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THE JAMES H. BARRY CO. SAN FRANCISCO
THE EDITOR’S PAGE

Radio has found a new use for the pig’s squeal. The celebrated mail of the air lines known as “heterodyne,” converted into music by Professor Leon Theremin of Russia, has been purchased in instrument form by the Radio Corporation of America, and is being developed into whatever it can be developed into. It is played by waving of the hands. The right hand, waved to and fro, changes the pitch. The left hand changes the volume. By making the motions of an extensive orchestra conductor, anyone who can play a melody or hum a tune can make music with it. The harmony is pure and clear, and while somewhat similar to a musical saw, is said to have a much greater resonance.

A general saving in freight charges on radio sets all over the United States will be effected on and after January 1 when a freight rate reduction, secured by the traffic department of the Radio Manufacturers’ Association becomes operative.

The saving will aggregate $1,500,000 annually, it is estimated, and the radio public will directly benefit because it will reduce the delivery charges of radio sets to dealers. The reductions practically secure a 10 per cent rate drop on all consoles shipped in carload lots, with a permissible car loading minimum of 16,000 instead of 20,000 pounds. From 20 to 24 per cent will be saved on chassis models and mixed carloads which include console, combination talking machine and radio sets, talking machine records and blanks.

The reduction of the minimum to 16,000 pounds permits the use of a third class rate instead of a second class rate demanded by the 20,000 pound minimum. The rate reduction in some of the lines will be considerable, it is announced.

If a far eastern program comes booming in on the coast during the wee sma’ hours of the morning it will probably be station W2XAG, which has been granted a special experimental license to broadcast on 200,000 watts, the greatest power yet to be used in this country. The station will test between midnight and dawn and various observations will be made by government experts with a view of determining the exact value of real super-power in national reception. If the plan works out as anticipated, it will mean the death-knell of scores of stations and the substitution of a few high-powered, centralized and well handled successors. This seems advisable.

Another unpleasantness of radio is the bellowing announcer. He seems to be primarily a New York product. We set our radio sets for a nice reception of music. In comes the announcer. His bellowing is twice as loud as the music. He makes such a din, someone has to get up and turn down the set. When he finishes and the music comes in, someone has to get up again and turn the music up. Rather than keep this “up and down” stuff going on all evening many shutoff their sets until that particular program is over. Some dealers have tumbled to this and are selling a little remote control volume device which may be laid on a table anywhere and by which one may mute the radio without getting up. It could all be avoided if the announcer modulated his voice somewhere near the music level.
Majestic
RADIO

MODEL 92
$167.50
Less Tubes

"THE WORLD IN YOUR HOME"
WHY MAJESTIC LEADS!

When you buy a MAJESTIC you get the instrument designed by the world's most famous engineers... made of the most costly materials... built by the most highly paid craftsmen... tested and inspected 992 times before you get it.

As a consequence, MAJESTIC gives you more power, more distance, more volume, more selectivity than any other instrument... and the glorious colorful tone that is not duplicated in any other radio at any price.

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Phone the nearest MAJESTIC dealer for a free home trial.

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TUNE IN MAJESTIC THEATRE OF THE AIR
Over Columbia Broadcasting System—Stations KFRC and KMJ—every Sunday evening, 6 to 7, Pacific Standard Time.
Headliners of stage and screen.

Wholesale Distributors
Frederick H. Thompson Co. Holmes & Crane
1131 Mission Street, San Francisco 291 Fourth Street, Oakland, Calif.
Kimball-Upson Company
607-11 K Street, Sacramento
Radio has gone into the "period furniture" stage—the era when the little noise box is constructed to resemble a Louis Quinzy something or a Ming Yang Katorz something else. The knob, the lighted window and the funnel are still the same. But the legs! And the doors! And the gingerbread fronts! And the cathedral entrance! No one would ever know it was the same old set.

The clamor for "period" stuff started during the Colonial days, when a spinning wheel settled whether the family came over on the upper deck or steerage. If all the spinning wheels credited to the Mayflower really came over on it, the ship must have resembled a furniture van. The truth is, early day furniture makers, knowing that a lot of folks had hurried off without their spinning wheels, began knocking off a few dozen "for the trade," that "absolutely could not be told from the genuine."

This started a general era of household junk. The French sprang Louis chairs, Antoinette tables and Napoleon sofas. The English laid down William the Conqueror stools and fire tongs. The Dutch came forward with Delft potato mashers, and the Russians trumped with Catherine the Great pen-wipers. There was a mad scramble to get at least one of everything in the best homes. When the real stuff gave out, then came the golconda for the furniture boys.

Mrs. Van Snoot would get her aristocratic clutches on a Mike the Simple piano. For a fat price, a dealer would furnish her with a stool to go with the piano—"in the same period." Side by side, no one doubted but that the two came together. Later, to carry out the ensemble, Mrs. Van Snoot would have a front door, a set of back stairs, two newell posts and a sassy-longue built in the same manner. By and by her entire home from attic to basement would be in Mike's "period" to a degree that would have startled Mike out of his grave.

The furniture man was not limited to any one period. Thanks to the public libraries, some of the picture pages are simply worn out from the frantic thumbing of rival antiqueteers. And as soon as women discovered that they could buy "period" furniture which looked like the real thing, they went in over their ears. They got full social rating with need of combing the world for a few chairs.

Antique dealers who used to meet their clients in the park after sundown, began putting lights in their stores and signs on the front. The same women who later went in the back way to the five and ten cent stores now came down and openly walked in and bought Elizabethan rugs, King Arthur harps, and George Washington breadboards. And even if their menfolk preferred the stone and iron age designs, rather than the ornate bric-a-brac of the Titsy-Pootsy era, it was felt that time would change all that. A man simply must get used to the period thing.

For a long time, however, the radio manufacturers fooled 'em. They screwed the sets into the cabinets and the furniture men were afraid to tamper with 'em. After a couple of yanks, the average antique dealer would shake his head and give up. But he never gave up waiting. His patience was rewarded at last. Set makers began to turn out tin machines that could be slipped into any cabinet, and this opened the door.

Fifteen furniture dealers were hurt during the first hour in the rush that followed, according to hospital reports. The tin-can set slipped into a James II desk, with a crest nailed on the front, leaped into the "period" field, and once again the furniture man rubbed his hands and felt that all was well.

Period radio furniture has come to stay. The way of it is simple. Just go to any second-hand store and buy the oldest chiffonier or what-not the man has in the place. Slip your radio set inside. Shut the door—and there you are, as Chick Sales says. What period? Oh, any period you care to name—General Grant, Harrison, Dr. Mary Walker, President Taft, King Lear—any of the boys. They all had their periods...
Mrs. L. N., Santa Maria, Cal.—One is reminded of “The Old Music-Master” in the personality of Frank Moss. He is a dear silver-haired soul with understanding gray eyes whom everybody adores and respects. About 44 years old, weighs approximately 130 pounds and stands 5 feet 6. His musical career has brought him in contact with many interesting situations and lands. Hobbies? Gardening chiefly, and when he is in the proper mood, cooking.

E. Rossi, San Jose, Cal.—Nullo Caravacci was born in Rome. He is 24 years old, has black wavy hair, gray eyes, weighs 135 and is 5 feet 6½ inches tall. Recently married Sophia Obradovich, a California girl of Serbian parents, who usually accompanies him in his singing. Incidentally they are a charming bride and groom.

Margerette G., Redlands, Cal.—Yes, Harold Dana is from your home town. His ancestry is English and Scotch. How does he look? Sunburned, bubbling over with vitality, joyous. His hair is a reddish-brown, he has desert-colored eyes, good features, a mustache to match his hair, weighs 155 and stands about 5 feet 8½. No, he is not married.

A. S. D., Eugene, Ore.—The first dramatic actress to go on the air in California was Pearl King Tanner, according to all records, and the time dates back about seven years.

Mrs. T. N., Merced, Cal.—Hazel Warner is 5 feet 4½ inches tall, weighs 135 pounds, has quiet gray eyes, long chestnut hair and is endowed with a cheerful, tolerance-for-human-frailties’ disposition. It might interest you to know that she is a graduate nurse.

Dr. W. F., Livermore, Cal.—Ernie Smith’s athletic career began at Lowell High with rugby. Later at the University of California he played football and baseball, and as a “Cal” freshman “caught” for Dutch Reuther before the latter joined the Big League. When the war came along Ernie in his junior year left college to become Capt. Ernest Maynard Smith. He has not played football or baseball professionally.

Betty, Oakland, Cal.—Despite the rumors you have been hearing, “Simpy Fitts” is not married. It seems he has a difficult time concentrating on one subject.

Helen M. C., Winton, Cal.—Will R. Hill has been compelled to give up broadcasting temporarily while personal business matters claim his attention. However, he will resume air activities as soon as it is possible.

Grace Sanderson Michie admirers.—Please share this among you for it would require several pages to answer individually. You might try the studio for a glimpse of this intriguing lady but I warn you she is the most elusive person imaginable. Truly she possesses a “magic wand” and quoting one’s brother, “the way she wields it is nobody’s business.” Her name was Grace Sanderson before she married Mr. Michie and her personality is as fascinating as her writing would indicate.

Mrs. T. Moore, Sacramento, Cal.—Robert Hurd, program director of KFI, is a genial bachelor who goes in for drama, good books, piano improvisations by candle-light, singing, of course, and greatest of great assets, cooking. (No crowding and shoving girls, pa-leese.) His eyes and hair are brown, he is 5 feet 8 inches in height and weighs about 170 pounds. Another item; Mr. Hurd appears always to have just stepped into the sunlight out of the tailor shop in a perfect harmony of color and the latest cut.

“Reminiscent,” Kelso, Wash.—Curtis Benton, since leaving your northern station, has been writing dialogue material for M. G. M. and latest reports have him on Station KNX, Hollywood.

Mrs. D. B., San Francisco, Cal.—As Chan would say “it are regrettable” that Mr. B. must lose his wager for the truth is this: . . . Gypsy and Marta are real sisters. Not Irish nor even Spanish or Russian, but native Californians of Polish and German parents.
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RADIO
A General Motor's Product

Important refinements by Day-Fan engineers have been incorporated in this newest receiver.
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I Thought Radio Was a Plaything

But Now My Eyes Are Opened, and I'm Making Over $100 a Week!

$30 a week! Man alive, just one year ago a salary that big would have been the height of my ambition.

Twelve months ago I was skimping along on starvation wages, just barely making both ends meet. It was the same old story—a little job, a salary just as small as the job.

If you'd told me a year ago that in twelve months' time I would be making $100 and more every week in the Radio business—whew! I know I'd have thought you were crazy. But that's the sort of money I'm pulling down right now—and in the future I expect even more. Why only today?

But I'm getting ahead of my story. I was hard up a year ago because I was kidding myself, that's all—not because I had to be. If you've fooled around with Radio but never thought of it as a serious business, maybe you're in just the same boat I was. If so, you'll want to read how my eyes were opened.

When broadcasting first became the rage, I first began my dabbling, just for the fun of it. I was "nuts" like many other fellows. And to me one year ago I laughed at the idea of Radio. I never seemed to get very far with it, though. So, up to a year ago, I was just a dabbler—I thought Radio was a plaything. I never realized what an enormous, fast-growing industry Radio had come to be—employing thousands and thousands of trained men. I usually stayed home in the evenings after work, because I didn't make enough money to go out very much.

And as for the idea that a splendid Radio job might be mine, if I made a little effort to prepare for it—such an idea never entered my mind. When a friend suggested it to me one year ago I laughed at him.

"You're kidding me," I said.

"I'm not," he replied. "Take a look at this ad." He pointed to a page ad in a magazine I'd seen many times but just passed up. This time I read the ad carefully. It told of many big opportunities for trained men to succeed in the great new Radio field. With the advertisement was a coupon. I sent the coupon in, and in a few days received a handsome 64-page book, telling about the opportunities in the Radio field and how a man can prepare quickly and easily at home to take advantage of these opportunities. Well, it was a revelation to me. I read the book carefully, and when I finished it I made my decision.

What's happened in the twelve months since that day seems almost like a dream to me now. For ten of those twelve months, I've had a Radio business of my own! At first, of course, I started it as a little proposition on the side, under the guidance of my friends at the National Radio Institute. They would give me just as much help, if not, you'd better be doing something about it instead of drifting.

This new Radio game is a live-wire field of golden rewards. The work is fascinating, absorbing, well paid. The National Radio Institute—oldest and largest Radio home-study school in the world—will train you inexpensively in your own home to know Radio from A to Z.

Take another tip—No matter what your plans are, no matter how much or how little you know about Radio—clip the coupon below and look at their free book over. It is filled with interesting facts, figures, and photos, and the information it will give you is worth a few minutes of anybody's time. You will place yourself under no obligation—the book is free, and is gladly sent to anyone who wants to know about Radio. Just address J. E. Smith, President, National Radio Institute, Dept. 9Y13, Washington, D. C.

Dear Mr. Smith: Please send me your 64-page free book, giving all information about the opportunities in Radio and how I can learn quickly and easily at home to take advantage of them. I understand this request places me under no obligation, and that no salesman will call on me.

Name...........................................
Address...........................................
Town.............................................
State.............................................
Occupation.....................................

If all the Radio sets I've "fooled" with in my time were piled on top of each other, they'd reach about half-way to Mars. The trouble with me was that I thought I knew so much about Radio that I really didn't know the first thing. I thought radio was a plaything—that was all I could see in it for me.

J. E. Smith, President,
National Radio Institute,
Dept. 9Y13, Washington, D. C.
Fred "Rip" Caldwell and his Strollers furnish the orchestral background for KGB Frolics on Saturday nights. The personnel of five men represent ten instruments and three vocalists.

Mr. Gordon Soule is program director of KTM and has to his and the station's advantage, the years of musical experience and training received when he was Recording Manager for Gennett Records in New York City, as well as his ability as a concert pianist. Mr. Soule studied in Berlin, Germany, with the famous pianist "Scharwenka." Plans are being made to present a truly varied routine of programs, which will include musical drama, a musical comedy, radio plays and many novelties.

"Sing something peppy," suggested KGW's program director to an applicant at an audition. The singer obliged with "Jerusalem."

KTAB's new organist is Gladys Salisbury. Miss Salisbury has been heard over various radio stations and is very prominent in theatre circles. She is replacing Arthur Shaw, KTAB's former organist, who is now staff organist at KTM, the Pickwick station in Los Angeles. An organ recital is featured over KTAB every afternoon and evening.

Bobbe Deane, NBC National Player at San Francisco, made her first microphone appearance at KGO playing in "Victory," a drama written by her husband, Ted Maxwell, now NBC Producing Manager.

The "Fireside Hour," featured on KTM by the Bradley Melodists, is an hour of old-time and ever popular song hits and instrumental selections. "Just a program to listen to before an open fire."

Clarence Hayes, NBC tenor billed as "the Voice of the South," gave his fellow artists a thrill last week when he brought Sally, the newest member of the Hayes family, to view the San Francisco studios. Sally was born in Oakland and made her first excursion across the bay.

What's rarer than a day in June?

Any day, any month, with June Pursell around. For June is the life of the party in studio life and skits produced by the Paramount Pictures-Los Angeles Evening Expression station KNX. Hollywood.

Miss Purcell is too radio what her near neighbor, Clara Bow of "It" fame is to movies. June's red-headed and sings blue. She's plumb full of high purposes, whether talking, singing or dancing, and her work in the Cruise of the Navigator, a fantasy directed by Loyal Underwood of KNX, met with general approval from radio fans.

Fred Brown, staff tenor on KFRC, spent eighteen years in San Leandro before he joined the Marines to put in one and one-half years over seas during the war. Returning to America he first sang over WHK and WTM, Cleveland, Ohio, in 1925. He is now in his fourth year of broadcasting.

James Dickie, phenomenal "boy baritone," registered a radio hit in record time. Within thirty minutes of his initial appearance on the air, a stream of teagrams and telephone messages reached the station. He engineered his own debut by appearing before Sid Levy, president of the Sidley Garter Company, and singing for him. He was immediately "signed on" as a regular feature on the Sidley program at KYA, on Tuesday and Saturday nights. Dickie is to be featured over a number of Western stations shortly.

As the result of a single program lasting ninety minutes—the broadcast of the Oregon Atwater Kent audition—KGW received more than 1200 letters from listeners.

Charles W. Hamp, stellar radio performer on KFRC and the Don Lee Chain, confesses that "cabinet work" is his principal hobby. At his Hollywood home he has a completely equipped shop with electrically operated saws and a vast array of carpenter's tools. When at home he occupies himself with building chairs, tables, radio cabinets and anything else in wood you might mention. Cabinet work is his hobby, though his greatest pleasure is entertaining a radio audience.

Two new local radio personalities now augment The Gloom Chasers, KFWI's popular luncheon feature, that are heard Tuesday and Thursday. These include Lorraine Friend, formerly of CFCN, Vancouver, B. C., and John Chaffet, a recent "find" made by Truman Bishop Handy, pianist and director.
of The Gloom Chasers. Miss Friend, who will be known to listeners-in as "Dimples", has been featured in various stage productions in San Francisco, and has recently returned from an extended vaudeville tour.

William H. Wright, popularly known as Bill Wright, who is a member of the KFRC staff, is not only a singer and comedian, but is a song writer as well. His most successful song was "Jinn," a song about Aladdin's lamp.

Henry C. Blank, KFWI program director and known to fans as "Pal of the Air," is master of ceremonies of the KFWI mid-week party on Wednesday evenings. Among the new artists he is introducing are the Nearing Sisters, the Commandarins dance orchestra, the Three Aces jazz trio, and the Campus Chords, banjo team, while other popular KFWI personalities who frolic before the mike on the studio's "party" include Gertrude Tracy, Truman Bishop Handy, Rose Glass, the "Sunshine Girl," Professor Itchy Scratchy, delineator of the Japanese schoolboy, and Louis Clark, Spanish tenor.

Ross Gibson is another new addition to KTM's staff. Mr. Gibson will direct the dramatic and vocal productions. Mr. Gibson has attained much popularity in the recent past as the baritone lead in the musical comedy "Rose Marie"; was the original "Chocolate Soldier" in the play of that name. Mr. Gibson has also had radio experience, having been in charge of dramatic productions for KGW.

KFRC has just constructed a new room to house the rapidly growing musical library. Jay Brewster is the librarian who looks after the thousands of orchestrations and songs, old and new, and lays out the music for the steady stream of programs.

An automobile accident was indirectly responsible for Paramount Pictures-Los Angeles Evening Express station KNX, Hollywood, securing the services of Richard Wix, as program director.

Wix, a member of the Canadian Academy of Music, was fast building up a reputation as a violinist when the World War broke out. He joined the Royal Flying Corps and served until peacetime. Then came the automobile accident. An arm was so badly injured that Wix couldn't hold his violin up, so he turned to concert work and managed several famous artists. Next he heard the siren voice of radio and finally succumbed to the lure of Hollywood.

KFRC's daily 2 to 3 p.m. program, called the Happy Go Lucky Hour, is developing rapidly in the direction of fun and informality. Visitors to the studio help to make the party a success. Al Pearce, "Mac", Gypsy and Marta, Norman Neilsen, Pedro and others do the entertaining.

The "Two Trumpeteers," Dick McCaffrey and Tom Quirk, of KFRC, who handle the trumpet work in the KFRC Concert Orchestra and are often featured in duets and duet accompaniments, first came together on KFRC after radically different training. Dick is a self-made musician who studied everything out for himself, while Tom is a graduate of the Cleveland Conservatory of Music. This fact doesn't interfere, however, with both their geniality of personalities and musicianship.

Gladys Cross, day-time hostess at the NBC San Francisco studio, is at her desk once more after a seven weeks' trip to New York City.

Byron Mills, KGO announcer, finds time to fill the position of a church soloist every week at Oakland. Mills is a baritone who formerly sang during the KGO luncheon concert.

Charlie Cook, who sings and plays his own guitar accompaniment, has made a decided hit over KGER, the Long Beach goodwill station. He appears in a fifteen-minute program each evening at 6:15 o'clock. His style of singing is different from other popular singers in that he croons the old-fashioned melodies and ballads in a clever and likeable manner.

Two old favorites of radioland appear before the microphone at KYA each Tuesday and Friday night. They are Hazel McDaniels and Jimmy Kessel. "Smiling Jimmy," they call him, and his voice is one with a smile and a sob. Hazel McDaniels, as a pianist, needs no introduction.

In response to many requests for help in radio problems for the average listener-in, KFWI has started a Radio Question Box program, which is released every Tuesday, Thursday, and Saturday, at 6:30 p.m. The response has been very gratifying, and it is hoped that this educational period will be of benefit to any persons having radio trouble. Mr. Johnson of the Offenbach Electric Company conducts this period.
NESTLING in the Virginia hills which line the southern shore of the Potomac River, almost under the towering antenna of the naval radio station at Arlington, Va., a few miles from Washington and on the edge of the Fort Myer Military Reservation, there is a radio station which is little known to the public—the headquarters of the Army's radio system.

Located in an ancient red brick building that is hidden from the main road by a modern residence are the transmitters of Station WAR, the net control station of the Army, operated by remote control from the Munitions Building in Washington, operating twenty-four hours a day on Government business. Reception is obtained from other stations through diminutive antennae atop the Munitions Building itself. Though located three miles apart, the receiving instruments and the transmitting equipment are members of the same station.

COVERS ENTIRE COUNTRY

Operating on frequencies ranging from 4000 to 16,000 kilocycles, this station carries on communication direct with Boston, Atlanta, Fort Leavenworth, Kans.; Chicago, Fort Hayes, Ohio; Fort Sam Houston, Tex.; San Francisco and Honolulu. Through these stations business is relayed to outside stations of their respective radio “nets.”

The traffic handled consists of the Post Office, Department of Agriculture, Civil Service Commission, Department of Labor, War Department and other department radiograms. These make a volume of from 1000 to 1500 messages daily. Messages containing 200 to 300 words are ordinary everyday affairs; those of 500 to 1000 words are not extraordinary, and many that run into thousands of words are handled.

GIVES AID IN EMERGENCIES

When the Mississippi went on a rampage, drowning many, endangering thousands and destroying generally, the personnel of the War Department's radio station felt the full effect of the flood. Traffic increased, it seemed, in direct proportion to the river’s waters. Day and night the operators sat at their keys, sending and receiving, the station operating on the duplex system, two men working at each of the two sets that were in communication, with messages traveling both ways at the same time. Later, when another emergency was caused by the Florida storm, another flood of traffic was piled upon the station.

In the near future a modern transmitter station is to be erected at Fort Myer which will result in the abandonment of the present one. The five transmitting sets now used will be replaced with later and more efficient equipment.

TO HAVE NEW STATION

The new station will not display a battery of towering masts as does her neighboring station, NAA of the Navy. In radio construction, high towers are no longer in vogue. High frequency sets operating on short waves will be installed, which are designed for efficient operation through synchronization of integral parts rather than by application of immense power, making towering antennae unnecessary.

ORGANIZATION

WATCHING LOCAL RADIO LEGISLATION

TO GUARD the interests of radio listeners against improper or restrictive local legislation by boards of trustees, councils and state legislatures, a special committee has been appointed by the Radio Manufacturers' Association to function in twenty-eight states as a part of a national “watch service.” Prominent radio leaders in each state are made members of this committee, being appointed state chairmen. Their job is to watch local legislation and keep the association's central office informed so that appropriate steps may be taken to protect the radio public as well as the radio industry itself against harmful legislation.

Here and there a city council or a state legislature, believing that it is equipped with power to regulate radio, inaugurates unfortunate legislation. It is the task of the association's representatives to acquaint such legislators with the fact that radio is entirely a Federal matter and where such legislation is passed over official objection to take protective steps to have the situation regulated through the necessary channels.

Similarly the American Radio Relay League at Hartford, Conn., comprising 15,000 amateur operators of the country, keeps track of legislation affecting transmission, other than broadcast, and has caused the repeal of much useless and illegal enactment, passed under misapprehension.
A NEW PEAK IN RADIO PERFORMANCE

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Apex Super-Screen-Grid Radio
Apex Multi-Phase Circuit
Apex Full Tone-Color Electrodynamic Speaker. Only $124.50
(less tubes).

Other Apex Radios from $49.50
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SCEPTICS TO ENTHUSIASTS OVERNIGHT

By J. W. Thompson
Sales Manager, H. R. Curtiss Co.

NEVER before in the history of the industry has the public showed such genuine widespread interest in radio as it is manifesting today. Owners of the old type battery sets are burning them up or relegating them to the attic. Dealers and distributors in some lines are having difficulty getting the sets fast enough to supply the demand. People who for years looked disdainfully upon radio as a half-baked experiment or a childish toy are in the very front ranks of those rushing to the stores today.

Yesterday I came upon a friend buying a copy of Broadcast Weekly. Two weeks previously he had been a rabid radio hater. "What do you want of that publication?" I asked. "Oh, I dropped in the other day to hear some of the new sets," he said, "and I was so amazed at the remarkable transformation which has come over radio that I bought one."

What is this new quality that has come into radio, hypnotizing those confirmed hard-boiled sceptics of yore, making them spell-bound enthusiasts almost overnight? Back of it all of course, is tremendous mechanical improvement. But the quality itself, which is all you care about, can be expressed and described in four simple words—"Face-to-face-realism." As you listen to these new sets, you forget distance. You are unaware of anything mechanical. The program becomes really alive with all the warmth and charm of a human presence. The entertainers seem to appear before you in person. You step right into the picture yourself, and feel the mood of the artist almost seeing as you listen. You tingle with the same glowing sensation you experience when you find yourself wildly clapping before the footlights as the beautiful heroine responds to curtain calls, feeling that same nearness, that same face-to-face contact. Difficult to explain, and not all sets, even the new ones, have this magic quality, but some do. That is a fact. And you will recognize it the moment you hear it.

So, when you set out to select one of these modern radio "Aladdin's Lamps," don't worry about mechanical detail. Forget technical terms and descriptions. Just listen. Listen for that subtle and elusive quality which not merely brings you notes and words, but also the personality of the artists as warmly and vividly as their instruments and their voices. Such a set is more than a musical instrument, more than entertainment—it is companionship, always ready, always willing with a mood to match your own.

"PIRATE" RADIO STATION TRAPS RUM RUNNERS

AN UNLICENSED radio station, operating on a short wavelength, contributed largely to the undoing of one of the most extensive liquor-running "rings" which the Government has encountered, it was disclosed following the making of raids along the New Jersey coast which resulted in the arrest of thirty-two men and the seizure of large quantities of liquor.

Operating in the band used largely by amateurs, it is possible the station might longer have escaped detection had it not been for the fact that it "worked" over long periods, sometimes as much as fifteen to eighteen hours at a time. Search of license records failed to show any station with the call which was being used, nor were its messages understandable, being in code.

Radio Division Man Runs Station Down

In an effort to run down the bootleg station, Forest Redfern, formerly an engineer in the Signal Corps and now a radio engineer in the New York office of the radio division of the Department of Commerce, was given the assignment of locating the station and deciphering its code. The first was easily accomplished and although the latter was more difficult, Redfern soon had solved the fairly simple cipher used by the station and was able to turn over translations of its messages to the prohibition service.

During the course of the raids, the radio station was included and it was found that not only was the station unlicensed but the operator also had failed to acquaint the Department of Commerce with his proficiency at the key before going to work. Inasmuch as the law provides penalties running as high as $5000 fine and five years' imprisonment for owners of unlicensed stations and for unlicensed operators, the man found at the key when the raid was made is in about as serious a predicament as those taken with the liquor in their possession.
BALANCED-UNIT HIGHBOY

$159.50 is the price of the Highboy, with Neutrodyne-Plus chassis, genuine Electro-Dynamic speaker, and Acoustic Equalizers, cabinet of matched Oriental and butt walnut with bird’s-eye maple panel. Price, with Screen-Grid chassis, $149.50.

The New

PHILCO

you've heard so much about
is HERE!

Neutrodyne Plus
in the Highboy Model

$159.50

Less Tubes

RARE PURITY OF TONE—richer, clearer, purer tone than ever before known to radio. Reproduction so lifelike it will amaze and delight you.

MARVELOUS SELECTIVITY—Split-hair selectivity. Now sharper than ever in its separation of stations.

VAST DISTANCE RANGE—Philco owners by hundreds write us that they bring in stations in Cuba, Canada, Mexico, Japan, Australia and other foreign countries. Philco’s range sweeps thousands of miles in every direction.

Tune in on Philco Hour Friday evening at 6:30 p.m., Pacific Standard Time—NBC stations KFI, KGO, KPO, KGW, KOMO, KHQ, KSL.

PHILCO

SAN FRANCISCO
PORTLAND

LOS ANGELES
SEATTLE
BROADCASTS of current events by television, when this new branch of the radio art is perfected, may show pictures in color, it is promised by scientists of the Bell Laboratories.

Laboratory experiments in colored pictures have been successful, and it is not anticipated that any great difficulty will be encountered in making the color feature a part of the television set as finally perfected, although it will be necessary to have three channels for transmission instead of one.

The apparatus fundamentally is that used for black and white television pictures, with color-sensitive photo-electric cells added at the transmitting end and new types of tubes at the receiving end.

The photo-electric cells used in monochromatic television are sensitive only in the blue-green end of the color spectrum. A new type of cell, using sodium in place of potassium, has been developed, which has proved responsive to all of the colors of the visible spectrum, including the deep reds. In combination with the scanning apparatus, these cells pick up the picture for transmission.

Three Sets of Cells Used

So far as the eye is concerned, it is explained by the Bell engineers, any color may be represented by the proper combination of red, green and blue. The first problem in the development of color television, therefore, was that of ranging sets of photo-electric cells in such a manner that one set would be responsive to the red values, another to the greens, and a third to the blues. This has been accomplished by the use of color filters made up of sheets of colored gelatin. Three sets of cells, each with its appropriate filters, are employed, and three series of television signals are generated, instead of one as in the case of monochromatic television. Three channels must be used for the transmission of these signals, one for each fundamental color.

At the receiving end, three lamps are used, one for each fundamental color. The red-glowing lamp is filled with neon gas and is essentially similar to those previously used in one-color television. The sources of green and blue lights are argon tubes. In order to combine the light of the three lamps so that they may be viewed through the scanning disc, as if coming from the same point, two semi-transparent mirrors are interposed between them and the disc.

While it is admitted that the Bell process is prohibitive as far as the installation of private home apparatus is concerned, the development makes possible the adaptation of the scheme to theater use in the event television becomes an actual commercial success. The present difficulties of synchronization, so far its biggest drawback in the radio field, may hold up the application of the color process some time. It is an instance of an improvement being ahead of the fundamental process and waiting for it to catch up.

SACRAMENTO GIRL IN NATIONAL TEST

ALL Northern California will watch with interest the outcome of the national radio audition contest to be conducted on the night of Monday, November 18, under direction of the Atwater Kent Foundation, when entrants for the finals in the $25,000 prize award competition from nine western states will step before the microphone.

Northern California will be represented in the contest by Miss Winifred May Fisher of Sacramento, 19-year-old college girl, one of the winners of the district audition contest of October 21. The other successful winner of the district contest who will represent Northern California in the finals with Miss Fisher is L. P. Wilson, Stockton traffic policeman, who sings tenor and trails speeders in the Mother Lode country.

Miss Fisher began her piano work when six years old and has continued through her high school and college days. Her voice showed promise in her junior year and she was given a lead role in "The Mikado." The following year she sang Gertrude in "The Chimes of Normandy," produced by the civic opera group of Sacramento and won wide approval. She is now a leading member of the junior college musical life.

Wilson is twenty-five, was born at Fortuna, Ariz., and grew up in Angels Camp, the country of Bret Hart and Mark Twain. He started to learn watchmaking and engraving but craved something more exciting and took up electrical work. This was still too slow for him and in June 1927 he was made state traffic officer for Calaveras County. He studied music with Luther B. Marchant of Mills College and later with Mrs. Dorothy Olmstead of Stockton, his present instructress.

The Northern California alternates in the contest are Miss Ester Folli, soprano of San Francisco, and William Roy Matchan, baritone of San Luis Obispo.
ANOTHER AMAZING SPARTON DEVELOPMENT

You who have thrilled to "Radio's Richest Voice" in the past... a still more amazing radio experience awaits you. The latest Sparton EQUASONNE instruments introduce... in addition to this richness... a new and marvelous "something" that listeners describe as actual "FACE-TO-FACE-REALISM". You seem to MEET your entertainers; to feel their living presence; almost to SEE them! Don't miss this great advance in reception. We have the new Sparton instruments on display now... and we cordially invite you to call.

Hear the Remarkable New SPARTON EQUASONNE
At Any Authorized SPARTON Dealer.

SPARTON RADIO
"Radio's Richest Voice"

H. R. CURTISS CO.—Distributors
San Francisco, 895 O'Farrell Street         Oakland, 311 Tenth Street
RADIO COMMISSION TO BE CONTINUED

WITH little probability that Senator Couzens of Michigan will be able to complete his investigation of radio matters in time to permit enactment of his bill providing for the establishment of a Federal communications commission before adjournment of the session of Congress next summer, leaders in the Senate and House of Representatives will introduce legislation indefinitely extending the life of the Federal Radio Commission.

This action, it is declared, will eliminate the present uncertainty which prevails as a result of the necessity for annually extending the commission's tenure. Originally created for a term of one year, after which its functions were to become advisory, the life of the commission has been extended yearly. It is now to pass out of existence December 31, and it will again be necessary to make another extension if its work is not to be thrown upon the Department of Commerce until a permanent body is created.

Opposition Anticipated

The proposal to give an indefinite lease of life to the commission is likely to meet with considerable opposition from members of Congress who have consistently opposed the present method of regulating radio, and whose antagonism last session was responsible for limiting the extension then given to the current year.

At the same time, there is some doubt whether Congress will get around to this legislation before the end of the year brings an end to the commission, but it is believed that even if radio control reverts to the Department of Commerce all matters connected therewith can be referred to the commission, which will have assumed its position as an advisory body, so that, in effect, the commission will still be in the saddle.

Plan Law Changes

It is indicated that the legislation to extend the life of the commission will also contemplate changes in the radio law to meet objections which have been raised, which also will tend to delay enactment of the measure.

As soon as the Senate has disposed of a number of important matters which are slated to be taken up as soon as the regular session opens December 2, Senator Couzens, it is stated, will undertake the investigation of the radio situation authorized by the Senate, which is to be made before he presses for enactment of his communications commission measure.

UNCLE SAM TO BROADCAST

OUT of Washington, D. C., has come promise of national broadcasts by Uncle Sam himself.

The plan is to determine just what the radio listening public wants. It is a radio poll of national public preference. The plan is the outgrowth of various hearings before the Federal Radio Commission at which varied and diverse allegations were made by broadcast interests, each claiming that he alone represents public opinion.

Various great broadcast organizations are to be asked to co-operate in the presenting of test programs. These programs will include classical and popular music, educational information and other factors of superlative program material. The "cheap stuff" is to be left out entirely by common consent. At the conclusion of the government offerings, which will probably be put on the air under auspices of the commission itself, listeners are to be asked to voice an opinion.

As on the eve of a great national election, this broadcast assumes great importance. There is a lot of "crabbing" among radio listeners as to what they do or do not like. This will give them a chance to express that opinion where it will do the most good, viz., with the United States government. It is to be hoped that the electoral apathy which keeps people away from the polls will not similarly affect this straw vote, on radio, and enable the wrong class of programs to win recommendation.

You who listen, day after day, to programs, who have money invested in your radio sets, who wish satisfactory program excellence—you have, in these forthcoming national broadcasts, a chance to tell Uncle Sam just what you like. On the total of this vote will depend much of the radio commission's action in allocating time and wave lengths to stations which give the preferred type of program.

Listen—and vote, we beg you!
FOOTBALL CHART

Follow the game over your radio and check each play on this chart. Start at top.

FIRST HALF

SECOND HALF

Kick . . . . . . . Run ———— Fumble × Penalty ————
Forward Pass ———— Intercepted ■ Incomplete ○

SCORE | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter
-------|------------|------------|------------|------------
Team   |            |            |            |            |
       |            |            |            |            |
Team   |            |            |            |            |
'PLEASANT dreams!'

The phrase gave us great cheer not so long ago when a broadcast came to us one morning from Holland through the stations associated with the National Broadcasting Company.

At 10 o’clock a.m. the genial Hollander behind the microphone signed off with the happy phrase. It was apropos in his native land where night had come.

All of which is by way of suggesting that the NBC “Woman’s Magazine of the Air” offers a program each morning that stimulates “pleasant dreams” throughout the day. Dreams they are of tempting viands prepared with a minimum of effort; reminiscences of yesteryear inspired by the rhythmic old-fashioned songs; colorful visions of a livable home inspired by the authoritative discussions on decoration by the Magazine experts . . . a million dreams—fanciful yet sane to fill the hours of lingering day.

Bennie Walker with his contagious smile. We find him entering the NBC San Francisco studio, a fat continuity under one arm and the magic chimes hugged in the other. Bennie is starting out to weave more of the stuff from which dreams are made by thousands of home-makers all along the coast and inland.

With the holiday season at hand, Helen Webster, Ann Holden and Marjorie Gray are weaving their dreams about Thanksgiving dinner and Christmas gifts.

Ann, it is agreed by her following, is one of the very eminent authorities on salad. She devotes hardly less time to deserts, spending many of her hours off the air in effecting new combinations and testing hundreds of contributed recipes.

Miss Webster’s interest in foods is quite as vast, but she thinks even more excitedly of the comforts of home which grow out of warmth and beauty.

The last time we chatted with Helen she was preparing to discuss home heating for the radio audience. A half hour later she was to describe some more of the gay gift novelties suggested each week during the Fuller feature. We wanted to hear about them, but Helen dabbed a bit of powder on her nose and dashed into the studio just as she had launched into the description of card tables. Bennie had given the cue and the Magazine Melodists were playing “Song of Siberia” as an introduction to the feature sponsored by your own gas company.

It’s one of the facilities of radio artists that, like their “relatives” of the stage and screen, they must be on time at all costs.

“Besides being a matter of pride, the time element is most important in radio,” the editor explains. “Just today, twenty seconds of an opening announcement were lost by one station. It was because of some technicality, for the program progressed properly in the studio, but just the same it was charged up. By the same token, it would hardly be fitting for one of us to cause a half-minute’s delay in any broadcast.”

“A new program was introduced to the Magazine audience last week and will be broadcast continuously,” Bennie reminds one. “Speaking of dreams—it probably will lead my friends, the home-makers, to dream more of lovely hands.”

The introduction of Cutex to the family of Magazine products necessitated a change in the Monday program. Opening with that feature, the hour continues with the editorial twenty minutes, and closes with a sketch from Harry De Lasaux’s deft pen. Jack Deane and Bennie Walker are the artists to be heard this week.

On the other days the present regime maintains. Miss Holden speaks for Wright and Wedgewood and the staff turns to review Sunset Magazine each Tuesday. Wednesday brings to the microphone the Oronite Comedians headed by “Magnolia,” an Easier Housekeeping feature and a Fuller talk by Helen Webster. On Thursday Miss Holden discusses California Home Catsup and Rubyettes, while Sara Treat offers another episode of the “Romance of Marjorie” and introduces Don Amaizo. The M. J. B. chef and Ann Holden carry-on Friday, with Miss Holden talking on the Kraft and Alpine periods.

Topics for each talk and the artists to be heard this week will be found in the Broadcast Weekly program schedule.
With all the conflicting claims of radio manufacturers, it is difficult to select a radio without competent advice.

Kolster Retailers are selected because of their integrity and knowledge of radio.

They will truthfully tell you what you should expect from your radio investment. They will show you how to get the most radio enjoyment from the splendid programs regularly on the air.

KOLSTER RADIO

Distributed by

JOHN G. RAPP CORPORATION
123 Second Street
San Francisco
SUNDAY Programs

Nov. 10, 1929

491.5 Meters

Don Lee, Inc., San Francisco, California
9 to 12 noon—"Home Sweet Home" concert
12 to 1:15 p.m.—Sherman & Clay noonday concert
1:15 to 2 p.m.—Sunday matinee, featuring Jean Wakefield, Bob and his zither, Dick McCaffrey and Tom Quirk, DLBS
2 to 2:30 p.m.—Mckesson & Robbins, CBS
2:30 to 3 p.m.—Recordings
3 to 3:15 p.m.—Art Fadden, pianist
3:15 to 4 p.m.—Recordings
4 to 4:30 p.m.—Our Romantic Ancestors, CBS
4:30 to 5 p.m.—Talk by Dr. Louis L. Newman
5 to 5:30 p.m.—Tea time music—Paul Carson, organist; Lucille Atherton Harger, contralto; Marjorie Coletti, pianist, with violin and harp, DLBS
5:30 to 6 p.m.—Art Kahn and his Sonotrons, CBS
6 to 7 p.m.—Majestic "Theater of the Air" CBS
7 to 7:30 p.m.—Melody Hour, featuring Robert Olsen, Harold Dana and Novelty Sextette
7:30 to 8 p.m.—Royal Typewriter Company program, CBS
8 to 9 p.m.—Charles Bulotti, tenor; Juanita Tennyson, soprano, and KFRC concert orchestra directed by Frank Moss, DLRS
9 to 11 p.m.—Val Valente and his Roof Garden Orchestra
11 to 12 midnight—Herb Meyerinck's Mandarin Band

265.3 Meters

Radio Service Corp., Salt Lake City, Utah
7:30 a.m.—Informal program
10:30 a.m.—Instrumental ensemble, NBC
11 a.m.—Russian Balalaika Orchestra, NBC
11:30 a.m.—Old World Trio, NBC
12 noon—The Friendly Hour, NBC
1 p.m.—L. D. S. services
2:30 p.m.—A. A. Gilbert Co. program
3 p.m.—Mutual Hour
3:30 p.m.—Anglo-Persians, NBC
4 p.m.—Ye Olde Towne Cryer
4:30 p.m.—Baldwin Piano Co. 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 Presb. Church services
7:30 p.m.—Irving Webb's Imperial Orchestra
8 p.m.—Amos 'n Andy, NBC
8:15 p.m.—L. D. S. Church services
9 p.m.—Criterion Male Quartet and Evans Sisters Trio
10:30 p.m.—Request Hour

BEST BETS TODAY

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200 a.m.—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' Ass'n
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, astroanalysis
6:30 to 7 p.m.—Dr. Theodore Curtis Ahe
7 to 8 p.m.—Calmon Lubovnik, master violinist; Claire Mellonino, pianist; Walter V. Fernald, cellist
8 to 9 p.m.—First Presbyterian Church
9 to 9:15 p.m.—Recordings
9:15 to 10:15 p.m.—Courtesy program
SUNDAY Programs

National Broadcasting Company

12 to 1 p.m.—National Youth Conference
Dr. Donley Atkinson will deliver a brief address and also answer questions from listeners. George Shackley will conduct the musical program, which will be presented by a mixed quartet and an orchestra.
Broadcast through KGO, KHQ, KGW and KOMO.

1 to 2:30 p.m.—Dr. S. Parkes Cadman Cathedral Hour
"Guidance of Life" is the title of the radio sermon to be delivered by Dr. S. Parkes Cadman during the Cathedral Hour broadcast.
A musical prelude and postlude to the sermon will be given by the Cathedral studio choir under the direction of George Dilworth. Included in the choral program will be "Oft in Danger, Oft in Woe," "Let the Heavens Rejoice," "Onward Christian Soldiers," "Great and Marvelous Are Thy Works" and "Come, Kingdom of God."
Broadcast through KGO, KHQ, KOMO, and KGW (1:45 to 2:30 p.m.)

2:30 to 3 p.m.—A. C. Gilbert Co. Program
End Jones of Yale will inaugurate the second annual series of A. C. Gilbert's sports talks today when this program comes to the Pacific Coast for the first time.
Included in the half-hour presentation will be the favorite football song of Yale, sung by a male chorus with the Erector Buddies Football Band.
Broadcast through KGO, KHQ, KOMO, KGW and KFI.

3 to 3:30 p.m.—Sir Conan Doyle Series, KGO.
3:30 to 4 p.m.—Whittall Anglo-Persians
Armistice Day's eleventh anniversary will be celebrated by the Whittall Anglo-Persians. Although their concert comes a day in advance, it will consist entirely of selections in keeping with the spirit of the historic event which ended the World War. Four war songs, including "Keep the Home Fires Burning" and "Oh, How I Hate to Get Up," open the program under Louis Katzman's direction.
A musical prelude and postlude to the sermon "Guidance of Life," delivered by Dr. S. Parkes Cadman will be celebrated by the Whittall Anglo-Persians.
The quartet and ensemble presenting another 15 minutes of old-fashioned lyrics and the hymn, "God of Our Fathers, Known of Old."
Barbara Blanchard, Eva Atkinson, Austin Musher and Myron Niesley are the Enna Jetick singers, while Joseph Hornik directs the orchestra.
Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.

5:15 to 6:15 p.m.—Collier's Radio Hour
Presenting Brigadier General William Mitchell as the guest speaker, the Collier's Radio Hour will be broadcast through a nation-wide network tonight.
Dramatized stories and music will complete this hour, which will be broadcast through KHQ, KOMO, KGW, KPO and KFI.

5:15 to 7:15 p.m.—Atwater Kent Program
Reinhold Werrenrath, distinguished American baritone, returns to the microphone tonight as guest artist on the Atwater Kent program. Born of Danish ancestry in Brooklyn, N. Y., Werrenrath graduated from New York University and studied with Victor Maurel and other noted singers. His father, George Werrenrath, was himself a famous violinist.
Josef Pasternack will conduct the Atwater Kent orchestra during the concert.
Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.

7:15 to 7:45 p.m.—Studebaker Champions
Popular music interpreted by the Studebaker Champions will fill the half hour tonight. Jean Goekette directs the Champions. Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.

7:45 to 8 p.m.—"Enna Jetick Melodies"
The quartet and ensemble presenting another 15 minutes of old-fashioned lyrics and the hymn, "God of Our Fathers, Known of Old."
Barbara Blanchard, Eva Atkinson, Austin Musher and Myron Niesley are the Enna Jetick singers, while Joseph Hornik directs the orchestra.
Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.

8 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.

315.6 Meters

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

8:30 to 9 a.m.—The Funny Paper Man
9 to 10:45 a.m.—Late recordings
12:30 to 1:30 p.m.—Late recordings
6:30 to 7 p.m.—Harry Jackson's entertainers
8:30 to 9 a.m.—The Funny Paper Man
7 to 7:30 p.m.—Burr McIntosh, Cheerful Philosopher
7:30 to 8 p.m.—Burr McIntosh, Cheerful Philosopher
9 to 9:15 p.m.—Program for "Screen Secrets" magazine
9:15 to 11 p.m.—Bill's Ragtime Review

239.9 Meters

KFOX Channel 125
1250 Kcys.
1000 Watts
Nichols & Warinner, Long Beach, Calif.
7 to 9 a.m.—Remote control, KGFJ
9 to 10 a.m.—Orchestra and light opera records
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
2 to 2:30 p.m.—Rebroadcast, KGFJ
2:30 to 4 p.m.—Hollywood Municipal Band
5 to 5:30 p.m.—Orchestra
5:30 to 6 p.m.—Old-Time Fiddlers
6 to 6:30 p.m.—Em and Clem
6:30 to 7 p.m.—Studio orchestra
7 to 8 p.m.—Hollywood Girls
8 to 9 p.m.—First Church of Christ, Scientist
9 to 11 p.m.—Distributor's Nite
11 to 3 a.m.—Watch Hospital, KGPJ
SUNDAY Programs

440.9 Meters
KPO Channel 68
680 Kcys.
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 a.m.—Denominational and nondenominational church services
10:45 a.m.—Bank of America of California
12 to 1 p.m.—KPO Salon Orchestra
1 to 2:15 p.m.—Afternoon musical by Uda Waldrop with Ione Pastori Rix, soprano
2:15 to 6 p.m.—Football broadcast, St. Mary's vs. Santa Clara, Kezar Stadium
5 to 6:15 p.m.—Dr. S. Parkes Cadman, NBC
6:15 to 6:30 p.m.—Collier's Radio Hour, NBC
6:30 to 7:15 p.m.—Atwater Kent program, NBC
7:15 to 7:45 p.m.—Studebaker program, NBC
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 8:30 p.m.—No. Amer. Building Loan Ass'n
8:30 to 9 p.m.—Rudy Seiger and his Fairmont Hotel Concert Orchestra
9 to 10 p.m.—Anna Wilson, tenor
10 to 10:15 p.m.—News digest, "Scotty" Mortland
10:15 to 10:30 p.m.—Narrative organ recital, Theodore Strong

361.2 Meters
KOA Channel 83
830 Kcys.
12,500 Watts
General Electric Co., Denver, Colorado
9:50 a.m.—Services of Divine Science Church
12:30 to 1 p.m.—Immaculate Conception Cathedral lecture
1 to 2:30 p.m.—Dr. S. Parkes Cadman, NBC
2:30 to 3:30 p.m.—Symphonic Hour, NBC
3:30 to 4 p.m.—Whittall Anglo Persians, NBC
4 to 4:30 p.m.—Dorothy Lewis, NBC
4:30 to 5:30 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 8:30 p.m.—The Maestros, NBC
8 to 8:15 p.m.—The Solitaire Cowboys
8:15 to 9:15 p.m.—The Solitaire Cowboys
8:45 to 9 p.m.—Sam Herman, xylophonist, NBC

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 12:30 p.m.—Church service
12 to 1 p.m.—National Youth Conference, NBC
1 to 1:30 p.m.—Catholic Truth
1:45 to 2:30 p.m.—Dr. S. Parkes Cadman, NBC
2:30 to 3:30 p.m.—A. C. Gilbert program, NBC
3 to 3:30 p.m.—Fisherman's Flushing Mills concert
3:30 to 4 p.m.—Whittall Anglo Persians, NBC
4 to 4:30 p.m.—The Solitaire Cowboys
4:30 to 5 p.m.—Dentist talk
4:30 to 6 p.m.—Duо Disc, NBC
5 to 5:15 p.m.—Dr. S. Parkes Cadman, 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 program, NBC
7:45 to 8:30 p.m.—Enna Jettick Melodies, NBC
8 to 8:30 p.m.—Baker's Ethel Jetticks
8:30 to 9 p.m.—Theo's Quartet
9 to 9:30 p.m.—Blumauer Frank
9:30 to 10 p.m.—KGW Chanters
10 to 11 p.m.—Little Symphony Orchestra
11 to 12 midnight—Fox Hollywood organ

243.8 Meters
KYA Channel 123
1230 Kcys.
1000 Watts
Pacific Broadcasting Corp., San Francisco
11 to 11:30 a.m.—Recordings
11:30 to 12 noon—Fox and Warfield Theater 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.—Football from Kezar Stadium, St. Mary's vs. Santa Clara
5 to 6 p.m.—Sapheire Musical Gems
6 to 6:30 p.m.—Sidney Co. program
6:30 to 7 p.m.—Fox and Warfield program
7 to 8 p.m.—Pacific Artists' Trio, dir. Liborius Hauptmann; Dorothy Lewis, soloist
8 to 9 p.m.—Church services from Old St. Mary's
9 to 9:15 p.m.—Screen Secrets
9:15 to 10 p.m.—Pacific Artists' Trio, under the direction of Liborius Hauptmann, with Mary Jenkins, soprano
10 to 11 p.m.—Joe Wright's orchestra
11 to 12 midnight—Byington electric program
12 to 1 a.m.—Universal Safety Co. all request program

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

508.2 Meters
KHQ Channel 59
590 Kcys.
1000 Watts
Louis Wasmer, Inc., Spokane, Washington
9:30 to 10 a.m.—Uncle Bill reads the funnies
10 to 11 a.m.—I. B. S. A., KHQ, KOMO, KGW
11 to 12 noon—Central M. E. Church
12 to 1 p.m.—National Youth Conference, NBC
1 to 2 p.m.—Dr. S. Parkes Cadman, NBC
2:30 to 3 p.m.—A. C. Gilbert, NBC
3:30 to 4 p.m.—Whittall Anglo Persians, NBC
4 to 4:30 p.m.—Matched Unit Trio
4:30 to 5:15 p.m.—Duо Disc program, NBC
5 to 5:15 p.m.—Concert trio
5:15 to 6:15 p.m.—Collier's Radio Hour, NBC
6:15 to 7:15 p.m.—Atwater Kent, NBC
7:15 to 7:45 p.m.—Studebaker Champions, NBC
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 9 p.m.—New Episcopal Cathedral
8:30 to 9:30 p.m.—Blumauer Frank, NWT
9:30 to 10:30 p.m.—City Service concert

325.9 Meters
KOMO Channel 92
920 Kcys.
1000 Watts
Fisher's Blind Station, Seattle, Washington
10 a.m.—International Bible Students' Assoc.
11 a.m.—Lucille Johnson, pianist; Veona Socoloffsky, soprano
11:15 a.m.—Plymouth Congregational Church
12 to 1 p.m.—National Youth Conference, NBC
NBC
2:30 p.m.—A. C. Gilbert Co. program, NBC
3:30 p.m.—Whittall Anglo Persians, NBC
4 p.m.—Sunday concert, NBC
4:30 p.m.—Duо Disc program, NBC
5 p.m.—Hayden Morris, Agnes Skartvedt and Veona Socoloffsky, NBC
5:15 p.m.—Collier's Radio Hour, NBC
6:15 p.m.—Atwater Kent program, NBC
7:15 p.m.—Studebaker Champions, NBC
7:45 p.m.—Enna Jettick Melodies, NBC
8 p.m.—First Church of Christ, Scientist
9 p.m.—Studio program
9:30 p.m.—Francesco Longo's Philharmonic Orchestra
10:30 to 11 p.m.—Artistic Ensemble
**Broadcast Weekly**

**SUNDAY Programs**

**379.5 Meters KGO**  
Channel 79  
10,000 Watts  
General Electric Co., Oakland, California  
12 to 1 p.m.—National Youth Conference  
1 to 2:30 p.m.—Dr. S. Parkes Cadman, Cathedral Hour  
2:30 to 3 p.m.—A. C. Gilbert Co., NBC  
3 to 3:30 p.m.—Sir Conan Doyle Series  
3:30 to 4 p.m.—Whittall Anglo-Persians  
4 to 4:30 p.m.—Afternoon concert  
4:30 to 5 p.m.—Duo Dalcroze program  
5 to 6:15 p.m.—Studio concert  
6:15 to 7:15 p.m.—Atwater Kent program  
7:15 to 7:45 p.m.—Studebaker Champions  
7:45 to 8 p.m.—Enna Jettick Melodies  
8 to 9 p.m.—The Pilgrims  
9 to 9:30 p.m.—"The Reader’s Guide," Joseph Henry Jackson  
9:30 to 10 p.m.—Stasiasis Bem’s Little Symphony, Hotel Whitcomb, San Francisco  

**468.5 Meters KFI**  
Channel 64  
5000 Watts  
Copyright, 1929, E. C. Anthony, Inc., L. A.  
10 a.m.—L. A. Church Federation program  
2:30 p.m.—A. C. Gilbert Co., NBC  
3:30 p.m.—Whittall Anglo-Persians, NBC  
4:30 p.m.—Lella Castberg, “Advanced Thought”  
5 p.m.—Genevieve Behrend, “Science of Life”  
5:15 p.m.—Collier’s Radio Hour, NBC  
6:15 p.m.—Atwater Kent program, NBC  
7:15 p.m.—Studebaker Champions, NBC  
7:45 p.m.—Enna Jettick Melodies, NBC  
8 p.m.—Concert orchestra, Pryor Moore, dir.  
9 p.m.—KFI organ ensemble  
9:30 p.m.—Studio program  
10 p.m.—Wally Perrin’s dance orchestra.; Jean Dunn, soloist  

**296.6 Meters KQW**  
Channel 101  
500 Watts  
First Baptist Church, San Jose, Calif.  
10:15 to 11 a.m.—Church school lessons by Fred J. Hart  
11 to 12:30 p.m.—Morning service, First Baptist Church, conducted by Rev. Paul H. Raatelin  
7:30 to 8 p.m.—Evening services, First Baptist Church  

**333.1 Meters KHJ**  
Channel 90  
1000 Watts  
Don Lee, Inc., Los Angeles, California  
8 to 9 a.m.—Don Lee, Inc., program  
9 to 11 a.m.—Pac. States Sav. & Loan, KFRC  
11 to 12:30 p.m.—First M. E. Church  
12:30 to 1:30 p.m.—Terpenez program  
1:30 to 2 p.m.—Program from KFRC  
2 to 2:30 p.m.—McKee and Robbins, CBS  
2:30 to 3:15 p.m.—Recordings  
3:15 to 4 p.m.—Art Padden, pianist, KFRC  
4 to 6 p.m.—Colonial Dames program  
4:15 to 4:30 p.m.—Recordings  
4:30 to 5 p.m.—Ralph Ed. Magnin  
5 to 5:30 p.m.—Tea Time Three, KFRC  
5:30 to 6 p.m.—Sonatron program, CBS  
6 to 7 p.m.—J. Alphonse Kern, 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.—From KFRC  
10 to 10:10 p.m.—World-Wide News  
10:10 to 11 p.m.—From KFRC  
11 to 1 a.m.—Wesley Tourtellotte, organist  

**533.4 Meters KTAB**  
Channel 56  
Pickwick Broadcasting Co., Oakland  
9 to 10 a.m.—Dr. Corley  
10 to 11 a.m.—Bible class  
11 to 12:30 p.m.—Sixth Avenue Baptist Church  
12:30 to 1 p.m.—Chapel of the Chimes  
1 to 2 p.m.—Church of the Latter Day Saints  
2 to 2:15 p.m.—Recordings  
2:15 to 5 p.m.—Football game, Kezar Stadium  
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.—Mary Thompson and Jane Sands  
7:30 to 9:30 p.m.—Tenth Avenue Baptist Church  
9:30 to 10 p.m.—Brunswick Hour  
10 to 11 p.m.—Doctors of the Blues  

**322.4 Meters KFWI**  
Channel 93  
500 Watts  
Radio Entertainments, San Francisco, Calif.  
3 to 4 p.m.—Popular recordings  
4 to 5 p.m.—Semi-Classical Hour  
5 to 6 p.m.—Courtesy program  
7:50 to 9:15 p.m.—Services, Fourth Church of Christ Scientist  

**319 Meters KON**  
Channel 94  
1000 Watts  
KON, Inc., Portland, Oregon  
12 to 1 p.m.—Portland Theater organ  
1 to 2 p.m.—Gospel service and orch. concert  
2 to 2:30 p.m.—CBS chain program  
2:30 to 3 p.m.—CBS chain program  
5 to 6 p.m.—Chapel of the Chimes  
6 to 6:30 p.m.—Benson Hotel Orchestra  
8 to 9 p.m.—First Church of Christ, Scientist  
9 to 10 p.m.—Orchestral concert  
10 to 11 p.m.—Warner Stone’s orchestra  

**280.2 Meters KJBS**  
Channel 107  
1070 Kcys.  
100 Watts  
J. Brunton & Sons, San Francisco, Calif.  
8:30 to 9 a.m.—Records  
9 to 9:30 a.m.—Seeger program  
9:30 to 10 a.m.—Gillette Casino melodies  
10 to 10:30 p.m.—Sunshine Half Hour  
10:30 to 11 a.m.—Recorded music  
11 to 11:30 a.m.—Selig program  
11:30 to 12 noon—Semi-Classical Hour  
12 to 12:30 p.m.—Les Poo and Jack Dean  
12:30 to 1 p.m.—Thorobred Tunes  
1 to 1:30 p.m.—HotNKold Melodies  
1:30 to 2:30 p.m.—Popular record program  
2:30 to 3 p.m.—Chas. Warriner, baritone  
3 to 3:30 p.m.—Mabel H. Payne, soprano  
3:30 to 4 p.m.—Variety record program  
4 to 5 p.m.—Saphire program  

**384.4 Meters KTM**  
Channel 78  
780 Kcys.  
500 Watts  
Pickwick Broadcasting Corp., Santa Monica  
8 to 9 a.m.—Records  
9 to 10 a.m.—Watchtower program  
1 to 2:30 p.m.—Arthur Shaw, organist  
2:30 to 3:30 p.m.—Santa Monica Band concert  
3:30 to 4:30 p.m.—Musical Appreciation Hour  
4:30 to 5 p.m.—Christian Unity program  
8 to 9 p.m.—Santa Monica Band concert  
9 to 10 p.m.—Gala Armistice Day program; “Revelation,” playlet; cast. Glenn Hall Taylor; Gordon Soule; Art I evove and Ross Gibson  
10 to 11 p.m.—Lucy Day, soprano; Ann Swan- son, contralto; Ross Gibson, baritone; Paul Reese, pianist; Polly Grant Hall, accompanist  
11 to 12 midnight—Arthur Shaw, organist
REMOTE CONTROL TUNERS ADD TO LISTENER’S COMFORT

The tuning of a radio set by remote control and without direct hand manipulation of the dials or without leaving an easy chair is the newest outstanding development of the art. The device may now be purchased either as a separate accessory or as a part of a number of standard sets that have in mind complete enjoyment and relaxation.

By remote control, it is now possible to tune stations in and out, raise and lower volume and perform all the work of direct tuning while sitting in another room from the one in which the radio set is located. A wire under the carpet, a tiny box with an indicator light and push buttons on the arm of the chair, and the set owner is just as much master of his set as if he sat in front of it.

The remote control device is equipped with an automatic station indicator and silencer. The indicator shows a small red light above the station recorder, indicating at all times the station to be heard. The silencer automatically eliminates all in-between station noises while changing the tuning from one station to another.

The remote control attachment is only 3 by 6 inches in length, and in one instance at least is made in bronze of attractive design with felt bottom. In general, the devices work in this manner: When the set is turned on by remote control, a small indicator light glows on the control box. When a station button is pressed, the red light goes off and a green light comes on, indicating that the set is being tuned, and that a control motor is rotating the dial of the set. When the motor has automatically turned the dial to the right station, the green light goes out and the red indicator comes in a second time.

There is a volume control button on the little box which regulates the exact volume of the set. The device may be linked to other similar units so that the set may be controlled from any number of rooms, upstairs or from out of doors. Some of the newer and more advanced sets are now built with special attachments for the remote control connection which is plugged into position like a loudspeaker, and carries its own cable.

The whole purpose of the remote control is to enable listeners to sit quietly before a fire, or in the depths of a comfortable chair, and have the world of radio at their elbow without continually running to turn a set back and forth, on and off, in selection of a desired program. The remote control attachment will probably be the leading feature of next year’s carefully designed radio sets.

PUNCH YOUR STATION LIKE TRANSFER

An interesting innovation has been added to the new Edison tuner, one of the late type modern radio sets, in the form of an attachment by which the listener, having once located the best reception point for a station, punches a record of it on a copper sheet. Thereafter, a light automatically flashes up whenever this station is reached.

There are two windows in the set—one which carries the calibrated dial and the other a blank white dial, or window. When a station is tuned in for the first time, its call letters are registered in the window. A small set screw is then given a turn. This screw punches an impression on a copper disk against which a plunger bears. When the plunger, thereafter, encounters the screw-impression, it automatically floods the window with illumination.

In other words, when the light flashes, it indicates that the station, whose call letters show in the window, is tuned to perfect resonance. No chance of almost or approximately tuning in the station at the right spot. Owing to the fact that sets do not all tune exactly the same in different locations, the punching of the copper transfer record is left to the set owner himself.

NEW TELEVISIONER

Another television outfit has joined the happy family of experimenters. Within thirty days, according to a recent announcement, the experimental station of the Freed Eisenmann Company at Alwood, N. J., operating under the call letters W2CXP, will start "shooting" television waves on two bands, one from 2000 to 2100 kilocycles and the other from 2850 to 2980 kilocycles. Bands of that width are required for the work. Antenna tests and other preliminary work are already under way.
MONDAY Programs

Nov. 11, 1929

440.9 Meters
680 Kcys.
Hale Bros. & The Chronicle, San Francisco

7 to 8 a.m.—Health exercises by Hugh Barrett Dobbs and William H. Hancock
8 a.m.—Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock
9:30 to 10 a.m.—Dobbsie's Daily Chat
10 to 10:30 a.m.—Helpful Hints for Housewives
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 11:45 a.m.—Art talk by Helen G. Barker
11:45 to 12:05 p.m.—Time, Scripture, weather and 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
2:15 to 5 p.m.—Army vs. Navy, California Memorial Stadium
5 to 5:30 p.m.—Children's Hour
5:30 to 6:30 p.m.—Armistice Day program
6:30 to 7:30 p.m.—General Motors' program, NBC
7:30 to 8 p.m.—Studio program
8 to 9 p.m.—Shell Symphonists program, NBC
9 to 10 p.m.—KPO Concert Orchestra
10 to midnight—Studio program

319 Meters
940 Kcys.
KIN
KIN, Inc., Portland, Oregon

8 to 9 a.m.—Household Twins
9 to 9:30 a.m.—Organ recital
9:30 to 9:50 a.m.—Cooking school
9:50 to 11:45 a.m.—Shoppers' Guide and Town Topics
11:45 to 12 noon—Vocal program
12 to 1 p.m.—Luncheon concert
1 to 1:30 p.m.—Billy's Hawaiians
1:30 to 2 p.m.—Orchestra
2 to 2:15 p.m.—Inspirational speaker
2:15 to 3 p.m.—Orchestra and string trio
3 to 5 p.m.—News items and music
5 to 5:30 p.m.—String ensemble
5:30 to 6 p.m.—Orchestra
6 to 7 p.m.—Dinner concert
7 to 7:30 p.m.—Benson Hotel Orchestra
7:30 to 8 p.m.—Orchestra
8 to 9 p.m.—Orchestra and string ensemble
9 to 10 p.m.—Vocal program
10 to 11:30 p.m.—McElroy's Oregonians

239.9 Meters
1250 Kcys.
KFOX
Nichols & Warinner, Long Beach, Calif.

5 to 7 a.m.—Remote Control, KGFJ
7:30 to 8:30 a.m.—Records; news items
8:30 to 10 a.m.—Novelty program; beauty talk
10 to 11 a.m.—Organ recital
11 to 12 noon—Varsity Boys; news reports
12 to 2 p.m.—Records, latest releases
2 to 3 p.m.—Health talk; records
3 to 3:30 p.m.—Organ recital
3:30 to 4 p.m.—Recordings
4 to 5:30 p.m.—Organ recital; news
5:30 to 6 p.m.—Helene Smith
6:30 to 7 p.m.—Studio frollick
7 to 8 p.m.—Suydam's Buttercream School
8 to 8:30 p.m.—Quartette and Helene Smith
8:30 to 9 p.m.—Texas Cowboys
9 to 10 p.m.—Frederick Fisher and John Watts Gilbert
10 to 11:30 p.m.—Majestic ballroom
11:30 to 12 midnight—Silver Spray Orchestra
12 to 1 a.m.—KGFJ, Apex Club

BEST BETS TODAY

<table>
<thead>
<tr>
<th>TIME</th>
<th>STATION</th>
<th>PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 a.m.</td>
<td>KIN</td>
<td>Vocal program</td>
</tr>
<tr>
<td>10 a.m.</td>
<td>KIN</td>
<td>Luncheon concert</td>
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<tr>
<td>11 a.m.</td>
<td>KIN</td>
<td>Billy's Hawaiians</td>
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<tr>
<td>12 a.m.</td>
<td>KIN</td>
<td>Organ recital</td>
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<tr>
<td>1:30 p.m.</td>
<td>KIN</td>
<td>Orchestra</td>
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<tr>
<td>2:15 p.m.</td>
<td>KIN</td>
<td>Inspirational speaker</td>
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<tr>
<td>3 p.m.</td>
<td>KIN</td>
<td>Orchestra and string trio</td>
</tr>
<tr>
<td>5 p.m.</td>
<td>KIN</td>
<td>News items and music</td>
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<tr>
<td>5:30 p.m.</td>
<td>KIN</td>
<td>String ensemble</td>
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<tr>
<td>6 p.m.</td>
<td>KIN</td>
<td>Orchestra</td>
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<tr>
<td>7 p.m.</td>
<td>KIN</td>
<td>Dinner concert</td>
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<tr>
<td>7:30 p.m.</td>
<td>KIN</td>
<td>Benson Hotel Orchestra</td>
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<tr>
<td>8 p.m.</td>
<td>KIN</td>
<td>Orchestra</td>
</tr>
<tr>
<td>9 p.m.</td>
<td>KIN</td>
<td>Orchestra and string ensemble</td>
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<tr>
<td>10 a.m.</td>
<td>KIN</td>
<td>Vocal program</td>
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<td>11:30 p.m.</td>
<td>KIN</td>
<td>McElroy's Oregonians</td>
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<tr>
<td>Time</td>
<td>Program</td>
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<tr>
<td>9:30 to 10 p.m.</td>
<td>“The Cigar Band”</td>
<td></td>
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<tr>
<td>10 to 11 p.m.</td>
<td>Slumber Hour</td>
<td></td>
</tr>
<tr>
<td>10 to 11 p.m.</td>
<td>“Indian Lament,” a Dvorak selection reflecting the composer’s visit in America, will be heard tonight during the broadcast. Lucile Kirtley and Harold Spaulding are the soloists. Miss Kirtley will contribute “Serenade” and “Twilight.” Spaulding will sing “Rosen-duh” and “Love Built a Little Garden.” Broadcast through KGO, KSL and KOA.</td>
<td></td>
</tr>
<tr>
<td>11 to 12 midnight</td>
<td>Ray West’s Hotel St. Francis Dance Orchestra, KGO.</td>
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<tr>
<td>379.5 Meters</td>
<td>KGO Channel 79, 10,000 Watts</td>
<td></td>
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<tr>
<td>508.2 Meters</td>
<td>KHQ Channel 59, 1000 Watts</td>
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</tbody>
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**Monday Programs**

**National Broadcasting Company**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
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<tbody>
<tr>
<td>10:30 to 11:30 a.m.</td>
<td>“Woman’s Magazine of the Air”</td>
</tr>
<tr>
<td>5:30 to 6:30 p.m.</td>
<td>American Legion Armistice Day transcontinental program. The principal speaker, KOMO, will broadcast through KOMO and KFI. A musical tribute in celebration of Armistice Day will be paid by Rudy Seiger’s Shell Symphonists.</td>
</tr>
<tr>
<td>11:30 to 12 noon</td>
<td>Organ Recital, KGO.</td>
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<tr>
<td>12 to 1:30 p.m.</td>
<td>Luncheon Concert, KGO.</td>
</tr>
<tr>
<td>1:30 to 2:30 p.m.</td>
<td>Pacific Vagabonds</td>
</tr>
<tr>
<td>3 to 3:30 p.m.</td>
<td>Mormon Tabernacle Program</td>
</tr>
<tr>
<td>4:45 to 5 p.m.</td>
<td>Back of the News in Washington, KGO.</td>
</tr>
<tr>
<td>5:30 to 6:30 p.m.</td>
<td>American Legion Armistice Day transcontinental program. The principal speaker, KOMO, will broadcast through KOMO and KFI. A musical tribute in celebration of Armistice Day will be paid by Rudy Seiger’s Shell Symphonists.</td>
</tr>
<tr>
<td>6:30 to 7:30 p.m.</td>
<td>General Motors Family Party</td>
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<tr>
<td>7:30 to 8 p.m.</td>
<td>“The Empire Builders”</td>
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<tr>
<td>8 to 9 p.m.</td>
<td>Rudy Seiger’s Shell Symphonists</td>
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<tr>
<td>10 to 11 p.m.</td>
<td>Slumber Hour</td>
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<tr>
<td>11 to 12 midnight</td>
<td>Ray West’s Hotel St. Francis Dance Orchestra, KGO.</td>
</tr>
</tbody>
</table>

**Broadcast Weekly**

**Mon, NBC**

- **9 to 9:30 p.m.** - “Voice of Firestone”
  - Bringing to radio listeners a 30-minute presentation of light classics and popular music, two vocal soloists, a male singing ensemble of eight voices and an orchestra of three musicians headed by Max Dolin, will be heard tonight. Easton Kent, Marlan Gilbert, Mynard Jones and the Firestone Choristers are the personalities who will contribute to this program, which is broadcast over KGO, KHQ, KOMO, KGW, KFI, KSL and KOA.
- **9:30 to 10 p.m.** - “The Cigar Band”
  - Walter Beban will again set the tempo for “The Cigar Band.” As the third weekly program by this new group of microphone dance musicians is broadcast, Clarence Hayes will add vocal choruses to “The Cigar Band’s” interpretations of such popular melodies as “Evangeline” and “I’m Referrin’ To Her ‘N’ Me.” Broadcast through KGO, KOMO, KGW and KFI.
491.5 Meters  
KFRC  
Channel 61  
1000 Watts  
Don Lee, Inc., San Francisco, California

7 to 7:30 a.m.—“Simply Fitts” from Seal Rocks
7:30 to 8 a.m.—Bill Wright, the “Pathfinder”
8 to 9 a.m.—Alarm Clock, featuring Ralph Peterson, Ed Skrivanik and Gene Byrnes, DLBS
9 to 9:30 a.m.—Rynnings, R. T. Hughes
9:30 to 9:45 a.m.—Fitch Company program
9:45 to 10 a.m.—Yoeng’s orchestra, CBS
10 to 11 a.m.—Wyn’s Daily Chats
11 to 11:30 a.m.—Mary Lewis Halnes
11:30 to 11:45 a.m.—Reladam program
11:45 to 12 noon—Auditions
12 to 1 p.m.—Sherman, Clay nooday concert
1 to 1:30 p.m.—Paul Carson, organist
1:30 to 2 p.m.—Charlie Wellman, DLBS
2 to 2:30 p.m.—Happy Go Lucky Hour
2:30 to 5 p.m.—Army vs. Navy football game
5 to 5:30 p.m.—U. S. Army Band from Washington, CBS
5:30 to 7 p.m.—Thirty Minutes of Sunshine and Mellowed Melody for S & W, Charles W. Hamp
7 to 7:30 p.m.—Eskimo Pie program
7:30 to 8 p.m.—Paul Carson, pianist, and Juliet Dunn, soprano
8 to 10 p.m.—“Golden State Blue Monday Jamboree”
10 to 11 p.m.—Anson Weeks’ Hotel Mark Hopkins Orchestra
11 to 12 midnight—Earl Burtnett’s Baltimore Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance music

325.9 Meters  
KOMO  
Channel 92  
1000 Watts  
Fisher’s Blend Station, Seattle, Washington

6:57 a.m.—Inspirational services
7 a.m.—Making Merry with Sperry, KPO
8 a.m.—Speak Happy Time, KPO
9 a.m.—Y. M. C. A. health exercises
9:15 a.m.—Organ recital
10:15 a.m.—Dorothea Wei and Rhena Marshall; orchestra
11:30 a.m.—Women’s Magazine of the Air, NBC
12 noon—U. S. Dept. of Agric. talk
12:15 p.m.—“What to Prepare for Dinner”
12:30 p.m.—Orchestra; Veona Socolofsky and Hayden Morris
1 p.m.—Dorothea Wel and Rhena Marshall; orchestra
2 p.m.—Blondin
3 p.m.—Women’s Magazine of the Air, NBC
4:30 p.m.—Women’s Magazine of the Air, NBC
5 p.m.—Orchestra, G. Donald Gray and Fred Lynch
6 p.m.—American Legion program, NBC
6:30 p.m.—General Motors Program, NBC
7 p.m.—Emperor 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.—University of Washington Hour
10:45 p.m.—News flashes
11 p.m.—Dance orchestra, directed by Tiny Burtnett
12 midnight—Organ recital
A Radio Luxury

THE Symphony conductor brings all the beauty out of music. Brass gives way to the strings . . . details are brought out . . . volume controlled . . . the result is perfectly balanced symphony.

As the conductor gets the most from his musicians—so does the Jensen Electro-Dynamic Speaker get the most from your radio set—whatever make of set it may be.

Any good radio dealer will be glad to discuss and demonstrate the superlative performance of the Jensen Electro-Dynamic Speaker.
MONDAY Programs

322.4 Meters  KFWI Channel 93
930 Kcys.  500 Watts
Radio Entertainments, San Francisco, Calif.
9 to 8 a.m.—Health exercises
9 to 9 a.m.—Recordings
10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
10:30 to 10:50 a.m.—Health talk, Dr. T. G. Lineberger
10:50 to 11 a.m.—News items
11 to 12 noon—Dr. Leonard, dr. of physical culture
12 to 1 p.m.—The Hoollgans
1 to 1:30 p.m.—Country Store, Cal King
1:30 to 2 p.m.—Recordings
6 to 7 p.m.—Dinner Hour program
6:30 to 8:45 p.m.—Gertrude Tracy, songs; Truman Bishop Handy, pianist
8:45 to 9 p.m.—The Three Kellys
9 to 9:30 p.m.—Herbert Maas, baritone
Margaret Ross, accompanist
9:30 to 11 p.m.—Armistice Day celebration

322.4 Meters  KFWM Channel 93
930 Kcys.  500 Watts
Oakland Educational Society, Oakland, Calif.
Details not available.

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 a.m.—Favorite recordings
9 to 9:30 a.m.—Helpful Hints to Housewives
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, educ. 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 5 p.m.—Record Variettes

315.6 Meters  KFWB Channel 95
950 Kcys.  1000 Watts
Warner Brothers, Hollywood, California
9 to 10 a.m.—Harmony Hour
10 to 10:30 a.m.—Home Economics talk
10:30 to 11:15 a.m.—Radio Variettes
11:15 to 11:45 p.m.—KFWB Quintet
12:30 to 2:10 p.m.—Radio Variettes
2:10 to 2:40 p.m.—Art Pabst and his banjo
4:15 to 6 p.m.—Radio Variettes
6:30 to 8:45 p.m.—Late recordings
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.—First National Hour, Leo Forstel's orchestra; First National stars and players; letter person under direction Helen of Hollywood
9 to 9:30 p.m.—Hollywood string quintet
9:30 to 10 p.m.—507 Boys
10 to 10:30 p.m.—George Olsen's orchestra
10:30 to 11 p.m.—Jimmie Kerr and his Montmartre Cafe Orchestra
11 to 11:30 p.m.—George Olsen's orchestra

468.5 Meters  KFI Channel 64
640 Kcys.  5000 Watts
Copyright, 1929, E. C. Anthony, Inc., L. A.
7 a.m.—Sperry Flour morning exercises
7:30 a.m.—Opening market quotations
7:45 a.m.—Exercises from KPO
8 a.m.—Shell Happy Time
8:15 a.m.—Sadye Nathan, beauty talks
9:15 a.m.—Bess Kilmer's Hints to Housewives
9:45 a.m.—Sylvia's Happy Hour
11:30 a.m.—Mental Exercises, Francis Hancock
12 noon—U. C. & U. S. agriculture talks
12:15 p.m.—Market reports
2:15 p.m.—Winnie Fields Moore, Travelogue
2:30 p.m.—Calif. School of the Air
3 p.m.—"Phenomena"
3:30 p.m.—Grace Miller, "English Lesson"
3:50 p.m.—Better America Federation
4 p.m.—Wilfred Butterworth and Gwen Morse
4:30 p.m.—Big Brother
5:30 p.m.—Amer. Legion Armistice Day 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

285.5 Meters  KNX Channel 105
1050 Kcys.  5000 Watts
L. A. Evening Express, Los Angeles, Calif.
6:45 to 8 a.m.—Health exercises
8 to 8:15 a.m.—Record program
8:15 to 9 a.m.—Inspirational talk
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's message
10:30 to 11 a.m.—Household Economics
11:15 to 11:30 a.m.—Mme. Marie, beauty talk
11:30 to 12 noon—Maytag So-A-Tone broadcast
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—Bell Laboratories
1 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3:30 to 4 p.m.—Clark's Blue Monday frolic
4:30 to 5 p.m.—Announcements; stock market reports
5:30 to 6 p.m.—C. P. R.'s musical program
6 to 6:30 p.m.—Travelogue
6:30 to 7 p.m.—"Own Your Own Home"
6:45 to 7 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, dir. by Georgia Finfield
8 to 9 p.m.—Calmon Luboviski, master violinist; Claire Mellonino, pianist; Walter V. Ferner, cellist
9 to 9:30 p.m.—Feature program
9:30 to 10 p.m.—So-A-Tone program
10 to 12 midnight—Hotel Ambassador Coconut Grove Orchestra
12 to 1 a.m.—Recordings

232.6 Meters  KDYL Channel 129
1290 Kcys.  1000 Watts
Intermountain Broad. Corp., Salt Lake City
4:30 p.m.—The Day's Popular Tunes
5 p.m.—U. S. Army Band, CBS
5:30 p.m.—Twilight Echoes
6 p.m.—The Western Baritone
6:30 p.m.—Radio Artists at the Studio
7:30 p.m.—Voice of Columbia, CBS
8 p.m.—Hotel Paramount Orchestra, CBS
8:30 p.m.—Abe Lyman's orchestra, CBS
9 p.m.—Musical Parade
10 p.m.—Harmony in Dance and Song
A Radio

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glad to discuss and performance of the ker.
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TUESDAY Programs

Nov. 12, 1929

Paul Pitman
KPO—2:30 p.m.

Brother Bob
KTAB—3 p.m.

Nellie Wren
KYA—9 p.m.

Nerino Turchet
KLX—9 p.m.

535.4 Meters
560 Kcys.
Pickwick Broadcasting Co., Oakland

KTAB Channel 56
500 Watts

7 to 8 a.m.—The Eye Openers
8 to 9 a.m.—Recordings
9 to 9:30 a.m.—Prayer Hour
9:30 to 10 a.m.—Dr. J. Douglas Thompson
10 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.—Panchon’s Style Chat
2 to 3:30 p.m.—Restful Hour
2:30 to 3 p.m.—Organ recital
3 to 4 p.m.—Dance orchestra; Dorothy Nichols, cellist
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.—Earle Caldwell, popular entertainer
8 to 8:30 p.m.—Organ recital
8:30 to 9 p.m.—Purser Pleasure Hour
9 to 10 p.m.—Lullaby Lane program with the Melody Masters: Mae Thompson, soprano, and Jane Sargent Sands, pianist
10 to 11 p.m.—Pickwickians Dance Orchestra
11 to 12 midnight—Night Owls with Lovey Wolfe, Herb Scharlin
12 to 1 a.m.—Slumber Chaser

379.5 Meters
790 Kcys.
General Electric Co., Oakland, California

KGO Channel 79
10,000 Watts

9 to 9:30 a.m.—“Health in Refrigeration”
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.—Luncheon concert
2 to 3 p.m.—The Wanderers
4:15 to 4:30 p.m.—Universal Safety Series, NBC
4:30 to 5:30 p.m.—Hotel St. Francis Salon Orch.
5:30 to 6 p.m.—Around the World with Libby
6 to 7 p.m.—Eveready Hour
7 to 7:30 p.m.—Cliquot Club Eskimos
7:30 to 8 p.m.—Orchestradians
8 to 9 p.m.—RKO Hour
9 to 9:30 p.m.—The Parker Duofold Family
9:30 to 10 p.m.—Los Angeles S. S. program
10 to 11 p.m.—Spotlight Review
11 to 12 midnight—Musical Musketeers

BEST BETS TODAY

<table>
<thead>
<tr>
<th>TIME</th>
<th>STATION</th>
<th>PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:15 p.m.</td>
<td>KSL</td>
<td>Universal Safety Series, NBC</td>
</tr>
<tr>
<td>5 p.m.</td>
<td>KSL</td>
<td>Novelty instrumental and vocal program</td>
</tr>
<tr>
<td>5:30 p.m.</td>
<td>KSL</td>
<td>Around the World with Libby, NBC</td>
</tr>
<tr>
<td>6 p.m.</td>
<td>KSL</td>
<td>Eveready Hour, NBC</td>
</tr>
<tr>
<td>7 p.m.</td>
<td>KSL</td>
<td>Cliquot Club Eskimos, NBC</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>KSL</td>
<td>Orchestradians, NBC</td>
</tr>
<tr>
<td>8 p.m.</td>
<td>KSL</td>
<td>Radio-Keith-Orpheum, NBC</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>KSL</td>
<td>Donald Cope, violinist; Osborne Sisters, “Harmony Singers”; Leroy Johnson, basso; Frances Coffin, pianist</td>
</tr>
<tr>
<td>9 p.m.</td>
<td>KSL</td>
<td>Out on the Back Porch</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>KSL</td>
<td>Studio program</td>
</tr>
<tr>
<td>10 p.m.</td>
<td>KSL</td>
<td>Jack Stacey’s popular orchestra</td>
</tr>
</tbody>
</table>
## TUESDAY Programs

### NBC National Broadcasting Company

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 to 9:30 a.m.</td>
<td>&quot;Health in Refrigeration&quot;</td>
</tr>
<tr>
<td></td>
<td>A microphone in the Washington, D. C., office of Senator Royal S. Cope-</td>
</tr>
<tr>
<td></td>
<td>land, M. D., will suddenly come to life this morning so that the nation-wide audience may hear some pertinent facts from a noted authority on the subject.</td>
</tr>
<tr>
<td></td>
<td>Broadcast through KGO, KHQ, KOMO, KGW and KFI.</td>
</tr>
<tr>
<td>9:30 to 9:45 a.m.</td>
<td>&quot;The Morning Glories,&quot; KGO</td>
</tr>
<tr>
<td>9:45 to 10 a.m.</td>
<td>Betty</td>
</tr>
<tr>
<td>10:30 to 11:30 a.m.</td>
<td>Woman's Magazine of the American travelers, and Olive West, Bernice Jones, tenor, are today's vocalists.</td>
</tr>
<tr>
<td></td>
<td>Broadcast through KGO, KHQ, KOMO, KGW and KFI.</td>
</tr>
<tr>
<td>11:30 a.m. to 12 noon</td>
<td>NBC Philharmonic Re-</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>NBC Luncheon Concert, KGO</td>
</tr>
<tr>
<td>2 to 3 p.m.</td>
<td>The Wanderers</td>
</tr>
<tr>
<td>3 to 4 p.m.</td>
<td>The cast of dramatic artists who enact H. C. Connette's sketches will include Jacques Phipps as Tom and Bert Horton as Dick, the two American fathers, and Olive West, Bernice Berwin, Bobbe Deane and Laurence Tulloch. Vocal Interludes will be contributed by Gail Taylor, soprano; Austin Mosher, baritone, and Easton Kent, tenor. Broadcast through KGO, KHQ, KO</td>
</tr>
<tr>
<td>4:15 to 4:30 p.m.</td>
<td>Second Universal Safety Series Safety will be the theme of another program in the second Universal Safety Series, broadcast through KGO, KOMO and KGW.</td>
</tr>
<tr>
<td>4:30 to 5:30 p.m.</td>
<td>Hotel St. Francis Salon Orchestra, KGO</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>&quot;Around the World with Libby&quot;</td>
</tr>
<tr>
<td>6 to 7 p.m.</td>
<td>The weekly Eveready Hour presentation will be heard through Pacific Coast stations KGO, KHQ, KOMO, KGW, KPO and KPT.</td>
</tr>
<tr>
<td>7 to 7:30 p.m.</td>
<td>Clicket Club Eskimos &quot;I Wanna Play in a Band&quot; will be the Clicket Club Eskimos' ple during their nation-wide broadcast. Harry Reser will also lead the capricious Eskimos in novel arrangements of &quot;Don't Get Collegiate,&quot; &quot;If I Had a Talking Picture of You&quot; and other recent popular compositions. Broadcast through KGO, KHQ, KOMO, KGW and KFI.</td>
</tr>
<tr>
<td>7:30 to 8 p.m.</td>
<td>Freed Orchestadians Dainty Frances White of footlight fame will sing &quot;The Monkey in the Zoo&quot; and &quot;Mississippi&quot; when she fills a special engagement with the Freed Orchestadians tonight. Included in the program to be interpreted by the Freed Orchestadians under Phil Spitalny's direction are &quot;Here Am I&quot; from &quot;Sweet Adeline&quot; and &quot;Milenburg Joys.&quot; In several other numbers they will be assisted by the Paul Sisters and Eddie Gale, vocalists. Broadcast through KGO, KHQ, KOMO, KGW and KFI.</td>
</tr>
</tbody>
</table>

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### 361.2 Meters KOA Channel 83

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 Kcys.</td>
<td>12,500 Watts General Electric Co., Denver, Colorado</td>
</tr>
<tr>
<td>4 to 4:15 p.m.</td>
<td>Roads of the Sky, NBC</td>
</tr>
<tr>
<td>4:15 to 4:30 p.m.</td>
<td>National Safety Council, NBC</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Stocks, markets, livestock, produce and news</td>
</tr>
<tr>
<td>4:55 p.m.</td>
<td>Road reports</td>
</tr>
<tr>
<td>5:58 p.m.</td>
<td>Westminster chimes</td>
</tr>
<tr>
<td>6 to 6:30 p.m.</td>
<td>Parishioners box</td>
</tr>
<tr>
<td>6:30 to 7 p.m.</td>
<td>Around the World with Libby</td>
</tr>
<tr>
<td>7 to 7:30 p.m.</td>
<td>Clicket Club Eskimos, NBC</td>
</tr>
<tr>
<td>7:30 to 8 p.m.</td>
<td>Orchestadians, NBC</td>
</tr>
<tr>
<td>8 to 8:30 p.m.</td>
<td>Radio-Keith-Orpheum, NBC</td>
</tr>
<tr>
<td>8:30 to 8:45 p.m.</td>
<td>Financial Independence</td>
</tr>
<tr>
<td>8:45 to 9:35 p.m.</td>
<td>General Electric Hour, Denver concert orchestra and General Electric male quartet</td>
</tr>
<tr>
<td>9:35 to 10:05 p.m.</td>
<td>KOA Koons in &quot;Thanks for Giving&quot;</td>
</tr>
</tbody>
</table>
### Broadcast Weekly

#### TUESDAY Programs

**243.8 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 to 10 a.m.</td>
<td>Program for Fox and Warfield Theaters</td>
</tr>
<tr>
<td>10 to 10:30 a.m.</td>
<td>Recorded program</td>
</tr>
<tr>
<td>10:30 to 11 a.m.</td>
<td>Oregon City Boys, Clem Kennedy and George Taylor</td>
</tr>
<tr>
<td>11 to 12 noon</td>
<td>California Sunshine Hour</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>Tuesday Noon Club</td>
</tr>
<tr>
<td>1 to 1:30 p.m.</td>
<td>Recordings</td>
</tr>
<tr>
<td>1:30 to 2:30 p.m.</td>
<td>Classical recordings</td>
</tr>
<tr>
<td>2:30 to 4 p.m.</td>
<td>Selected records</td>
</tr>
<tr>
<td>4 to 4:30 p.m.</td>
<td>Santa Claus' Emporium Air Castle</td>
</tr>
<tr>
<td>4:30 to 5 p.m.</td>
<td>Recordings</td>
</tr>
<tr>
<td>5 to 6 p.m.</td>
<td>Saphire Musical Gems</td>
</tr>
<tr>
<td>6 to 6:30 p.m.</td>
<td>Leland Morgan and James Oickle</td>
</tr>
<tr>
<td>6:30 to 7 p.m.</td>
<td>Program for Fox and Warfield Theaters</td>
</tr>
<tr>
<td>7 to 7:15 p.m.</td>
<td>George Taylor</td>
</tr>
<tr>
<td>7:15 to 7:30 p.m.</td>
<td>Pacific Artists' Trio</td>
</tr>
<tr>
<td>7:30 to 7:45 p.m.</td>
<td>Cecil and Sally in the Funniest Things</td>
</tr>
<tr>
<td>7:45 to 8 p.m.</td>
<td>Pacific Artists' Trio, under the direction of Liborius Hauptmann, with Greta Gahler, soprano</td>
</tr>
<tr>
<td>8 to 8:30 p.m.</td>
<td>Hazel Mc丹尼尔斯 and Jimmy Kessel</td>
</tr>
<tr>
<td>8:30 to 9 p.m.</td>
<td>Dorothy Lewis, contralto; Claire Upshur, soprano, and Constance Flipper, pianist</td>
</tr>
<tr>
<td>9 to 10 p.m.</td>
<td>Pacific Artists' Trio; Nellie Wren, soprano</td>
</tr>
<tr>
<td>10 to 11 p.m.</td>
<td>Joe Wright's orchestra</td>
</tr>
<tr>
<td>11 to 12 midnight</td>
<td>Byington Electric program</td>
</tr>
<tr>
<td>12 to 1 a.m.</td>
<td>All request program</td>
</tr>
</tbody>
</table>

**333.1 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 to 7:30 a.m.</td>
<td>Physical culture period</td>
</tr>
<tr>
<td>7:30 to 7:40 a.m.</td>
<td>Stock Exchange reports</td>
</tr>
<tr>
<td>7:40 to 8 a.m.</td>
<td>Recordings</td>
</tr>
<tr>
<td>8 to 9 a.m.</td>
<td>Early Birds to KFRC</td>
</tr>
<tr>
<td>9 to 9:30 a.m.</td>
<td>Breakfast Nook Philosophy</td>
</tr>
<tr>
<td>9:30 to 10 a.m.</td>
<td>Yoeng's Orchestra, CBS</td>
</tr>
<tr>
<td>10 to 10:30 a.m.</td>
<td>Agnes White</td>
</tr>
<tr>
<td>10:30 to 11 a.m.</td>
<td>The Times Mirror</td>
</tr>
<tr>
<td>11 to 11:30 a.m.</td>
<td>Elvia Allman, short stories</td>
</tr>
<tr>
<td>11:30 to 12 noon</td>
<td>Univ. of S. Cal. Trojan period</td>
</tr>
<tr>
<td>12 to 12:30 p.m.</td>
<td>Biltmore Hotel Orchestra</td>
</tr>
<tr>
<td>12:30 to 12:45 p.m.</td>
<td>World-wide News</td>
</tr>
<tr>
<td>12:45 to 1:30 p.m.</td>
<td>Adv. Club luncheon</td>
</tr>
<tr>
<td>1:30 to 2 p.m.</td>
<td>Charlie Wellman, to KFRC</td>
</tr>
<tr>
<td>2 to 3 p.m.</td>
<td>Fada Radio program</td>
</tr>
<tr>
<td>3 to 3:15 p.m.</td>
<td>Safety conference</td>
</tr>
<tr>
<td>3:15 to 3:30 p.m.</td>
<td>Auto Club of So. Calif.</td>
</tr>
<tr>
<td>3:30 to 3:45 p.m.</td>
<td>Midnight Mission</td>
</tr>
<tr>
<td>3:45 to 4 p.m.</td>
<td>Dr. Frank McCoy</td>
</tr>
<tr>
<td>4 to 4:50 p.m.</td>
<td>Matinee Melody Masters</td>
</tr>
<tr>
<td>4:50 to 5 p.m.</td>
<td>World-wide News</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>The Story Man</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>Don Lee Dance Band</td>
</tr>
<tr>
<td>6 to 7 p.m.</td>
<td>Old Col. program, CBS</td>
</tr>
<tr>
<td>7 to 7:30 p.m.</td>
<td>U. S. Rubber Co. program</td>
</tr>
<tr>
<td>7:30 to 8 p.m.</td>
<td>Pelton Motor program</td>
</tr>
<tr>
<td>8 to 9 p.m.</td>
<td>Pacific States Sav. &amp; Loan program</td>
</tr>
<tr>
<td>9 to 9:30 p.m.</td>
<td>Program from KFRC</td>
</tr>
<tr>
<td>9:30 to 10 p.m.</td>
<td>Charles Shepherd's Symphonishers</td>
</tr>
<tr>
<td>10 to 12 midnight</td>
<td>Earl Burtnett's dance orch.</td>
</tr>
<tr>
<td>12 to 1 a.m.</td>
<td>Wesley Tourtellotte, organan</td>
</tr>
</tbody>
</table>

**491.5 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 to 7:30 a.m.</td>
<td>&quot;Simply Fitts&quot;</td>
</tr>
<tr>
<td>7:30 to 8 a.m.</td>
<td>Bill Wright, the &quot;Pathfinder&quot;</td>
</tr>
<tr>
<td>8 to 8:15 a.m.</td>
<td>Early Birds, featuring Don and Mart, &quot;The Two Boys&quot;; Nell Larson and Ed Skrivanik</td>
</tr>
<tr>
<td>9 to 9:30 a.m.</td>
<td>Recordings, R. T. Hughes</td>
</tr>
<tr>
<td>9:30 to 10 a.m.</td>
<td>Yoeng's orchestra, CBS</td>
</tr>
<tr>
<td>10 to 10:30 a.m.</td>
<td>Morning Melodist</td>
</tr>
<tr>
<td>10:30 to 11 a.m.</td>
<td>Wyn's Daily Chats</td>
</tr>
<tr>
<td>11 to 11:30 a.m.</td>
<td>Thirty Minutes of Sunshine and Mellowed Melody for S &amp; W, Charles W. Hamp</td>
</tr>
<tr>
<td>11:30 to 11:45 a.m.</td>
<td>Fels Naptha broadcast</td>
</tr>
<tr>
<td>11:45 to 12 noon</td>
<td>Auditions</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>Sherman &amp; Clay noonday concert</td>
</tr>
<tr>
<td>1 to 1:45 p.m.</td>
<td>Columbia Symphony Orchestra, CBS</td>
</tr>
</tbody>
</table>

**500.0 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:45 to 2 p.m.</td>
<td>Rhythm Kings, CBS</td>
</tr>
<tr>
<td>2 to 3 p.m.</td>
<td>Happy-Go-Lucky Hour</td>
</tr>
<tr>
<td>3 to 3:15 p.m.</td>
<td>Beauty talks</td>
</tr>
<tr>
<td>3:15 to 3:30 p.m.</td>
<td>Recordings</td>
</tr>
<tr>
<td>3:30 to 4 p.m.</td>
<td>Educational period</td>
</tr>
<tr>
<td>4 to 4:30 p.m.</td>
<td>F. W. Davis</td>
</tr>
<tr>
<td>4:30 to 4:35 p.m.</td>
<td>Something About Everything</td>
</tr>
<tr>
<td>4:35 to 4:55 p.m.</td>
<td>News bulletins and lost and found</td>
</tr>
<tr>
<td>4:55 to 5 p.m.</td>
<td>Town topics</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>Children's period, featuring Uncle Harold, Ginger Bread Man, and Story Book Twins</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>Edna Fischer, pianist</td>
</tr>
<tr>
<td>6 to 7 p.m.</td>
<td>Paul Whiteman's Old Gold Orchestra, DLBS</td>
</tr>
<tr>
<td>7 to 7:30 p.m.</td>
<td>U. S. Rubber program, DLBS</td>
</tr>
<tr>
<td>7:30 to 8 p.m.</td>
<td>Remar Twins</td>
</tr>
<tr>
<td>8 to 9 p.m.</td>
<td>Pacific States Savings program</td>
</tr>
<tr>
<td>9 to 10 p.m.</td>
<td>Orchestra and soloists</td>
</tr>
<tr>
<td>10 to 10:10 p.m.</td>
<td>Frank Watanabe</td>
</tr>
<tr>
<td>10:10 to 12:10 a.m.</td>
<td>Val Valente and his Roof Garden Orchestra</td>
</tr>
<tr>
<td>12:10 to 1 a.m.</td>
<td>Dorado Club Silver Fizz dance music</td>
</tr>
</tbody>
</table>

**285.5 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 to 12 midnight</td>
<td>Hotel Ambassador Cocoa nut Grove Orchestra</td>
</tr>
</tbody>
</table>

**260.0 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15 to 8:30 a.m.</td>
<td>Inspirational talk</td>
</tr>
<tr>
<td>8:30 to 9 a.m.</td>
<td>Georgia O. George</td>
</tr>
<tr>
<td>9:30 to 10 a.m.</td>
<td>Radio shopping news</td>
</tr>
<tr>
<td>10 to 10:30 a.m.</td>
<td>Town Crier's message</td>
</tr>
<tr>
<td>10:30 to 11 a.m.</td>
<td>Household Economics</td>
</tr>
<tr>
<td>11 to 11:15 a.m.</td>
<td>So-A-Tone broadcast</td>
</tr>
<tr>
<td>11:15 to 11:45 a.m.</td>
<td>Mrs. David Hugh, speaking</td>
</tr>
</tbody>
</table>

**1050 Kcys.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 to 9 a.m.</td>
<td>Georgia O. George</td>
</tr>
<tr>
<td>9 to 10 a.m.</td>
<td>Radio shopping news</td>
</tr>
<tr>
<td>10 to 10:30 a.m.</td>
<td>Town Crier's message</td>
</tr>
<tr>
<td>10:30 to 11 a.m.</td>
<td>Household Economics</td>
</tr>
<tr>
<td>11 to 11:15 a.m.</td>
<td>So-A-Tone broadcast</td>
</tr>
<tr>
<td>11:15 to 11:45 a.m.</td>
<td>Mrs. David Hugh, speaking</td>
</tr>
</tbody>
</table>

**1000 Watts**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 to 12 midnight</td>
<td>Hotel Ambassador Cocoa nut Grove Orchestra</td>
</tr>
<tr>
<td>12 to 1 a.m.</td>
<td>Recordings</td>
</tr>
</tbody>
</table>
TUESDAY Programs

Broadcast Weekly

340.7 Meters  Channel 88
880 Kcys.  KLX  500 Watts
Tribune Publishing Co., Oakland, Calif.
7 to 8 a.m.—Exercises; 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.—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 3 p.m.—Recordings
3 to 4 p.m.—Marguerite Vogel, contralto; Helen Parmelee, pianist
3:30 to 4 p.m.—Recordings
4 to 4:30 p.m.—The Happy Haysseeds
4:30 to 5 p.m.—Charles T. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, pianist
6 p.m.—Curtain calls
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Studio program
8 to 9 p.m.—Lynn Pryor's dance orchestra
9 to 10 p.m.—Helen Wegman Parmelee, pianist; Fred Bounds, tenor; Nerino Turchet, accordionist, and Howard Peterson, xylophone
10 to 11 p.m.—Fleur-de-Lis dance orchestra

315.6 Meters  Channel 95
950 Kcys.  KFWB  1000 Watts
Warner Brothers, Hollywood, California
9 to 11:15 a.m.—Radio Varieties
11:15 to 12:15 p.m.—KFWB Quintet
12:30 to 2:10 p.m.—Radio Varieties
2:30 to 4 p.m.—Recordings
4:30 to 5 p.m.—Oscar Richards period
5:30 to 6:30 p.m.—Late recordings
6:30 to 7 p.m.—Harry Johnson's entertainers
7 to 7:30 p.m.—Hollywood Athletic Club Orch.
7:30 to 8 p.m.—Murphy Players
8 to 8:30 p.m.—Edward Jardon, tenor; Ray Maciel Creswell, viola duet
8:30 to 9 p.m.—Herbert Heyes Players
9 to 9:30 p.m.—The Edgeworth Plantation Club
9:30 to 10:30 p.m.—Main bout from the Olympic Auditorium
10:30 to 11:30 p.m.—Jimmie Kerr and his orch.

239.9 Meters  Channel 125
1250 Kcys.  KFOX  1000 Watts
Nichols & Warinner, Long Beach, Calif.
12 to 1 p.m.—Hollywood Girls
1 to 3 p.m.—Kiwanis Club luncheon
1:30 to 2 p.m.—Originality Girls
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 5 p.m.—News report; organ recital
5 to 6:30 p.m.—Organ recital, Vera Graham
6:30 to 7:30 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.—Helene Smith, pianist
6:45 to 7:30 p.m.—Dr. William, health specialist
7 to 7:30 p.m.—Three Bluebirds
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 9 p.m.—Long Beach Band
8:30 to 9 p.m.—Cecil Fry, popular songs
9 to 11 p.m.—El Patio Ballroom
11 to 11:30 p.m.—Majestic Ballroom
11:30 to 12 midnight—Silver Slays Ballroom
12 to 1 a.m.—KGFJ, Apex Club

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.—Country Store, Cal King
9:30 to 10 a.m.—Recordings
10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linbarger
10:50 to 11 a.m.—News items
12 to 12:30 p.m.—Recordings
12:30 to 1 p.m.—Gloom Chasers, with Truman Bishop Handy
1 to 1:30 p.m.—Country Store, Cal King
6 to 7 p.m.—Dinner Hour program
11 to 12 midnight—Dance music

483.6 Meters  Channel 62
520 Kcys.  KGW  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.—Meeting of the Portland Breakfast Club
9 to 9:30 a.m.—Health in Refrigeration, NBC
9:30 to 9:45 a.m.—The Town Crier
9:45 to 10 a.m.—Betty Crocker
10 to 10:30 a.m.—Terry Crier, KGW
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 11:45 a.m.—Fels Naptha, KGW
11:45 to 12 noon—Records, KGW
12 to 1 p.m.—Fox Oakland 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, KGW
5 to 5:30 p.m.—Stewart Warner, KGW
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.—Cliquequot Club Eskimos
7:30 to 8 p.m.—Orchestra, NBC
8 to 9 p.m.—Radio-Keith-Orpheum, NBC
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

508.2 Meters  Channel 59
590 Kcys.  KHQ  1000 Watts
Louis Wasmer, Inc., Spokane, Washington
9:45 to 10 a.m.—Gold Medal talks, NBC
10 to 10:15 a.m.—Marmola So-A-’Tone
10:15 to 10:30 a.m.—Sunshine Liberty organ
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 11:45 a.m.—Studio program
11:45 to 12 noon—Farmers' Service Hour
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.—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.—Service Hour, KGW
5 to 5:30 p.m.—Around the World with Libby, NBC
5:30 to 6 p.m.—Dinner Hour program
6 to 7 p.m.—Eveready Hour, NBC
7 to 7:30 p.m.—Cliquequot Club Eskimos
7:30 to 8 p.m.—Orchestra, NBC
8 to 9 p.m.—Radio-Keith-Orpheum, NBC
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
TUESDAY 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
7:10 to 8 a.m.—Burnham H. Hatwick
8 to 9 a.m.—Shell Happy Time by Hugh Barrett
9:30 to 10 a.m.—Dobbs’ Daily Chat
10:30 to 11:30 a.m.—Helpful Hints for Housewives
11:15 p.m.—Musical Musketeers, NBC
10 p.m.—Gold Shield Hour
11 p.m.—KFI News Bureau

468.5 Meters KFI Channel 64
640 Kcys. 5000 Watts
Copyright, 1929, E. C. Anthony, Inc., L. A.
7:30 a.m.—Market quotations
8 a.m.—Shell Happy Time
9 a.m.—Health in Refrigeration, NBC
9:30 a.m.—Bess Klimer’s Helpful Hints
9:45 a.m.—Betty Crocker, NBC
10 a.m.—Bristow & Co., Ltd., Sylvia and Al
10:30 a.m.—Woman’s Magazine of the Air, NBC
12 noon.—Department of Agriculture talks
12:15 p.m.—Market reports
2 p.m.—Triolian Trio
2:15 p.m.—Winnie Moore, Travelogue
2:30 p.m.—“Phenomena”
3:30 p.m.—Leonard Van Berg
3:45 p.m.—Art Schwartz
4 p.m.—Dr. Miller, “Human Nature”
4:30 p.m.—Big Brother
5 p.m.—Leon Rene and his Southern Syncopators
5:30 p.m.—Edwin August, dramatic critic
5:45 p.m.—Stock market reports
6 p.m.—Eveready Hour, NBC
7 p.m.—Clicquot Club Eskimos, NBC
7:30 p.m.—Orchestradians, NBC
8 p.m.—RKO Hour, NBC
9 p.m.—The Parker Family, NBC
9:30 p.m.—L. A. Steamship Co. program
10 p.m.—Spotlight Review, NBC
11 p.m.—KFI News Bureau

296.6 Meters KOW 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 12:30 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.—Farmer’s Exchange
7 to 8 p.m.—Farm Bureau Radio News
8 to 9:30 p.m.—You Never Can Tell Program

280.2 Meters KJBS Channel 107
1070 Kcys. 100 Watts
J. Brunton & Sons, San Francisco, Calif.
6:46 to 8 a.m.—Early Bird Hour
8 to 10:15 a.m.—Popular records
10:15 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.—Bridge Time Half Hour
4:30 to 5 p.m.—Records

291.1 Meters CNRV Channel 1103
1030 Kcys. 500 Watts
Canadian National Rys., Vancouver, B. C.
10:30 a.m.—Morning hour of music
9 p.m.—A pianologue by Winnifred Renworth
8:30 p.m.—Studio program
10 p.m.—The Canadian National Ensemble and the Lyricist of CNRV
11 p.m.—Catherine McEwan, mezzo-contralto; Richard Stanton, tenor; James Todd, pianist
Telegrams That Tell the Story!

Here Is the Set That Did It!

A Radio So Good It Needs No Aerial

Manufactured by
SILVER-MARSHALL, INC., Chicago, Ill.

Distributed by
THE-ELECTRIC CORPORATION

178 Tenth Street, Oakland
145 Ninth Street, San Francisco
**WEDNESDAY Programs**  
**Nov. 13, 1929**

**KLX**  
Channel 88  
500 Watts

**KOIN**  
Channel 94  
1000 Watts

### 340.7 Meters  
880 Kcys.

**Tribune Publishing Co., Oakland, Calif.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Station</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 to 8 a.m.</td>
<td>KLX</td>
<td>Exercises; N. Y. stocks</td>
</tr>
<tr>
<td>8 to 9 a.m.</td>
<td>KLX</td>
<td>Jean Kent</td>
</tr>
<tr>
<td>9 to 9:30 a.m.</td>
<td>KLX</td>
<td>Modern Homes period</td>
</tr>
<tr>
<td>9:30 to 10:50 a.m.</td>
<td>KLX</td>
<td>Records; stocks</td>
</tr>
<tr>
<td>10:50 to 11 a.m.</td>
<td>KLX</td>
<td>Belco talk</td>
</tr>
<tr>
<td>11 to 12 noon</td>
<td>KLX</td>
<td>Classified Adv. hour</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>KLX</td>
<td>Machado's Hawaiians</td>
</tr>
<tr>
<td>1 to 2 p.m.</td>
<td>KLX</td>
<td>Jean's Hi-Lights</td>
</tr>
<tr>
<td>2 to 3 p.m.</td>
<td>KLX</td>
<td>Recordings</td>
</tr>
<tr>
<td>3 to 3:30 p.m.</td>
<td>KLX</td>
<td>Ethel Rhinard, pianist; Cora Scott, contralto</td>
</tr>
<tr>
<td>3:30 to 4 p.m.</td>
<td>KLX</td>
<td>Recordings</td>
</tr>
<tr>
<td>4 to 4:30 p.m.</td>
<td>KLX</td>
<td>The Happy Hayseeds</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>KLX</td>
<td>Brother Bob</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>KLX</td>
<td>Cressy Ferra, pianist</td>
</tr>
<tr>
<td>6 to 7 p.m.</td>
<td>KLX</td>
<td>Hotel Oakland concert trio</td>
</tr>
<tr>
<td>7 to 7:30 p.m.</td>
<td>KLX</td>
<td>News broadcast</td>
</tr>
<tr>
<td>7:30 to 8 p.m.</td>
<td>KLX</td>
<td>Studio program</td>
</tr>
<tr>
<td>8 to 9 p.m.</td>
<td>KLX</td>
<td>Educational hour—world news by Ad Schuster; music talk by Roy Harrison Danforth; book reviews by The Bookworm; Oakland public school talk and piano solos by Helen Parmelee</td>
</tr>
<tr>
<td>9 to 10 p.m.</td>
<td>KLX</td>
<td>Educational Week program by Oakland schools</td>
</tr>
<tr>
<td>10 to 11 p.m.</td>
<td>KLX</td>
<td>Classified Adv. Hour</td>
</tr>
</tbody>
</table>

### 322.4 Meters  
930 Kcys.

**KFWI**  
Channel 93  
500 Watts

**KOIN, Inc., Portland, Oregon**

<table>
<thead>
<tr>
<th>Time</th>
<th>Station</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 to 9 a.m.</td>
<td>KOIN</td>
<td>Household Twins</td>
</tr>
<tr>
<td>9 to 9:30 a.m.</td>
<td>KOIN</td>
<td>Organ recital</td>
</tr>
<tr>
<td>9:30 to 9:50 a.m.</td>
<td>KOIN</td>
<td>Cooking school</td>
</tr>
<tr>
<td>11:45 to 12 noon</td>
<td>KOIN</td>
<td>Vocal program</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>KOIN</td>
<td>Luncheon concert</td>
</tr>
<tr>
<td>1 to 1:30 p.m.</td>
<td>KOIN</td>
<td>Billy's Hawaiians</td>
</tr>
<tr>
<td>1:30 to 2 p.m.</td>
<td>KOIN</td>
<td>Orchestra</td>
</tr>
<tr>
<td>2 to 2:15 p.m.</td>
<td>KOIN</td>
<td>Inspirational speaker</td>
</tr>
<tr>
<td>2:15 to 3 p.m.</td>
<td>KOIN</td>
<td>Orchestra and string ensemble</td>
</tr>
<tr>
<td>3 to 5 p.m.</td>
<td>KOIN</td>
<td>News items and music</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>KOIN</td>
<td>String ensemble</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>KOIN</td>
<td>Orchestra</td>
</tr>
<tr>
<td>6 to 6:30 p.m.</td>
<td>KOIN</td>
<td>Pipe organ</td>
</tr>
<tr>
<td>6:30 to 7 p.m.</td>
<td>KOIN</td>
<td>Popular orchestra</td>
</tr>
<tr>
<td>7 to 7:30 p.m.</td>
<td>KOIN</td>
<td>Kolster-CBS</td>
</tr>
<tr>
<td>7:30 to 8 p.m.</td>
<td>KOIN</td>
<td>Benson Hotel Orchestra</td>
</tr>
<tr>
<td>8 to 8:30 p.m.</td>
<td>KOIN</td>
<td>Orchestra</td>
</tr>
<tr>
<td>8:30 to 9 p.m.</td>
<td>KOIN</td>
<td>String ensemble</td>
</tr>
<tr>
<td>9 to 9:30 p.m.</td>
<td>KOIN</td>
<td>Popular program</td>
</tr>
<tr>
<td>9:30 to 10 p.m.</td>
<td>KOIN</td>
<td>Vocal program</td>
</tr>
<tr>
<td>10 to 11:30 p.m.</td>
<td>KOIN</td>
<td>McElroy's Oregonians</td>
</tr>
</tbody>
</table>

### BEST BETS TODAY

<table>
<thead>
<tr>
<th>TIME</th>
<th>STATION</th>
<th>PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 to 8 a.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>9 to 9:30 a.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>9:30 to 9:50 a.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>11:45 to 12 noon</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>1 to 1:30 p.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>1:30 to 2 p.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>2 to 2:15 p.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>2:15 to 3 p.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>3 to 5 p.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>KOIN</td>
<td></td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>KOIN</td>
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**BEST BETS TODAY**
**Broadcast Weekly**

**WEDNESDAY Programs**

**NBC National Broadcasting Company**

10:15 to 10:30 a.m.—Mary Hale Martin’s Househood Period

A romantic touch is given cooking by Mary Hale Martin, another of whose household talks will be heard today through KGO, KHQ, KOMO, KGW, KFI, KSL and KOA.

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

Merry banter of the Southland will come to auditors when the Oronite comedy is presented during today’s broadcast.

After Magnolia, Mary and Charley have presented their skit there will be a bit of serious discussion by Helen Webster. Speaking on the Easier Housekeeping feature, she will interpret some hints on baking, and for the Fuller period her topic is “Painted Decorations for the Thanksgiving Table.”

Bob Cruise will provide a little southern harmony on his banjo, while Harry Stanton and Eileen Piggott present the bass and soprano solos.

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

11:30 to 12 noon—NBC Philharmonic Organ Recital, KGO.

1 to 1 p.m.—NBC Luncheon Concert, KGO.

3 to 4 p.m.—The Cabin Door

Continuing the dramatized incidents in the lives of a group of colored people somewhere in the South, the humorous sketches are enacted by Phyllis Campbell, Charles McAllister, Harold Peary and Capt. William Royle. Dramatic episodes will be presented by staff artists, including William Powers, Jack Curtis and John and Ned. Broadcast through KGO, KHQ, KOMO and KPO.

4 to 4:30 p.m.—Hotel St. Francis Salon Orchestra, KGO.

4:30 to 5 p.m.—Westinghouse “Salutes”

With the company of 125 people participating in the program, another phase of the industrial life of America will be pictured in music and drama. The 90-piece symphony orchestra conducted by Cesare Sodero, with its 40-voice human choir augmenting the instruments, will be heard in special transcriptions of musical masterworks and in original compositions. Dramatic episodes will be presented by 20 stage stars. Pedro de Cordoba, noted actor, will narrate the story in place of the customary announcer.

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

6 to 6:30 p.m.—Agricultural program, KGO. 6:30 to 7:30 p.m.—Palmolive Hour

“Cabinet of Roses” leads the way for many good things on the Palmolive Hour program. This number will be sung and played by the entire Palmolive ensemble consisting of Olive Palmer, Paul Oliver, the Revelers, and an augmented orchestra. There will also be the “Prelude In G Minor” by Rachmaninoff in a special vocal transcription for the Revelers, and a duet arrangement of “La Paloma” for soprano and contralto and the “Prelude In G Minor” from Wagner’s “Die Meistersinger,” which will entail the services of the entire ensemble.

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

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

Opening with a militant summons and concluding with a brilliant ball scene, Bizet’s suite, “Childhood Scenes,” will be heard in its entirety when Guy Fraser Harrison and the Stromberg-Carlson orchestra play tonight. Broadcast through KGO, KHQ, KOMO, KGW, KFI, KPO and KFI.

8 to 8:30 p.m.—“Roads to Romance”

Starting tonight, this stirring historical program of western life will be presented a half hour tonight by Jack and Ethyl, the Associated Motor Mates, whose dramatization is heard through KGO, KHQ, KOMO, KGW, KFI and KPO.

8:30 to 9 p.m.—Hill Billy Boys

Charles Marshall, Johnny Toffell, Ted Maxwell, Virgil Ward and Johnny O’Brien are five of the specialists in old-time music who will contribute to the program, which will be released through KGO and KHQ.

9 to 9:30 p.m.—Parisian Philharmonic, KGO.

9:30 to 10 p.m.—The Three Boys, KGO.

10 to 11 p.m.—Cotton Blossom Minstrels

The Cotton Blossom Minstrels will continue their black-face fun-making for listeners tonight.

Many old favorite tunes will be revived in this program, which is offered over 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, which will be broadcast through KIQ, KOMO and KPO.

11 to 12 midnight—Ray West’s 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.—Sperry Flour Co., exercises, KPO

7:30 a.m.—Opening market quotations

7:45 a.m.—Sperry Flour Co., exercises

8 a.m.—Shell Happy Time

9 a.m.—Bess Kilmer’s Hints to Housewives

9:30 a.m.—Sylvia’s Happy Hour

10:15 a.m.—Mary Hale Martin, NBC

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

11:30 a.m.—Mental Exercises, Francis Hancock

12 noon—Dept. of Agriculture talks

1 to 2 p.m.—“Phenomena”

2:30 p.m.—“A Monday in May”

2:45 p.m.—“The Little Spinning Girls”

3:15 p.m.—“Merry Banter of the Southland”

3:30 p.m.—“Roads to Romance”

4:30 p.m.—“Painted Decorations for the Thanksgiving Table.”

5 to 6 p.m.—Wm. Don, comedian

6:30 p.m.—“Roads to Romance”

7 to 8 p.m.—“Roads to Romance”

8 to 8:30 p.m.—“Roads to Romance”

8:45 p.m.—“Painted Decorations for the Thanksgiving Table.”

9 to 10 p.m.—“Roads to Romance”

9:15 p.m.—“A Monday in May”

9:30 p.m.—“The Romance of Gems”

10 to 11 p.m.—“Roads to Romance”

11 to 12 midnight—Musical Musketeers

Walter Beban directs the Musketeers in their capricious selections. Specialty numbers complete the hour, which will be broadcast through KIQ, KOMO and KPO.

11 to 12 midnight—Ray West’s Hotel St. Francis Dance Orchestra, KGO.

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

Radio Service Corp., Salt Lake City, Utah

5 p.m.—Jack Summerhays, Utah tenor

6 p.m.—Program of Yule carols

6:30 p.m.—Palmolive Hour, NBC

7 to 8 p.m.—“Roads to Romance”

8 to 8:30 p.m.—“Roads to Romance”

8:30 p.m.—“The Romance of Gems”

9 p.m.—The Sunfreze Ensemble

9:30 p.m.—“Roads to Romance”

10 p.m.—Program by electrical transcription

11 p.m.—Cotton Blossom Minstrels, NBC
**Broadcast Weekly**

### WEDNESDAY Programs

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<th>Time</th>
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<td>9:30 to 10 p.m.</td>
<td>KNX feature artists</td>
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<td>8:30 to 9 p.m.</td>
<td>Navigator Hour</td>
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<td>7:30 to 8 p.m.</td>
<td>Bert Butterworth's &quot;Airdales&quot;</td>
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<td>7:00 to 8 p.m.</td>
<td>Frank Moss</td>
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<td>6:46 to 6 p.m.</td>
<td>Comments and announcements</td>
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<td>6 to 7 p.m.</td>
<td>Organ program</td>
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<td>5:15 to 5:46 p.m.</td>
<td>&quot;Own Your Own Home&quot;</td>
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<td>5 to 5:15 p.m.</td>
<td>Travelogue</td>
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<td>4:30 to 5 p.m.</td>
<td>The Story Man</td>
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<td>4 to 4:50 p.m.</td>
<td>Recordings</td>
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<td>3:30 to 4 p.m.</td>
<td>News bulletins and lost and found news</td>
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<td>2 to 3 p.m.</td>
<td>Happy-Go-Lucky Hour</td>
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<td>1:30 to 2 p.m.</td>
<td>Charlie Wellman, DLBS</td>
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<td>12 to 12:30 p.m.</td>
<td>World-wide News</td>
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<td>11:45 to 12:05 p.m.</td>
<td>Scripture, weather and announcements</td>
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<td>12:05 to 1 p.m.</td>
<td>Debate, U.C. vs. University, and Aeolian Trio</td>
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**Hale Bros. & The Chronicle, San Francisco**

- 7 to 8 a.m. — Health exercises by Hugh Barrett Dobbs and William H. Hancock
- 8 a.m. — Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock
- 9:30 to 10 a.m. — Dobbsie’s Daily Chat
- 10 to 10:30 a.m. — Helpful Hints for Housewives
- 10:30 to 11:30 a.m. — Woman’s Magazine of the Air, NBC

**Canadian National Rys., Vancouver, B.C.**

- 10:30 a.m. — Morning hour of music
- 10 a.m. — Duke Kamiki and his Hawaiians; Arthur Tetley, accordion; Zoe Higginson, blues singer

### 291.1 Meters

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**Canadian National Rys., Vancouver, B.C.**

- 10:30 a.m. — Morning hour of music
- 10 a.m. — Duke Kamiki and his Hawaiians; Arthur Tetley, accordion; Zoe Higginson, blues singer

### 333.1 Meters

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Don Lee, Inc., Los Angeles, California

- 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

**Canadian National Rys., Vancouver, B.C.**

- 10:30 a.m. — Morning hour of music
- 10 a.m. — Duke Kamiki and his Hawaiians; Arthur Tetley, accordion; Zoe Higginson, blues singer
**WEDNESDAY**

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

9 to 9:30 a.m.—Morning request recorded program
9:30 to 10 a.m.—Program for Fox and Warfield Theaters
10 a.m.—F. Pm.—Recorded program
11 to 12 noon—California Sunshine Hour, conducted by George Taylor
12 to 1 p.m.—Popular recordings
1:30 to 2:30 p.m.—Classical recordings
3:30 to 4 p.m.—Selected recordings
4 to 4:30 p.m.—Santa Claus’ Emporium Air Castle
4:30 to 4:45 p.m.—Recordings
4:45 to 5:45 p.m.—Sapphire Musical Gems
5:45 to 6 p.m.—Talk on Crime Prevention
6 to 6:30 p.m.—Sidley Co. program
6:30 to 7 p.m.—Program for Fox and Warfield Theaters
7 to 7:15 p.m.—George Taylor
7:15 to 7:50 p.m.—Constance Piper and Mary Atkinson
7:30 to 7:40 p.m.—Cecil and Sally in the Funniest Things
7:40 to 8:30 p.m.—Pacific Artists’ Trio; Mary Atkinson, soprano
8:30 to 9 p.m.—George Taylor, Constance Piper, and Little Miss Muffet
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.—Joe Wright’s orchestra
11 to 12 midnight—Byington Electric program
12 to 1 a.m.—All request program

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

6:57 a.m.—Inspirational services
7 a.m.—Morning Mercury with Sperry, KPO
8 a.m.—Shell Happy Time, KPO
9 a.m.—Health exercises
9:15 a.m.—Theater organ recital
10 a.m.—Fels Naphtha Auditone broadcast
10:15 a.m.—Mary Hale Martin Hour, NBC
10:30 a.m.—Women’s Magazine of the Air, NBC
11 a.m.—Sp-A-Tone broadcast
11:45 a.m.—Mary Blake recipe talk
12 noon—Orchestra; Dorothea Wei, contralto
12:15 p.m.—“What to Prepare for Dinner”
12:30 p.m.—Orchestra; G. Donald Gray, baritone
1 p.m.—Pacific Vagabonds, NBC
2 p.m.—Orchestra; Greenwood Mitchell, baritone
3 p.m.—Cabin Door, 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.—“Fireside Favorites” by vocal ensemble
5:30 p.m.—Artistic Ensemble
5:45 p.m.—Palmolive Hour, NBC
7:30 p.m.—Stromberg-Carlson program, NBC
8 p.m.—Roads to Romance, NBC
8:45 p.m.—Ann, Bush & Weldon Co. program
9:45 p.m.— scaleX
9:15 p.m.—News flashes
9:30 p.m.—Veedol Blond Hour
10 p.m.—Veedol Blond Hour
11 p.m.—Musical Musketees, NBC
12 midnight—Organ recital

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

7 to 8 a.m.—Rastus and Sambo, the Eyeopeners
8 to 9 a.m.—Recordings
8:30 to 9 a.m.—Dr. Forrester
9 to 9:30 a.m.—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.—Recordings
2 to 3 p.m.—Organ recital
3 to 3:45 p.m.—Melody Masters
3:45 to 4 p.m.—Leah Kimball’s Book Review
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.—Recordings
8 to 9 p.m.—Organ recital
9 to 10 p.m.—Melody Masters
10 to 11 p.m.—Dance orchestra; Sally Harrison and Herb Schubert
11 to 12 midnight—Night Owls, with the Three Doctors of the Blues
12 to 1 a.m.—Slumber Chaser

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

4:30 to 5 p.m.—Westinghouse Electric Hour, NBC
5 to 5:30 p.m.—Mobil Oil Orchestra, NBC
5:30 to 6 p.m.—Extension Service
6 to 6:30 p.m.—Ipana Troubadours, NBC
6:30 to 7:30 p.m.—Palmolive Hour, NBC
7:30 to 8:30 p.m.—Stromberg-Carlson, NBC
8 to 8:15 p.m.—Amos ‘n’ Andy, NBC
8:15 to 8:45 p.m.—Vassar Chocolates Girl
8:45 to 9 p.m.—Billiken Shoemakers
9 to 10 p.m.—Concert orchestra and Everett E. Foster, baritone
10 to 11 p.m.—Cotton Blossom Minstrels, NBC

**508.2 Meters**  
**KHO Channel 59**  
**590 Kcys.**  
**Louis Wasm er, Inc., Spokane, Washington**

7 to 8 a.m.—Morning exercise, KPO
8 to 9 a.m.—Shell Happy Time
9 to 9:30 a.m.—Musical Bazaar
9:30 to 9:45 a.m.—Sunshine program
9:45 to 10 a.m.—Fitch program
10 to 10:15 a.m.—Merbol’s So-A-Tone
10:15 to 10:30 a.m.—Mary Hale Martin, NBC
10:30 to 11 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.—Pur Pacts
3 to 4 p.m.—Cabin Door, NBC
4 to 4:30 p.m.—To be announced
4:30 to 5 p.m.—Westinghouse Salute, NBC
5 to 5:30 p.m.—Westinghouse Electric Hour, NBC
5:30 to 6 p.m.—Temple Tones
6 to 6:30 p.m.—Dutch Dough Boys
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 Blond Hour, NWT
10 to 11 p.m.—Cotton Blossom Minstrels, NBC
11 to 12 midnight—Musical Musketees, NBC
Wednesdays Programs

379.5 Meters KGO Channel 79
790 Kcys., 10,000 Watts
General Electric Co., Oakland, California
10:15 to 10:30 a.m.—Mary Hale Martin Hour
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.—Long Beach Municipal Band
12:30 to 1 p.m.—Market report, weather
1 to 1:30 p.m.—Helpful Hour
1:30 to 2 p.m.—Originality Girls
2 to 2:30 p.m.—Health talk; records
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 5:30 p.m.—News report; organ recital
5:30 to 6 p.m.—Hollywood Girls, novelty trio
6 to 6:05 p.m.—Lost and Found Department
6:05 to 6:30 p.m.—Sunset Harmony Boys
6:30 to 7 p.m.—Studio orchestra
7 to 7:30 p.m.—Hollywood Girls
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 9 p.m.—Hancock Golden Trails Hour
9 to 10 p.m.—Jimmie Kerr's orchestra
10 to 11 p.m.—Fights from Wilmington
11:15 to 12 midnight—Silver Spray Orchestra
12 to 1 a.m.—KGFJ, Apex Club

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.—Watsonville program
11:45 to 12:30 p.m.—Carl's Hawaiians
12:30 to 1 p.m.—Market report, 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 to 6:10 p.m.—U. S. A. Farm Flashes
6:10 to 6:30 p.m.—Crop Digest
6:30 to 6:45 p.m.—Market, weather report
6:45 to 6:55 p.m.—Farmer's Exchange
6:55 to 7 p.m.—First Baptist Church
8 to 9 p.m.—First Baptist Church

483.6 Meters KGW Channel 62
620 Kcys., 1000 Watts
The Morning Oregonian, Portland, Oregon
7 to 8 a.m.—"Be 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 10:15 a.m.—Town Crier
10:15 to 10:30 a.m.—Libby, McNell & Libby, NBC
10:30 to 11:10 a.m.—Woman's Magazine of the Air, NBC
11:10 to 12 noon—Records, KGW
12 to 1 p.m.—Hollywood organ
1 to 1:15 p.m.—U. S. market report
1 to 3 p.m.—Musical entertainment
3 to 4 p.m.—Studio program
4 to 4:30 p.m.—Stewart Warner, KGW
4:30 to 5 p.m.—Westinghouse "Salutes," NBC
5 to 6 p.m.—"Franz Children's Hour
6 to 6:15 p.m.—Traffic talk; "Capt. Ervin"
6:15 to 6:30 p.m.—Studio concert, KGW
6:30 to 7:30 p.m.—Palomivo program, NBC
7:30 to 8 p.m.—Stromberg-Carlson, NBC
8 to 8:30 p.m.—Radio Variety
8:30 to 9 p.m.—The "4" Davidson Bakers, KGW
9 to 9:10 p.m.—Brunswick Hour
9:10 to 10 p.m.—Veedol Vodvil, KOMO
10 to 11 p.m.—Flasher Concert Orchestra
11 to 12 midnight—Dance band

239.9 Meters KFOX Channel 125
1250 Kcys., 1000 Watts
Nichols & Warinner, Long Beach, Calif.
5 to 7 a.m.—Remote control, KGFJ
7 to 7:30 a.m.—Hello Everybody
7:30 to 8 a.m.—Early news items
8 to 8:30 a.m.—Records
8:30 to 9 p.m.—Novelty program; beauty talk
10 to 11 a.m.—Organ recital
11 to 11:30 a.m.—Beauty talk; orchestra
11:30 to 12 noon—Orchestra; news
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 2:30 p.m.—Health talk; records
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 Municipal Band
4 to 5:30 p.m.—News report; organ recital
5:30 to 6 p.m.—Hollywood Girls, novelty trio
6 to 6:05 p.m.—Lost and Found Department
6:05 to 6:30 p.m.—Sunset Harmony Boys
6:30 to 7 p.m.—Studio orchestra
7 to 7:30 p.m.—Hollywood Girls
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 9 p.m.—Hancock Golden Trails Hour
9 to 10:30 p.m.—Clarke, Patience Troubador
10:30 to 11:15 p.m.—Fights from Wilmington
11:15 to 12 midnight—Silver Spray Orchestra
12 to 1 a.m.—KGFJ, Apex Club

322.4 Meters KFWM Channel 93
930 Kcys., 500 Watts
Oakland Educational Society, Oakland, Cal.
Details not available.

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.—Recorded program
9:30 to 10 a.m.—Andy Anderson, pianist
10 to 10:30 a.m.—Recorded program
10:30 to 11 a.m.—Cressy Ferra, pianist
11 to 12 noon—Instrumental recordings
12 to 12:30 p.m.—Stock report
12:30 to 1:45 p.m.—Recorded program
1:45 to 2 p.m.—Dr. Wiseman, health talk
2 to 3 p.m.—Concert music
3 to 3:30 p.m.—Art Padden, pianist
3:30 to 4 p.m.—Organ music
4 to 5 p.m.—Recorded program

315.6 Meters KFWB Channel 95
950 Kcys., 1000 Watts
Warner Brothers, Hollywood, California
8 to 10 a.m.—The Breakfast Club
10 to 10:30 a.m.—Prudence Penny
10:30 to 11:45 a.m.—Radio Varieties
11:45 to 12:15 p.m.—KFWB Quintet
12:15 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
2:10 to 5:30 p.m.—Late recordings
5:30 to 7 p.m.—Harry Jackson's entertainers
7 to 7:30 p.m.—507 Boys
7:30 to 8 p.m.—Julius Johnston, organist
8 to 9 p.m.—Don Warner's dance orchestra; Ann Grey and Buster Dees, soloists
9 to 10 p.m.—Ray Martinez and his concert orchestra; Vernon Rickard, tenor; Emma Kimmel, soprano
10 to 11 p.m.—George Olsen's orchestra
11 to 12 midnight—Jimmie Kerr's orchestra
WINS "MIKE" LAURELS IN FOOTBALL

KOMO'S football announcer for the 1929 football season is George Guttormson, entering his third season of football announcing over KOMO. The majority of Pacific Northwest radio listeners have evinced their satisfaction with George's announcing and many are willing to hand George the palm as all-coast football announcer, and a few more rabid enthusiasts insist that he is even all-American.

It is doubtful if there are any football announcers in the country that know football any more intimately than George Guttormson.

In high school he was a member of the famous Everett High School team that defeated East Technical High of Cleveland, Ohio, for the unofficial national high school championship. For years he was a member of the University of Washington squad and quarter back of the University of Washington's 1925 Coast championship team, and his last year, in 1926, he was captain of the University of Washington team. Following this he was field general for the 1926 West team in the annual East-West game. His team won by a score of 7 to 3. In his last year of college he was honored by being elected president of the student body of the University of Washington.

George's peculiar characteristic in football announcing is that he does not try to copy Graham McNamee. He is interested in football and follows the game only as a man that has played it well. When George says, in describing a game, "I think they are going to punt," it means that the team is in a situation where a good field general would call for a punt. His description of plays is superlatively accurate and appeals particularly to the real "dyed in the wool" football fan. He has the happy knack of taking his listeners down onto the field instead of being sideline spectators.

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THURSDAY Programs
Nov. 14, 1929

Elbert Bellows
KPO—12:05 p.m.
The Olympians
KGO—7 p.m.
Billy Page
NBC—9 p.m.

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 Theaters
10 to 11 a.m.—Recordings
11 to 12 noon—California Sunshine Hour
12 to 1:30 p.m.—Popular recordings
1:30 to 2:15 p.m.—Classical recordings
2:15 to 4:30 p.m.—Mission vs. Commerce football from Kezar for Lloyd K. Hillman
4:30 to 5 p.m.—Santa Claus' Emporium Air Castle
5 to 6 p.m.—Saphire Musical Gems
6 to 6:30 p.m.—Sidley Co., program
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.—Melvin and Leo and Tom
7:30 to 7:45 p.m.—Cecil and Sally in the Funniest Things
7:45 to 8:30 p.m.—Pacific Artists' Trio; Nellie Wren, soprano
8:30 to 9 p.m.—Daphne Day, Constance Piper, Little Miss Muffet and Yvonne Peterson
9 to 10 p.m.—Pacific Artists' Trio; George Nickson, tenor
10 to 11 p.m.—Dance recordings
11 to 12 midnight—Byington Electric program
12 to 1 a.m.—All request program

285.5 Meters
KNX Channel 105
1050 Kcys.
5000 Watts

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

1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3:30 to 4 p.m.—French lessons by Edgard Leon
4 p.m.—Announcements; stock market 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.—Itchimata and Sratchimoto
8 to 8:30 p.m.—Rebroadcast of KFWB
8:30 to 9 p.m.—KNX feature artists
9 to 9:30 p.m.—Courtesy program
9:30 to 10 p.m.—KNX feature artists
10 to 12 midnight—Hotel Ambassador Cocoanut Grove Orchestra
12 to 1 a.m.—Recordings

468.5 Meters
KFI Channel 64
640 Kcys.
5000 Watts

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7:30 a.m.—Opening market quotations
8 a.m.—Shell Happy Time
9 a.m.—Sadye Nathan, beauty talks
9:15 a.m.—Bristow & Company, Ltd., Sylvia & Al
9:45 a.m.—Betty Crocker, NBC
10 a.m.—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
2 p.m.—Triolian Trio
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
7 p.m.—Halsey Stuart program, NBC
7:30 p.m.—Standard Symphony, NBC
8:30 p.m.—Studio program
9 p.m.—North Amer. Bldg. and Loan
10:30 p.m.—Green Room, NBC
11 p.m.—KFI News Bureau

BEST BETS TODAY

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Broadcast Weekly
THURSDAY Programs

**NBC National Broadcasting Company**

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

“Dath Buns,” is Betty’s striking topic for today. “It’s something delicious” is the only description offered.

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

10 to 11 a.m.—“Woman’s Magazine of the Air”

“California, Here I Come” introduces the Home Catsup Feature which will be heard first when the “Woman’s Magazine of the Air” is broadcast.

Ann Holden will devote her talk to the kiddies, reading recipes for warm soups. Afterward, she will be heard in “Jewelry for Luncheon” during the Rubytte Feature.

Sara Treat will continue the “Romance of Margery” and the violin virtuoso, Don Amalzo, will offer the Amalzo recital which completes the Magazine program.

Marian Gilbert, contralto, and John Teel, baritone, are today’s singers.

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

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

Troubadours and meistersingers, poets-singers who influenced the course of musical development centuries ago, will be the subject for the two Standard School broadcasts this morning. Both lessons will include illustrations by the Arlon Trio. Discussions of the second violin, the viola and the double bass will conclude these music appreciation lectures.

Details of the broadcasts are prepared by Arthur S. Garbett.

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

11:45 to 12 noon—Philharmonic Organ Recital

KGO.

12 to 1 p.m.—Luncheon Concert, KGO.

3 to 4 p.m.—House of Myths

“The Twelve Tasks of Hercules” will be the ancient story to be broadcast in a dramatized version for NBC System auditors. A cast of National Players will participate in the presentation, which will be a half hour in length. The balance of the 60-minute broadcast will be devoted to musical offerings by Lucile Kirtley, soprano; Margaret O’Dea, contralto, and the Linden Trio.

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

4 to 5 p.m.—Hotel St. Francis Salon Orchestra, KGO.

5 to 6 p.m.—Fleischmann Sunshine Hour

Rudy Vallee and his Connecticut Yankees, Marcella Shields and Graham McNamee, will be heard by a nation-wide audience through KGO, KHQ, KOMO, KGW and KPO.

6 to 6:30 p.m.—Seiberling Singers

Seiberling Singers, a male quartet, will open the half hour concert with a “Doughboys Medley.” James Melton, tenor, will follow with “Ich Liebe Dich,” one of the loveliest of Grieg’s vocal compositions. A second soloist will be Wilfred Glenn, basso.

Friml’s “Chansonette” will be the Singing Violins’ contribution to the broadcast, which closes with “Just You, Just Me,” sung by the quartet.

Frank Black will direct the program.

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

6:30 to 7 p.m.—Stansilas Bern’s Little Symphony, KGO.

7 to 7:30 p.m.—Halsey, Stuart Program

Harry H. Culver, president of the National Association of Real Estate Boards, will be the guest speaker. "Recent Tendencies in Real Estate Financing" will be Culver’s topic.

A musical program by the Halsey, Stuart orchestra will be directed by Andy Sannella.

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

7 to 7:30 p.m.—The Olympians, KGO.

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

Musical masterpieces of German composers will predominate on the Standard Symphony Hour program which the Los Angeles Philharmonic Orchestra, conducted by Artur Rodzinski, will broadcast tonight.

The second program to be presented exclusively for radio audiences by the Los Angeles musicians, will begin with Weber’s immortal overture to his unsuccessful opera, "Euryanthe." Several important themes in the opera are woven into the overture, which is richly orchestrated and highly poetic in conception.

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

8:30 to 9 p.m.—The Cosmopolitans, KGO, KGW, KHQ and KOA.

9 to 9:30 p.m.—Memory Lane

Goshen Center, mythical but typical of the mid-western cities 30 years ago, is the scene of "Memory Lane." Well into its third year, this dramalogue gives the radio audience a series of intimate glimpses into the life of the "home folk" of those days. "Ma" Smithers, the town’s social leader, is Eileen Piggott, who has played this role since the inaugural "Memory Lane" performance. Others in Billy Page’s supporting cast are Richard Le Grand as "Pa" Smithers, Olive West and George Rand.

H. C. Connette, NBC staff writer, is the author of the "Memory Lane" series, which will be broadcast through KGO and KGW.

9:30 to 10 p.m.—Plano Pictures, KGO.

10 to 10:30 p.m.—Funtastic Echo Chamber

Judge Chandler will be the host to his southern friends at another party. Music intersperses the dialogue during this half hour, which is presented by a cast including Ethel Wakefield, Phyllis Campbell, Harold Peary, Clarence Hayes, Bobbe Deane, Georgia Simmons and Charles McAllister.

Broadcast through KGO.

10:30 to 11 p.m.—NBC Green Room

With Austin Mosher, baritone, and Lucile Kirtley, soprano, assisted by Eimer Crowhurst, organist, the NBC Green Room will be broadcast through KGO and KFI.

11 to 12 midnight—Musical Musketeers

Dance tunes by the Musical Musketeers, directed by Walter Gehrman, will be broadcast tonight through KGO, KHQ and KPO; KOMO from 11:15 to 12 o’clock.

361.2 Meters

**KOA Channel 83**

830 Kcys.

12,500 Watts

**General Electric Co., Denver, Colorado**

5 to 6 p.m.—Fleischmann Sunshine Hour, NBC.

6 to 6:30 p.m.—Seiberling Singers, NBC.

6 to 6:30 p.m.—Halsey Stuart, NBC.

7:30 to 8 p.m.—Victor talking machine, NBC.

8 to 8:15 p.m.—Amos ‘n’ Andy, NBC.

8:15 to 8:30 p.m.—Ralph Hansell, xylophonist.

9 to 9:30 p.m.—The Cosmopolitans, NBC.
THURSDAY 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.—Sheila, Happy Time by Hugh Barrett Dobbs and William H. Hancock
9:30 to 10 a.m.—Dobbie’s Daily Chat
10 a.m.—Bank of America of Calif.
10 to 11 a.m.—Woman’s Magazine of the Air, NBC
11 to 11:45 a.m.—Standard School Broadcast, NBC
11:45 to 12:05 p.m.—Time, Scripture, weather and announcements
12:05 to 12:30 p.m.—Elbert Bellows, tenor, and Emilie McCormick, pianist
12:30 to 1:30 p.m.—Shrine luncheon broadcast
1:30 to 2 p.m.—Jerry Jermaine
2 to 2:30 p.m.—Helpful Hints to Housewives, with Aeolian Trio
2:30 to 3 p.m.—Aeolian Trio, Ye Towne Cryer
3 to 4 p.m.—House of Myths, NBC
4 to 5 p.m.—Children’s Hour
5 to 6 p.m.—Fleischman Hour, NBC
6 to 7 p.m.—KPO Salon Orchestra
7 to 7:30 p.m.—Halsey Stuart, NBC
7:30 to 8 p.m.—Studio program
8 to 8:30 p.m.—Caswell Musical Episode
8:30 to 9:30 p.m.—Studio program
9:30 to 10 p.m.—Nathan Abas violin recital
10 to 10:30 p.m.—Rev. Ethel Duncan
10:30 to 11 p.m.—El Patio Ballroom
11 to 11:30 p.m.—Majestic Ballroom
11:30 to 12 midnight—Silver Spray Orchestra
12 to 1 a.m.—KGFJ, Apex Club

291.1 Meters CNRV Channel 103 1030 Kcys. 500 Watts
Canadian National Rys., Vancouver, B. C.
10:30 a.m.—Morning hour of music
10 p.m.—Calvin Winter's Salon Orchestra and Janice Bridgman, contralto

239.9 Meters KFOX Channel 125 1250 Kcys. 1000 Watts
Nichols & Warinner, Long Beach, Calif.
5 to 7 a.m.—Remote Control KGFJ
7 to 7:30 a.m.—Hello Everybody
7:30 to 8:30 a.m.—Recorda news items
8:30 to 10 a.m.—Novelty program; beauty talk
10 to 11 a.m.—Organ recital
11 to 11:30 a.m.—Orchestra; beauty talk
11:30 to 12 noon—Studio orchestra; news
12 to 1 p.m.—Johnny Girls
1 to 1:15 p.m.—Health and Efficiency
1 to 2:30 p.m.—Records; health talk
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 5:30 p.m.—News report; 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 7 p.m.—Eva, Ed and Doris, popular songs
7 to 7:30 p.m.—Studio orchestra
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 9 p.m.—Motor Tires quartet
9 to 10:45 p.m.—El Patio Orchestra
10 to 10:30 p.m.—Rev. Ethel Duncan
10:30 to 11 p.m.—El Patio Ballroom
11 to 11:30 p.m.—Majestic Ballroom
11:30 to 12 midnight—Silver Spray Orchestra
12 to 1 a.m.—KGFJ, Apex Club

491.5 Meters KFRC Channel 61 610 Kcys. 1000 Watts
Don Lee, Inc., San Francisco, California
7 to 8 a.m.—"Simply Flite"; N. Y. stocks
8 to 8:30 a.m.—Bill Wright, the “Pathfinder”
8:30 to 9 a.m.—Recordings
9 to 9:30 a.m.—Columbia Noon Day Club
9:30 to 10 a.m.—Yoeng’s Orchestra, DLBS
10 to 10:30 a.m.—Morning Melodists
10:30 to 11 a.m.—Wyn’s Daily Chats
11 to 11:30 a.m.—Thirty Minutes of Sunshine by Charles W. Hamp
11:30 to 12 noon—Maytag broadcast
1 to 1 p.m.—Sherman Clay noon day concert
1 to 1:30 p.m.—Leigh Harline, DLBS
1:30 to 2 p.m.—Musical Albums, CBS
2 to 3 p.m.—Happy-Go-Lucky Hour
3 to 3:15 p.m.—Talk on Popular Psychology, DLBS
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 4:55 p.m.—Recordings
4:55 to 5 p.m.—Town Topics
5 to 5:30 p.m.—Story Man and His Air Castle, DLBS
5:30 to 6 p.m.—Hank Howe and his music, DLBS
6 to 6:30 p.m.—Edna Fisher, pianist
6:30 to 7 p.m.—Walter Krausgrill El Patio Orchestra
7 to 7:30 p.m.—Eskimo Pie program
7:30 to 8 p.m.—National Forum from Washington, D. C., CBS
8 to 9 p.m.—Orchestra and soloists, DLBS
9 to 9:30 p.m.—Veedol Vodvl, DLBS
9:30 to 10 p.m.—Brem-Tully program
10 to 10:10 p.m.—Frank Watanabe
10:10 to 11:10 p.m.—Valentine and his Roof
11 to 12:30 p.m.—Henson Orchestra
11:30 to 12:10 a.m.—Anson Week’s Hotel Mark Hopkins Orchestra
12:10 to 1 a.m.—Dorado Club Silver Fizz dance music

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.—Don Lee, Inc., program
8 to 9 a.m.—Early Birds, to KFRC
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
10:30 to 11 a.m.—The Times Mirror
11 to 11:30 a.m.—Patterns in Prints, CBS
11:30 to 11:45 a.m.—Jackson Bell Radio Sales program
11:45 to 12 noon—Recordings
12 to 12:30 p.m.—Bellmore Hotel Orch.
12:30 to 12:45 p.m.—World-wide News
12:45 to 1:30 p.m.—Leigh Harline, organ recital
1 to 2 p.m.—Charlie Weisman
2 to 3 p.m.—Fada Radio program
3 to 3:15 p.m.—Talk on Books
3:15 to 3:30 p.m.—Police Com. Thorpe
3:30 to 3:45 p.m.—Talk on Dogs
3:45 to 4 p.m.—Dr. Philip M. Lovell
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—Earl Burnett’s dance orchestra
12 to 1 a.m.—Wesley Tourtellotte, organist
THURSDAY Programs

340.7 Meters
880 Kcs.
Tribune Publishing Co., Oakland, Calif.
7 to 8 a.m.—Exercises; N. Y. stocks
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10 a.m.—Health questions
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 KXL Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
3 to 3:30 p.m.—Helen Parmelee, pianist
3:30 to 4 p.m.—Recordings
4 to 4:30 p.m.—The Happy Hayseeds
4:30 to 5 p.m.—Charles T. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressey 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.—Studio program
8 to 8:30 p.m.—Lorelai Trio
8:30 to 9 p.m.—Edgar Russell, Melody Man
9 to 9:30 p.m.—Gospel hymns—M. J. Goodman, tenor, and Helen Wegman Parmelee, accompanist

265.3 Meters
1130 Kcys.
Radio Service Corp., Salt Lake City, Utah
5 p.m.—Fleischmann program, NBC
6 p.m.—Male quartet and assisting artists
7 p.m.—Halsey Stuart, NBC
7:30 p.m.—Victor Radio program, NBC
8 p.m.—Amos 'n Andy, NBC
8:15 p.m.—Studio program
8:30 p.m.—Kylectroneers, NBC
9 p.m.—Musical program
9:30 p.m.—Blue Blaze Miners
10 p.m.—Snappy Syncopations

508.2 Meters
590 Kcs.
Louis Wasmer, Inc., Spokane, Washington
7 to 7:30 a.m.—Peppy Morning Exercises
7 to 8 a.m.—Model Musical Knock
8 to 9 a.m.—Shell Happy Time, NBC
9 to 9:30 a.m.—Musical Bazaar
9:45 to 10:45 a.m.—Sunshine program
10 to 11 a.m.—Gold Medal program, NBC
10 to 11 a.m.—Magazine of the Air, NBC
11 to 11:45 a.m.—Standard School Broadcast, NBC
11:45 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 2 p.m.—Musical Bus
2 to 3 p.m.—Washington Home Service
3 to 4 p.m.—House of Myths, NBC
4 to 5 p.m.—Concert orchestra
5 to 6 p.m.—Fleischmann Sunshine Hour, NBC
6 to 6:30 p.m.—Selberling Singers, NBC
6:30 to 7 p.m.—Allis Chalmers
7 to 7:30 p.m.—Halsey Stuart program, NBC
7:30 to 8:30 p.m.—Standard Symphony Hour, NBC
8:30 to 9 p.m.—The Cosmopolitans, NBC
9 to 10 p.m.—Crescent Old Time Band, KOMO
10 to 11 p.m.—Associated Brass Band, KOMO
11 to 12 midnight—Musical Musketeers, NBC

535.4 Meters
560 Kcys.
Pickwick Broadcasting Co., Oakland
7 to 8 a.m.—The Eye Openers
8 to 9 a.m.—Recordings
8:30 to 9 a.m.—Morning prayer service
9:30 to 10 a.m.—Dr. J. Douglas Thompson
10 to 10:30 a.m.—Recordings
10:30 to 11 a.m.—Dr. B. L. Corley
11 to 12 noon—Barney Lowe's Tabloid of the Air
12 to 1 p.m.—Sterling Cosmopolitans
1 to 1:30 p.m.—Chapel of the Chimes
3 to 4 p.m.—Organ recital
4 to 5 p.m.—Home Towing
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.—Walter J. Rudolph. piano recital
8 to 8:30 p.m.—Pickwick Stage Boys
8:30 to 9 p.m.—Purser Pleasure Hour
9 to 9:30 p.m.—Cocanuts program with dance orchestra, Lovey Wolfe, Herb Scharlin, Carl Tobin, Sally Harrison, Jane Sands, Dorothy Nichols
11 to 12 midnight—Night Owls with Pickwickians dance orchestra and soloists
12 to 1 a.m.—Slumber Chaser

296.6 Meters
1010 Kcys.
First Baptist Church, San Jose, Calif.
10 to 10:30 a.m.—Helpful Hour
11 to 11:15 a.m.—Monterey Peninsula program
11:45 to 1 p.m.—Carl's Hawaiians; market reports
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 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 Evening Radio News
8 to 8:30 p.m.—Songs of the Old Church Choir

325.9 Meters
920 Kcys.
KQW
Channel 92
Fisher's Blend Station, Seattle, Washington
7:57 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9:15 a.m.—Orchestra; Agnes Skartvedt and Rhena Marshall
9:45 a.m.—Betty Crocker's talk, NBC
10 a.m.—Women's Magazine of the Air, NBC
11 a.m.—Standard School Broadcast, NBC
11:45 a.m.—Barbara Gould Auditone broadcast
12 noon—Farm talk
12:15 p.m.—"What to Prepare for Dinner"
12:30 p.m.—Orchestra; Dorothea Wei, contralto
1 p.m.—Studio program
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.—Selberling Singers, NBC
6:30 p.m.—"Singing Strings," directed by Kola Levlenne
7 p.m.—Halsey Stuart program, NBC
7:30 p.m.—Standard Symphony Hour, NBC
8 p.m.—Studio program
9 p.m.—Crescent Old Time Band
10 p.m.—Assoc. Oil Football Hour
11 p.m.—Marmola So -A -Tone broadcast
11:15 p.m.—Musical Musketeers, NBC
12 to 12:30 a.m.—Organ recital

Broadcast Weekly
THURSDAY Programs

379.5 Meters  KGO  Channel 79
790 Kcys.  10,000 Watts
General Electric Co., Oakland, California
9:45 to 10 a.m.—Betty Crocker Gold Medal Home Service Talk
10 to 11 a.m.—Woman's Magazine of the Air
11 to 11:45 a.m.—Standard School broadcast
11:45 to 12 noon—Philharmonic-Organ
12 to 1 p.m.—Luncheon concert
3 to 4 p.m.—House of Myths
4 to 5 p.m.—Edward J. Fitzpatrick and his Hotel St. Francis Salon Orchestra, S. F.
5 to 6 p.m.—Fleischmann Sunshine Hour
6 to 6:30 p.m.—Seiberling Singers
6:30 to 7 p.m.—Stanislas Bem's Little Symphony, Hotel Whitemb. S. F.
7 to 7:30 p.m.—The Olympians
7:30 to 8:30 p.m.—Standard Symphony Hour
8:30 to 9 p.m.—The Cosmopolitans
9 to 9:30 p.m.—Memory Lane
9:30 to 10 p.m.—Piano Pictures
10 to 10:30 p.m.—Plantation Echoes
10:30 to 11 p.m.—NBC Green Room
11 to 12 midnight—Musketeers

232.6 Meters  KDYL  Channel 129
1290 Kcys.  1000 Watts
Intermountain Broad. Corp., Salt Lake City
5 p.m.—Dinner Hour Varieties
6 p.m.—Program featuring "The Western Baritone"
6:30 p.m.—KDYL feature artists
7 p.m.—Studio Time
7:30 p.m.—National Forum from Washington, CBS
8 p.m.—The Dream Boat, CBS
8:30 p.m.—Hotel Paramount Orchestra
9 p.m.—Musical Parade
9:30 p.m.—Semi-classical program
10 p.m.—Dance music

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 Hour
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, KGW
12:30 to 1:30 p.m.—Hollywood orchestra, KGW
1:30 to 1:45 p.m.—Market news
1:45 to 2 p.m.—Business talk, U. S. Dept. of Commerce
2 to 3 p.m.—Musical entertainment
3 to 4 p.m.—House of Myths, NBC
4 to 4:30 p.m.—Stewart Warner, KGW
4:30 to 5 p.m.—Service Hour, KGW
5 to 6 p.m.—Fleischmann, NBC
6 to 6:30 p.m.—Seiberling Singers, NBC
6:30 to 7 p.m.—Optometry talk, KGW
7 to 7:30 p.m.—Halsey Stuart, 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

322.4 Meters  KFWI  Channel 93
930 Kcys.  500 Watts
Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Health exercises
10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linsberger
10:50 to 11 a.m.—News items
12 to 12:30 p.m.—Recordings
12:30 to 1 p.m.—Lone program—Elgin Doane, Truman B. Handy
1 to 1:30 p.m.—Cal King's Country Store
6 to 7 p.m.—Dinner Hour program
11 to 12 midnight—Dance music

315.6 Meters  KFWB  Channel 95
950 Kcys.  1000 Watts
Warner Brothers, Hollywood, California
9 to 11:15 a.m.—Radio Varieties
11:15 to 12:15 p.m.—KFWB Quintet
12:30 to 2:10 p.m.—Radio Varieties
4:15 to 6 p.m.—Radio Varieties
6:20 to 6:30 p.m.—Late recordings
6:30 to 7 p.m.—Harry Jackson's entertainers
7 to 7:30 p.m.—Hollywood Athletic Club Orch.
7:30 to 7:45 p.m.—Piano concert
7:45 to 8 p.m.—Sports talk
8 to 8:30 p.m.—The Lyric Entertainers
8:30 to 9 p.m.—Program by Bert Butterworth
9 to 9:30 p.m.—Ninth episode of the mystery serial "Who Killed the Caretaker"
9:30 to 10 p.m.—Hollywood string quintet
Edward Jordon, tenor
10 to 10:30 p.m.—George Olsen's orchestra
10:30 to 11:30 p.m.—Jimmie Kerr's orchestra

319 Meters  KOIN  Channel 94
940 Kcys.  1000 Watts
KOIN, Inc., Portland, Oregon
12 to 1 p.m.—Luncheon concert
1 to 1:30 p.m.—Billy's Hawaiians
1:30 to 2 p.m.—Orchestra
2 to 2:15 p.m.—Inspirational speaker
2:15 to 3 p.m.—Orchestra and string ensemble
3 to 3:45 p.m.—News items and music
4 to 5:30 p.m.—String ensemble
5:30 to 6 p.m.—Orchestra
6 to 7 p.m.—Dinner concert
7 to 7:30 p.m.—Benson Hotel Orchestra
7:30 to 8:30 p.m.—Studio program
8:30 to 9 p.m.—Peppe Pam and the Englishman
9 to 10 p.m.—Popular orchestra
10 to 10:30 p.m.—Studio program
10:30 to 11 p.m.—Orchestra
11 to 12 midnight—Warner Stone's orchestra

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.—Helpful Hints to Housewives
10 to 11:45 a.m.—Popular records
11:45 to 12 noon—Agnes Alwyn, Investments
12 to 12:35 p.m.—Stock report
12:35 to 1 p.m.—Variety programs
2 to 2:30 p.m.—Dell Raymond and Harry Miles
2:30 to 3 p.m.—Popular records
3 to 3:30 p.m.—Strings program
3:30 to 4:45 p.m.—Records

BROADCAST WEEKLY devotes more space to station programs than any magazine or newspaper in the United States.
The most perfect detector made—that's why SPEED 227's cost more for us to make, but not for you to buy. Burn-out proof! Fast heating—5 seconds flat (not by words—but by test!)

THE SPEED Tube line is, of course, complete*. But these are the "Big Three" now—the ones you're interested in particularly, because they're the ones your customers want. Carry the quality 227's, 224's, 245's,—SPEED—and your tube business is assured.

The SPEED proposition demands the consideration of every wide-awake jobber and dealer as a matter of good business. Work fast—write at once—franchises are going fast.


Representatives

Speed Sales Co. Monarch Sales Co. Arthur S. Detsch Arthur S. Detsch
FRIDAY Programs

Nov. 15, 1929

340.7 Meters
880 Kcys.
Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises; N. Y. stocks
8 to 9 a.m.—Jean Kent
9 to 9:45 a.m.—Modern Homes period
9:45 to 10:15 a.m.—Recordings
10:15 to 10:30 a.m.—S. F. stocks; weather
10:30 to 10:50 a.m.—Recordings
10:50 to 11:10 a.m.—Belco talk
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 3 p.m.—Recordings
3 to 3:30 p.m.—Ethel Rhinard, pianist; Cora Scott, contralto
3:30 to 4 p.m.—Recordings
4 to 4:30 p.m.—The Happy Hayseeds
4:30 to 5 p.m.—Charles T. Beserher, organist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Studio program
8 to 9 p.m.—Hi-Jinks, Machado’s Hawaiians; Helen Wegman Parmelee, pianist; M. J. Goodman, tenor; Fred Bounds, tenor; Amati quartet; Howard Peterson, xylophonist; Margaret Vogel, contralto; lost and found; piano duo; Bill Simmons and Laam brothers; Jean Scott, lady baritone
10 to 11 p.m.—Fleur de Lys Orchestra

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

6:45 to 8 a.m.—Early Bird Hour
8 to 9 a.m.—Popular recordings
9 to 9:30 a.m.—HelpfulHints to Housewives
9:30 to 10 a.m.—Andy Anderson, pianist
10 to 10:45 a.m.—Records
10:45 to 11 a.m.—Dr. Wiseman, health talk
11 to 12 noon—Recorded program
12 to 12:05 p.m.—Stock report
12:05 to 2 p.m.—Variety records
2 to 2:30 p.m.—Art Lorenz and Lucille Gordon
2:30 to 3 p.m.—Records
3 to 4 p.m.—Bridge Hour records
4 to 4:30 p.m.—Red Seal records
4:30 to 5 p.m.—Popular records

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

10 to 10:15 a.m.—Du Barry Radio Talk
10:15 to 10:30 a.m.—Recitalists
11:30 to 12 noon—Philarmonic organ recital
12 to 12:30 p.m.—Luncheon concert
1 to 2 p.m.—Pacific Feature Hour
3:30 to 4 p.m.—What’s Happening in the World, John D. Barry
4 to 4:45 p.m.—Edward J. Fitzpatrick and his Hotel St. Francis Salon Orchestra
5 to 6 p.m.—Cities Service concert
6 to 6:30 p.m.—Interwoven Pair
6:30 to 7 p.m.—Philo’s Theater Memories
7 to 7:30 p.m.—Armstrong Quakers
7:30 to 8 p.m.—Armour Hour
8 to 9 p.m.—RCA University of the Air
9 to 9:30 p.m.—Borden Milk 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

BEST BETS TODAY

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FRIDAY Programs

NBC National Broadcasting Company

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

Doris Hale will tell her feminine auditors why contours of the face sag. She will explain methods of forming contours and will also discuss carriage and posture.

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

10:15 to 10:30 p.m.—The Recitalists, KGO.

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

A tempting substitute for meat dishes will be described for the audiences of NBC System stations when Ann Holden speaks today. Hot dishes of velveeta will be Miss Holden's suggestion during the Kraft Feature and later she will discuss "Different Cream Soups" for the Alpine 20 minutes. The genial M. J. B. chef promises to suggest a delicious dessert for the kiddies' party and refreshments for their mothers.

Myron Nlesley, tenor; William Powers, southern tenor, and Bennie Walker, in comedy numbers, are today's singers.

Broadcast through KGO, KGW, KPO and KFI; KHQ and KOMO from 10:30 to 11:10.

11:30 to 12 noon—Phiharmonic Organ Recital, KGO.

12 to 1 p.m.—Luncheon Concert, KGO.

1 to 2 p.m.—Pacific Feature Hour

Opening with the overture to "The Barber of Seville," the Pacific Feature Hour will bring a group of operatic gems to the nation-wide audience through KGO and KOMO.

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

Pertinent news events, some of which have been suggested by members of the radio audience, will be discussed by John D. Barry. This editorial feature will be broadcast by KGO, KGW and KOMO.

4 to 4:45 p.m.—Hotel St. Francis Salon Orchestra, KGO.

5 to 6 p.m.—Cities Service Concert

Frank Banta, pianist, and John Seagle, tenor, will be the featured artists during this hour broadcast. Banta and Mario Bourdon will conduct the Cities Service Concert Orchestra in a wide variety of selections, ranging from a "Gigue" from Henry K. Hadley's Suite Ancienne to Bourbon's Arrangement of White's "I'se Gwine Back to Dixie" for quartet and orchestra.

The Cavaliers will be heard in the old favorite, "On the Banks of the Wabash." The broadcast through KGO, KHQ, KOMO and KGW.

5 to 6:30 p.m.—Interwoven Pair

Billy Jones and Ernie Hare are the two fun-makers who are heard with an orchestra under Victor Herbert's "Mlle. Modiste" as the microphone production of this favorite light opera is continued. When the imaginary curtain is drawn for the nation-wide audience, the first scene of the second act will be offered, with Colin O'More co-starring with Miss Dragone. "Mlle. Modiste" was first presented in New York in 1910. Fritzle Scheff sang the leading role of Fifi. She is now appearing in a revival of the light opera in New York. Harry Sanford will conduct the orchestra.

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

6:30 to 7 p.m.—Armstrong Quakers

Lois Bennett, soprano; Mary Hopple, contralto; a male quartet under Victor Arden and his Armstrong Quakers will entertain for the nation-wide audience this evening through KGO, KHQ, KOMO, KGW and KFI.

7 to 7:30 p.m.—Armstrong Quakers

The 30-piece orchestra conducted by Joseph Koestner, a chorus of 18 singers, Fred Waldner, tenor, and a male trio will participate in this half hour of popular and semi-classic music from the NBC Chicago studios.

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

8 to 9 p.m.—RCA Hour

Enacting another dramologue in the series of "Great Moments of History," members of the National Players will provide an important part of the broadcast. Perceiving the historical dharma, a group of selections from light operas will be presented with Harold Spaulding, tenor, singing "On Billows Floating," from Planquette's "Chimes of Normandy." Max Dolin will direct the orchestra.

Margaret O'Dea, contralto, will be heard during the final period of the hour in "Con Nan-Netu le Payer dans mon Chapeau," solo from Thomas 'opera, "Mignon." Other operatic numbers by the orchestra complete the program.

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

9 to 9:30 p.m.—Borden Program

A musical program presented by the Borden Blends and Whities under the direction of the Horrison baton and by the Borden Quartet will be heard through KGO, KHQ, KOMO, KGW, KPO, KFI, KSL and KOA.

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

A quartet of musicians will appear before the microphone tonight. Uncle Hiram and Barnacle Bill are two others who will assist Frank, Sandy, Sally and Jack in the presentation of this half hour program through KGO, KHQ, KOMO, KGW, KPO, KFI, KSL and KOA.

10 to 10:30 p.m.—"In the Parlor"

Social life as it was in the up-town flat district of any large city at the end of the last century is depicted in song and dialogue during this production, which has for its setting the parlor of Mr. and Mrs. Sylvester Updike. Two selected solos, one for violin and another for soprano, will intersperse the listener in the melodic program offered by the Nomads. Two selected solos, one for violin and another for soprano, will intersperse the ensemble offerings. The soloists will be Cesare Lilen and Lucile Kirlsey. Broadcast through KGO, KHQ and KOA.

10:30 o 11 p.m.—"The Nomads"

Rest after the turmoil of the day is assured listeners in the melodic program offered by the Nomads. Two selected solos, one for violin and another for soprano, will intersperse the ensemble offerings. The soloists will be Cesare Lilen and Lucile Kirlsey.

Broadcast through KHQ, KOMO and KOA.

11 to 12 midnight—Musical Musketeers

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

Broadcast through KHQ, KOMO and KFI.

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

491.5 Meters
KFRC
Don Lee, Inc., San Francisco, California

7 to 8 a.m.—“Simpy Fitts”; N. Y. stocks
8 to 8:30 a.m.—Bill Wright, the “Pathfinder”
8:30 to 9 a.m.—Recordings
9:30 to 10 a.m.—Voices’ Orchestra, CBS
10 to 11 a.m.—Wyn’s Daily Chats
11 to 11:30 a.m.—Mary Lewis Halnes
11:30 to 11:45 a.m.—Radio broadcast
11:45 to 12 noon—Auditions
12 to 1 p.m.—Sherman & Clay concert
1 to 1:30 p.m.—Leigh Harline, DLRS
1:30 to 2 p.m.—Paul Carson, organist
2 to 2:30 p.m.—Happy-Go-Lucky Hour
2:30 to 3 p.m.—Musical record program
3:30 to 3:35 p.m.—Announcements
3:35 to 4 p.m.—News bulletins, lost and found
4 to 4:30 p.m.—Matinee Melody Masters
4:30 to 5 p.m.—Recordings
4:55 to 5 p.m.—Town Topics
5 to 5:30 p.m.—Story Man and His Air Castle, DLBS
5:30 to 6 p.m.—Hank Howe and his music, DLBS
6 to 6:15 p.m.—Organ recital from KFH
6:15 to 6:30 p.m.—Nunn Busch Shoe Company program
6:30 to 7 p.m.—Thirty Minutes of Sunshine by Charles W. Hamp
7 to 7:30 p.m.—Stanley’s 25 Club
7:30 to 8 p.m.—Anna Kristina
8 to 8:30 p.m.—Philco Hour, NBC
9 to 9:30 p.m.—Borden’s Dairy, NBC
9:30 to 10 p.m.—Borden’s Milk Co., NBC
10 to 10:30 p.m.—Pickwickians
10 to 11 p.m.—Anson Weeks’ Hotel Mark Hopkins Orchestra
11 to 12 midnight—Val Valente and his Roof Garden Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance music

239.9 Meters
KFOX
Nichols & Warinner, Long Beach, Calif.

5 to 7 a.m.—Remote Control KGFJ
7 to 7:30 a.m.—Hello Everybody
8 to 8:30 a.m.—Records; news items
8:30 to 9 a.m.—Novelty program
9 to 10 a.m.—Novelties; beauty talk
10 to 11 a.m.—Organ recital
11 to 11:30 a.m.—Studio program
11:30 to 12 noon—Early news report
12 noon to 1 p.m.—Hollywood Girls
1 to 1:30 p.m.—Masonic luncheon
1:30 to 2 p.m.—Originality Girls
2 to 2:30 p.m.—Records; health talk
2:30 to 3 p.m.—Long Beach Municipal Band
3 to 4 p.m.—Long Beach Municipal Band
3:30 to 4 p.m.—Long Beach Municipal Band
4 to 5 p.m.—News report; organ recital
5 to 6 p.m.—Hollywood Girls
6 to 6:15 p.m.—Lost and Found Department
6:15 to 6:30 p.m.—Hollywood Girls, novelty trio
6:30 to 7 p.m.—Studio Frolic
7 to 7:30 p.m.—Novelty vocal and instrumental trio
7:30 to 8 p.m.—Buster Wilson’s orchestra
8 to 9 p.m.—Eva, Doris, Hal, Helene and Cecil
9 to 9:45 p.m.—Undersea Roof Ballroom
9:45 to 10 p.m.—Patrol Ballroom Orchestra
11 to 11:30 p.m.—Majorie Ballroom Orchestra
11:30 to 12 midnight—Silver Spray Ballroom
12 to 1 a.m.—KGFJ, Apex Club

535.4 Meters
KTB
Pickwick Broadcasting Co., Oakland

7 to 8 a.m.—The Eye Openers
8 to 8:30 a.m.—Recordings
8:30 to 9 a.m.—Dr. Forrester
9 to 9:30 a.m.—Morning prayer service
9:30 to 10:30 a.m.—Recordings
10:30 to 11 a.m.—Dr. Forrester
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 Chats
2 to 2:30 p.m.—Restful Hour
2:30 to 3 p.m.—Organ recital
3 to 4 p.m.—Dance orchestra; Dorothy Nichols, cellist
4 to 5 p.m.—Home Towners
5 to 6 p.m.—Brother Bob’s Frollic 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.—Organ recital
8:30 to 9 p.m.—Mystery play
9 to 10 p.m.—Melody Masters and the Dreamers
10 to 11 p.m.—Dance Orchestra with Sally Harrison and Herb Scharlin
11 to 12 midnight—Night Owls with the Three Doctors of the Blues
12 to 1 a.m.—Slumber Chasers

361.2 Meters
KOAL

General Electric Co., Denver, Colorado
6 to 6:15 p.m.—Cities Service Orchestra and Cavaliers, NBC
6:15 to 7 p.m.—Philipo Hour, 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.—Amos ‘n’ Andy, NBC
8:30 to 9 p.m.—Kuner-Empsen Co.
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

483.6 Meters
KGD

The Morning Oregonian, Portland, Oregon
7 to 8 a.m.—Be Merry with Sperry, KPO
8 to 9 a.m.—Shell Happy Time
9 to 9:30 a.m.—P. O. Wariner, KDQ
9:30 to 10 a.m.—Oregonian Cooking School
10:30 to 11 a.m.—The Town Crier
10:15 to 10:30 a.m.—Town Crier
10:30 to 11:30 a.m.—Magazine of the Air
11:30 to 12 noon—Ghirardelli, KGW
12 noon to 1 p.m.—City Club of Portland
1 to 1:30 p.m.—Chapel of the Chimes
1:30 to 2 p.m.—Fanchon’s Style Chats
2 to 2:30 p.m.—Restful Hour
2:30 to 3 p.m.—Organ recital
3 to 4 p.m.—What’s Happening in the World
4 to 5 p.m.—Armstrong Quakers, NBC
4:30 to 5 p.m.—Service Hour, KGW
5 to 6 p.m.—Cities Service Service Center, NBC
6 to 6:15 p.m.—Armstrong Quakers, NBC
6 to 6:45 p.m.—Kuner-Empsen Co.
6:15 to 6:45 p.m.—Bob Reid, KDQ
7 to 7:30 p.m.—Armstrong Quakers, NBC
7:30 to 8 p.m.—Armour program, NBC
8 to 8:30 p.m.—Kuner-Empsen Co.
8:30 to 9 p.m.—Records
9 to 10 p.m.—Records
10 to 10:30 p.m.—In the Parlor, NBC
10:30 to 11 p.m.—The Nomads, NBC
FRIDAY Programs

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

7 to 8 a.m.—Health exercises by Hugh Barrett
Dobbs and William H. Hancock
8 to 9 a.m.—The Shell Happy Time by Hugh
Barrett Dobbs and William H. Hancock
9:30 to 10 a.m.—Dobbie’s Daily Chat
10 to 10:15 a.m.—Du Barry program, NBC
10:30 to 11:30 a.m.—Woman’s Magazine of the
Rhena Marshall, NBC
11:45 to 12:05 p.m.—Time, Scripture, weather
and announcements
12:05 to 12:45 p.m.—Saul Sief 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 2:30 p.m.—Helpful Hints; Aeolian Trio
2:30 to 3 p.m.—Aeolian Trio; stock quotations
3 to 4 p.m.—Studio Hour
4 to 4:30 p.m.—Theodore Strong, organ recital
4:30 to 4:45 p.m.—Bank of Amer. of Calif.
4:45 to 5 p.m.—Studio program
5 to 5:50 p.m.—Children’s Hour
5:50 to 6 p.m.—News digest, “Scotty” Mortland
6 to 6:30 p.m.—Interwoven Pair, NBC
6:30 to 7 p.m.—Philo’s Theatre Memories, NBC
7 to 7:30 p.m.—Studio Hour
7:30 to 8 p.m.—Armour Hour, NBC
8 to 9 p.m.—RCA Hour, NBC
9 to 9:30 p.m.—“Borden Milk Program,” NBC
9:30 to 10 p.m.—Union Service Station Four,
NBC
10 to 11 p.m.—Jesse Stafford’s Palace Hotel
and Wilbur Dance Orchestra
11 to 12 midnight—Musical Musketeers, NBC

325.9 Meters KOMO
Channel 92
920 Kcys.
Fishier’s Blend Station, Seattle, Washington

6:57 a.m.—Inspirational services
7 p.m.—Making Merry with Sperry
8 a.m.—Shell Happy Time
9 a.m.—Y. M. C. A. health exercises
9:15 a.m.—Organ recital
10 a.m.—Du Barry talk, NBC
10:30 a.m.—Woman’s Magazine of the Air, NBC
11:10 a.m.—Rhena Marshall and Fred Lynch
11:45 a.m.—Mary Blake recipe talk
12 noon—N. W. dairymen and poultrymen
12:15 p.m.—“What to Prepare for Dinner”
12:30 p.m.—Orchestra with Rhena Marshall
1 p.m.—Pacific Feature Hour, NBC
2 p.m.—Orchestra; Greenwood Mitchell and G. Donald Gray
3:30 p.m.—What’s Happening in the World
4 p.m.—Mining stock quotations
4:15 p.m.—Studio program
4:30 p.m.—Stock, bond and grain quotations
4:45 p.m.—Studio program
5 p.m.—Cities Service Co., NBC
6 p.m.—Interwoven Pair, NBC
6:30 p.m.—Philo’s Theatre Memories, NBC
7 p.m.—Armstrong Quakers, NBC
7:30 p.m.—Universe Service Station Four,
NBC
7:45 p.m.—“Borden Milk Program,” NBC
8 to 9 p.m.—RCA Hour, NBC
9:15 to 9:45 p.m.—Recordings
9:45 to 10 a.m.—Dr. Paul J. Dorosh
10 to 10:30 a.m.—A. White, "At Our House"
10:30 to 11 a.m.—The Times Mirror
11 to 11:15 a.m.—Recordings
11:15 to 11:30 a.m.—Spanish lesson
11:30 to 12 noon—U. S. C. “Trojan” period
12 to 12:30 p.m.—Biltmore Hotel Concert Orch.
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:30 p.m.—Leigh Harline, organ recital
1:30 to 2 p.m.—Charlie Wellman
2 to 3 p.m.—Fada Radio program
3 to 3:15 p.m.—Shakespearean readings
3:15 to 3:30 p.m.—Herszog’s school program
3:30 to 4 p.m.—Council of Int. Relations
4 to 4:50 p.m.—“Surprise Package”
4:50 to 5 p.m.—World-wide News
5 to 5:30 p.m.—The Armour Hour
5:30 to 6 p.m.—Dance band
6 to 7 p.m.—Organ recital, with singers
7 to 7:30 p.m.—Pelton Motor program
7:30 to 8 p.m.—Desert Program
8 to 9 p.m.—Don Lee Symphony
9 to 9:30 p.m.—Union Service Station Four,
NBC
10 to 10:05 p.m.—World-wide news
10:05 to 12 midnight—Biltmore Hotel dance orch.
12 to 1 a.m.—W. Tourtelotte, organist

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

7 a.m.—Sperry Flour Co., exercises, KPO
7:30 a.m.—Opening market quotations
7:45 a.m.—Morning exercises from KPO
8 a.m.—Shell Happy Time
9 a.m.—Rex Kilmer’s 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—Agriculture talks
12:15 p.m.—Market reports
12:25 p.m.—Franklin L. Graves, talk
2:15 p.m.—Winnie Moore, Travelogue
2:30 p.m.—“Phenomena”
3:30 p.m.—Grace Miller, “English Lesson”
4 p.m.—E. H. Rust, nurseryman
4:30 p.m.—Big Brother
5:30 p.m.—Edwin August, critic
5:45 p.m.—Stock market reports
6 p.m.—Interwoven Pair, NBC
6:30 p.m.—Philo’s Theatre Memories, NBC
7 p.m.—Armstrong Quakers, NBC
7:30 p.m.—Armour & Co., NBC
8 p.m.—RCA Hour, NBC
9 p.m.—Borden Milk program, NBC
9:30 p.m.—Union Service Station Four,
NBC
10 p.m.—Packard-Concert Orchestra
11 p.m.—KFI News Bureau

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

5 a.m.—Cities Service, NBC
6 p.m.—Interwoven Pair, NBC
6:30 p.m.—Philo’s Hour, NBC
7 p.m.—Armstrong Quakers, NBC
8 p.m.—Amos ‘n’ Andy, NBC
8:15 p.m.—Brunswick recording artists
8:45 p.m.—Informal program
9 p.m.—Borden program, NBC
9:30 p.m.—Studio program
9:45 p.m.—Houseboat Roundup
10 p.m.—Rainier Campfire

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.—Organ recital
8 to 9 a.m.—“Alarm Clock,” to KFRC
9 to 9:15 a.m.—Marjorie Fisher, pianist
9:15 to 9:45 a.m.—Recordings
9:45 to 10 a.m.—Dr. Paul J. Dorosh
10 to 10:30 a.m.—A. White, “At Our House”
10:30 to 11 a.m.—The Times Mirror
11 to 11:15 a.m.—Recordings
11:15 to 11:30 a.m.—Spanish lesson
11:30 to 12 noon—U. S. C. “Trojan” period
12 to 12:30 p.m.—Biltmore Hotel Concert Orch.
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:30 p.m.—Leigh Harline, organ recital
1:30 to 2 p.m.—Charlie Wellman
2 to 3 p.m.—Fada Radio program
3 to 3:15 p.m.—Shakespearean readings
3:15 to 3:30 p.m.—Herszog’s school program
3:30 to 4 p.m.—Council of Int. Relations
4 to 4:50 p.m.—“Surprise Package”
4:50 to 5 p.m.—World-wide News
5 to 5:30 p.m.—The Armour Hour
5:30 to 6 p.m.—Dance band
6 to 7 p.m.—Organ recital, with singers
7 to 7:30 p.m.—Pelton Motor program
7:30 to 8 p.m.—Desert Program
8 to 9 p.m.—Don Lee Symphony
9:15 to 9:45 p.m.—Recordings
10 to 10:05 p.m.—World-wide news
10:05 to 12 midnight—Biltmore Hotel dance orch.
12 to 1 a.m.—W. Tourtelotte, organist
<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9 to 9:30 a.m.</td>
<td>Morning request program</td>
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<tr>
<td>9:30 to 10 a.m.</td>
<td>Program for Fox and Warfield</td>
</tr>
<tr>
<td>10 to 10:30 a.m.</td>
<td>Recorded program</td>
</tr>
<tr>
<td>10:30 to 11 a.m.</td>
<td>George Olsen and his music</td>
</tr>
<tr>
<td>11 to 12 noon</td>
<td>California Sunshine Hour, conducted by George Taylor</td>
</tr>
<tr>
<td>12 to 1:30 p.m.</td>
<td>Popular recordings</td>
</tr>
<tr>
<td>1:30 to 2:15 p.m.</td>
<td>Classical recordings</td>
</tr>
<tr>
<td>2:15 to 3:30 p.m.</td>
<td>Santa Claus’ Emporium Air Castle</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>Drama of Toyland</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>Sapphire Musical Gems</td>
</tr>
<tr>
<td>6 to 6:30 p.m.</td>
<td>Sidley Company program</td>
</tr>
<tr>
<td>6:30 to 7 p.m.</td>
<td>Program for Fox and Warfield</td>
</tr>
<tr>
<td>7 to 7:15 p.m.</td>
<td>George Taylor</td>
</tr>
<tr>
<td>7:15 to 7:30 p.m.</td>
<td>Constance Piper and Mary Atkinson</td>
</tr>
<tr>
<td>7:30 to 7:40 p.m.</td>
<td>Cecilia and Sally in the Funniest Things</td>
</tr>
<tr>
<td>7:40 to 8 p.m.</td>
<td>Pacific Artists’ Trio, Liborius Hauptmann, director, George Nickson, tenor</td>
</tr>
<tr>
<td>8 to 8:30 p.m.</td>
<td>Hazel McDaniels and Jimmy Kessel</td>
</tr>
<tr>
<td>8:30 to 9 p.m.</td>
<td>Dorothy Lewis, contralto; Claire F. Wren, soprano, and Constance Piper, pianist</td>
</tr>
<tr>
<td>9 to 9:50 p.m.</td>
<td>Pacific Artists’ Trio, with Nellie Wren, soprano</td>
</tr>
<tr>
<td>9:50 to 10 p.m.</td>
<td>Metro and Cosmo, the Politian Brothers</td>
</tr>
<tr>
<td>10 to 11 p.m.</td>
<td>Joe Wright’s orchestra</td>
</tr>
<tr>
<td>11 to 12 midnight</td>
<td>All request program</td>
</tr>
</tbody>
</table>

**FRIDAY Programs**

**243.8 Meters**

<table>
<thead>
<tr>
<th>Station</th>
<th>Power</th>
<th>Frequency</th>
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<tbody>
<tr>
<td>KYA</td>
<td>1000 Watts</td>
<td>1230 Kcys.</td>
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</table>

Pacific Broadcasting Corp., San Francisco

9 to 9:30 a.m.—Morning request 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.—George Olsen and his music
11 to 12 noon—California Sunshine Hour, conducted by George Taylor
12 to 1:30 p.m.—Popular recordings
1:30 to 2:15 p.m.—Classical recordings
2:15 to 3:30 p.m.—Santa Claus’ Emporium Air Castle
5 to 5:30 p.m.—Drama of Toyland
5:30 to 6 p.m.—Sapphire Musical Gems
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
7:15 to 7:30 p.m.—Constance Piper and Mary Atkinson
7:30 to 7:40 p.m.—Cecilia and Sally in the Funniest Things
7:40 to 8 p.m.—Pacific Artists’ Trio, Liborius Hauptmann, director, George Nickson, tenor
8 to 8:30 p.m.—Hazel McDaniels and Jimmy Kessel
8:30 to 9 p.m.—Dorothy Lewis, contralto; Claire F. Wren, soprano, and Constance Piper, pianist
9 to 9:50 p.m.—Pacific Artists’ Trio, with Nellie Wren, soprano
9:50 to 10 p.m.—Metro and Cosmo, the Politian Brothers
10 to 11 p.m.—Joe Wright’s orchestra
11 to 12 midnight—Byington Electric program
12 to 1 a.m.—All request program

**508.2 Meters**

<table>
<thead>
<tr>
<th>Station</th>
<th>Power</th>
<th>Frequency</th>
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<tbody>
<tr>
<td>KHQ</td>
<td>1000 Watts</td>
<td>590 Kcys.</td>
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</table>

Louis Wasmer, Inc., Spokane, Washington

7 to 8 a.m.—Making Merry with Sperry, KPO
8 to 9 a.m.—Shell Happy Time, KPO
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 Radio Talk
10:15 to 10:30 a.m.—Sunshine program
10:30 to 11:10 a.m.—Woman’s 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
1 to 1:30 p.m.—Crosley Musical Review
1:30 to 1:45 p.m.—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.—Theological 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 concert, 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.—The Hooligans, NBC
9 to 9:30 p.m.—Borden Milk, NBC
9:30 to 10 p.m.—Service Station Four, NBC
10 to 10:30 p.m.—“In the Parlor,” NBC
10:30 to 11 p.m.—The Nomads, NBC
11 to 12 midnight—Musical Musketiers, NBC
Anson Weeks and His Hotel Mark Hopkins Orchestra
KFRC—10:10 p.m.

322.4 Meters  KFWI  Channel 93  500 Watts
Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Health exercises
9 to 9:30 a.m.—Country Store, Cal King
9:30 to 10 a.m.—Recordings; announcements
10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linebarger
10:50 to 11 a.m.—News items
12 to 12:30 p.m.—Studio program
12:30 to 1:30 p.m.—Dance music
6 to 7 p.m.—Dinner Hour program
11 to 12 midnight—Dance music

322.4 Meters  KFWM  Channel 93  500 Watts
Oakland Educational Society, Oakland, Cal.
Details not available.

325.9 Meters  KOMO  Channel 92  1000 Watts
Fisher’s Blend Station, Seattle, Washington
7:57 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9 a.m.—Health exercises
9:15 a.m.—Organ recital
10 a.m.—National Farm and Home Hour, NBC
10:45 a.m.—Orchestra; Hayden Morris, basso
11:30 a.m.—“What to Prepare for Dinner”
11:45 p.m.—Mary Blake recipe talk
12 noon—Football game, Notre Dame vs. University of Southern California
2 p.m.—Univ. of Wash. vs. Univ. of Calif.
4:45 p.m.—Stock and bond quotations
5 p.m.—Lyric Challenges, NBC
5:30 p.m.—Vocal ensemble
6 p.m.—General Electric Co. program, NBC
7 p.m.—Lucky Strike dance hour, NBC
8 p.m.—Temple of the Air, NBC
8:50 p.m.—Marmola So-A-Tone broadcast
8:45 p.m.—Artistic ensemble
9 p.m.—Lauderland Lyrics, NBC
9:30 p.m.—Vocal ensemble
9:45 p.m.—News flashes
10 p.m.—Orchestra; G. Donald Gray, Rhena Marshall and Agnes Skartvedt
11 p.m.—Musical Musketeers, NBC
12 to 12:30 a.m.—Organ recital

535.4 Meters  KTAB  Channel 56  500 Watts
Pickwick Broadcasting Co., Oakland
7 to 8 a.m.—Eye Openers
8 to 9 a.m.—Recordings
9 to 9:30 a.m.—Morning prayer service
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
3 to 4 p.m.—Organ recital
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.—Piano recital by Walter J. Rudolph
8 to 8:30 p.m.—Don’s Half Hour of Happiness
8:30 to 9 p.m.—Purser Pleasure Hour
9 to 12 midnight—What Have You program
12 to 1 a.m.—Slumber Chasers

<table>
<thead>
<tr>
<th>TIME</th>
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<tbody>
<tr>
<td>5:00 p.m.</td>
<td>KFWI</td>
<td>930 Kcys.</td>
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<tr>
<td>6:00 p.m.</td>
<td>KFWM</td>
<td>930 Kcys.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>KOMO</td>
<td>920 Kcys.</td>
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<tr>
<td>8:00 p.m.</td>
<td>KTAB</td>
<td>560 Kcys.</td>
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<td>KTAB</td>
<td>560 Kcys.</td>
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BEST BETS TODAY

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<td>KTAB</td>
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**SATURDAY Programs**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 to 7 p.m.</td>
<td>Lyric Famous Challenges</td>
</tr>
<tr>
<td>7 to 8 p.m.</td>
<td>Lucky Strike Hour</td>
</tr>
<tr>
<td>8 to 9 p.m.</td>
<td>Sierra Serenaders</td>
</tr>
<tr>
<td>9 to 10 p.m.</td>
<td>&quot;Lauderland Lyrics&quot;</td>
</tr>
<tr>
<td>10 to 11 p.m.</td>
<td>&quot;Tales Never Told&quot;</td>
</tr>
</tbody>
</table>

The image contains a list of events taking place on a Saturday, including programs broadcast on various radio stations. The events range from typical radio programs like concerts and musical numbers to more specific activities such as lectures and sports games. The programs are listed with time slots and a brief description of what is being broadcast. The broadcast network is NBC, and the events include a mix of music, lectures, and sports. The time slots range from 6 a.m. to 11 p.m., with a variety of shows throughout the day.
SUNDAY 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 Will Hancock
9:30 to 10 a.m.—Dobbs's Daily Chat
11:15 to 2:15 p.m.—Notre Dame vs. U. S. C. football game, Chicago
2 to 2:15 p.m.—Ye Towne Cryer, stock market quotations
2:15 p.m.—Football broadcast, Stanford vs. Santa Clara
4:30 to 4:45 p.m.—Radio Varieties
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" Morton
6 to 7 p.m.—KPO Salon Orchestra
7 to 8 p.m.—Modern Melodists
8 to 8:30 p.m.—Temple of the Air, NBC
8:30 to 9 p.m.—Earl C. Anthony Packard program, KPO and KFI
9 to 9:30 p.m.—Lauderland Lyrics, NBC
9:30 to 10 p.m.—Tommy Monroe and Bob Allen
10 to 11 p.m.—Jimmie Kerr's Palace Hotel Orchestra
11 to 12 midnight—Musical Musketeers, NBC

315.6 Meters KFWB Channel 95
950 KCys. 1000 Watts
Warner Brothers, Hollywood, California
9 to 11:45 a.m.—Radio Varieties
11:45 to 12:20 p.m.—KFWB quintet
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 to 3:30 p.m.—Football game
4:15 to 6 p.m.—Radio Varieties
6:30 to 6:50 p.m.—Late recordings
6:50 to 7 p.m.—Harry Jackson's entertainers
7 to 7:30 p.m.—607 Boys
7:30 to 8 p.m.—Jean Cowan and her Rhythm Boys
8 to 9 p.m.—Mona Motor Oilers (dance band) and Vernon Richardson, tenor
9 to 9:30 p.m.—Ray Martinez concert orchestra
9:30 to 10 p.m.—Jimmie Kerr's orchestra
10 to 10:30 p.m.—George Olsen's orchestra
10:30 to 11 p.m.—Jimmie Kerr's orchestra

319 Meters KOIN Channel 94
940 KCys. 1000 Watts
KOIN, Inc., Portland, Oregon
8 to 9 a.m.—Household Twins
9 to 9:30 a.m.—Organ recital
9:30 to 9:50 a.m.—Cooking school
9:50 to 11:46 a.m.—Shoppers' Guide and Town Topics
11:45 to 12 noon—Vocal program
12 to 1 p.m.—Luncheon concert
1 to 1:30 p.m.—Billy's Hawaiians
1:30 to 2 p.m.—Orchestra
2 to 5 p.m.—Game, Washington and California, CBS
5 to 6 p.m.—Orchestra
6 to 6:30 p.m.—Joe and Vi, CBS
6:30 to 7 p.m.—Benson Hotel Orchestra
7 to 8 p.m.—Paramount Publix Hour, CBS
8 to 10 p.m.—Orchestra programs
10 to 10:30 p.m.—Syncopators
11 to 12 midnight—Warner Stone's orchestra

243.8 Meters KYA Channel 123
1230 KCys. 1000 Watts
Pacific Broadcasting Corp., San Francisco
9 to 9:30 a.m.—Morning request recorded program
9:30 to 10 a.m.—Program for Fox and Warfield Theaters
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 p.m.—Recordings
4 to 6 p.m.—Santa Claus' Emporium Air Castle
4:30 to 5 p.m.—Recordings
5 to 6 p.m.—Sapphire Musical Gems
6 to 6:30 p.m.—Sidley Co. program
6:30 to 7 p.m.—Program for Fox and Warfield Theaters
7 to 7:15 p.m.—George Taylor and Clem Kennedy
7:15 to 7:30 p.m.—Constance Piper and Mary Atkinson
7:30 to 7:40 p.m.—Cecil and Sally in the Funniest Things
7:40 to 8:30 p.m.—Pacific Artists' Trio, with Claire Upshur, soprano
8:30 to 9 p.m.—Constance Piper, George Nickerson and the Girl Friend
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
11 to 11:45 a.m.—Audition Hour
11:45 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
3 to 3:30 p.m.—Children's program
3:30 to 4 p.m.—Musical programs
4 to 5 p.m.—Musical program
5 to 5:30 p.m.—Musical program
6 to 6:30 p.m.—Musical program
6:30 to 7:30 p.m.—Package Exchange
7 to 7:30 p.m.—Palm Bureau news
7:30 to 8:30 p.m.—4-H Club program
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.—Health exercises
8 to 8:15 a.m.—Record program
8:15 to 8:30 a.m.—Inspirational talk
8:30 to 8:55 a.m.—Record program
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's message
10:30 to 11 a.m.—Records
12 to 12:30 p.m.—Concerto program
12:30 to 1 p.m.—C. F. R.'s musical program
1 to 1:30 p.m.—Radio Church
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 6:30 p.m.—Organ program
6:30 to 7 p.m.—Paramount Publix hour, CBS
8 p.m.—Announcements of church services
8:05 to 10 p.m.—KNX feature artists
10 to 12 midnight—Hotel Ambassador Cocanut Grove Orchestra
12 to 1 a.m.—Recordings
340.7 Meters
KLY
Channel 88
500 Watts
Tribune Publishing Co., Oakland, Calif.
7 to 8 a.m.—Exercises; 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
10:15 to 10:30 a.m.—S. F. stocks; weather
10:30 to 11 a.m.—Records
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado’s KLY Hawaiians
1 to 2 p.m.—Jean’s Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Football, Washington vs. U. C.
4:30 to 5 p.m.—Charles T. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressey Ferris, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Studio program
8 to 9 p.m.—Pacific Slope Dairy Show program
9 to 10 p.m.—Chuck Dutton’s Hotel Oakland dance orchestra.

265.3 Meters
KSL
Channel 113
5000 Watts
Radio Service Corp., Salt Lake City, Utah
5 p.m.—Dramatization of some interesting episode in the lives of figures prominent in American history, NBC
5:15 p.m.—National Laundry Owners’ program, NBC
6 p.m.—General Electric Hour, NBC
7 p.m.—Lucky Strike Dance Orch., NBC
8 p.m.—Amos ‘n’ Andy, NBC
8:15 p.m.—Instrumental trio and featured vocalist
8:45 p.m.—“Mystic Hour,” featuring the White Wizard
9:15 p.m.—Jack Stacey’s dance orchestra
10:15 p.m.—Request Hour
11:15 p.m.—“Midnite Frolic,” from stage of Playhouse Theatre, directed by Roscoe Grover

483.6 Meters
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.—Shell Happy Time
9 to 9:20 a.m.— Oregonian Cooking School
9:20 to 10 a.m.—Town Crier
10 to 10:45 a.m.—Nat’l Farm and Home Hour
10:45 to 11:45 a.m.—Organ recital
11:45 to 12 noon—Records
12 to 12:15 p.m.—Plummer
12:15 to 1 p.m.—Records
1 to 1:30 p.m.—Market report
1:30 to 1:50 p.m.—Records
1:50 to 2:10 p.m.—Stewart Warner, KGW
2 to 2:30 p.m.—Football
3 to 3:30 p.m.—Lyric Challengers, NBC
3:30 to 4 p.m.— Service Hour, KGW
4 to 5 p.m.—General Motors, NBC
5 to 5:30 p.m.—Lucky Strike Hour, NBC
5:30 to 6 p.m.—Temmie program, NBC
6:30 to 7 p.m.—Studio concert
7 to 7:30 p.m.—Lauderland Lyrics, NBC
7:30 to 8 p.m.—Pacific solos
8 to 10:30 p.m.—Blumauer Frank “Xmas Shoppers”
10 to 12 midnight—Hi-Links

379.5 Meters
KGO
Channel 79
10,000 Watts
General Electric Co., Oakland, California
10 to 10:45 a.m.—National Farm and Home Hour, New York
10:45 to 11:30 a.m.—Morning Melodies
11:30 to 12 noon—Philharmonic Organ
12 to 1 p.m.—Luncheon concert
5 to 5:30 p.m.—The Lyric Challenges
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.—Sierra Serenaders
9:30 to 10 p.m.—Lauderland Lyrics
9:30 to 10 p.m.—Western Artist Series concert
10 to 11 p.m.—Tales Never Told
11 to 12 midnight—Musical Musketeers
11 to 1 a.m.—Wilt Gunzendorfer’s Hotel Whittcomb Dance Band

239.9 Meters
KFOX
Channel 125
1250 Kcys.
Nichols & Warinner, Long Beach, Calif.
5 to 7 a.m.—Remote Control, KGFJ
7 to 7:30 a.m.—Hello Everybody
7:30 to 8:15 a.m.—Records; news items
8:15 to 10 a.m.—Novelty program; beauty talk
10 to 11 a.m.—Organ recital
11 to 11:30 a.m.—Orchestra; beauty talk
11:30 to 11:50 a.m.—Early news report
11:50 to 12 noon—Studio orchestra
12 to 1 p.m.—Hollywood Girls, novelty trio
1 to 1:30 p.m.—Varsity Boys
1:30 to 2 p.m.—Originality Girls
2 to 2:30 p.m.—Records; health talk
2:30 to 3 p.m.—Long Beach Municipal Band
3 to 3:30 p.m.—Organ recital
4 to 4:30 p.m.—Long Beach Municipal Band
4:30 to 5 p.m.—News report; 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 7 p.m.—Sunset Harmony Boys
7 to 7:30 p.m.—Popular songs, Eva, Ed and Doris
7:30 to 8 p.m.—Buster Wilson’s orchestra
8 to 8:15 p.m.—Football talks, R. W. Shirey
8:15 to 8:30 p.m.—Cline Chittick, harmonica solo
8:30 to 9 p.m.—Doris and Clarence
9 to 9:45 p.m.—Cinderella Roof Ballroom
9:45 to 10 p.m.—El Patio Ballroom Orchestra
10 to 10:30 p.m.—Doris and Clarence
10:30 to 11 p.m.—El Patio Ballroom Orchestra
11 to 11:30 p.m.—Majestic Ballroom Orchestra
11:30 to 12 midnight—Silver Spray Ballroom Orchestra
12 to 1 a.m.—KGFJ, Apex Club

384.4 Meters
KTM
Channel 78
500 Watts
Pickwick Broadcasting Corp., Santa Monica
6 to 7 a.m.—Records
7 to 8 a.m.—Circle Hat Ranch program
8 to 10 a.m.— Bert’s request program
1 to 2 p.m.—Bertie Kober, organist
2 to 2:30 p.m.—Lola
2:30 to 3:30 p.m.—Santa Monica Band concert
3:30 to 5 p.m.—Records
8 to 8:30 p.m.—Santa Monica Band concert
8:30 to 9 p.m.—Loyce Whiteman, blues; Polly Hall, pianist
9 to 10 p.m.—Pickwick Progress, Stage by Stage, radio playlet
10 to 11 p.m.—Pickwick Melodists; vocalists
11 to 12 midnight—Bertie Kober, organist; B. Cooney, singing troubador
12 to 1 a.m.—Records
SATURDAY Programs

491.5 Meters KFRC Channel 61
610 Kcys. 1000 Watts
Don Lee, Inc., San Francisco, California
7 to 8 a.m.—Seal Rocks broadcast; N. Y. stocks
8 to 8:30 a.m.—Adventures of Helen and Mary, CBS
8:30 to 9 a.m.—Saturday Syncopators
9 to 9:30 a.m.—Columbia Noon Day Club, CBS
9:30 to 10:30 a.m.—Yoeng's orchestra, CBS
10:30 to 11 a.m.—Harry Tucker and the Barclay Orchestra, CBS
11 to 12 noon—Auditions
12 to 2 p.m.—Notre Dame vs. U. S. C. at Chicago
2 to 5 p.m.—Univ. of Wash. vs. U. of C.
5 to 5:15 p.m.—Guy Lombardo and his Royal Canadians, CBS
5:15 to 5:30 p.m.—Recordings
5:30 to 6 p.m.—Edna Fischer, pianist
6 to 6:30 p.m.—Clare Briggs, "Joe and Vi"
6:30 to 7 p.m.—Novelty program
7 to 8 p.m.—Paramount Public Hour, CBS
8 to 9 p.m.—KHJ Night Court, DLBS
9 to 10 p.m.—Raymond Paige and his band, DLBS
10 to 10:10 p.m.—Frank Watanabe
10:10 to 11:10 p.m.—Anson Weeks' Hotel Mark Hopkins Orchestra
11:10 to 12:10 a.m.—Earl Burtnett's Biltmore Orchestra
12:10 to 1 a.m.—Dorado Club Silver Fizz dance music

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.—Don Lee, Inc., program
8 to 8:30 a.m.—Adventures of Helen and Mary, CBS
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.—Louis F. Klein, harmonica
10 to 10:30 a.m.—Marion Gay, "Smile Girl"
10:30 to 11 a.m.—The Times Mirror
11 to 12 noon—Recordings
12 to 2 p.m.—Notre Dame vs. U. S. C. at Chicago
2 to 5 p.m.—U. C. L. A. vs St Mary's
5 to 5:30 p.m.—COLUMBIA Broadcast System
5:30 to 6 p.m.—Romancers program, CBS
6 to 6:30 p.m.—Graybar Elec. program, CBS
6:30 to 7 p.m.—Organ recital with singers
7 to 8 p.m.—Paramount program, CBS
8 to 9 p.m.—KHJ Night Court
9 to 10 p.m.—Raymond Paige and his band
10 to 10:30 p.m.—World-wide News
10:05 to 12 midnight—Earl Burtnett's dance orchestra
12 to 1 a.m.—Wesley Tourtellotte, organist

280.2 Meters KJBS Channel 107
1070 Kcys. 100 Watts
J. Brunton & Sons, San Francisco, Calif.
6:45 to 7:30 a.m.—Early Bird Hour
7:30 to 8 a.m.—B-4 program
8 to 10 a.m.—Variety records
10 to 11 a.m.—Dance records
11 to 12 noon—Popular records
12 to 12:05 p.m.—Stock report
12:05 to 2 p.m.—Recorded program
2 to 2:30 p.m.—Recorded program
2:30 to 2:45 p.m.—Popular records
3 to 4 p.m.—Orchestra recordings
4 to 4:45 p.m.—Variety records

422.3 Meters KFVD Channel 71
710 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
12 noon—Tom Brennan
12:30 p.m.—Tom and Wash
1 p.m.—G. Allison's home program
2:30 p.m.—Hal Roach Comedy Gossip
3 p.m.—Auburn Concert Orchestra
4 p.m.—Eldorado Chorus
4:45 p.m.—Timely Topics
9 p.m.—Happy-Go-Lucky Trio
10 p.m.—Auburn Concert Orchestra
11 to 1 a.m.—Sebastian's Cotton Club Orch.

218.8 Meters KGER Channel 137
1370 Kcys. 100 Watts
C. M. Dobyns, Long Beach, Calif.
1 p.m.—Hawaiian music
4:30 p.m.—Edna Bond, blues
5 p.m.—Wurlitzer organ
6 p.m.—News bulletins
6:15 p.m.—Charles Cook, vocal
6:30 p.m.—Trilolian Trio
7 p.m.—Church announcements
7:30 p.m.—Long Beach Band concert
8 p.m.—Wurlitzer, Nixon
9:30 p.m.—Betty and Wanda
10 p.m.—Irma Jasper, violin; Margaret Underhill, pianist
11 p.m.—Rhythm Makers, P. C. C.

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