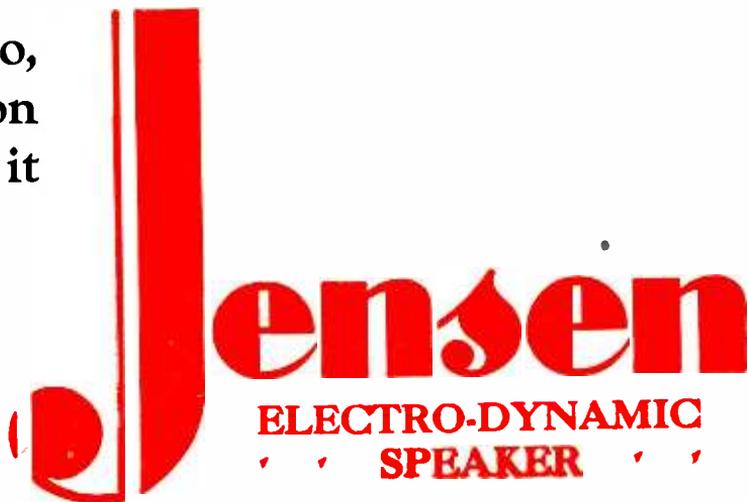
When you buy your C
think first of that all-imp
---"What kind of a Spea
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Buy Your Radio . . .

comparisons--will enter into
Christmas radio . . .
can do more than the
price.

Manufacturers--realizing the im-
portance--are using the
Jensen Speaker.

Christmas radio,
important question
maker has it--is it

The logo features a large, stylized red letter 'J' on the left. To its right, the word 'Jensen' is written in a bold, red, sans-serif font. Below 'Jensen', the words 'ELECTRO-DYNAMIC' and 'SPEAKER' are stacked in a smaller, red, all-caps sans-serif font, separated by small red decorative marks.

Jensen
ELECTRO-DYNAMIC
SPEAKER

TEN STATIONS GET NEW POSITIONS

TO CUT down interference between stations, and improve reception conditions generally, without the necessity of making general shifts in the entire zones affected, the Radio Commission has changed ten California stations and all of the stations within the borders of the state of Florida. The changes are of position and frequency or wave-length. This information will explain certain odd positions on the dial not formerly occupied.

Various complaints from both states impelled the change and after a careful survey of the situation the commission decided to shuffle the cards and deal again. The shifts in both instances were confined to stations within the two states, and were so arranged that the rest of the zones in which they functioned remained undisturbed.

The main object, it is explained by commission officials, is to reduce interference and escape from the complications of crowded frequencies. New stations have been licensed in both states since the wave length allocations of a year ago and the job of fitting these into a hole in the frequency scale, has not been a small one. It has not always been satisfactory, either, when finished.

The changes have all been made now and the stations are being tried out on the new locations. If they prove satisfactory they may be left there until the next official general re-allocation which seems necessary to make way for some of the higher powered units which are planning to invade the field.

COURT TO DECIDE WHO OWNS AIR

IN THE hands of the United States Supreme Court rests the fate of broadcast wave channels as a theoretical property right.

Can a station claim ownership of a certain wave channel? Can it defend such ownership against other stations who want the same wave channel? Can the government, under a franchise, delegate to a station a channel right as against any other station, and as against a legal action in court to compel the first to share with the second the fruits of that particular channel?

All these questions are now being debated by the Supreme Court prior to the finding of its opinion in cases pending before it. Broadcasting has brought up entirely new legal

BROADCASTING NOW NINE YEARS OLD

NINE years ago, KDKA, the Westinghouse station at East Pittsburgh, broadcast to a few officers and friends of the company, to whom receivers had been presented, returns from the election of Warren G. Harding as President of the United States.

Much radio water flowed under the technical obstructions in the eight years that followed, and last year 50,000,000 persons heard the presidential returns, the large majority over their own radio sets and in their own homes. KDKA's sisters of nine years ago—WBZ at Springfield, Mass., and WJZ at Newark, N. J., now have some 600 brothers and sisters—a large family for so short a time.

The first election broadcast was made November 2, 1920. Two years later, so rapidly had the art, or science, whichever you will, grown, that Herbert Hoover, then secretary of commerce, called the first radio conference. A year later he called another conference, by which time the listening public had grown from 600,000 to 2,500,000, based on actual set ownership. There was laid the foundation for federal control of a most ticklish problem.

Since 1920, broadcasting has linked Pole and Pole, has brought the words of princes, potentates and statesmen, actors, diplomats, educators and scientists into the far places. It has laid drama, music, the color of life, ancient and modern, and the treasures of art, both fine and homily, at the doorstep of millions. Some showing, for only nine years of activity! And still no forecast of its future gifts.

problems, and before much can be done in the way of legislation, the Supreme Court must decide whether or not a radio station can "own" a channel.

The decision will determine, in effect, whether the radio commission has the right to give to a few powerful stations certain special or "cleared" zones, to the exclusion of smaller and less favored stations. The smaller stations claim that it has not.

SUBSCRIBE NOW

BROADCAST WEEKLY will be delivered to your door every week for one full year for only \$3.00.

TUESDAY Programs

NBC

National Broadcasting Company

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

Continuing her fall series of lessons on cookery, Betty Crocker will speak to the feminine audience. Reminded that today's lesson is next to the last of the fall series, homemakers will tune for this talk to stations KGO, KHQ, KOMO, KGW and KFI.

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

With Bennie Walker at the microphone, the broadcast will open with the Wright period presenting Ann Holden. "Artichoke Salad Catalina" is her decidedly new recipe. That Christmas is close at hand will be suggested during the Sunset Feature and Miss Holden speaks again in the Wedgewood period on "Pound Cake."

Baritone solos by John Teel and harmony by John and Ned are scheduled to augment interpretations by the Magazine Melodists.

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

2 to 3 p.m.—The Wanderers

Tom and Dick, the two American travelers, will be the center of interest in another episode in the serial drama. The title roles will be played by Bert Horton and Jacques Phipps. In the balance of the cast are Bobbe Deane, Olive West and Bernice Berwin.

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

4:15 to 4:30 p.m.—Second Universal Safety Series

Broadcast through KGO, KOMO and KGW.

5:30 to 6 p.m.—"Around the World With Libby"

With Marian Anderson, colored contralto, as his guide, Josef Pasternack will go south of the Mason-Dixie Line during the "Around the World With Libby" program. Music of the South will be the rule during this program, which will open with the orchestra playing "Virginia Reel" under Pasternack's direction and will close with Miss Anderson singing "Carry Me Back to Old Virginny."

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

6 to 7 p.m.—Eveready Hour

This 60-minute presentation will be released through KGO, KHQ, KOMO, KGW and KFI.

7 to 7:30 p.m.—Clicquot Club Eskimos

Sleigh bells will jingle merrily as the Clicquot Club Eskimos ride up to the microphone tonight. Harry Reser, banjo soloist, will lead the instrumentalists, who will be heard through KGO, KHQ, KOMO, KGW and KFI.

7:30 to 8:30 p.m.—Radio-Keith-Orpheum Hour

Familiar figures in the Radio-Keith-Orpheum galaxy of stars will entertain the nation-wide audience through KGO, KHQ, KOMO, KGW and KFI.

8:30 to 9 p.m.—In Shakespeare's Time

Excerpts from Shakespearian dramas will be read for radio auditors when the third presentation of "In Shakespeare's Time" is released. The group of readers who are heard during these new weekly offerings includes Irving Pichel and George Rand. A musical background is provided by an orchestra playing under Charles Hart's direction.

Broadcast through KGO and KECA.

9 to 9:30 p.m.—Parker Duofold Family

Swarthy-skinned toreadors and dark-eyed senoritas with jet black hair and ruby red lips will be kept before the radio audience constantly by the Parker Duofold Family during their program tonight.

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

9:30 to 10 p.m.—The Olympians, KGO and KECA.

10 to 11 p.m.—Spotlight Review
Musical and dramatic treats in equal proportion are in store for dialers tonight.

Broadcast through KGO, KHQ and KFI.

11 to 12 midnight—Musical Musketeers

Walter Beban, with his "talking saxophone," will direct the 14-piece band. Novelty interpolations have been arranged by Charles Marshall.

Broadcast through KGO, KHQ, KOMO and KPO.

379.5 Meters

KGO

Channel 79

790 Kcys.

10,000 Watts

General Electric Co., Oakland, California

8 to 9 a.m.—Reveille

9:30 to 9:45 a.m.—The Morning Glories

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

10 to 10:30 a.m.—Sunshine Rays

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

11:30 to 12 noon—Philharmonic organ

12 to 1 p.m.—Novelty Five

2 to 3 p.m.—The Wanderers

4:15 to 4:30 p.m.—Universal Safety Series, NBC

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 7 p.m.—Eveready Hour

7 to 7:30 p.m.—Clicquot Club Eskimos

7:30 to 8:30 p.m.—RKO Hour

8:30 to 9 p.m.—In Shakespeare's Time

9 to 9:30 p.m.—The Parker Duofold Family

9:30 to 10 p.m.—Olympians

10 to 11 p.m.—Spotlight Review

11 to 12 midnight—Musical Musketeers

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.—The Shell Happy Time, KPO

9 to 9:45 a.m.—Musical Bazaar

9:45 to 10 a.m.—B. Crocker Gold Medal talks

10 to 10:30 a.m.—Sunshine program

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

11:30 to 12 noon—Farmers' Service Hour, news

12 to 1 p.m.—Chamber of Commerce luncheon

1 to 1:30 p.m.—Crosley Musical Review

1:30 to 1:45 p.m.—Miss Modern shops a la mode

1:45 to 2 p.m.—Fur Facts

2 to 3 p.m.—The Wanderers, NBC

3 to 3:30 p.m.—Theatrical review

3:30 to 4 p.m.—Paint 'o' Mine Period

4 to 5 p.m.—Concert orchestra

5 to 5:30 p.m.—Matched Unit Hour

5:30 to 6 p.m.—Around the World with Libby, NBC

6 to 7 p.m.—Eveready Hour, NBC

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

7:30 to 8:30 p.m.—RKO program, NBC

8:30 to 9 p.m.—Studio program

9 to 9:30 p.m.—Parker Duofold Family, NBC

9:30 to 9:45 p.m.—Little Buster

9:45 to 10 p.m.—Dutch Dough Boys

10 to 11 p.m.—Spotlight Review, NBC

11 to 12 midnight—Musical Musketeers, NBC

12 to 1 a.m.—Just Another Hour

TUESDAY Programs

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

7 to 8 a.m.—Exercises; stocks
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Recordings
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.—S. F. stocks, closing prices
3 to 3:30 p.m.—Marguerite Vogel, contralto
3:30 to 4 p.m.—Records
4 to 4:30 p.m.—The Happy Hayseeds
4:30 to 5 p.m.—Chas. T. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferrra, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Rhinar and Scott
8 to 9 p.m.—Lynn Pryor's dance orchestra
9 to 10 p.m.—Helen Wegman Parmelee, pianist;
Fred Bounds, tenor; Nerino Turchet, accom-
panist
10 to 11 p.m.—Fleur-de-Lis dance orchestra

483.6 Meters
620 Kcys. **KGW** **Channel 62**
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 9:45 a.m.—The Town Crier
9:45 to 10 a.m.—"Betty Crocker"
10 to 10:30 a.m.—Town Crier, KGW
10:30 to 11:30 a.m.—"Magazine of the Air," NBC
11:30 to 11:45 a.m.—Fels Naptha
11:45 to 12 noon—Records
12 to 1 p.m.—Organ recital
1 to 1:15 p.m.—U. S. market report
1:15 to 2 p.m.—Musical entertainment
2 to 3 p.m.—The Wanderers, NBC
3 to 4:15 p.m.—Musical Master Works
4:15 to 4:30 p.m.—Universal Safety Series, NBC
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 7 p.m.—Eveready Hour, NBC
7 to 7:30 p.m.—Chicquot Club Eskimos
7:30 to 8:30 p.m.—Radio-Keith-Orpheum, NBC
8:30 to 9 p.m.—Studio program
9 to 9:30 p.m.—The Parker Family, NBC
9:30 to 10 p.m.—Franz Doughboys
10 to 11 p.m.—Gold Shield concert, KOMO
11 to 12 midnight—Dance Band

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

5 p.m.—Dinner concert
6 p.m.—Radio Nature Club
6:15 p.m.—Collegiate Candy Boys
6:30 p.m.—Knights Templar Band
7 p.m.—Orpheus String Quintet
7:30 p.m.—A Pair of Jacks
8 p.m.—Harmony Aces Dance Band
9 p.m.—Orchestra; Sidney Dixon, Agatha Turley
10 p.m.—Los Gauchos Argentines; Elmore Vin-
cent, tenor
11 p.m.—KJR Review

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

Don Lee, Inc., San Francisco, Calif.

7 to 7:30 a.m.—"Simpy Fitts"; N. Y. Exchange
7:30 to 8 a.m.—Bill Wright, the "Pathfinder"
8 to 8:30 a.m.—Walter Kolomoku's Honoluluans,
Hawaiian and American music
8:30 to 9:30 a.m.—Columbia Noonday Club, CBS
9:30 to 10:30 a.m.—Woman's Hour, DLBS
10:30 to 11 a.m.—Wyn's Daily Chats
11 to 11:30 a.m.—Chas. Hamp for S. & W.
11:30 to 11:45 a.m.—Fels Naptha broadcast
11:45 to 12 noon—Auditions
12 to 1 p.m.—Sherman & Clay noonday concert
1 to 2 p.m.—Columbia Symphony Orchestra,
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.—F. W. Davis
4:30 to 4:55 p.m.—Something About Everything
4:55 to 5 p.m.—News items and lost and found
5 to 5:30 p.m.—Town topics
5 to 5:30 p.m.—Mahlon Merrick's Modern Mel-
odists
5:30 to 6 p.m.—Edna Fischer, pianist
6 to 7 p.m.—Paul Whiteman and his Old Gold
Orchestra
7 to 7:30 p.m.—Sierra Symphonists, DLBS
7:30 to 8 p.m.—Remar Twins
8 to 9 p.m.—Pacific States Savings program
9 to 9:30 p.m.—Chrysler Silver Wings, featur-
ing Abe Bloom, Hazel Warner; conducted by
Mahlon Merrick
9:30 to 10 p.m.—"Captain Adams," featuring
Harold Dana
10 to 10:10 p.m.—"Frank Watanabe"
10:10 to 11:10 p.m.—Val Valente and his Roof
Garden Orchestra, Edna Fischer, Bob Olsen,
soloists
11 to 12:10 a.m.—Val Valente and his Roof
Garden Orchestra, Mac, Jean Wakefield, solo-
ists

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

Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.—Physical culture period
7:30 to 7:40 a.m.—Stock Exchange reports
7:40 to 8 a.m.—Recordings
8 to 9 a.m.—"Cheerio," by Baron Keyes
9 to 9:30 a.m.—Columbia Noon Day Club, CBS
9:30 to 10 a.m.—Yoeng's orchestra, CBS
10 to 10:35 a.m.—A. White, "At Our House"
10:35 to 11 a.m.—The Times Forum
11 to 11:30 a.m.—Chas. W. Hamp
11:30 to 12 noon—Recordings
12 to 12:30 p.m.—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.—Fada Radio program
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
3:45 to 4 p.m.—U. S. C. Trojan
4 to 4:50 p.m.—Matinee Melody Masters
4:50 to 5 p.m.—World-wide news
5 to 5:30 p.m.—The Story Man
5:30 to 6 p.m.—Organ recital with singer
6 to 7 p.m.—Old Gold program, CBS
7 to 8 p.m.—Don Lee Symphony
8 to 9 p.m.—Pacific States Sav. & Loan Co.
9 to 10 p.m.—Elvia Allman's "Surprise Pack-
age"
10 to 10:05 p.m.—World-wide news
10:05 to 12 midnight—Earl Burtnett's Dance
Orchestra
12 to 1 a.m.—Organ recital

TUESDAY Programs

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

Pacific Broadcasting Corp., San Francisco
9 to 9:30 a.m.—Request recorded program
9:30 to 10 a.m.—Program for Fox and Warfield
10 to 10:30 a.m.—Recorded program
10:30 to 11 a.m.—Clem Kennedy and George Taylor
11 to 12 noon—California Sunshine Hour
12 to 1 p.m.—Tuesday Noon Club
1 to 1:30 p.m.—Recordings
1:30 to 2:30 p.m.—Classical recordings
2:30 to 4 p.m.—Selected records
4 to 4:30 p.m.—Santa Claus, Emporium Air Castle
4:30 to 5 p.m.—Recordings
5 to 6 p.m.—Sunset concert
6 to 6:30 p.m.—Sidley program, with James Dickie
6:30 to 7 p.m.—Program for Fox and Warfield
7 to 7:15 p.m.—George Taylor
7:15 to 7:30 p.m.—Cecil and Sally
7:30 to 8 p.m.—Earl Le Claire Play Boys; Tom Smith, master of ceremonies
8 to 8:30 p.m.—Pacific Artists' Trio; Greta Gahler, soprano
8:30 to 9 p.m.—Song recital; Dorothy Lewis, contralto; Claire Upshur, soprano, and Constance Piper, pianist
9 to 10 p.m.—Pacific Artists' Trio; Nellie Wren, soprano
10 to 11 p.m.—Silver Slipper Cafe, orchestra
11 to 12 midnight—Byington Electric program
12 to 1 a.m.—All request program

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

First Baptist Church, San Jose, Calif.
10 to 11 a.m.—Helpful Hour
11 to 11:45 a.m.—Los Gatos program
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
5 to 5:30 p.m.—Children's program
5:30 to 6 p.m.—Musical program
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, weather 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 Radio News
8 to 9:30 p.m.—"You Never Can Tell" program

299.8 Meters **KFVD** **Channel 100**
1000 Kcys. **250 Watts**

Auburn Fuller, Culver City, Calif.
7 to 9 a.m.—Happy-Go-Lucky Trio
9:30 a.m.—Dan Maxwell, Scotch comedian
9 a.m.—Madame Zollar's beauty talk
10:30 a.m.—Marion Gay, Radio Smile Girl
11 a.m.—Marion Gay, Radio Smile Girl
12 noon—Request program
12:45 p.m.—Dr. Dorosh, Diet Question Box
1 p.m.—G. Allison's Home program
2:30 p.m.—Hal Roach Comedy Gossip
3 p.m.—Auburn Hour
4 p.m.—Eldorado program
4:35 p.m.—Timely topics
9 p.m.—Studio program
10 p.m.—Happy-Go-Lucky Trio
11 to 1 a.m.—Sebastian's Cotton Club Orchestra

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, assisted by William H. Hancock
9:30 to 10 a.m.—Dobbsie's Daily Chat
10 to 10:30 a.m.—Helpful Hints for Housewives
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:45 to 12:05 p.m.—Scripture; weather and special announcements
12:05 to 1 p.m.—Aeolian Trio
1 to 1:30 p.m.—Jerry Jermaine
1:30 to 2 p.m.—Ann Warner's Home Chats
2 to 3 p.m.—The Wanderers, NBC
3 to 4 p.m.—"The Toreadors"
4 to 4:30 p.m.—Bridge lesson
4:30 to 4:40 p.m.—Stock market quotations
4:40 to 5:20 p.m.—Children's Hour
5:20 to 5:30 p.m.—News digest, "Scotty" Mortland
5:30 to 6 p.m.—Around the World with Libby, NBC
6 to 7 p.m.—KPO Salon Orchestra
7 to 8 p.m.—Anglo-California Trust Co. radio hour
8 to 9 p.m.—North American popular concert
9 to 9:30 p.m.—Parker Duofold Family, NBC
9:30 to 10 p.m.—"California Crooners"
10 to 11 p.m.—Theodore Strong, organist, with Elmer Herling, baritone
11 to 12 midnight—Musical Musketeers, NBC

204 Meters **KGA** **Channel 147**
1470 Kcys. **5000 Watts**

Northwest Radio Serv. Co., Spokane, Wash.
4:30 p.m.—Uncle Andy
5 p.m.—World Bookman and music
6 p.m.—Melody Aces Carrie Andrew
7 p.m.—Harry Long, baritone; Artists' Ensemble
8 p.m.—Studio program
8:30 p.m.—Harmony Aces Dance Band; Eulala Dean, blues
9 p.m.—Sidney Dixon, tenor; Agatha Turley, soprano
10 p.m.—Request program

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

Western Broadcasting Co., Portland, Ore.
5 to 6 p.m.—Popular program
6 to 7 p.m.—Lyric Hour
8 to 8:30 p.m.—Classical program
8:30 to 8:45 p.m.—Troubles of Thomas
8:45 to 9 p.m.—Novelty program
9 to 10 p.m.—Studio program
10 to 10:30 p.m.—Dance program
10:30 to 11:30 p.m.—Jack and Jill Dance Band

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

General Electric Co., Denver, Colorado
4 to 4:15 p.m.—Amos 'n' Andy, NBC
4:15 to 4:30 p.m.—National Safety Council, NBC
4:30 p.m.—Stocks, markets, livestock, produce
4:55 p.m.—Road reports
5 to 5:30 p.m.—Farm Question Box
6 to 7 p.m.—Eveready Hour, NBC
7 to 7:30 p.m.—Cliequot Club Eskimos, NBC
7:30 to 8:30 p.m.—Radio-Keith-Orpheum Hour, NBC
8:30 to 8:35 p.m.—Financial Independence
8:35 to 9:35 p.m.—General Electric Hour; Denver Concert Orchestra and General Electric male quartet
9:35 to 9:50 p.m.—Lucile Fowler, contralto

TUESDAY 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
 10 to 10:30 a.m.—Charlie Glen, "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.—Luncheon program
 12:30 to 1 p.m.—Truman Bishop Handy
 1 to 1:30 p.m.—Cal King's Country Store
 6 to 7 p.m.—Dinner hour program
 7 to 7:30 p.m.—Studio program
 11 to 12 midnight—Dance Hour
 12 to 1 a.m.—Midnight classics

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

8 to 8:30 a.m.—"Top o' the Morning" program
 8:30 to 9 a.m.—Health questions answered
 11 to 11:30 a.m.—Select recordings
 11:30 to 12 noon—United Grocers
 1:30 to 2 p.m.—Edna's Entertainment Hour
 2 to 2:30 p.m.—George Otto's Hawaiians
 2:30 to 3 p.m.—Dorothy Wilson, blues singer
 3 to 3:30 p.m.—Vera Endriss, soprano; Sybil Lind, violinist
 3:30 to 4 p.m.—The Blake Stock Company
 4 to 4:15 p.m.—Tom King, detective stories
 4:15 to 4:30 p.m.—The "Ne'er Do Well"
 4:30 to 5 p.m.—KFWM Melody Boy
 5 to 6 p.m.—Dr. Forrester's Hour of Sunshine
 7:30 to 8 p.m.—Doc Herrold
 8 to 9 p.m.—Watch Tower program; drama
 9 to 10 p.m.—The Campfire program
 10 to 11 p.m.—Toutjian's Variety Hour

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.—Talk and morning prayer
 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 morning message
 10:30 to 11 a.m.—Household economics
 11 to 11:15 a.m.—Marmola "So-A-Tone" broadcast
 11:15 to 11:45 a.m.—Talk on "Better Speech"
 11:45 to 12:30 p.m.—Firemen's Orchestra
 1:30 to 2 p.m.—The Bookworm
 2 to 2:30 p.m.—Records and announcements
 3 to 3:30 p.m.—French lessons by Edgard Leon
 3:30 p.m.—Joyce Coad, Express Million Dollar Contest winner
 4 p.m.—Announcements and stock reports
 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.—"Own Your Own Home"
 5:45 to 6 p.m.—Town Crier's amusement tips
 6 to 7 p.m.—Organ program
 7 to 7:30 p.m.—Talk by Dr. Mars Baumgardt
 7:30 to 8 p.m.—Recording program
 8 to 9 p.m.—Tom and his mule Hercules
 9 to 9:30 p.m.—Maytag "So-A-Tone" broadcast
 9:30 to 10 p.m.—KNX feature artists
 10 to 11 p.m.—Hotel Ambassador Coconut Grove Orchestra
 11 to 12 midnight—Program of recordings
 12 to 1 a.m.—Dorado Silver Fizz dance hour

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

Nichols & Warinner, Long Beach, Calif.

12 to 1 p.m.—Hollywood Girls
 1 to 1:30 p.m.—Kiwanis Club luncheon
 1:30 to 2 p.m.—Originality Girls
 2 to 2:20 p.m.—Health talk, Dr. Harbottle
 2:20 to 2:30 p.m.—Doris and Marie Kapp, popular songs
 2:30 to 3 p.m.—Long Beach Band
 3 to 3:30 p.m.—Organ recital
 3:30 to 4 p.m.—Long Beach Band
 4 to 4:15 p.m.—News report
 4:15 to 4:30 p.m.—Cecil Fry, pianologues
 4:30 to 5:30 p.m.—Organ recital
 5:30 to 6 p.m.—Hollywood Girls
 6 to 6:05 p.m.—Lost and Found Department
 6:05 to 6:30 p.m.—Hollywood Girls
 6:30 to 6:45 p.m.—Hal's Gang
 6:45 to 7 p.m.—Dr. Williams
 7 to 7:30 p.m.—Hal's Gang
 7:30 to 8 p.m.—Buster Wilson's orchestra
 8 to 8:10 p.m.—Long Beach Municipal Band
 8:10 to 8:30 p.m.—Foster Rucker, better songs
 8:30 to 9 p.m.—Long Beach Municipal Band
 9 to 9:45 p.m.—Imperial Concert Orchestra
 9:45 to 10:30 p.m.—Fights from Olympic Auditorium, KFWB
 10:30 to 11 p.m.—Majestic Ballroom orchestra
 11 to 11:30 p.m.—Silver Spray Orchestra
 11:30 to 11:40 p.m.—Sports review
 11:40 to 12 midnight—Silver Spray Ballroom Orchestra
 12 to 3 a.m.—"This and That"

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

Fisher's Blend Station, Seattle, Washington

11:30 a.m.—Orchestra; Fred Lynch, tenor
 11:45 a.m.—Mary Blake's recipe talk
 12 noon—Agriculture Farm Talk
 12:15 p.m.—What to Prepare for Dinner
 12:30 p.m.—Orchestra; Perdin Korsmo, Dorothea Wei and Rhena Marshall
 2 p.m.—The Wanderers, NBC
 3 p.m.—Artistic ensemble; Hayden Morris and Greenwood Mitchell
 4 p.m.—Mining stock quotations
 4:15 p.m.—National Safety Council, NBC
 4:30 p.m.—Kiddies' program
 5 p.m.—Stock, bond and grain quotations
 5:15 p.m.—G. Donald Gray and VeOna Socolofsky
 5:30 p.m.—Around the World with Libby, NBC
 6 p.m.—Eveready Hour, NBC
 7 p.m.—Clitquot Club Eskimos, NBC
 7:30 p.m.—Radio-Keith-Orpheum program, NBC
 8:30 p.m.—Studio program
 9 p.m.—Parker Duofold Family, NBC
 9:30 p.m.—So-A-Tone broadcast
 10 p.m.—Gold Shield Little Symphony concert
 11 p.m.—News Flashes
 11:15 p.m.—Musical Musketees, NBC
 12 midnight—Organ recital

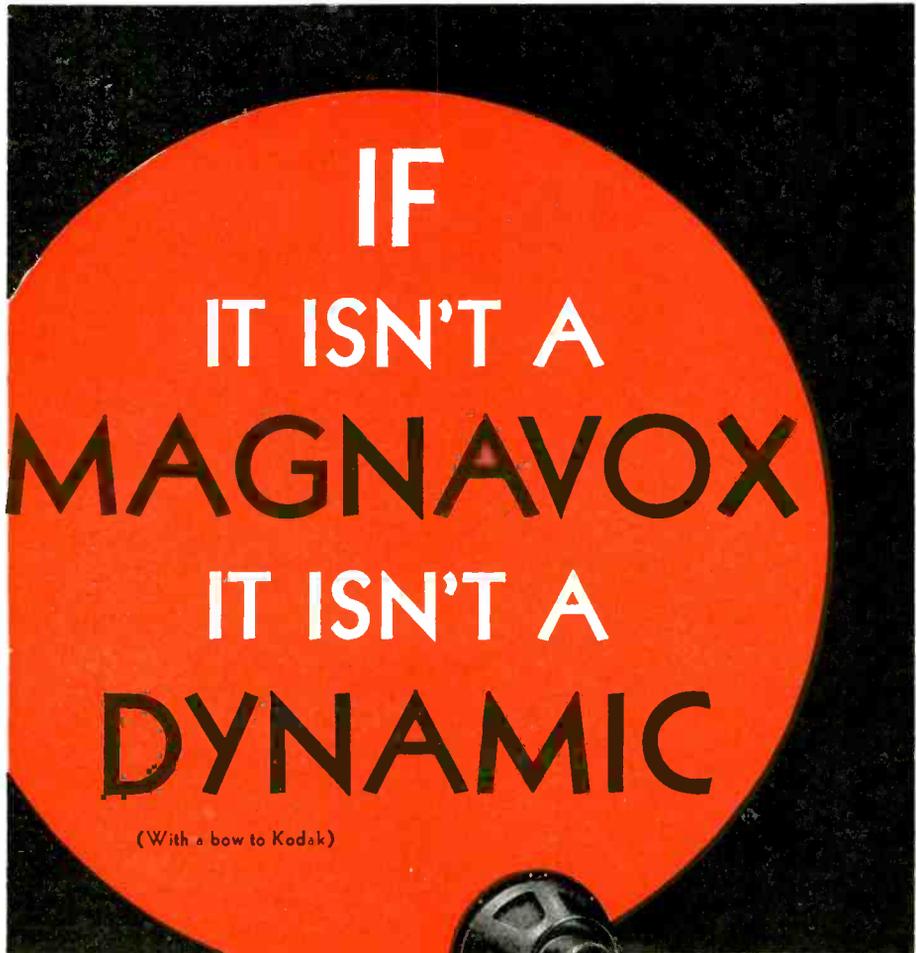
280.2 Meters **KJBS** **Channel 107**
1070 Kcys. **100 Watts**

J. Brunton & Sons, San Francisco, Calif.

6:45 to 8 a.m.—Early Bird Hour
 8 to 10:45 a.m.—Popular records
 10:45 to 11 a.m.—Dr. Wiseman, health talk
 11 to 12 noon—Record varieties
 12 to 12:05 p.m.—Stock report
 12:05 to 2 p.m.—Record program
 2 to 2:30 p.m.—Dell Raymond and Harry Miles
 2:30 to 3 p.m.—Popular records
 3 to 4 p.m.—Concert records
 4 to 4:30 p.m.—Sunset Revue
 4:30 to 4:45 p.m.—Records

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WEDNESDAY Programs

NBC

National Broadcasting Company

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

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

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

Helen Webster turns to Christmas gifts during today's broadcast. Miss Webster's Christmas talk will be during the Fuller Feature and is devoted to the making of wreaths. She will be heard also speaking during the Easier Housekeeping period on "Waterless," a pressure cooker.

Magnolia, Henry and Charlie offer the morning's fun with the Oronite comedy.

Bennie Walker conducts the broadcast and Marian Gilbert, contralto, and Jack Deane, "dean of popular song," are programmed to sing.

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

1 to 2 p.m.—Radio Guild

The Guild, which has already enacted works of Shakespeare, Ibsen, Gunnar Heiberg and other distinguished authors under the direction of Vernon Radcliffe, will broadcast through KGO, KOMO and KGW.

2 to 2:15 p.m.—National Woman's Party

Released on the Pacific Coast through KGO, KHQ, KOMO and KGW.

3 to 4 p.m.—The Cabin Door

Laughable incidents in the lives of Willie, Sam and their colored friends will provide the humor in a 60-minute "Cabin Door" program of music and comedy which will be released through KGO, KHQ, KOMO, KGW (3 to 3:15 p.m.) and KPO.

4 to 5 p.m.—Westinghouse Salute

Music and drama will be utilized to honor the textile industry. Pedro de Cordoba, the "Voice of the Interludes," will narrate the story of the ancient art of weaving and its development into one of the most important modern industries while a 90-piece orchestra of vocalists and instrumentalists offers descriptive music and a cast of noted actors and actresses enacts two dramatic sketches pertaining to textiles and their making. Cesare Sodero directs the orchestra.

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

6 to 6:30 p.m.—Halsey, Stuart Program

Homer Grunn's "Desert Suite" will be heard in part by the nation-wide audience when the Halsey, Stuart musicians offer a musical glimpse of desert Indians doing the "Choya Dance" during the half hour period tonight. This selection will be one of several tuneful numbers on the program which will surround a financial talk by the "Old Counsellor."

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

6:30 to 7:30 p.m.—Palmolive Program

The world's favorite marriage song, "Oh, Promise Me," will be sung as a duet by Olive Palmer and Elizabeth Lennox.

This song was interpolated in "Robin Hood" and, contrary to the general belief, is not a part of the original score composed by De Koven. It will come rather late in the hour's program and will be preceded by solos sung by Paul Oliver, tenor; quartet offerings by the Revelers and orchestral contributions

by a concert orchestra directed by Gustave Haenschen.

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

7:30 to 8 p.m.—Stromberg-Carlson Program

Guy Fraser Harrison will conduct a 48-piece orchestra in a 30-minute program of classical music.

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

8 to 8:30 p.m.—"Roads to Romance"

Discovery of gold on Jackson Creek, Ore., forms the theme of the "Roads to Romance" dramalogue with Jack and Ethyl in the leading roles.

Eighteen-fifty and 1851 saw the finding of gold in Oregon, but not until 1852 was it discovered in paying quantities. Then, history reveals, nuggets were valued as high as \$800.

At the opening of this "Roads to Romance" episode, the Associated Motor Mates are in the famous Rogue River Valley. They will hear the story of Oregon's gold from Randolph H. Porter, who is to be introduced as a lecturer of "Outstanding Events in the History of Rogue River Valley."

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

8:30 to 9 p.m.—The Hill Billy Boys

With Charles Marshall, Clarence Hayes, Virgil Ward and Johnny O'Brien numbered among them, the Hill Billy Boys will be heard through KGO and KHQ.

9 to 9:30 p.m.—Parisian Quintet, KGO.

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

10 to 11 p.m.—Cotton Blossom Minstrels

Tambo, Bones and the interlocutor will provide most of the conversation and atmosphere during this program, which is to be released by KGO, KHQ, KFI and KSL.

11 to 12 midnight—Musical Musketeers

Walter Beban directs the Musketeers in their capricious selections. Specialty numbers complete the hour.

Broadcast through KHQ, KOMO and KPO.

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

508.2 Meters

590 Kcys.

KHQ

Channel 59

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.—The Shell Happy Time

9 to 9:45 a.m.—Musical Bazaar

9:45 to 10 a.m.—Fitch program

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 11:45 a.m.—Chips of Pleasure

11:45 to 12 noon—Farmers' Service Hour

12 to 1 p.m.—Lewiston Idaho program

1 to 1:30 p.m.—Crosley Musical Review

1:30 to 1:45 p.m.—Miss Modern

1:45 to 2 p.m.—Fur Facts

2 to 2:15 p.m.—National Women's Party, NBC

3 to 4 p.m.—Cabin Door, NBC

4 to 4:30 p.m.—Concert orchestra

4:30 to 5 p.m.—Westinghouse Salute, NBC

5 to 5:30 p.m.—Concert orchestra

5:30 to 6 p.m.—Temple-Tones

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.—Stromberg-Carlson, NBC

8 to 8:30 p.m.—Roads to Romance, NBC

8:30 to 9 p.m.—Hill Billy Boys, NBC

9 to 9:30 p.m.—Bremer Tully

9:30 to 10 p.m.—Veedol Vodvil

10 to 11 p.m.—Cotton Blossom Minstrels, NBC

11 to 12 midnight—Musical Musketeers, NBC

12 to 1 a.m.—Just Another Hour

WEDNESDAY Programs

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

Pacific Broadcasting Corp., San Francisco
9 to 9:30 a.m.—Request recorded program
9:30 to 10 a.m.—Program for Fox and Warfield
10 to 11 a.m.—Recorded program
11 to 12 noon—California Sunshine Hour
12 to 1:30 p.m.—Popular recordings
1:30 to 3 p.m.—Classical recordings
3 to 3:30 p.m.—Short story course by Samuel B. Dickson
3:30 to 4 p.m.—Selected recordings
4 to 4:30 p.m.—Santa Claus from the Emporium
4:30 to 4:45 p.m.—Recordings
4:45 to 5:45 p.m.—Sunset concert
5:45 to 6 p.m.—Talk on Crime Prevention
6 to 6:30 p.m.—Program for Sidley Company
6:30 to 7 p.m.—Program for Fox and Warfield
7 to 7:15 p.m.—George Taylor
7:15 to 7:30 p.m.—Cecil and Sally
7:30 to 8 p.m.—Tommy Monroe and Bob Allen
8 to 8:30 p.m.—Pacific Artists' Trio; Nellie Wren, soprano
8:30 to 9 p.m.—George Taylor, Constance Piper, the Girl Friend, Mary Atkinson and Dud Williamson
9 to 9:50 p.m.—Pacific Artists' Trio; Dorothy Lewis, contralto
9:50 to 10 p.m.—Metro and Cosmo, the Politan Brothers
10 to 11 p.m.—Silver Slipper Cafe orchestra
11 to 12 midnight—Byington Electric program
12 to 1 a.m.—All request program

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

Fisher's Blend Station, Seattle, Washington
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.—Theater organ recital
10 a.m.—Auditone broadcast
10:15 a.m.—Mary Hale Martin Hour, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—So-A-Tone broadcast
11:45 a.m.—Mary Blake's recipe talk
12 noon—Orchestra; VeOna Socolofsky, soprano
12:15 p.m.—What to Prepare for Dinner
12:30 p.m.—Orchestra; G. Donald Gray and Rhena Marshall
1 p.m.—Radio Guild, NBC
2 p.m.—National Women's Party, NBC
2:15 p.m.—Orchestra; Agnes Skartvedt and Greenwood Mitchell
3 p.m.—Cabin Door, NBC
4 p.m.—Mining stock quotations
4:30 p.m.—The Westinghouse Salute, NBC
5 p.m.—Stock, bond and grain quotations
5:15 p.m.—Mixed vocal quartet
5:30 p.m.—Artistic ensemble
6 p.m.—Halsey Stuart, NBC
6:30 p.m.—Palmolive Hour, NBC
7:30 p.m.—Stromberg-Carlson program, NBC
8 p.m.—Roads to Romance, NBC
8:30 p.m.—Program by electrical transcription
8:45 p.m.—Orchestra; Fred Lynch, tenor; Dorothea Wei and Agnes Skartvedt
9 p.m.—Recordings
9:30 p.m.—Veodol Vodvil
10 p.m.—Fisher's Blend Hour
11 p.m.—News flashes
11:15 p.m.—Musical Musketees, NBC
12 midnight—Organ recital

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, assisted by William 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.—Helpful Hints for Housewives
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:45 to 12:05 p.m.—Scripture; weather and special announcements
12:05 to 1 p.m.—Aeolian Trio
1 to 1:30 p.m.—Jerry Jermaine
1:30 to 2 p.m.—Ann Warner's home chats
2 to 3 p.m.—Aeolian Trio
3 to 4 p.m.—The Cabin Door, NBC
4 to 5 p.m.—Studio Hour; 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.—Salon orchestra and book review
7 to 8 p.m.—North American popular concert
8 to 8:30 p.m.—"Jack and Ethyl," NBC
8:30 to 9 p.m.—"Packard program," KPO and KFI
9 to 10 p.m.—Studio Hour
10 to 11 p.m.—Jesse Stafford's Palace Hotel dance orchestra
11 to 12 midnight—Musical Musketees, NBC

204 Meters **KGA** **Channel 147**
1470 Kcys. **5000 Watts**

Northwest Radio Serv. Co., Spokane, Wash.
5 p.m.—World Bookman
6 p.m.—Melody Aces; Carrie Andrew; Banjo Rhythm Kings
7 p.m.—Hometowners' orchestra
7:30 p.m.—Glenn Eaton, tenor, and Marjorie Robillard, piano
8 p.m.—Artists' Ensemble
9 p.m.—Los Gauchos Argentines
10 p.m.—Request program

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.—Talk and morning prayer
9 to 9:30 a.m.—Georgia O. George program
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's morning message
10:30 to 11 a.m.—Household economics
11 to 11:30 a.m.—KNX Clinic of the Air
11:30 to 11:45 a.m.—Courtesy program
11:45 to 12 noon—"So-A-Tone" broadcast
12:30 to 12:45 p.m.—Bell Laboratories
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3:30 to 4 p.m.—KNX Clinic of the Air
4 p.m.—Announcements and stock reports
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.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 7 p.m.—Organ program
7 to 7:30 p.m.—"Mr. and Mrs." radio skit, featuring Georgia Field 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 9:30 p.m.—"Navigator Hour"
9:30 to 10 p.m.—KNX feature artists
10 to 11 p.m.—Hotel Ambassador Coconut Grove Orchestra
11 to 12 midnight—Program of recordings
12 to 1 a.m.—Dorado Silver Fizz dance hour

WEDNESDAY Programs

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

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—"Simpy Fitts"; N. Y. Exchange
8 to 8:30 a.m.—Bill Wright, "The Pathfinder"
8:30 to 9 a.m.—Columbia Noon Day Club, DLBS
9 to 9:30 a.m.—Recorded program
9:30 to 10:30 a.m.—Woman's Magazine
10:30 to 11 a.m.—Wyn's Daily Chats
11 to 11:30 a.m.—Mary Haine's domestic talk
11:30 to 12 noon—Auditions
12 to 1 p.m.—Sherman & Clay noonday concert
1 to 1:30 p.m.—Musical Albums, CBS
1:30 to 2 p.m.—Charlie Wellman, DLBS
2 to 3 p.m.—Happy Go Lucky Hour
3 to 3:30 p.m.—The "Observer" about new books
3:30 to 3:35 p.m.—Something About Everything
3:35 to 4 p.m.—News bulletins
4 to 4:50 p.m.—Matinee Melody Masters, DLBS
4:50 to 4:55 p.m.—Recordings
4:55 to 5 p.m.—Town topics
5 to 5:30 p.m.—Grand opera, with Nino Martini, tenor, CBS
5:30 to 6 p.m.—KFRC Concert Orchestra
6 to 6:30 p.m.—Joe Mendel and his Pep Band, with Mac
6:30 to 7 p.m.—Thirty Minutes of Sunshine with Charles W. Hamp
7 to 7:30 p.m.—Kolster Radio Hour
7:30 to 8 p.m.—Maytag So-A-Tone program
8 to 8:30 p.m.—Zenith program, DLBS
8:30 to 9:30 p.m.—M. G. M. Movie Club, DLBS
9:30 to 10 p.m.—Orchestra and soloists
10 to 11 p.m.—Anson Weeks' Hotel Mark Hopkins orchestra
11 to 12 midnight—Herb Meyerink's Mandarin Band; Gypsy and Marta, soloists

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

Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.—Physical culture period
7:40 to 8 a.m.—Recordings
8 to 9 a.m.—"Cheerio" by Baron Keyes
9 to 9:30 a.m.—Columbia Noon-Day Club, CBS
9:30 to 10 a.m.—Yoeng's Orchestra, CBS
10 to 10:30 a.m.—Agnes White, "At Our House"
10:30 to 11 a.m.—The Times Forum
11 to 11:30 a.m.—Patterns in Prints, CBS
11:30 to 11:45 a.m.—Richardson's program
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.—Kiwanis Club luncheon
1:30 to 2 p.m.—Charlie Wellman
2 to 3 p.m.—Recordings
3 to 3:30 p.m.—Fred C. McNabb, "Gardens"
3:30 to 4 p.m.—Talk or records
4 to 4:50 p.m.—Matinee Melody Masters
4:50 to 5 p.m.—World-wide news
5 to 5:30 p.m.—The Story Man
5:30 to 6 p.m.—Don Lee Dance Band
6 to 6:30 p.m.—Wesley Tourtellotte, organist, with singer
6:30 to 7 p.m.—Chas. W. Hamp
7 to 7:30 p.m.—Kolster program, CBS
7:30 to 8 p.m.—Don Lee Symphony
8 to 8:30 p.m.—Chanisor & Lyon program
8:30 to 9:30 p.m.—Movie Club
9:30 to 10 p.m.—Don Lee Symphony
10 to 10:05 p.m.—World-wide news
10:05 to 12 midnight—Earl Burnett's dance orchestra
12 to 1 a.m.—Organ recital

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.—Recordings
8:30 to 9 a.m.—Dr. Forrester
9:30 to 10:30 a.m.—Recordings
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 the Chimes
1:30 to 2:30 p.m.—Recordings
2:30 to 3:30 p.m.—Organ recital with Alice Blue; Mae Thompson, soprano
3:30 to 4 p.m.—Recordings
4 to 5 p.m.—Home Towners
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.—Recordings
7:30 to 8 p.m.—Ronald Jonson
8 to 9 p.m.—Organ recital by Alice Blue
9 to 12 midnight—"Cocoanuts" with "BB" and Pickwickians Dance Orchestra; Scharlin, Tobin
12 to 1 a.m.—Slumber Chasers

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

12 to 1 p.m.—Hollywood Girls
1 to 1:30 p.m.—Rotary luncheon
1:30 to 2 p.m.—Originality Girls
2 to 2:20 p.m.—Health talk, Dr. Harbottle
2:20 to 2:30 p.m.—Doris and Eva, popular songs
2:30 to 3 p.m.—Long Beach Municipal Band
3 to 3:30 p.m.—Organ recital
3:30 to 4 p.m.—Long Beach Municipal Band
4 to 4:15 p.m.—News report
4:15 to 4:30 p.m.—Heini and Ed
4:30 to 5:30 p.m.—Organ recital
5:30 to 6 p.m.—Hollywood Girls
6 to 6:05 p.m.—Lost and Found
6:05 to 7:30 p.m.—Hal's Gang
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 9 p.m.—Hancock Golden Trail Hour
9 to 9:45 p.m.—Imperial Concert Orchestra
9:45 to 10:30 p.m.—Fights from Wilmington Bowl
10:30 to 11 a.m.—Majestic Ballroom
11 to 11:30 p.m.—Silver Spray Orchestra
11:30 to 11:40 p.m.—Sports review
11:40 to 12 midnight—Silver Spray Orchestra
12 to 3 a.m.—"This and That"

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

6 to 6:30 p.m.—Hamilton Beach program
6:30 to 7 p.m.—Popular program
7 to 7:30 p.m.—Kolster Hour, CBS
7:30 to 8 p.m.—Cathrine Sullivan, Mrs. Bernhardt Bronson, John Thomas, Marie Hersey
8 to 8:30 p.m.—Baxter's bridge game
8:30 to 8:45 p.m.—Rena Robinson
8:45 to 9 p.m.—Bluette Twins
9 to 10 p.m.—Happiness Hour
10 to 12 midnight—Dance program

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

5 to 6 p.m.—Popular program
6 to 7:30 p.m.—Lyric Hour
9 to 9:15 p.m.—Studio program
9:15 to 9:30 p.m.—Melvin and Mercival
9:30 to 10 p.m.—Song recital
10 to 10:30 p.m.—Dance program
10:30 to 11:30 p.m.—Jack and Jill program

WEDNESDAY Programs

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

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises
8 to 9 a.m.—Favorite Melodies
9 to 9:30 a.m.—Cal King's Country Store
9:30 to 10 a.m.—Recordings
10 to 10:30 a.m.—Charlie Glen "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.—Seller program
11:30 to 11:45 a.m.—Rita Murray, "Investment"
11:45 to 12 noon—Recordings
12 to 1 p.m.—The Hooligans
1 to 1:30 p.m.—Cal King's Country Store
6 to 7 p.m.—Dinner Hour program
7 to 7:30 p.m.—Studio program
8:30 to 8:45 p.m.—Gertrude Tracy, songs; Truman Bishop Handy, pianist and accompanist
8:45 to 9 p.m.—The Three Kellys
9 to 9:30 p.m.—Read Givens, the Mystery Tenor
9:30 to 11 p.m.—KFWI Midweek Party, conducted by Henry C. Blank
11 to 12 midnight—Dance Hour
12 to 1 a.m.—"Midnight Classics"

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

Oakland Educational Society, Oakland, Cal.

1:30 to 2 p.m.—Edna's Entertainment Hour
2 to 2:30 p.m.—George Otto's Hawaiians
2:30 to 3 p.m.—Don Dale
3 to 3:30 p.m.—Half hour of harmony, Vera Endriss, soprano; Sybil Lind, violinist
3:30 to 4 p.m.—Ted and Mac
4 to 4:30 p.m.—The "Ne'er Do Well"
4:30 to 5 p.m.—KFWM Melody Boy
5 to 6 p.m.—Dr. Forrester's Hour of Sunshine
7:30 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—Dr. Forrester, "Harmony and Health"

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

The Morning Oregonian, Portland, Oregon

7 to 8 a.m.—"Making Merry with Sperry," KPO
8 to 9 a.m.—Shell Happy Time, NBC
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 of the Air," NBC
11:30 to 12 noon—Maytag "So-A-Tone"
12 to 1 p.m.—Hollywood organ
1 to 2 p.m.—Radio Guild, NBC
2 to 2:15 p.m.—National Women's Party, NBC
2:30 to 3 p.m.—Stewart-Warner
3 to 3:15 p.m.—Cabin Door, NBC
3:15 to 4 p.m.—Stewart-Warner
4 to 4:30 p.m.—Service Hour, KGW
4:30 to 5 p.m.—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.—Stromberg-Carlson, NBC
8 to 8:30 p.m.—"Roads to Romance," NBC
8:30 to 9 p.m.—The "4" Davidson Bakers
9 to 9:30 p.m.—Brunswick Hour
9:30 to 10 p.m.—Veedel Vodvil, KOMO
10 to 11 p.m.—Fisher Concert Orchestra, KOMO
11 to 12 midnight—Dance Band

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

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

12:10 p.m.—Market reports
2 p.m.—Triolian Trio
2:15 p.m.—Winnie Fields Moore, Travelogue
2:30 p.m.—"Phenomena"
3:30 p.m.—Sadye Nathan, beauty talk
4 p.m.—Eddie Armstrong
4:30 p.m.—Westinghouse Salute, NBC
5 p.m.—Big Brother Hour
5:45 p.m.—Stock market reports
6 p.m.—Halsey Stuart program, NBC
6:30 p.m.—Palmolive Hour, NBC
7:30 p.m.—Stromberg Carlson Radio, NBC
8 p.m.—Roads to Romance with Jack and Ethyl, NBC
8:30 p.m.—Earle C. Anthony, Inc., program
9 p.m.—Paul Roberts and the Schonberger Trio
9:30 p.m.—Tom Terriss, vagabond movie director
10 p.m.—Cotton Blossom Minstrels, NBC
11 p.m.—KFI news bureau

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

Warner Brothers, Hollywood, California

12:30 to 1:15 p.m.—Radio varieties
1:15 to 1:45 p.m.—Jimmie Kerr's orchestra
1:45 to 2:10 p.m.—Radio varieties
4:15 to 6 p.m.—Radio varieties
6 to 6:30 p.m.—KFWB Dance Orchestra
6:30 to 7 p.m.—Harry Jackson's entertainers
7 to 7:30 p.m.—507 Boys
7:30 to 8 p.m.—Julius K. Johnston, organist
8 to 9 p.m.—Ray Martinez's concert orchestra; George Gramlich, tenor; Emma Kimmel, soprano
9 to 9:30 p.m.—Ann Grey and Buster Dees, popular songs; Don Warner's dance orchestra
9:30 to 10 p.m.—Hollywood Revelers
10 to 11 p.m.—George Olson's orchestra
11 to 12 midnight—Jimmie Kerr's orchestra

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

General Electric Co., Denver, Colorado

4 to 4:15 p.m.—Amos 'n' Andy, NBC
4:15 p.m.—New York stocks
4:25 p.m.—Road reports
4:28 p.m.—Westminster chimes
4:30 to 5 p.m.—Westinghouse Salute, NBC
5 to 5:30 p.m.—Mobiloil Orchestra, NBC
5:30 to 6 p.m.—Extension Service
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.—Stromberg-Carlson, NBC
8 to 8:30 p.m.—Vassar Chocolates Girl
8:45 to 9 p.m.—Billiken Shoemakers
9 to 10 p.m.—Concert orchestra and Madame Blanche Da Costa, soprano
10 to 11 p.m.—Cotton Blossom Minstrels, NBC

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

Radio Service Corp., Salt Lake City, Utah

4 p.m.—Amos 'n' Andy
5:30 p.m.—"The Sunshine Girls"
6 p.m.—Program of musical novelties
6:30 p.m.—Palmolive Hour, NBC
7:30 p.m.—Victor Wagner's orchestra, NBC
8 p.m.—"The Spinning Girls" Trio
8:45 p.m.—"The Romance of Gems"
9 p.m.—"The Sunfreze Ensemble," vocalists and instrumentalists
9:30 p.m.—Program by electrical transcription
10 p.m.—"Cotton Blossom Minstrels," NBC

VOICE IN THE NIGHT GUIDES PILOTS HOME

A VOICE, speaking out of the shadows of the night—the voice of someone invisible—this is the safety beacon of the aviator as he flies along the Pacific Coast air-planes, mile after mile, at a height of 1500 to 5000 feet, carrying a precious cargo of human lives and mail matter.

The mysterious voice is known to every flier on the Pacific Coast. It is the voice of a man they never see—the operator at KCV, the airways division station of the Bureau of Lighthouses, of the Department of Commerce, at Oakland airport. Talking into a microphone, this man every hour and sometimes every quarter of an hour, directs the destiny of scores of aircraft winging through the Pacific skies.

The speaker gives a broadcast of all information and weather to the flying craft. Temperature, wind direction, barometer, storm data, cloud bank locations, the approach and retreat of fog—all this is thrown into the air by this lone operator, speaking into his microphone for an audience of aviators from whom come no applause cards, save the personal thanks of official safety. It is a monotonous job, with no change of program and it is a job that is being done wonderfully well.

The station from which the airways broadcasts are sent is a 1000-watt affair, operating on 321 kilocycles, or approximately 934 meters. In this wave channel all airwork of this nature is done. It is the band near the radio compass band, and that held by the radio beacons, the little automatic warning devices that hour after hour chatter out certain letters from gas-driven radio sets, which warn ships of the proximity of shoals. There is little static in this band and no interference and an aviator can hear the speaking voice of the "weather operator" hundreds of miles from the distant airport.

Pilots, racing through winter storm skies, keep their eyes on their dash-board clocks. The instant that the "WX" or weather broadcast is due, a hand shoots out and a switch snaps. Instantly the pilot's headcaps click into life. A moment later, with unflinching regularity comes the clear enunciation of the invisible radio operator at the distant airport giving the latest observations for the pilot's information. Any time of the day or night that the pilot snaps his switch on his dashboard, as the second hand of his clock passes the hour, he can hear that voice.

The data which the operator broadcasts

RADIO SIGNALS ARE NEW BAROMETER

The bureau of standards at Washington has discovered a new storm barometer—the long waves of radio, which "sink" as does the festive mercury in the weather tube, shortly before a storm.

Researches conducted by the bureau with waves of 16,000 to 25,000 meters and longer, sent out by long-wave European stations, indicates that for several days before a maximum magnetic disturbance, theoretically a storm, there is a marked drop in signal intensity. After the storm has passed the signals not only return to normal, but show a marked increase in intensity for a brief period.

The disturbances are believed due to an upset of terrestrial magnetism. The bureau has not yet been able to determine whether they are of value in predicting the approach of magnetic storms until a long series of observations have been made.

SERVICEGRAM

When a program suddenly begins to "flutter" do not always blame your set. It may be wire trouble at the broadcast station. Turn to another station and if the same trouble is not apparent then you know the fault is not in your set.

reaches him through a network of landline government wires, connecting with the central governmental observation points. At the radio station it is received on a teletype, an automatic typewriter which goes right along with its work without need for an operator to watch it. At the proper time, the radio man tears off the last record of the typewriter's automatic tape, turns on his transmitter and begins to read.

High above his head and miles distant, passengers sleeping comfortably in the berths of the airliners are rendered as safe as Uncle Sam can make them, by the ceaseless monotone of the never-sleeping operator who is the air-pilot's only link with the ground.

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

THURSDAY Programs

NBC

National Broadcasting Company

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

Betty Crocker's closing lesson of the fall series will be heard by today's audience. "Hearty Winter Desserts" is the topic Miss Crocker has chosen and she promises her recipes and hints will be confined to delicious steamed puddings.

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

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

Ann Holden and Sara Treat will speak and Gwynn Jones, tenor, and Harry Stanton, basso, are the singers who will be heard. Miss Holden will speak on "Soup for Winter Days" during the opening California Catsup Feature and "Meet the Gems of Flavor" is her topic for the Rubyette period. Sara Treat's entertaining "Romance of Margery" is her topic for the Rubyette period. Sara Treat's entertaining "Romance of Margery" is the concluding chat, colored by the playing of Don Amaizo.

Bennie Walker will conduct the broadcast. Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.

11 to 11:45 a.m.—Standard School Broadcasts

Musical illustrations for the elementary and advanced lectures, the first beginning at 11 and the second at 11:25 o'clock, will be chosen from the selections to be played by the San Francisco Symphony Orchestra tonight under the leadership of Alfred Hertz during the Standard Symphony Hour. These will be presented by the Arion Trio, together with trumpet and trombone soloists.

Arthur S. Garbett, NBC Educational Director, prepares these music appreciation courses, which are followed by thousands of school children on the Pacific Coast.

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

3 to 4 p.m.—House of Myths

The dramatized myth will be a half hour in length and will be preceded and followed by musical programs presented by Margaret O'Dea, contralto; Lucile Kirtley, soprano, and the Linden Trio.

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

5 to 6 p.m.—Fleischmann Sunshine Hour

Graham McNamee will present Rudy Vallee and his Connecticut Yankees once more to a coast-to-coast audience. Vallee contributes the vocal choruses to the popular melodies his orchestra plays in the supper club surroundings which distinguish this program, released through KGO, KHQ, KOMO, KGW, KPO and KECA.

6 to 6:30 p.m.—Seiberling Singers

Vocalizing George Gershwin's famed "Rhapsody In Blue," the Seiberling Singers will present Frank Black's male quartet arrangement of the composition as a high-light of the program.

Black, musical director of the program, will play the piano solo passages during the Gershwin number.

Two vocal solos will be offered by James Melton, tenor, and a selection by the Singing Violins will complete the program.

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

7 to 7:30 p.m.—Victor Program

Broadcast from the NBC's New York studios, a half hour Victor program will be heard through KGO, KHQ, KOMO, KGW and KFI.

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

Three of the most beloved of Brahms' brilliant "Hungarian Dances," the second, fifth and sixth, will introduce the San Francisco Symphony Orchestra and its conductor, Alfred Hertz, to auditors of another Standard Symphony Hour. Outstanding among the selections to be interpreted by this nationally famous group of musicians will be Liszt's great symphonic poem, "Les Preludes." Based on Lamartine's "Meditations Poetiques," a triumphant climax in the brass choirs, supported by all the resources of the orchestra, closes the work.

Bizet's "Carmen" Suite, in which he has grouped together several of the most interesting and colorful parts of his ever-popular opera, is the final number listed on this program.

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

8:30 to 9 p.m.—The Cosmopolitans

Max Dolin directs the Cosmopolitans, whose program of dance music will be broadcast through KGO, KHQ, KFI, KSL and KOA.

9 to 9:30 p.m.—Memory Lane

Floy Margaret Hughes, a newly discovered juvenile artist, makes her debut in "Memory Lane" with the performance of another Goshen Center comedylogue tonight. She will interpret the role of Josephine Conway, a much-talked-of Goshen Center miss who has not been heard by the radio audience.

Billy Page, the "Memory Lane" star, with others of the familiar cast will be engrossed in preparations for the annual Christmas Bazaar of the Ladies' Aid Society when the curtain is drawn tonight.

Broadcast through KGO and KGW.

9:30 to 10 p.m.—Piano Pictures, KGO.

10 to 10:30 p.m.—Plantation Echoes

In his home somewhere south of the Mason-Dixie Line the Judge will call upon a number of his guests to provide entertainment during the program, the cast for which includes Clarence Hayes, Johnny O'Brien, Sylvano Dale and the Southern Harmony Four, released through KGO.

10:30 to 11 p.m.—NBC Green Room

Eva Garcia, pianist, and Annabelle Jones Rose, contralto, will make their debut on the NBC Green Room presentation tonight.

Broadcast through KGO and KFI.

11 to 12 midnight—Musical Musketeers

Dance tunes by the Musical Musketeers, directed by Walter Beban, will be broadcast tonight through KGO, KHQ, KOMO and KPO.

315.6 Meters
950 Kcys.

KFWB

Channel 95
1000 Watts

Warner Brothers, Hollywood, California

9 to 11:15 a.m.—Radio varieties

11:15 to 12:30 p.m.—KFWB Quintet and soloists

12:30 to 2:10 p.m.—Radio varieties

4:15 to 6 p.m.—Radio varieties

6 to 6:30 p.m.—Dance orchestra

6:30 to 7 p.m.—Harry Jackson's entertainers

7 to 7:30 p.m.—Hollywood Athletic Club

7:30 to 7:45 p.m.—Hollywood String Quintet

7:45 to 8 p.m.—Sports talk

8 to 8:30 p.m.—Jean Cowan's Rhythm Boys

8:30 to 9 p.m.—Program by Bert Butterworth

9 to 10 p.m.—Orchestra; Edward Jardon, tenor;

Ina Mitchell Butler, soprano

10 to 10:30 p.m.—George Olsen's orchestra

10:30 to 11:30 p.m.—Jimmie Kerr's orchestra

THURSDAY Programs

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

Don Lee, Inc., San Francisco, Calif.

7 to 7:30 a.m.—"Simpv Fitts"; N. Y. Exchange
 7:30 to 8 a.m.—"Simpv Fitts"
 8 to 8:30 a.m.—Bill Wright, "The Pathfinder"
 8:30 to 8:45 a.m.—Recordings
 8:45 to 9:30 a.m.—Yoeng's Orchestra
 9:30 to 10:30 a.m.—Woman's Hour, 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—Maytag broadcast
 12 to 1 p.m.—Sherman & Clay noonday concert
 1 to 1:30 p.m.—Musical Albums, CBS
 1:30 to 2 p.m.—Charlie Wellman, DLBS
 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.—Recordings
 4 to 4:50 p.m.—Pac. States Sav. & Loan Co.
 4:50 to 5 p.m.—Recordings and town topics
 5 to 5:30 p.m.—Hank Howe and his music
 5:30 to 6 p.m.—Edna Fischer, pianist
 6 to 6:30 p.m.—Organ recital, Wesley Tourtalotte
 6:30 to 7:30 p.m.—Walter Krausgrill El Patio Orchestra
 7:30 to 8 p.m.—Chrysler Silver Wings, under direction of Mahlon Merrick
 8 to 8:30 p.m.—Stanley's 25 Club
 8:30 to 9 p.m.—Musical Miniatures
 9 to 9:30 p.m.—Veedol Vodvil, DLBS
 9:30 to 10 p.m.—Bremer Tully program
 10 to 10:10 p.m.—"Frank Watanabe"
 10:10 to 11:10 p.m.—Val Valente and his Roof Garden Orchestra; Jean Wakefield, Abe Bloom, Paul Carson, soloists
 11:10 to 12:10 p.m.—Hotel Mark Hopkins orchestra

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

Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.—Physical culture period
 7:30 to 7:40 a.m.—Stock Exchange reports
 7:40 to 8 a.m.—Recordings
 8 to 9 a.m.—"Cheerio," by Baron Keyes
 9 to 9:30 a.m.—Columbia Noon Day Club, CBS
 9:30 to 10 a.m.—Yoeng's Orchestra, CBS
 10 to 10:30 a.m.—A. White, "At Our House"
 10:30 to 11 a.m.—The Times Forum
 11 to 11:30 a.m.—Chas. W. Hamp
 11:30 to 12 noon—Patterns in Print, CBS
 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.—Organ recital, Leigh Harline
 1:30 to 2 p.m.—Charlie Wellman (to KFRC)
 2 to 3 p.m.—Recordings
 3 to 3:15 p.m.—Walter Murray, talk on books
 3:15 to 3:30 p.m.—Auto Club of So. Calif.
 3:30 to 3:45 p.m.—H. M. Robertson, talk on dogs
 3:45 to 4 p.m.—U. S. C. "Trojan"
 4 to 4:50 p.m.—Matinee Melody Masters
 4:50 to 5 p.m.—World-wide news
 5 to 5:30 p.m.—The Story Man
 5:30 to 6 p.m.—Don Lee Dance Band
 6 to 7 p.m.—Organ recital, with singers
 7 to 8 p.m.—Sierra Symphonists
 8 to 9 p.m.—Continuity program
 9 to 10 p.m.—Don Lee Symphony
 10 to 10:05 p.m.—World-wide news
 10:05 to 12 midnight—Biltmore Hotel dance orchestra
 12 to 1 a.m.—Organ recital

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

7 to 8 a.m.—Exercises; 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; 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.—S. F. stocks, closing prices
 3 to 3:30 p.m.—Helen Parmelee, pianist
 3:30 to 4 p.m.—Records
 4 to 4:30 p.m.—The Happy Hayseeds
 4:30 to 5 p.m.—Chas. T. Besserer at Scottish Rite organ
 5 to 5:30 p.m.—Brother Bob
 5:30 to 6 p.m.—Cressy Ferra, pianist
 6 to 7 p.m.—Hotel Oakland concert trio
 7 to 7:30 p.m.—News broadcast
 7:30 to 8 p.m.—Rhinard and Scott
 8 to 8:30 p.m.—Lorelei Trio
 8:30 to 9 p.m.—Edgar Russell, the Melody Man
 9 to 9:30 p.m.—Gospel hymns—M. Goodman, tenor, and Helen Parmelee, pianist
 9:30 to 10:30 p.m.—Machado's KLX Hawaiians

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.—Talk and morning prayer
 9:30 to 10 a.m.—Radio shopping news
 10 to 10:30 a.m.—Town Crier's morning message
 10:30 to 11 a.m.—Household economics
 11 to 11:15 a.m.—"So-A-Tone" broadcast
 11:15 to 12:30 p.m.—Firemen's Orchestra
 1:30 to 2 p.m.—The Bookworm
 2 to 2:30 p.m.—Records and announcements
 3 to 3:30 p.m.—French lessons by Edgard Leon
 3:30 to 4 p.m.—Louise Johnson, astroanalyst
 4 p.m.—Announcements and stock reports
 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.—"Own Your Own Home"
 5:45 to 6 p.m.—Town Crier's amusement tips
 6 to 7 p.m.—Organ program
 7 to 8 p.m.—Courtesy program
 8 to 8:30 p.m.—Rebroadcast of KFVB
 8:30 to 9 p.m.—Feature program
 9 to 9:30 p.m.—Courtesy program
 9:30 to 10 p.m.—KNX feature artists
 10 to 11 p.m.—Hotel Ambassador Coconut Grove Orchestra
 11 to 12 midnight—Program of recordings
 12 to 1 a.m.—Dorado Silver Fizz dance hour

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

4 to 4:15 p.m.—Amos 'n' Andy, NBC
 4:15 to 4:30 p.m.—Federated Hymn Sing, NBC
 4:30 p.m.—Stocks, markets, livestock
 4:55 p.m.—Road reports
 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 Coffee Hour, NBC
 7 to 8 p.m.—Victor program, NBC
 8:15 to 8:30 p.m.—Frumess Jeweled Moments
 8:30 to 9 p.m.—The Cosmopolitans, NBC
 9 to 9:30 p.m.—The Arcadians' mixed quartet

THURSDAY 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
12 to 12:30 p.m.—Noon luncheon concert
12:30 to 1 p.m.—Truman Bishop Handy
1 to 1:30 p.m.—Cal King's Country Store
6 to 7 p.m.—Linner hour program
7 to 7:30 p.m.—Studio program
11 to 12 midnight—Dance orchestra
12 to 1 a.m.—Midnight classics

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

Oakland Educational Society, Oakland, Cal.

8 to 8:30 a.m.—"Top o' the Morning" program
8:30 to 9 a.m.—Health questions answered
11 to 11:30 a.m.—Studio program
11:30 to 12 noon—United Grocers
1:30 to 2 p.m.—Edna's Entertainment Hour
2 to 2:30 p.m.—George Otto's Hawaiians
2:30 to 3 p.m.—Dorothy Wilson, blues singer
3 to 3:30 p.m.—Vera Endriss, soprano; Sybil Lind, violinist
3:30 to 4 p.m.—The Blake Stock Company
4 to 4:30 p.m.—The "Ne'er Do Well"
4:30 to 5 p.m.—KFWM Melody Boy
5 to 6 p.m.—Dr. Forrester's Hour of Sunshine, Health and Happiness
7:30 to 8 p.m.—Doc Herrold
8 to 9 p.m.—The Watch Tower program
9 to 10 p.m.—"Around the Town"
10 to 11 p.m.—Toutjian's Variety Hour

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, NBC
9 to 9:15 a.m.—Oregonian Cooking School
9:15 to 9:45 a.m.—Town Crier
9:45 to 10 a.m.—"Betty Crocker"
10 to 11 a.m.—Magazine of the Air, NBC
11 to 11:45 a.m.—Standard School, NBC
11:45 to 12:15 p.m.—Studio records
12:15 to 12:30 p.m.—Barbara Gould
12:30 to 1:30 p.m.—Hollywood organ
1:30 to 1:45 p.m.—Market news
1:45 to 2 p.m.—Business talk
2 to 3 p.m.—Musical entertainment
3 to 4 p.m.—House of Myths, NBC
4 to 4:30 p.m.—Stewart-Warner
4:30 to 5 p.m.—Service Hour
5 to 6 p.m.—Fleischmann, NBC
6 to 6:30 p.m.—Seiberling Singers, NBC
6:30 to 6:55 p.m.—Studio program
6:55 to 7 p.m.—Optometry talk
7 to 7:30 p.m.—Radio Victor program, NBC
7:30 to 8:30 p.m.—Standard Symphony, NBC
8:30 to 9 p.m.—The Cosmopolitans, NBC
9 to 9:30 p.m.—Memory Lane program, NBC
9:30 to 9:45 p.m.—"Tommy Luke's" Flower Girls
9:45 to 10 p.m.—Sport talk
10 to 11 p.m.—Associated Brass Band, KOMO
11 to 12 midnight—Organ recital

468.5 Meters, **KFI** **Channel 64**
640 Kcys. **5000 Watts**
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7:30 a.m.—Market quotations
8 a.m.—Shell Happy Time from KPO
9:15 a.m.—Bristow & Company, Ltd., Sylvia and Al
9:45 a.m.—Betty Crocker NBC
10 a.m.—Woman's Magazine of the Air, NBC
11 a.m.—Standard School Broadcast, NBC
11:45 a.m.—French lesson by Annette Doherty
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
2 p.m.—Triolian Trio
2:15 p.m.—Winnie Fields Moore, travelogue
2:30 p.m.—"Phenomena"
4:30 p.m.—Big Brother
5 p.m.—Studio program
5:45 p.m.—Stock market reports
6 p.m.—Seiberling Singers, NBC
6:30 p.m.—Virginia Flohri and Purcell Mayer's string quartet
7 p.m.—Victor program, NBC
7:30 p.m.—Standard Symphony, NBC
8:30 p.m.—The Cosmopolitans, NBC
9 p.m.—North American Bldg. & Loan Assn
9:30 p.m.—Packard Concert Orchestra
10:30 p.m.—Green Room, NBC
11 p.m.—KFI news bureau

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

5 p.m.—Dinner concert
6 p.m.—Glen Eaton, tenor; Marjorie Robillard, piano
6:15 p.m.—Collegiate Candy Boys
6:30 p.m.—Concert Ensemble; Agatha Turley, Sidney Dixon, Henri Damski
7:30 p.m.—Pair of Jacks
8 p.m.—Harmony Aces; Eulala Dean, blues; Glen Eaton, tenor
9 p.m.—Hour on Broadway
10 p.m.—Orpheus Quintet
11 p.m.—Cole McElroy Spanish Dance Band

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

Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9 a.m.—Y. M. C. A. Health Exercises
9:15 a.m.—Artistic ensemble
9:45 a.m.—Betty Crocker's Home Talk, NBC
10 a.m.—Woman's Magazine of the Air, NBC
11 a.m.—Standard School Broadcast, NBC
11:45 a.m.—Barbara Gould Auditone
12 noon—Agriculture Farm Talk
12:15 p.m.—What to Prepare for Dinner
12:30 p.m.—Orchestra; VeOna Socolofsky and Hayden Morris
2 p.m.—Orchestra; Agnes Skartvedt, F. Lynch and G. Donald Gray
3 p.m.—House of Myths, NBC
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.—Society Syncopators
7 p.m.—Victor program, NBC
7:30 p.m.—Standard Symphony Hour, NBC
8:30 p.m.—Marmola So-A-Tone broadcast
8:45 p.m.—News flashs
9 p.m.—Crescent Old-time Band
10 p.m.—Associated Oil Hour
11 p.m.—Musical Musketees, NBC
12 midnight—Organ recital

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FRIDAY Programs

NBC

National Broadcasting Company

10 to 10:15 a.m.—Du Barry Radio Program

Beauty and its cultivation will be Doris Hale's theme when she speaks to feminine radio listeners during the weekly 15-minute Du Barry program.

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

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

Bennie Walker, Harold Spaulding and William Powers, the latter heard always in songs of the South, are programmed for today's broadcast. Ann Holden and the M. J. B. Chef are the speakers, with Miss Holden's topics "Cheese Tommies" and "Hot Breads" during the Kraft and Alpine Features. The M. J. B. Chef offers a famous French pear recipe.

With Joseph Hornik in the conductor's stand, a musical program will be presented.

Broadcast through KGO, KGW, KPO and KFI for the full hour and KHQ and KOMO from 10:30 to 11:10 a.m.

1 to 2 p.m.—Pacific Feature Hour

Carrying the romance of old San Francisco to the eastern NBC System audience, the Pacific Feature Hour today offers "To Mission San Francisco," a composition by Lily Strickland.

A. Arriola's suite, "Enchanted Forest," heralds the appearance before the microphone of the full concert orchestra directed by Max Dolin.

Broadcast through KGO and KOMO (1:15 to 2 p.m.).

3:30 to 4 p.m.—What's Happening in the World

John D. Barry has selected "An Engineer in the White House," "Prosperity and the Stock Market" and "New Life for the Drama" as the topics to be discussed this afternoon.

Broadcast through KGO, KOMO, KGW and KECA.

4:45 to 5 p.m.—"The World in Music"

Pierre V. R. Key, editor of Musical Digest, will reflect the high-lights in current musical events in his chat on "The World in Music," which will be broadcast through KGO and KECA.

5 to 6 p.m.—Cities Service Concert Orchestra, directed by Rosario Bourdon, will present this program, assisted by The Cavaliers, a male quartet, and vocal and instrumental soloists.

Broadcast through KGO, KHQ, KOMO and KGW.

6 to 6:30 p.m.—Interwoven Pair

Assisted by an orchestra under Will C. Perry's direction, the Interwoven Pair will indulge in a half hour of musical merriment. Billy Jones and Ernie Hare are the two comedians who are featured on these programs.

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

6:30 to 7 p.m.—Philco's Theatre Memories

Jessica Dragonette, soprano, and Colin O'More, tenor, will have the leading roles in another microphone musical production. Harold Sanford will conduct the orchestra which will accompany the singers during the program, released through KGO, KHQ, KOMO, KGW and KFI.

7 to 7:30 p.m.—Armstrong Quakers present a program of vocal and instrumental melodies of a light type. Singers who will participate in the program are Lois Bennett, soprano;

Mary Hopple, contralto, and a male quartet. Victor Arden will conduct the orchestra.

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

7:30 to 8 p.m.—Armour Program

Artists taking part in this presentation include a 30-piece orchestra led by Joseph Koestner, a chorus of 18 singers and a male vocal trio.

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

9 to 9:30 p.m.—Borden Program

With Joseph Hornik conducting, the Blue and White Band also will play "There Must Be Somebody Waiting for Me," "Tune In on My Heart" and "Can't You Understand?" Selections from "Pink Lady" are among the male quartet's contributions worthy of the spotlight.

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

9:30 to 10 p.m.—Union Service Station Four

Brief comic sketches and popular modern and old-time musical selections will be heard when the Union Service Station Four get together with Uncle Hiram and Barnacle Bill. Frank, Sandy, Sally and Jack are the four principals who will offer varied entertainment.

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

10 to 10:30 p.m.—"In the Parlor"

Bobbe Deane, in the role of Mrs. Updike, will be the hostess at the gathering. Other parts in the cast are played by Ben McLaughlin, Charles Marshall, Harry Stanton, Mary Groom, Gail Taylor and Irving Kennedy. The continuity is by H. C. Connette.

Broadcast through KGO, KHQ and KOA.

10:30 to 11 p.m.—The Nomads

The note of fate plays a dominant part in the "Andante Cantabile" by Tchaikowsky, which the Nomads have chosen for presentation tonight. For direct contrast to the Tchaikowsky composition, the Nomads have selected a light number which brings out the joy of living—Neslin's "Tango Amoroso."

Broadcast through KGO, KHQ and KOA.

11 to 12 midnight—Musical Musketeers

Walter Behau directs the 14-piece band which will interpret a group of especially arranged song and dance favorites.

Broadcast through KHQ, KOMO and KPO.
11 to 12 midnight—Laughter-Harris Hotel St. Francis Dance Orchestra, KPO.

239.9 Meters

1250 Kcys.

KFOX

Channel 125

1000 Watts

Nichols & Warinner, Long Beach, Calif.

12 to 1 p.m.—Hollywood Girls

1 to 1:30 p.m.—Masonic luncheon

1:30 to 2 p.m.—Originality Girls

2 to 2:20 p.m.—Health talk

2:20 to 2:30 p.m.—Doris and Eva, popular songs

2:30 to 3 p.m.—Long Beach Municipal Band

3 to 3:30 p.m.—Organ recital

3:30 to 4 p.m.—Long Beach Municipal Band

4 to 4:15 p.m.—News report

4:15 to 5 p.m.—Crystal Roof Orchestra

5 to 5:30 p.m.—Organ recital

5:30 to 6 p.m.—Hollywood Girls

6 to 6:05 p.m.—Lost and Found Dept.

6:05 to 7:30 p.m.—Studio frolic

7:30 to 8 p.m.—Buster Wilson's orchestra

8 to 9 p.m.—Long Beach Bootery Hour

9 to 10 p.m.—Imperial Concert Orchestra

10 to 11 p.m.—Majestic Ballroom Orchestra

11 to 11:30 p.m.—Majestic Ballroom Orchestra

11:30 to 11:40 p.m.—Sports review

11:40 to 12 midnight—Silver Spray Ballroom Orchestra

12 to 3 a.m.—"This and That"

FRIDAY Programs

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

Don Lee, Inc., San Francisco, Calif.

- 7 to 7:30 a.m.—"Simp' Fitts"; N. Y. Exchange
- 7:30 to 8 a.m.—Bill Wright, "The Pathfinder"
- 8 to 8:15 a.m.—Recordings
- 8:15 to 8:45 a.m.—Columbia Salon Orchestra, CBS
- 8:45 to 9:30 a.m.—Recorded program
- 9:30 to 10:30 a.m.—Woman's program, DLBS
- 10:30 to 11 a.m.—Wyn's daily chats
- 11 to 11:30 a.m.—Mary Haines, domestic talk
- 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 3:30 p.m.—Musical record program
- 3:30 to 3:35 p.m.—Something About Everything
- 3:35 to 4 p.m.—News bulletins and lost and found
- 4 to 4:50 p.m.—Surprise Package, DLBS
- 4:50 to 5 p.m.—Recordings and town topics
- 5 to 5:30 p.m.—Story Man's Air Castle, DLBS
- 5:30 to 6 p.m.—Hank Howe's music, DLBS
- 6 to 6:15 p.m.—Al Santora, sports
- 6:15 to 6:30 p.m.—Nunn Busch Shoe Company program
- 6:30 to 7 p.m.—Charles W. Hamp for S. & W.
- 7 to 7:30 p.m.—Modern Melodists
- 7:30 to 8 p.m.—Anna Kristina and Johnson Washer program
- 8 to 8:30 p.m.—Buster Brown and Tig. the dog
- 8:30 to 9 p.m.—"Brunswick Brevities"
- 9 to 10 p.m.—True Story Hour, CBS
- 10 to 11 p.m.—Hotel Mark Hopkins orchestra
- 11 to 12 midnight—Val Valente and his Roof Garden Orchestra; Gypsy and Marta, soloists

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

Don Lee, Inc., Los Angeles, California

- 7 to 7:30 a.m.—Physical culture period
- 7:30 to 7:40 a.m.—Stock Exchange reports
- 7:40 to 8 a.m.—Recordings
- 8 to 9 a.m.—"Cheerio," by Baron Keyes
- 9 to 9:15 a.m.—Marjorie Fisher, pianist
- 9:15 to 10 a.m.—Recordings
- 10 to 10:30 a.m.—A. White, "At Our House"
- 10:30 to 11 a.m.—The Times Forum
- 11 to 12 noon—Patterns in Print, CBS
- 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.—Organ recital, Leigh Harline
- 1:30 to 2 p.m.—Charlie Wellman
- 2 to 3 p.m.—Recordings
- 3 to 3:15 p.m.—Shakespearean readings
- 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.—E. Allman's "Surprise Package"
- 4:50 to 5 p.m.—World-wide news
- 5 to 5:30 p.m.—The Story Man
- 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. W. Hamp
- 7 to 8 p.m.—Don Lee Symphony
- 8 to 8:30 p.m.—Brown Shoe Co., CBS
- 8:30 to 9 p.m.—Don Lee Symphony
- 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 Or.
- 12 to 1 a.m.—Organ recital

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.—Recordings
- 8:30 to 9 a.m.—Dr. Forster
- 9 to 9:30 a.m.—Morning Prayer Hour
- 9:30 to 10:30 a.m.—Recordings
- 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 the Chimes
- 1:30 to 2 p.m.—Fanchon's Style Chat
- 2 to 2:30 p.m.—Recordings
- 2:30 to 3 p.m.—"Restful Hour"
- 3 to 3:30 p.m.—Alice Blue, organist
- 3:30 to 4 p.m.—Recordings
- 4 to 5 p.m.—Home Towners
- 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.—Recordings
- 7:30 to 8 p.m.—Al Sather
- 8 to 8:30 p.m.—Studio program
- 8:30 to 9 p.m.—Mystery play
- 9 to 10 p.m.—Melody Masters with Mae Thompson, soprano
- 10 to 11 p.m.—Pickwickians dance orchestra
- 11 to 12 midnight—Nite Owls with Scharlin, Klotz, Wolfe
- 12 to 1 a.m.—Slumber Chasers

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

Northwest Radio Service Co., Seattle, Wash.

- 5:30 p.m.—Raymond D. Holmes, lecture
- 6 p.m.—Radio Nature Club
- 6:15 p.m.—Stonewall Jackson, guitar
- 6:30 p.m.—Hometowners' orchestra
- 7:30 p.m.—Glen Eaton and Marjorie Robillard
- 8 p.m.—Damski's Neapolitans
- 9 p.m.—Los Gauchos Argentines
- 10 p.m.—Concert Ensemble
- 11 p.m.—Cole McElroy's Spanish Dance Band

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

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

- 6:45 to 8 a.m.—"Pep and Vigor" exercises
- 8 to 8:15 a.m.—Record program
- 8:15 to 8:30 a.m.—Talk and morning prayer
- 8:30 to 8:55 a.m.—"A Menu for Sunday Dinner"
- 9:15 to 9:30 a.m.—Glidden Paint program
- 9:30 to 10 a.m.—Radio shopping news
- 10 to 10:30 a.m.—Town Crier's morning message
- 10:30 to 10:45 a.m.—Madame Marie beauty talk
- 11 to 11:15 a.m.—"So-A-Tone" broadcast
- 12:30 to 12:45 p.m.—Bell Laboratories
- 1:30 to 2 p.m.—The Bookworm
- 2 to 2:30 p.m.—Records and announcements
- 3:30 to 4 p.m.—Federation of Women's Clubs
- 4 p.m.—Announcements and stock reports
- 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.—"Own Your Own Home"
- 5:45 to 6 p.m.—Town Crier's amusement tips
- 6 to 7 p.m.—Organ program
- 7 to 7:30 p.m.—Courtesy program
- 7:30 to 8 p.m.—A program typical of some state in the Union
- 8 to 9 p.m.—Royal Order of Optimistic Do-Nuts
- 9:45 p.m.—Broadcasting the main event from the Hollywood Legion Stadium
- 10 to 11 p.m.—Hotel Ambassador Coconut Grove Orchestra
- 11 to 12 midnight—Program of recordings
- 12 to 1 a.m.—Dorado Silver Fizz dance hour

FRIDAY Programs

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.—Dobbs's Daily Chat
10 to 10:15 a.m.—Du Barry program, NBC
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:45 to 12:05 p.m.—Time; Scripture; Weather; announcements
12:05 to 12:45 p.m.—Saul Sieff and Wilbur Stump, piano duo
12:45 to 1:30 p.m.—Commonwealth Club luncheon
1:30 to 2 p.m.—Jerry Jermaine
2 to 3 p.m.—Aeolian Trio; stock quotations
4 to 5 p.m.—Theodore Strong, organist
5 to 5:50 p.m.—Children's Hour
5:50 to 6 p.m.—News digest, "Scotty" Mortland
6 to 7 p.m.—KPO Salon Orchestra
7 to 8 p.m.—North American popular concert
8 to 9 p.m.—Midweek Variety Hour
9 to 9:30 p.m.—"Borden Milk program," NBC
9:30 to 10 p.m.—Union Service Station Four
10 to 11 p.m.—Jesse Stafford's Palace Hotel dance orchestra
11 to 12 midnight—Musical Musketeers, NBC

204 Meters **KGa** **Channel 147**
1470 Kcys. **5000 Watts**

Northwest Radio Serv. Co., Spokane, Wash.
4:30 p.m.—Uncle Andy
5 p.m.—World Bookman and music
6 p.m.—Melody Aces; Carrie Andrews
6:30 p.m.—Hometowners' Orchestra
7 p.m.—Artists' Ensemble
8 p.m.—Damski's Neapolitans
9 p.m.—Los Gauchos Argentines
10 p.m.—Request program

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

The Morning Oregonian, Portland, Oregon
7 to 8 a.m.—"Making Merry with Sperry," KPO
8 to 9 a.m.—Shell Happy Time, NBC
9:10 to 9:30 a.m.—Oregonian Cooking School
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 of the Air," NBC
11:30 to 12 noon—Ghirardelli
12 to 12:45 p.m.—Organ recital
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 3:30 p.m.—Studio records
3:30 to 4 p.m.—What's Happening in the World, NBC
4 to 4:30 p.m.—Stewart-Warner
4:30 to 5 p.m.—Service Hour
5 to 6 p.m.—Cities Service program, NBC
6 to 6:30 p.m.—Interwoven Pair program, NBC
6:30 to 7 p.m.—Philco's Theatre Memories, NBC
7 to 7:30 p.m.—Armstrong Quakers
7:30 to 8 p.m.—Armour program, NBC
8 to 9 p.m.—"RCA Hour," NBC
9 to 9:30 p.m.—Borden's Dairy
9:30 to 10 p.m.—Union Oil program, NBC
10 to 10:30 p.m.—Charles F. Berg
10:30 to 12 midnight—Hoot Owls

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

8 to 9 a.m.—Revelle
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.—Woman's 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
3:15 to 3:30 p.m.—National Park Service Talks
3:30 to 4 p.m.—What's Happening in the World, John D. Barry
4 to 4:30 p.m.—Hotel St. Francis Orchestra
4:30 to 4:45 p.m.—News service
4:45 to 5 p.m.—"The World in Music"
5 to 6 p.m.—Cities Service concert
6 to 6:30 p.m.—Interwoven Pair
6:30 to 7 p.m.—Philco's Theater Memories
7 to 7:30 p.m.—Armstrong Quakers
7:30 to 8 p.m.—Armour Hour
8 to 9 p.m.—Footlights
9 to 9:30 p.m.—Borden program
9:30 to 10 p.m.—Union Oil Service Station Four
10 to 10:30 p.m.—In the Parlor
10:30 to 11 p.m.—The Nomads
11 to 12 midnight—Laughner-Harris Hotel St. Francis dance orchestra, San Francisco

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

6 to 6:30 p.m.—Hamilton Beach
6:30 to 7 p.m.—KOL Players
7 to 8 p.m.—Harold Chase and Investment program
8 to 8:30 p.m.—Brown Shoe Company, CBS
8:30 to 10:30 p.m.—Ice hockey
10:30 to 11:30 p.m.—Everstate Dance Band

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

5 to 6 p.m.—Children's Hour
6 to 6:30 p.m.—Lyric Hour
6:30 to 7:30 p.m.—Dinner concert
7:30 to 8 p.m.—Studio program
9 to 9:15 p.m.—Novelty program
9:15 to 9:30 p.m.—Melvin and Merciful
9:30 to 10 p.m.—Musical program
10 to 10:30 p.m.—Dance program
10:30 to 11:30 p.m.—Jack and Jill; dance band

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

9 to 10 a.m.—Harmony Four
10 to 10:30 a.m.—Prudence Penny
10:30 to 11:45 a.m.—Radio varieties
11:45 to 12:30 p.m.—KFWB Quintet and soloists
12:30 to 1:15 p.m.—Radio varieties
1:15 to 1:45 p.m.—Jimmie Kerr's orchestra
1:45 to 2:10 p.m.—Radio varieties
4:15 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 Boys dance orchestra
7:30 to 8 p.m.—Hollywood String Quintet
8 to 8:30 p.m.—Travelogue
8:30 to 9 p.m.—Xavier Cugat, concert violinist; Samuel Pedroza, tenor
9 to 9:30 p.m.—Don Warner's dance orchestra
9:30 to 10 p.m.—Concert orchestra and soloists
10 to 11 p.m.—George Olsen's music
11 to 12 midnight—Jimmie Kerr's orchestra
12 to 12:40 a.m.—Julius K. Johnston, organist

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 & 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.—Seller program
 11:30 to 12 noon—Organ recordings
 12 to 1 p.m.—The Hooligans
 1 to 1:30 p.m.—Cal King's Country Store
 6 to 7 p.m.—Dinner Hour program
 7 to 7:30 p.m.—Studio program
 8:30 to 8:45 p.m.—Gertrude Tracy, songs; Truman Bishop Handy, pianist and accompanist
 8:45 to 9 p.m.—The Three Kellys
 9 to 9:30 p.m.—Shoe Mart Prize program
 9:30 to 10 p.m.—Jose Rameriz, Spanish tenor
 10 to 11 p.m.—Novelty program
 11 to 12 midnight—Dance hour
 12 to 1 a.m.—Midnight classics

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **500 Watts**
Oakland Educational Society, Oakland, Cal.
 1:30 to 2 p.m.—Richmond Quality Market
 2:30 to 3 p.m.—Don Dale
 3 to 3:30 p.m.—Vera Endriss soprano; Sybil Lind, violinist
 3:30 to 4 p.m.—Ted and Mac
 4 to 4:30 p.m.—The "Ne'er Do Well"
 4:30 to 5 p.m.—KFWM Melody Boy
 5 to 6 p.m.—Dr. Forrester's Hour of Sunshine
 7:30 to 8 p.m.—Doc Herrold
 8 to 8:30 p.m.—William Nat Friend, "Romance of Oakland"

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 8 a.m.—Making Merry with Sperry
 8 to 9 a.m.—Shell Happy Time
 9 to 9:30 a.m.—Musical Bazaar
 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.—Sunshine program
 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.—Musical program
 12:30 to 1 p.m.—Gold Seal program
 1 to 1:30 p.m.—Crosley Musical Review
 1:30 to 1:45 p.m.—Miss Modern shops a la mode
 1:45 to 2 p.m.—Fur Facts
 2 to 3 p.m.—Gems from Sartori
 3 to 3:30 p.m.—Theatrical review
 3:30 to 4 p.m.—Paint o' Mine period
 4 to 5 p.m.—Concert orchestra
 5 to 6 p.m.—Cities Service Hour, NBC
 6 to 6:30 p.m.—Interwoven Pair, NBC
 6:30 to 7 p.m.—Philco Theater Memories, NBC
 7 to 7:30 p.m.—Armstrong Quakers, NBC
 7:30 to 8 p.m.—Armour program, NBC
 8 to 9 p.m.—Studio program
 9 to 9:30 p.m.—Borden Milk, NBC
 9:30 to 10 p.m.—Union Service Station Four, NBC
 10 to 10:30 p.m.—Dutch Dough Boys
 10:30 to 11 p.m.—The Nomads, NBC
 11 to 12 midnight—Musical Musketeers, NBC
 12 to 1 a.m.—Just Another Hour

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**
Copyright, 1929, 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 Helpful Hints to Housewives
 10 a.m.—Du Barry radio talks, NBC
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 a.m.—"Mental Exercises," Francis Hancock
 12 noon—Dept. of Agriculture talks
 12:25 p.m.—Franklin L. Graves, talk
 2:15 p.m.—Winnie Fields Moore, Travelogue
 2:30 p.m.—"Phenomena"
 4 p.m.—E. H. Rust, nurseryman
 4:30 p.m.—Big Brother
 5 p.m.—Program by Wedgewood Nowell
 5:30 p.m.—Edwin August, dramatic critic
 5:45 p.m.—Stock market reports
 6 p.m.—Interwoven Pair, NBC
 6:30 p.m.—"Philco Theater Memories," NBC
 7 p.m.—Armstrong Quakers, NBC
 7:30 p.m.—The Armour Hour, NBC
 8 to 9 p.m.—Program to be announced
 9 p.m.—Borden Milk program, NBC
 9:30 p.m.—"Union Service Station Four," NBC
 10 p.m.—Concert orchestra
 11 p.m.—KFI news bureau

325.9 Meters **KOMO** **Channel 92**
920 Kcys. **1000 Watts**
Fisher's Blend Station, Seattle, Washington
 12:30 p.m.—Orchestra; Greenwood Mitchell and VeOna Socolofsky
 1 p.m.—Pacific Feature Hour, NBC
 2 p.m.—Orchestra; Agnes Skartvedt and Hayden Morris, basso
 3:30 p.m.—What's Happening in the World
 4 p.m.—Mining stock quotations
 4:15 p.m.—Kiddies' program from Storyland
 4:45 p.m.—Stock, bond and grain quotations
 5 p.m.—Cities Service concert, NBC
 6 p.m.—Interwoven Pair, NBC
 6:30 p.m.—Philco's Theater Memories, NBC
 7 p.m.—Armstrong Quakers, NBC
 7:30 p.m.—The Armour Hour, NBC
 8 p.m.—R. C. A. Univ. of the Air, NBC
 9 p.m.—Borden Milk program, NBC
 9:30 p.m.—Union Service Station Four, NBC
 10 p.m.—Brunswick Brevities
 10:30 p.m.—Screen Secrets program
 10:45 p.m.—News flashes
 11 p.m.—Musical Musketeers, NBC
 12 midnight—Organ recital

361.2 Meters **KOA** **Channel 83**
830 Kcys. **12,500 Watts**
General Electric Co., Denver, Colorado
 4 to 4:15 p.m.—Amos 'n' Andy, NBC
 4:15 p.m.—Lessons in French
 4:30 p.m.—Stocks, markets, livestock
 4:55 p.m.—Road reports
 4:58 p.m.—Sessions Westminster chimes
 5 to 6 p.m.—Cities Service Orchestra and Cavaliers, NBC
 6 to 6:30 p.m.—Interwoven Pair, NBC
 6:30 to 7 p.m.—Philco Theater Memories, NBC
 7 to 7:30 p.m.—Armstrong Quakers, NBC
 7:30 to 8 p.m.—Armour & Co., NBC
 8 to 8:30 p.m.—Kuner-Empson Co.
 8:30 to 8:45 p.m.—Sally Mason in "New Songs"
 8:45 to 9 p.m.—Sally Mason in "New Songs"
 9 to 9:30 p.m.—Borden's Milk Co., NBC
 9:30 to 10 p.m.—The Stagecoachers
 10 to 10:30 p.m.—In the Parlor, NBC
 10:30 to 11 p.m.—The Nomads, NBC

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 1460 Dallas.....	9-10	9-10	9-10	8-9	8-9	8-9	7-10
KSTP 1040 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
KTSH 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
WEEI 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

Subscribe to BROADCAST WEEKLY Now! Only \$3 a Year.

SATURDAY Programs

NBC

National Broadcasting Company

10 to 10:45 a.m.—National Farm and Home Hour
From the Washington and Chicago studios of the NBC a National Farm and Home Hour program will be broadcast through KGO, KIHQ, KOMO, KGW and KFI.

5 to 5:30 p.m.—“New Business World” by Merle Thorpe

Broadcast through KGO, KGW, KOMO, KIHQ.

6 to 7 p.m.—General Electric Hour

Both Walter Damrosch and Floyd Gibbons will contribute an important part to this General Electric Hour. Glinka's overture to “A Life for the Tsar” and the “Bacchanale” from “Samson et Delila” by Saint-Saens are the orchestral numbers which Damrosch will be heard directing at the opening and closing of this program.

Further scientific secrets held by Schenectady, the electrical city, will be revealed in an eight-minute talk by Gibbons.

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

7 to 8 p.m.—Lucky Strike Hour

“Tunes that Made Broadway Broadway” will be played by B. A. Wolfe and his Lucky Strike dance orchestra through KGO, KIHQ, KOMO, KGW and KFI.

8 to 8:30 p.m.—Temple of the Air

A duo of pianists, a male quartet and the “Temple of the Air” orchestra will present this recital.

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

8:30 to 9 p.m.—Pacific Serenaders, KGO.

9 to 9:30 p.m.—“Launderland Lyrics”

Asking a musical question, “How Am I to Know?”, Myron Niesley, tenor, will be the first soloist during the “Launderland Lyrics” program. The second soloist will be Barbara Blanchard, soprano. Her one individual number will be the familiar “Alice Blue Gown.”

Duets by Miss Blanchard and Niesley and four selections by an orchestra conducted by Walter Behan complete the program

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

9:30 to 10 p.m.—Staff Concert, KGO.

10:15 to 11 p.m.—Tales Never Told

Coming from the pen of Harry De Lasaux, the vignettes are based on stories suggested by songs. Among the actors and actresses to be heard are Bernice Berwin, Bobbe Deane, Bert Horton, Captain William Royle, Clinton MacCrae and De Lasaux.

“Tales Never Told” are presented with a musical background and interludes by Elmer Crowhurst, organist, and a mixed vocal quartet.

Broadcast through KGO and KOMO (10:30 o 11 p.m.).

11 to 12 midnight—Musical Musketeers

Walter Behan and the Musical Musketeers will offer an hour of dance music. Special arrangements of the latest syncopated melodies will be used by this ensemble of dance musicians.

Broadcast through KGO, KIHQ, KOMO and KPO.

12 to 1 a.m.—Wilt Gunzendorfer's Hotel Whitcomb Dance Band, KGO.

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 Will Hancock

9:30 to 10 a.m.—Dobbie's Daily Chat

11:45 to 12:05 a.m.—Announcements; Scripture;

weather, and time

12:05 to 1 p.m.—Aeolian Trio

1 to 1:30 p.m.—Jerry Jermaine; stocks

1:30 to 2 p.m.—Ann Warner homemaking chats

4:30 to 4:40 p.m.—Stock market quotations

4:40 to 5 p.m.—Theodore Strong, organist

5 to 5:50 p.m.—Children's Hour

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

6 to 7 p.m.—KPO Salon Orchestra

7 to 8 p.m.—North American popular concert

8 to 8:30 p.m.—Temple of the Air, NBC

8:30 to 9 p.m.—Packard program, KPO and KFI

9 to 10 p.m.—Studio Hour

10 to 11 p.m.—Jesse Stafford's Palace Hotel orchestra

11 to 12 midnight—Musical Musketeers, NBC

325.9 Meters

920 Kcys.

KOMO

Channel 92

1000 Watts

Fisher's Blend Station, Seattle, Washington

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

10 a.m.—National Farm and Home Hour, NBC

10:45 a.m.—Orchestra; Perdin Korsmo and Agnes Skartvedt

11:45 a.m.—Mary Blake Recipe Talk

12 noon—Rhena Marshall and Fred Lynch

12:15 p.m.—What to Prepare for Dinner

12:30 p.m.—Mixed vocal quartet recital

1 p.m.—Orchestra; male chorus; VeOna Socolofsky, soprano

4:45 p.m.—Stock, bond and grain quotations

5 p.m.—“New Business World,” NBC

5:30 p.m.—Artistic ensemble; Rhena Marshall, soprano

6 p.m.—General Elec. Co. program, NBC

7 p.m.—Lucky Strike Dance Hour, NBC

8 p.m.—Temple of the Air, NBC

8:30 p.m.—So-A-Tone broadcast

8:45 p.m.—News flashes

9 p.m.—Launderland Lyrics, NBC

9:30 p.m.—The Mozart Hour

10 p.m.—Blumauer Frank Co. program

10:30 p.m.—Tales Never Told, NBC

11 p.m.—Musical Musketeers, NBC

12 midnight—Organ recital

315.6 Meters

950 Kcys.

KFWB

Channel 95

1000 Watts

Warner Brothers, Hollywood, California

9 to 11:45 a.m.—Radio varieties

11:45 to 12:30 p.m.—KFWB Quintet and soloists

12:30 to 1:15 p.m.—Radio varieties

1:15 to 1:45 p.m.—Jimmie Kerr's orchestra

1:45 to 2:15 p.m.—Radio Varieties

2:15 p.m.—Football game

5 to 6 p.m.—Radio Varieties

6 to 6:30 p.m.—KFWB dance orchestra

6:30 to 7 p.m.—Harry Jackson's entertainers

7 to 7:30 p.m.—Hollywood String Quintet

7:30 to 8 p.m.—Harmony Hawaiians

8 to 9 p.m.—Dance band and Vernon Rickard, tenor

9 to 9:30 p.m.—Ray Martinez's concert ensemble

9:30 to 10 p.m.—Jimmie Kerr's orchestra

10 to 10:30 p.m.—George Olsen's music

10:30 to 11 p.m.—Jimmie Kerr's orchestra

SATURDAY Programs

322.4 Meters Channel 93
930 Kcys. KFWM 500 Watts
Oakland Educational Society, Oakland, Cal.
 8 to 8:30 a.m.—Dr. Dysart's children's program
 8:30 to 9 a.m.—Select recordings
 11 to 12 noon—"Around the Town"
 1:30 to 2 p.m.—Edna's Entertainment Hour
 2 to 2:30 p.m.—George Otto's Hawaiians
 2:30 to 3 p.m.—Dorothy Wilson, blues singer
 3 to 3:30 p.m.—Vera Endriss, soprano; Sybil Lind, violinist
 3:30 to 4 p.m.—The Blake Stock Company
 4 to 4:15 p.m.—Tom King, detective stories
 4:15 to 5 p.m.—The "Ne'er Do Well"
 4:30 to 5 p.m.—Studio program
 5 to 6 p.m.—Sunshine, Health and Happiness
 7:30 to 8 p.m.—Doc Herrold
 8 to 9 p.m.—Bible lecture, "World Religions and Their Origin," musical selections
 9 to 11 p.m.—The Music Box Review

322.4 Meters Channel 93
930 Kcys. KFWI 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
 10 to 10:30 a.m.—Charlie Glen, "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.—Luncheon concert
 12:30 to 1 p.m.—Truman Bishop Handy
 1 to 1:30 p.m.—Studio program
 6 to 7 p.m.—Dinner Hour program
 7 to 7:30 p.m.—Studio program
 11 to 12 midnight—Dance music
 12 to 1 a.m.—Midnight classics

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 7:30 a.m.—Peppy Morning Varieties
 7:30 to 8 a.m.—Headlines
 8 to 9 a.m.—Shell Happy Time, KPO
 9 to 10 a.m.—Musical Bazaar
 10 to 10:45 a.m.—Nat'l Farm and Home Hour, NBC
 10:45 to 11 a.m.—Sunshine program
 11 to 11:30 a.m.—Matched Unit Trio
 11:30 to 12 noon—Farmers' Service Hour, news
 12 to 12:15 p.m.—Nat'l Sav. luncheon program
 12:15 to 12:30 p.m.—Studio program
 12:30 to 1 p.m.—Gold Seal program
 1 to 1:30 p.m.—Crosley Musical Review
 1:30 to 1:45 p.m.—Miss Modern shops a la mode
 1:45 to 2 p.m.—Fur Facts
 2 to 3 p.m.—Washington Home Service
 3 to 3:30 p.m.—Theatrical Review
 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.—Concert orchestra
 6 to 7 p.m.—General Electric, NBC
 7 to 8 p.m.—Lucky Strike Hour, NBC
 8 to 8:30 p.m.—Temple of the Air, NBC
 8:30 to 9 p.m.—Matched Unit Trio
 9 to 9:30 p.m.—Lauderland Lyrics, NBC
 9:30 to 10 p.m.—Dutch Dough Boys
 10 to 10:30 p.m.—Retail Druggists
 10:30 to 11 p.m.—Studio program
 11 to 12 midnight—Musical Musketeers, NBC
 12 to 12:30 a.m.—Desert Happy Caravan
 12:30 to 1:30 a.m.—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
 10 to 10:45 a.m.—National Farm and Home Hour
 10:45 to 11:30 a.m.—Morning Melodies
 11:30 to 12 noon—Philharmonic organ
 12 to 1 p.m.—Novelty Five
 5 to 5:30 p.m.—"The New Business World"
 5:30 to 6 p.m.—Sunset Syncopaters
 6 to 7 p.m.—General Electric Hour
 7 to 8 p.m.—Lucky Strike Hour
 8 to 8:30 p.m.—Temple of the Air
 8:30 to 9 p.m.—Pacific Serenaders
 9 to 9:30 p.m.—Lauderland Lyrics
 9:30 to 10 p.m.—Staff concert
 10 to 10:15 p.m.—Sports talk
 10:15 to 11 p.m.—Tales Never Told
 11 to 12 midnight—Musical Musketeers
 12 to 1 a.m.—Wilt Gunzendorfer's Hotel Whitcomb Dance Band

239.9 Meters Channel 125
1250 Kcys. KFOX 1000 Watts
Nichols & Warinner, Long Beach, Calif.
 12 to 1 p.m.—Hollywood Girls
 1 to 1:10 p.m.—Harbor Medical Society
 1:10 to 1:30 p.m.—Doris, Eva and Cecil
 1:30 to 2 p.m.—Doris and Clarence
 2 to 2:20 p.m.—Health talk
 2:20 to 2:30 p.m.—Doris and Marie Kapp, popular songs
 2:30 to 3 p.m.—Long Beach Municipal Band
 3 to 3:30 p.m.—Organ recital
 3:30 to 4 p.m.—Long Beach Municipal Band
 4 to 4:15 p.m.—News report
 4:15 to 4:30 p.m.—Cecil Fry, pianologues
 4:30 to 5:30 p.m.—Organ recital
 5:30 to 6 p.m.—Hollywood Girls
 6 to 6:05 p.m.—Lost and Found Dept.
 6:05 to 7:30 p.m.—Hal's Gang
 7:30 to 8 p.m.—Buster Wilson's orchestra
 8 to 8:15 p.m.—Football talks
 8:15 to 8:30 p.m.—C. Chittick, harmonica solos
 8:30 to 9 p.m.—Doris and Clarence
 9 to 10 p.m.—Imperial Concert Orchestra
 10 to 10:30 p.m.—Rev. Ethel Duncan
 10:30 to 11 p.m.—Majestic Ballroom Orchestra
 11 to 11:30 p.m.—Silver Spray Orchestra
 11:30 to 11:40 p.m.—Sports review
 11:40 to 12 midnight—Silver Spray Ballroom Orchestra
 12 to 3 a.m.—"This and That"

499.7 Meters Channel 60
600 Kcys. KFSD 1000 Watts
Airfan Radio Corp. San Diego, Calif.
 8:30 to 8:45 a.m.—Mr. Martinez, Spanish lesson
 8:45 to 9 a.m.—Good Cheer program
 9 to 10 a.m.—Morning musicale
 10 to 11:15 a.m.—Amy Lou
 11:15 to 11:30 a.m.—Prof. W. T. Harbottle
 11:30 to 12 noon—C. Sharpe Minor, organist
 12 to 1 p.m.—Lloyd Peck's Service Hour
 2:30 to 3:30 p.m.—Organ concert
 3:30 to 4 p.m.—Wixie Wix in "The Cream of Literature"
 4 to 5 p.m.—Concert
 5 to 6 p.m.—Nightly musical review
 6 to 6:10 p.m.—Stock reports
 6:10 to 6:25 p.m.—News items
 6:25 to 7 p.m.—Hawaiian Trio with Leah McMahon
 7 to 8 p.m.—Program from new Fox Theatre
 8 to 9 p.m.—Concert trio and John Ganton
 9 to 10 p.m.—Studio program
 10 to 11 p.m.—Nashold's Downtown Ballroom
 11 to 12 midnight—Hotel Del Coronado Orch.

SATURDAY Programs

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

Pacific Broadcasting Corp., San Francisco

- 9 to 9:30 a.m.—Request recorded program
- 9:30 to 10 a.m.—Fox and Warfield theatres
- 10 to 11 a.m.—Recorded program
- 11 to 12 noon—California Sunshine Hour
- 12 to 1:30 p.m.—Popular recordings
- 1:30 to 2:30 p.m.—Classical recordings
- 2:30 to 4:30 p.m.—Football from Kezar—Southern Methodists vs. St. Mary's
- 4:30 to 5 p.m.—Santa Claus—Air Castle
- 5 to 6 p.m.—Sunset concert
- 6 to 6:30 p.m.—Sidley Company program
- 6:30 to 7 p.m.—Program for Fox and Warfield
- 7 to 7:15 p.m.—George Taylor and Clem Kennedy
- 7:15 to 7:30 p.m.—Cecil and Sally
- 7:30 to 8 p.m.—Earl Le Claire Play Boys
- 8 to 8:30 p.m.—Pacific Artists' Trio; Dorothy Lewis, contralto
- 8:30 to 9 p.m.—Constance Piper, George Nickson, the Girl Friend, and Mary Atkinson
- 9 to 10 p.m.—Pacific Artists' Trio, with Dorothy Lewis, contralto
- 10 to 11 p.m.—Dance recordings
- 11 to 12 midnight—Byington Electric program
- 12 to 2 a.m.—All request program

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

First Baptist Church, San Jose Calif.

- 10 to 11 a.m.—Helpful Hour
- 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
- 5 to 5:30 p.m.—Children's program
- 5:30 to 6 p.m.—Musical programs
- 6:30 to 6:55 p.m.—Musical program
- 6:55 to 7 p.m.—Farmers' Exchange
- 7 to 7:30 p.m.—Farm Bureau Radio News
- 7:30 to 8:30 p.m.—Future farmers of America
- 8:30 to 10 p.m.—Blue Diamond Studio program

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

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

- 6:45 to 8 a.m.—"Pep and Vigor" exercises
- 8 to 8:15 a.m.—Record program
- 9:30 to 10 a.m.—Radio shopping news
- 10 to 10:30 a.m.—Town Crier's morning message
- 10:30 to 11 a.m.—Recordings & announcements
- 12 to 12:30 p.m.—Courtesy program
- 12:30 to 1 p.m.—C. P. R.'s musical program
- 1 to 1:30 p.m.—First Radio Church of the Air
- 1:30 to 2 p.m.—The Bookworm
- 2 to 5 p.m.—Football game from the Los Angeles Coliseum
- 5 to 5:15 p.m.—Travelogue
- 5:15 to 5:45 p.m.—"Own Your Own Home"
- 5:45 to 6 p.m.—Town Crier's amusement tips
- 6 to 7 p.m.—Organ program
- 7 to 8 p.m.—Paramount Publix Hour
- 8 p.m.—Announcements of church services
- 8:05 to 9 p.m.—KNX feature artists
- 9 to 10 p.m.—Broadcasting from the Russian American Art Club
- 10 to 11 p.m.—Hotel Ambassador Coconut Grove Orchestra
- 11 to 12 midnight—Program of recordings
- 12 to 1 a.m.—Dorado Silver Fizz dance music

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**
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- 7:30 a.m.—Market quotations
- 8 a.m.—Shell Happy Time from KPO
- 9 a.m.—Sylvia's Happy Hour
- 10 a.m.—National Farm and Home Hour, NBC
- 11:45 a.m.—French lessons by Annette Doherty
- 12 noon—Dept. of Agriculture talks
- 12:15 p.m.—Federal and state market reports
- 2:30 p.m.—"Phenomena"
- 5:30 p.m.—Mart & Lil
- 5:45 p.m.—Stock market reports
- 6 p.m.—General Electric Hour, NBC
- 7 p.m.—Lucky Strike Hour, NBC
- 8 p.m.—Temple Corp., NBC
- 8:30 p.m.—Earle C. Anthony, Inc., program
- 9 p.m.—"Lauderland Lyrics," NBC
- 9:30 p.m.—Forest Lawn Memorial Park
- 11 p.m.—KFI midnight frolic

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

- 4:30 p.m.—Uncle Andy
- 5 p.m.—World Bookman
- 6 p.m.—Melody Aces; Carrie Andrew
- 9 p.m.—Musical program
- 9:30 p.m.—Request program
- 10 p.m.—Los Gauchos Argentines

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

- 5:30 to 6 p.m.—Hamilton Beach program
- 6 to 6:30 p.m.—Mr. and Mrs., CBS
- 6:30 to 7 p.m.—Jimmy Lowes, Pinkerton Day, Orrin Shattuck, Ivan Ditmars
- 7 to 8 p.m.—Paramount Publix program, CBS
- 8 to 9 p.m.—Old Timers program; Geo. Lewis Old Time Band, Donald Farrell, Frank Coombs, Donald Schaeffer, Ivan Ditmars
- 9 to 9:30 p.m.—Ken Stuart and Ivan Ditmars
- 9:30 to 10:15 p.m.—Seattle Jamburitzza Orchestra; Slavonic Duo
- 10:15 to 1 a.m.—Everstate Dance Band

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

- 7 to 7:30 a.m.—Physical culture period
- 7:30 to 7:40 a.m.—Stock Exchange reports
- 7:40 to 8:30 a.m.—Recordings
- 8:30 to 9 a.m.—Saturday Syncopators, CBS
- 9 to 9:30 a.m.—Columbia Noon Day Club, CBS
- 9:30 to 9:45 a.m.—Recordings
- 9:45 to 10 a.m.—Klein's harmonica program
- 10 to 10:30 a.m.—"The Radio Smile Girl"
- 10:30 to 11 a.m.—The Times Forum
- 11 to 12 noon—Recordings
- 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.—Organ recital, Leigh Harline
- 1:30 to 2 p.m.—Charlie Wellman
- 2 to 5 p.m.—L. A. Fire Dept. versus opponent to be chosen) football game
- 5 to 5:30 p.m.—Columbia Broadcasting System
- 5:30 to 6 p.m.—Dixie Echoes, CBS
- 6 to 6:30 p.m.—Graybar Electric program, CBS
- 6:30 to 7 p.m.—Organ recital, with singer
- 7 to 8 p.m.—Paramount program, CBS
- 8 to 9 p.m.—Sierra Symphonists
- 9 to 10 p.m.—Merrymakers
- 10 to 10:05 p.m.—World-wide news
- 10:05 to 12 midnight—Earl Burtnett's Dance Or.
- 12 to 1 a.m.—Organ recital

SATURDAY Programs

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

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises
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; weather
10:30 to 11 a.m.—Recordings
11 to 12 noon—Classified adv. hour
12 to 12:55 p.m.—Machado's KLX Hawaiians
12:55 to 1 p.m.—Closing S. F. stocks
1 to 2 p.m.—Jean's Hi-Lights
2 to 3 p.m.—Recordings
3 to 3:30 p.m.—Studio program
3:30 to 4 p.m.—Records
4 to 4:30 p.m.—The Happy Hayseeds
4:30 to 5 p.m.—Chas. T. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News items
7:30 to 8 p.m.—Rhinard and Scott
8 to 9 p.m.—Helen Parmelee, pianist; Helga Brown, soprano; Grace Burroughs, violinist
9 to 10 p.m.—Chuck Dutton's Hotel Oakland dance band

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

Radio Service Corp., Salt Lake City, Utah

5 p.m.—NBC presents dramatization of some interesting episode in the lives of figures prominent in American history
5:30 p.m.—"Laundryland Lyrics," NBC
6 p.m.—General Electric Hour, NBC
7 p.m.—"Lucky Strike" dance orchestra, NBC
8 p.m.—"Amos 'n' Andy," NBC
3:15 p.m.—Instrumental trio and vocalist
3:45 p.m.—Mystic Hour
9:15 p.m.—Jack Stacey's popular dance orch.
10:15 p.m.—Request Hour
11:15 p.m.—Shell Midnite Review

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

General Electric Co., Denver, Colorado

4 to 4:15 p.m.—Amos 'n' Andy, NBC
4:15 to 4:30 p.m.—The New World of Business
4:30 to 5 p.m.—The Skellodians, NBC
5 to 5:30 p.m.—All American Mohawk, NBC
5:30 to 6 p.m.—National Laundry Owners, NBC
6 to 7 p.m.—General Electric Hour, NBC
7 to 8 p.m.—Lucky Strike Hour, NBC
8:15 to 8:45 p.m.—Preview of International Sunday School Lesson
8:45 to 9:45 p.m.—Ralph Bennett and his Seven Aces

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

Western Broadcasting Co., Portland, Ore.

5:30 to 6 p.m.—Children's Hour
6 to 6:30 p.m.—Lyrical Hour
6:30 to 7:30 p.m.—Dinner concert
7:30 to 8 p.m.—Studio program
9 to 9:15 p.m.—Novelty program
9:15 to 9:30 p.m.—Melvin and Mercifull
9:30 to 10 p.m.—Studio program
10 to 10:30 p.m.—Dance program
10:30 to 11:30 p.m.—Jack and Jill; dance band



TOPICS OF THE TRADE



Arthur H. Jackson, of the Gosilco Radio Products Co., Huntington Park, Calif., has just been granted a U. S. patent covering Gosilco Super Aerial Wire. This wire employs a layer of pure silver over a copper core with a protective covering of 24-karat gold. It is now in its fifth year of production and is distributed by the leading western jobbers.

* * *

Charles Meredith, now associated manager of the Hot-N-Kold Corporation, is leaving on December 1, 1929, to assume a position as Western Manager for the Vision-Tone Corporation of New York. Mr. Meredith assumes management of the eleven western states. The Vision-Tone is an instrument with radio and movie pictures synchronized similar to the movie-tone we see on the screen.

* * *

The Oakland public schools under the directorship of Fred Mangelsdorf as radio instructor, is instructing classes on Radio Service. These classes are held at the Oakland Central School of Trade, Twelfth and Jefferson streets, Oakland.

* * *

The San Francisco Radio Retailers' Association, headed by Robert Eastman, held its first meeting under his regime at Kelly's Tavern, on Thursday morning, November 21, 1929. The meeting was for retailers only and was well attended. The subject of Coöperative Institutional Advertising was reported on by H. Zemansky of the White House, who acted on the Advertising Committee. Rob Byington, of the Byington Electric Company, gave a very interesting talk on Service.

* * *

A. H. Meyer, of the Leo J. Meyberg Company, and President of the Pacific Radio Trade Association, has announced the appointment of the 1930 Radio Trade Show Committee. The members of this committee are: H. R. Curtiss, of H. R. Curtiss Company, Chairman; Harrison Holloway of Station KFRC; L. W. Yule of Radio Victor Corporation of America; E. Lloyd Sutton of E. T. Cunningham, Inc., and E. A. Portal of E. A. Portal Company.

The 1930 Radio Trade Show will be held in June and will be for the Trade only and not for the public. There will be no Radio Show held in August as heretofore.

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A Filtered Aerial Containing Gold Plated Wire

List Price, \$2.50

RADIO BROADCAST RECEPTION is improved with the GOLD TEST AERIAL as it is always fully efficient.

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And has a tendency to minimize static as it is a filtered aerial. There is no other aerial like it as it also contains GOLD PLATED wire with a capacity of 54 feet which all leading manufacturers recommend as correct for their sets.

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