Broadcast Weekly

For Week of
August 25 to 31

JUDGE J. F. RUTHERFORD
KFWM—Sunday, 6:00 A. M.

"THE LEADING RADIO GUIDE OF THE PACIFIC COAST"
HERE is a positive revelation in tone beauty! Before you select any radio, we urge you to hear the new Amrad models. The console cabinets are fine examples of modern furniture designs, built of rare woods and exquisitely finished. But the glorious Amrad tone is what you must hear to fully realize how perfect radio can be. Let us arrange a demonstration for you through a nearby dealer, in your own home, if you prefer.

THE beautiful Amrad model has a full-size electric built-in speaker mounted on a baffle and attuned to the Amrad chassis; it has a phonograph pick-up attachment, built-in antenna, illuminated dial calibrated in both wavelengths and kilocycles. And the powerful Amrad chassis uses TWO 345 tubes in push-pull as well as THREE Screen-Grid tubes. There are eight tubes in all.

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$213
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LOS ANGELES

The James H. Barry Co. SAN FRANCISCO
THE EDITOR'S PAGE

AIR and sea are not yet conquered by the radio telephone, but their subjugation daily draws nearer and in the not distant future travelers in the air or on the water will never be out of telephone reach of home or business.

Aviation telephony is fairly new, but telephone conversations between ship and shore have been the subject of experiment for a dozen years or more, the first two-way conversation, it is believed, being that between the Secretary of Navy in Washington and the captain of the U. S. S. New Hampshire, in 1916. Considerable work along this line was done during the war, equipment being installed to provide telephone communication between ships at sea. After the war experiments were conducted with a view to establishing commercial service, but the traffic at that time did not warrant the expense and they were dropped. In the last two or three years, however, ocean travel has increased tremendously and there has grown up among the public a heavy demand for long-distance telephone service, so that telephone officials now believe the time ripe for the introduction of ocean telephony.

There are, however, a large number of complicated problems which must be solved if adequate service is to be provided, and these are to be studied through operation of equipment placed on the Leviathan for experimental work. The first problem is that of determining the proper frequencies for transmission of the telephone conversation between ship and shore, where it is picked up for delivery over the land lines.

A much higher degree of technical perfection is required for radio telephony than for the radio telegraph, and sea-to-shore telephony also is more difficult than point-to-point service, chiefly because of the proximity of the transmitter to the receiver and the presence of other machinery which may set up interference, such as the regular radio equipment. The avoidance of interference between the telephone and the regular radio service of the vessel is probably the most difficult problem that must be solved. The regular electrical equipment of the vessel, and there is a great deal, also presents problems of interference.

For the purpose of solving these difficulties, the Leviathan will practically be turned into a telephone laboratory with a view to discovering the type of antenna, shielding and special equipment which will be necessary when ocean telephony becomes a commercial proposition and vessels now afloat, which cannot be reconstructed to meet the peculiar needs of the service, demand telephone equipment.
AGAIN the new MAJESTIC has taken the country by storm. Public demand is such that the Grigsby-Grunow Company, manufacturers of MAJESTIC, have been compelled to increase production until 5,400 MAJESTIC radios are manufactured daily.

Public acceptance is the test of value and quality. Hear and see this new marvel at your nearest authorized MAJESTIC dealer today.
POWER Detection and the new -45 tubes, plus four tuned stages of radio frequency. Automatic sensitivity control gives uniform range and power all over the dial. Jacobean period cabinet of American Walnut. Doors of matched butt walnut with overlays on doors and interior panel of genuine imported Australia lacewood.

MODEL 92
$179.50
Less Tubes

TUNE IN MAJESTIC THEATRE OF THE AIR
Over Columbia Broadcasting System—Stations KYA, KFRC and KMJ—every Sunday evening, 5 to 6, Pacific Standard Time.
Headliners of stage and screen.

Wholesale Distributors

FREDERICK H. THOMPSON CO.
1131 Mission Street, San Francisco

HOLMES & CRANE
291 Fourth Street, Oakland, Calif.

KIMBALL-UPSON COMPANY
607-11 K Street, Sacramento
Edward J. Ludes, chief announcer of the San Francisco unit of ABC, has developed his recent "telephone-talk-back" invention further. Listeners now can hear busy signals, dial tones, and ringing on the other end of the line as well as the voice from the receiver. The machine was built by Ludes and was first used for its sound effect in the Seattle studios of the ABC. He designed one of the most complete 'sound effect' machines now used in radio studios when he completed a machine that gives forth more than four hundred noises. Everything from a mouse squeak to horses' hoofs, wind, motors and breaking dishes is effected by turning a crank.

Robert Bence, a new addition to the celebrated staff of announcers of KPO, at one time rode the range atop a cowpony and thrilled matinee worshippers as an idol of the stage. "Bob," like Clarence Tolman, KPO tenor, and "Bill" Simmons of the KPO Revue, used to swing a mean lariat, but in a different section of the country. Tolman threw the bull up around Idaho, Simmons down Colorado way, while Bob held forth up at Washington and Oregon and for a time down in Texas.

Bob, like Tolman, is a dark, handsome sheik of the saddle, standing 6 feet 2 inches in height. No wonder he set many hearts aflutter as an actor on tours that took him through the North and Middle West. He teamed with his brother William Bence and traveled the Orpheum and Pantages circuits. His brother is still on the stage. Bob's ability to imitate and talk the dialect of many nationalities, including Chinese, Japanese, Italian, Scotch and Irish, make him a valuable asset to radio, as he can be utilized in many productions or programs.

Clair E. Morrison, station manager of KYA, is a veteran of radio. An uninterrupted career in radio work for the past ten years in San Francisco marks him a pioneer in western broadcasting.

Harrison Holliway, manager of KFRC, attended the Bohemian Club's Bohemian Grove festivities during his vacation period this year. He is a member of the club. Holliway also spent part of the time listening in on KFRC. His idea was to achieve a closer sympathy with the average listener-in's attitude toward programs. Free from all activities in connection with the station, he felt he could accomplish this more effectively.

Telephone lines measuring 1709 miles in length are employed to carry programs originating in the NBC's studios at San Francisco to the six stations associated with the NBC system on the Pacific Coast. The programs are then broadcast by the stations to their audiences.

After a successful tour of the East Gretchen Brendel, well-known contralto of KPO, has returned to the Hale-Chronicle studios and will resume her solo and ensemble singing. Miss Brendel has a quality of voice that is peculiarly adapted to radio broadcasting, the microphone enhancing the beauty of its tone. For a number of years Miss Brendel gained fame behind the footlights of the Keith-Orpheum theaters. She was soloist for Leo Ornstein, renowned pianist, during his New York appearances. Miss Brendel will replace Myrtle Leonard as contralto on the KPO Mixed Quartet.

Radio programs aren't always what they seem to be. Two men were required to fill the part of one in a recent "Song Stories" program over KGW, and so far as listeners knew there was but one man at the mike. Sid Goodwin played the talking part and Miles Burley did the singing, a la Jack Spratt and wife, and so much alike in quality were their voices that no one outside the studio was any the wiser.

Conducting an A Capella choir in four concerts before President and Mrs. Coolidge at the White House is the distinction claimed by Ruby Smith Stahl, Washington, D. C., soprano, who was heard by NBC system audiences during the Sunday Afternoon Concert on August 11. The choir was that of the First Congregational Church at the capital.

Mary Atkinson has a most entertaining scrap book of press clippings, dating from 1907 when she was chosen to impersonate Pallas Athene because of her perfect Greek profile. The clipping shows Mary in wasp waist, flowing train, spear and shield. An extreme contrast to the plain gowns of today worn by the popular KYA soprano behind KYA and ABC microphones where
she sings daily. Turning the leaves on through the book, the reader sees the rapid road of success that this charming young woman has traveled in concert and radio work throughout the United States.

* * *

KGW has annexed new talent in the person of Dorothea Schoop of Portland. She is a pianist and has been appearing in public ever since she was six years old, which isn't so very long ago, as a lifetime goes.

* * *

Henry L. Perry, KPO's director of vocal ensembles, prior to taking up singing as a career, was a well-known newspaperman of the bay cities. He reported on most of the morning and evening papers about the bay during his experience as a scribe, but soon learned that a musical career was more to his liking. Discovering this, Perry took himself to London, where he studied with Sir Charles Santly, Francis Korbay and Mewburn Levein. In Berlin he was taught by Raimond Muellen. His deep, rich basso voice has carried him along at a rapid pace until today he is one of the best musicians engaged in broadcasting. For three years he was choirmaster at St. Paul's Church, Oakland, associated with the First Congregational Church, San Francisco, for five years, director Olympic Club Glee Club for four years, Advertising Club Glee Club five years, chorusmaster of the Bohemian Club three years, director of Etude Choral, Berkeley, four years, and the Schubert Club of Sacramento for two years. Perry has been broadcasting from KPO for the last year and a half.

* * *

Amplifiers in an orchard carry the voice of Ann Holden, the NBC domestic science authority, to the feminine fruit pickers, a letter informed Miss Holden last week. The owner of the California orchard declared that she discovered that the workers were interested in Miss Holden's talks during the morning "Woman's Magazine of the Air" broadcast and that they accomplished more while listening to the radio.

* * *

The new voice, the almost perfect diction, heard over KGW these days belongs to one James Beard. James is one of the KGW players.

* * *

Norman Neilsen, popular tenor on KFRC, has been on duty at the mike as an announcer, relieving the station's two regular announcers during their vacation periods.

* * *

David Tamkin, young Russian violinist-composer, has been acclaimed as a genius through his recent work, "Dance of the Beg-

Pianists make better orchestra leaders than violinists. Del Milne, KGW pianist, plays with one hand while he wigwags stage directions to the announcer's booth with the other. Abe Bercovits, violinist and concertmeister of KGW, telegraphs with his eyebrow, but the announcers have a peck of trouble reading it.

* * *

Captain "Bill" Royle, the British aviation ace who entertains radio auditors through NBC system stations when he's not teaching students to fly, has sold the Royle Air Lines at Alameda, Calif., to the Curtis Airports, Inc. In the future Captain Royle will be director of student training in the San Francisco bay district for the Curtis organization. That all passenger planes will be equipped with radio receiving sets in the near future is the prediction made by the microphone star and aviator. His new duties will not interfere with his microphone appearances, Captain Royle says, explaining that he has made arrangements which will permit him to devote all the time to broadcasting he desires.

* * *

Jacques Jou-Jerville, vocal and operatic director of the American Broadcasting Company, served 54 months with the French Army during the war. He was thrice wounded, twice decorated and for sixteen months was an instructor with the American Army.

* * *

Abe Bercovitz, staff violinist of KGW for five years, has succeeded Mat Howard as director of music at the Oregonian's radio station.

* * *

Radio is generally supposed to be a young man's game, and so far as KGW is concerned, it seems destined to remain so. At least a dozen grey heads have applied for jobs as announcers recently, but not one has passed the test.

* * *

Our old friends Amos 'n' Andy can now be heard in person nightly through the eastern network of the National Broadcasting Company and broadcast through KSL, Salt Lake City, Utah, every night at 7:15, Pacific standard time, except Tuesday, when they will be heard at 10 p. m. Pacific standard time.
MYSTERIES OF RADIO
No. 3—FADING

By E. M. SARGENT

IF WE could see as far and as clearly as we can hear over a radio it would be less difficult to understand why it is that weak and distant signals fade, why a distant carrier will get louder and louder over a period of three or four minutes and then get weaker until it is but a whisper. Fading is a phenomenon that at present is beyond the control of the radio engineer. It is due to changes in the space, the atmosphere, the Heaviside layer between the transmitter and the receiver.

In San Francisco we are receiving a program from KNX, in Hollywood. Suddenly the music commences to get weak. We reach for the receiver and turn up the volume control, but to no avail—KNX slips right away from us. What is the reason? Possibly a fog or cloud bank down by Santa Barbara has drifted across the path of the wave and deflected it. A change in an earth current may have changed the nearby portion of the earth’s magnetic field just enough to direct the radio wave away from our antenna. There might have been just enough of a shift in the Heaviside layer to deflect the wave.

The Heaviside layer plays a very important part in radio transmission—more so than is generally realized. We are used to thinking of air as being a non-conductor—an electrical insulator. At the altitudes to which we can ascend air is a good insulator, but as it becomes rarefied it begins to lose some of its insulating qualities and at extremely high altitudes where the pressure is very low it is a good conductor of electricity. Over North America the height of the Heaviside layer is estimated at about sixty miles.

Our radio transmitter is really located in the space between two conducting surfaces—the earth below and the Heaviside layer above. The waves travel out from the transmitter in all directions along the earth’s surface and along the surface of the Heaviside layer. Under these conditions it is not difficult to see why their strength should vary from one minute to the next—in fact it seems remarkable that all these elements should remain sufficiently fixed for transmission to be possible at all over distances of 1000 miles or more.

Some interesting cases of fading are on record. This writer has heard two boats, both equipped with powerful radio transmitters and not over twenty miles apart, but passing on different sides of one of the islands north of Vancouver, which were unable to communicate with each other because their signals were drowned out by KPH in San Francisco, 900 miles away. The Pacific has many well-known spots where radio signals fade. Vessels off Pt. Sur, about 100 miles south of San Francisco, are in a “dead spot” for San Francisco, and with the old-time spark transmitters could only communicate with San Francisco under difficulty, although when they sailed 100 miles farther south they had no trouble. Two days out in the Pacific, on the liner route to Honolulu, there is another spot where communication with San Francisco is difficult, and in the days of the spark transmitter there was many a night when vessels in this “hole” had to wait until the next night when they were farther away before they could get their messages through. Incidentally, this spot is close to the place where Bill Irwin’s plane, “Dallas Spirit,” encountered the strange cross-winds, went into a tail spin and crashed while searching for the lost Dole flyers. Perhaps there is some connection.
AIR MASTER

DAYTON Navigator

Explore the world with this new craft—a thrill awaits you.

POWER TONE DISTANCE CLARITY BEAUTY

MODEL 9990

$227.50
Complete with 9 Tubes

Northern California Distributor

W. E. & W. H. JACKSON, INC.
2511 Broadway, Oakland
Lakeside 3833

255-261 Ninth Street, San Francisco
UNDERHILL 2900
Pomona, Calif., Aug. 3, 1929.
The Open Circuit,
Gentlemen:

I second the letter and suggestion of Miss A. H. B. of Chico.

We often entertain our friends in the evening, relying on the radio for dance music, and seldom can we obtain any good music between 8 and 10. About 90 per cent of our visitors prefer jazz and plenty of it. Why can't we be able to depend on some station for dance music evenings?

Yours for a nightly dance program.

MR. AND MRS. E. C.

Berkeley, Calif., Aug. 12, 1929.
Broadcast Weekly,
Gentlemen:

I would like to register my complaint against a small station in our community and don't know where to do so. This station does nothing but cause interference, as their programs are not worth listening to. Will you please tell me where to register this complaint?

MRS. T. F. B.

(Answer: Suggest that you write to the Radio Supervisor, Custom House, San Francisco.)

San Francisco, Aug. 4, 1929.
Broadcast Weekly,
Gentlemen:

I want to voice my appreciation of the programs that KFRC is giving us these days. I have written them a number of times, but that is as far as it gets. I want others to know, that's why I am writing you, in the hope that you will put it into print so that I can see it. Writing is like talking into a microphone when you get no answer. You can't see that you have accomplished anything. So please print this. I want to see it come back to me.

I always tune them in first and usually stay there. They impress me and I always feel that they are putting on the program for my benefit alone. I know they aren't, but as long as I feel that way I guess that it is all right. I would certainly like to know all of them personally. Some night I am going down to their studios and see them perform. I am referring to their Monday night Jamboree now. Do they admit visitors on these nights? Hoping to see this letter in Broadcast Weekly soon, I am,

Very truly yours,

MRS. A. M. B.

P. S.—I am only 78 now and probably feel as young as you.

(Editor's Note: Yes, they admit visitors to the Monday night Jamboree.)

Alameda, Cal., Aug. 7, 1929.
Broadcast Weekly,
Gentlemen:

Just a suggestion to your complaint column. Don't you think the stations waste an awful lot of time during their different programs on informal talking between announcers and artists, which has no interest whatsoever to the radio audience? There is a certain station in San Francisco which has a Sunday program with a lady announcer which is particularly offensive in this respect. The artists on this program have a habit of talking to one another, laughing and joking, which certainly isn't amusing or funny to the radio audience, though the artists themselves probably think they are "putting it over." The radio audience, in my opinion, wants a snappy program, and above all snappy and short announcements. Am I right?

M. P.

Saratoga, Cal., Aug. 11, 1929.
Broadcast Weekly,
Gentlemen:

Just a word for your Open Circuit column. Why not give us some dance music during the early part of the evening? Say, for instance, during the dinner hour, 6:30 to 7:30, and on to 10 p.m. Now, practically all dance music comes on after 10 p.m., and there are many radio fans who also want dance music early in the evening.

Another thought. Give us more announcers like Harold Dana. He certainly knows how to announce and has a real personality. So much for now.

B. C.
This is the way to get rid of that man-made "static" from motors, street cars, telephones, electrical appliances, etc. Plug in a Falck Claroceptor between your receiving set and the wall socket; it will block out those line interference noises and radio frequency disturbances. Also helps selectivity and distance amazingly! Thousands all over America are praising this splendid improvement. An absolute necessity to clear reception in some locations.

The Falck Claroceptor requires no changes in your set. Measures just $3\frac{1}{2} \times 5\frac{1}{2} \times 2\frac{1}{2}$ inches. Tested, proved. Get one right away—only equipment of its kind. At radio parts dealers, or write to factory for new descriptive folder, FREE.

A New ELECTRAD Volume Control

For the High Voltages of Modern Receivers

The ELECTRAD Super-TONATROL is a radical departure in volume control design, meeting a long-felt need for a high-voltage volume control that will stand up.

Easily dissipates 5-watts. Laboratory tests equal to more than ten years' average use fail to show any appreciable signs of wear or variation in resistance value.

Made in seven types for every radio purpose, including control of output volume of electrical phonograph pickups. $2.40 to $3.50.

Specially developed resistance element fused to an enameled steel plate. Pure silver floating contact provides amazingly smooth action, growing smoother with use. Metal cover aids rapid heat dissipation.
The Complete Disappearance

By JULIAN RASHMAN

If one can view the telegraph wires, the postal routes and the radio channels as the reins of business—the unseen leather by which the horses of commerce are driven, then one can get a picture of Dalton sitting at his great mahogany table, trotting evenly along the highway of financial success. He always sat forward in his chair—driving. That was H. P. Dalton—a driver, and a good one. The kind of a driver who never used the whip, yet always carried it. A pressure on the reins, a word, and men threw the last ounce into the harness for pressure on the reins, 

Dalton was the head of Dalton Steel, Inc. Magazines had written him up. Special writers had columnized him. Younger men emulated him. Yet Dalton incessantly built higher the bulwark against publicity. He believed in work and work was his only god—his fetish. Whenever he came across his name or his picture in print, Dalton cursed to himself. The very print seemed to be a stumbling block in his path. Dalton was working for an objective. But no one but Dalton knew what it was and he guarded the secret jealously.

Dalton was in everything, more or less—banks, manufacturing plants, syndicates, charitable organizations, movements of this and that sort. Dalton handled them himself. No secretary answered for him. Dalton had no secretary. He had two marvelously competent stenographers. Dalton opened his own mail. He dictated the answers in shorthand. Sometimes he would dictate forty or fifty letters without stopping, until one stenographer’s notebook would be entirely filled with shorthand. Then he would send for the other. He dictated like an express train eating up miles.

It was in October that Dalton decided that the time of his objective had arrived—October the third. He sent for his attorney, Max Dohrman and then issued orders that they were not to be disturbed.

“Max,” he said, as the lawyer faced him across the table over which many epochal deals had been consummated, “this is our last conference.”

Dohrman, balanced legal machine that he was, started slightly.

“How so, H. P.?” he asked, after a bit. Dalton bit the end from a cigar, lighted it, and then sank his teeth firmly into it.

“Max,” he said. “Try and get this—what I’m going to say, because it’s liable to upset you, a whole lot. I’m going to disappear.”

Dohrman stared at him.

“You are going to what?”

“You heard me—the first time,” said Dalton. “I’m going to drop from sight—vanish. Fade out of the picture. Put it any way you wish. I’ve made my pile and I’m through. The business will go on—but I’m done.” He spread his hands with a gesture of finality. Dohrman gave a short laugh.

“Well, really, H. P., you must admit—that’s a bit... well, shall we say startling?”

“It will have a tendency to produce a panic on the Street,” said Dalton. “That is just what I want to prevent. That’s why I called you—today. I’m going to drop out of the picture, but not at the expense of people who have their investments in Dalton Steel. Get me? I want no panic to succeed me, if it can be prevented. It is not a pleasant progeny—a panic!”

He spoke reflectively, and for a moment seemed lost in thought. Dohrman regarded him keenly.

“I don’t see any way of preventing—just that,” he said.

“Well, give it thought,” said Dalton shortly. Dohrman realized that this was a command. He assented silently. His face was grave.

“Am I supposed to know the why of this—this insane move?” He put the question with a quiet sarcasm.

“You are not!” Dalton’s tone was emphatic. “You will know nothing but where I am, after I’ve gone. And you will mention that only to one person. You will appear to be as amazed as everyone else. You will appear to help in the search for me, but you will do everything possible to confuse. You will let my office, the police, my daughter Carla look for me—to their heart’s content. A certain financial emolument will be placed in trust to see that you carry this out. You can well afford to take orders in this, Max. I have taken care of you.”

The attorney’s face clouded.

“But H. P.—can’t you give me a reason for this strange obsession. We’ve been pretty close, you know...”

“This is not an obsession. It is a carefully worked out plan and has a definite purpose. Certain eventualities will result. That is inevitable. I have gone over them carefully and I cannot see that any great harm will
“My ear is open like a hungry shark
To catch the tunings of the voice divine.”
—Keats.

The greatest moments in music are rendered sublimely ridiculous when the set fails to respond to the thrilling clarity of a rising crescendo. How often the magic spell is broken by tonal failure in the higher registers.

The Temple Radio catches "the tunings of the voice divine," and reproduces the varying shades of tone with depth and definition—contributing to the mood of perfect enjoyment.

6-60 Low Boy—$184.00 complete ready to turn on
8-80 High Boy—$224.00 complete ready to turn on

TEMPLE RADIO
JOHN G. RAPP CORPORATION, Distributors
123 Second Street
result. There is a possibility of much good. It will be quite as though I had died, Don't you see? I will rather enjoy seeing the effect of my own aftermath, if you get my meaning."

Dohrman shrugged. "Well, you know where I stand, H. P.,” he said. “You made me and I'll obey, But it strikes me as a damned fool idea, if you’ll pardon the frankness.” "It probably does,” said Dalton, “but I’m not concerned with that.” His face went suddenly grim. “Listen Max—I’m playing for big stakes in this thing and they're not in the market.”

His sudden tenseness impressed the attorney as nothing else had. This was the Dalton he had always known—the iron-willed, ungiving fighter, the man he could understand. Dalton, he knew, was always a lone wolf in his plans. They were usually good plans. With the realization that Dalton knew thoroughly what he was about came co-operation. He nodded quickly. "All right," he said agreeably. "What do you want me to do?"

Dalton told him. He went over a mass of minutiae, Dohrman taking many notes and asking questions. At the end of two hours... "Well—that's done!” Dalton spoke with relief.  

"And when are you going?"

Dalton glanced at his watch. "In ten minutes,” he said. “There's a couple of things I want to tell Carla, and then...”

Dohrman arose. "Well, H. P., I still think you're crazy, but—goodbye and good luck. I'll hear from you—now and then?" He held out his hands and their fingers met. Dalton was grinning happily."Now and then," he repeated.

He was still grinning when the door closed behind the attorney.

After Dohrman had gone, Dalton dictated a couple of letters. Then he called his daughter on the telephone. Her maid answered. Miss Dalfon was at the Country Club and would not be back until late, she said. Dalton nodded to himself. He had forgotten. This was Thursday. He shut his desk, buttoned up his overcoat and walked briskly out of his office, with a short nod to his office force. His well known roadster was waiting for him in front of the building. He stood for an instant, breathing deeply, a sense of weight gone. Then he slid under the wheel, kicked on the engine and was gone, lost in traffic. Ten minutes later, Dalton drove into a public garage on the far side of the city. An attendant came forward smiling. "All ready, Joe?‖ asked Dalton. "All set, Mr. Dalton."

"Thanks, Joe.” He handed the attendant a bill, the size of which made his eyes bulge. "Listen Joe—there'll be a couple of nosey detectives in here shortly, asking about me. They'll get tired of waiting for me to come out. You see Joe—when you've got a good lawyer and he wants to know where you are going, he sometimes puts detectives after you. See? Well, these birds have been following me ever since I left my office. Right here is where I lose them. That's your part."

"Yes, Mr. Dalton,” said the attendant. "I'll fix 'em.” He grinned.

Dalton got out of the roadster, and the attendant led the way to where a low, powerful car, packed with camp equipment stood waiting. He opened the door and Dalton got in. He kicked the starter and tested the motor.

"Ah,” he said. “That's a daisy.”

"Sure is,” agreed Joe. "We paid enough for her, sir.”

"All right,” said Dalton. He slipped in the clutch. "Don't forget to lose those flat-feet.”

The rear door of the garage which opened into an alley slid open, the powerful car, packed with camp equipment stood waiting. He opened the door and Dalton got in. He kicked the starter and tested the motor.

"Will I stall them dicks?” he said aloud. "Huh—watch me!”

Out along the state highway, H. P. Dalton, late of Dalton Steel, Inc., threw away his head-gear and fished out an old hat from the camp things. Then, with a pipe clamped firmly between his teeth he settled down to the task of fast steady driving. He whistled a tune, in time to the rhythm of the engine, between the pipe stem and his teeth as the car bowled along.

Out of jail at last! A sensation of lightness possessed him. The whistle slipped into the hum of a popular tune, punctuated with long draughts at the pipe—the engine and driver droning together... . . . .

* * *

The disappearance of Dalton the Steel King was a ten day sensation which rocked the stock market to its foundations. His daughter Carla awakened from her social entrenchments to the cold realization when Dalton’s office called her on the telephone...
ASK THE RADIO EXPERT

WHICH SCREEN-GRID?

"Screen-grid" may be "late news" to you in radio, but radio experts and fans know that Silver-Marshall has made thousands of screen-grid radios in the past two years...

Get the facts: Only one screen-grid radio has years of screen-grid manufacturing experience back of it. Only one requires no aerial or "installation." Only one has a pedigree... SILVER RADIO.

Ask your dealer to let you hear it—in your own home.

8-tube, all-electric...
4 screen-grid tubes—
Matched—Impedance dynamic speaker...
Overtone Switch for static reduction...
Sheraton Lowboy of matched walnut veneers $170.00 less tubes. Sliding-door Highboy.... $210.00

SILVER. ON. RADIO. IS. LIKE. STERLING. ON. SILVER

Distributed by

The Electric Corporation

145 Ninth Street, San Francisco
178 Tenth Street, Oakland
and Brinsby, his confidential aide explained the situation.

"Even Dohrman, his attorney, knows nothing, Miss Dalton," he said. "If you can't supply us with any clue, then we'll have to make it a police matter."

But that was all the good it did them. With the police came the newspapers. Stocks slithered crazily. It was astounding how many collateral holdings were affected. But Dalton had planned well—Dalton and Dohrman. Dalton Steel spiralled wildly for a time and then settled back on an even keel, as Brinsby armed with a power of attorney which reached him by mail bearing Dalton's signature. Other stocks were not so fortunate. United Steel and Roller struck bottom and dropped Dan Carmody into nothingness.

Carmody, absorbed in his own affairs, had not known of Dalton's disappearance. It was therefore a double shock, coming on top of the United collapse, when Brinsby broke the news to him in Dalton's office. Carmody sat down suddenly and went white. Brinsby gave him a drink. After a bit Carmody steadied.

"I don't know why I should have expected help from Dalton," he said, slowly. "Funny, isn't it? You do a man dirt—and then go to him for help—for clemency."

"Dirt?" Brinsby spoke a bit sharply. Carmody's face was haggard.

"Dirt—yes. Dirt! Rotten dirt. I double crossed H. P., once—and he was my friend then. I got to messing around in speculation and I ditched him. It broke old H. P., but—he fought his way back. I've wanted to come up and square things a hundred times, but I figured he would throw me out. Pride is a rotten thing, isn't it? I didn't want to square it enough to face that. So I didn't come. Now I'm cleaned and it's all over—well, I just wanted to know . . . ."

Brinsby's eyes softened.

"Mr. Carmody," he said. "Go see Max Dohrman, will you?"

"What good will that do? Dalton's gone, dead—ain't he?"

"Go see Dohrman. I'm telling you something."

Dan Carmody stared at him for an instant. Then he shrugged.

"All right," he said. "I don't know why I should—but I will."

Carmody found Dohrman busy at work as usual. The attorney shook hands with him.

"I've been expecting you," he said. "I know," said Carmody. "Brinsby telephoned."

"No, he did not," said Dohrman. "But I understood that you would come . . . ."

Pajaro Verde is a paradise of purple hills, rolling sage, and shadowy valleys. Deer leap in the thickets and in the evenings the odors from the distant desert are fresh and fragrant with blossoms. There are houses scattered about—not too many, a town or two. A man can breathe in Pajaro Verde and sleep under stars that know no coal smoke . . . .

Across a worn wooden table, quite different from the ornate affair in the office of the steel corporation, H. P. Dalton, missing steel king, and Dan Carmody, faced each other over a number of empty dishes.

"H. P.!

It was Carmody broke the silence. "I've come a long ways to say something . . . ." There was a note of weariness in his voice.

"You don't have to say it Dan," said Dalton. "I've been in touch." He gestured to a powerful radio set in one corner of the room—one that would reach almost anywhere. "That's how I knew when to strike. You see Dan—I broke you!"

"You?"

"Yes, Dan. I had to. It was getting you and it was getting me. Tarbo the broker was on my payroll. I knew just when you were due to topple—and I topped you. I watched the market from here and when Consolidated Creosote started sliding, I dumped the carload, and that finished it. You went down . . . ."

There was a long silence.

"Well, H. P., that makes what I've got to say a lot easier."

Dalton laid his hand on the other's arm.

"It's never going to be said, Dan," he interrupted. "Your coming out here to Pajaro Verde has said it. Come here—I want to show you something;"

He led the way to the door. They looked down thirty miles of valley as fresh and clean in the moonlight as a new-minted coin.

"Dan, you and I used to believe we were friends. We got down yonder in the canyons of mammon—and we forgot all about it. We were at each other's throats—you and I. We were throwing away all that was worth while in the scramble. And for what? You know the answer. You and your clubs and carefully programmed philanthropies . . . . I and my family who loved the social and regarded me as a check book."

"Well, Dan—the combination is busted high, wide and handsome. My wife divorced me for a gayer man. My daughter Carla

(Continued on Page 26)
Why have 150 Dealers in Northern California secured the APEX Franchise in the last 60 days?

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KFRC, KHJ to Join CBS

THE Don Lee Broadcasting System, the only all-California broadcasting network, will become affiliated with the national network of the Columbia Broadcasting System on January 1, it was announced recently by Don Lee, owner of KHJ, Los Angeles, and KFRC, San Francisco, and pioneer automobile man of the Pacific Coast, and William S. Paley, president of the Columbia organization. KHJ and KFRC for the past year have been furnishing programs by telephone to KMJ, the Fresno Bee station, and with this connection the Don Lee Broadcasting System has been able to give a complete radio service to every section of California.

With the inauguration of the new national hook-up these three California stations will release the finest type of national broadcasts from New York and other eastern cities during the early dinner hours. Between 8 and 10 o'clock either KHJ or KFRC will function as the key station for the Coast network of the Columbia System, which will be known as the Don Lee chain of the Columbia Broadcasting System.

The stations which comprise the northwest outlet for the Don Lee chain of the Columbia Broadcasting System will include KOIN in Portland, KVI, located midway between Seattle and Tacoma, giving excellent coverage in both cities, and KFPPY at Spokane. Plans are under way for the presentation of a transcontinental program from both KHJ, Los Angeles, and KFRC, San Francisco, which are expected to be used as the western key stations of the system, releasing programs from the Pacific Coast for national entertainment.

William S. Paley, president of the Columbia Broadcasting System, issued this statement: "I know the new connection of the Columbia System on the Pacific Coast will react as a mutual benefit to the listeners in that territory and ourselves. These Pacific Coast stations have not been chosen to join the Columbia System on hearsay evidence, or on cold statistics alone. Personally I have personally toured the Coast during June and July of this year, and was convinced that through years of service to a faithful radio audience, the stations chosen are outstanding. It is with great pleasure that I am able to announce that they will be our western brothers in the world's largest-regular radio network."

"With the growth of public interest in radio, we believe the affiliation of these stations with the Columbia Broadcasting System will be welcomed by radio fans not only on the Pacific Coast, but throughout the United States as well," Mr. Lee declared. "It will enable us to listen to the finest programs from the East, and will permit the Easterners to get the best of western programs," he said.

"With the difference in time between New York and the Pacific Coast, it leaves the Don Lee chain of the Columbia Broadcasting System free to originate its own programs after 7 or 8 o'clock. This fact, coupled with our expansion in the Northwest, is a great incentive for us to increase the standard of entertainment that we have maintained in the past," said Mr. Lee.

Don Lee purchased KHJ from the Los Angeles Times on November 14, 1927, and immediately purchased the latest type of equipment, which was installed in the Don Lee Building at Seventh and Bixel streets. Having learned much about radio from KFRC in San Francisco, which he had owned for more than a year before the purchase of KHJ, Mr. Lee decided to give KHJ the best possible equipment. As a consequence he built three elaborate studios in the Don Lee Building, availing himself of all information possible in construction, installed a special radio broadcast pipe organ, and began organizing a large staff of artists and entertainers for both stations. A massive new studio recently was built as an addition for KFRC in San Francisco, which is located in the Don Lee Building there.

Both KHJ and KFRC have large, complete staffs of artists, singers and entertainers, with each station having its own Don Lee Symphony Orchestra, dance band and organ, plus all of the musical instruments that can be used successfully in broadcasting. It is no idle boast that either KHJ or KFRC could operate continuously without going outside their own staffs for talent, and yet give a variety with an appeal to every type of audience.

Critics from every part of the globe have conceded that KHJ and KFRC belong in the first rank of the leading radio stations in the country, because of the progressive ideas that have been adopted for them by Don Lee. Mr. Lee has been California distributor for products of the Cadillac Motor Car Company for more than twenty years, and has been identified with much of the progressive movements that have brought California forward to its present place.
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BROADCAST STATIONS CHANGED

The following changes in broadcasting stations have been announced by the radio division of the Department of Commerce and the Federal Radio Commission at Washington:

KFBB, Great Falls, Mont., location changed to Havre, Mont.
KFOR, Lincoln, Neb., power, 100 watts night, 250 watts day.
KFYO, Abilene, Tex., power, 100 watts night, 250 watts day.
KGFI, San Angelo, Tex., location changed to Corpus Christi, Tex.
KGFW, Ravenna, Neb., wavelength 1310 kcys. (229 meters), 50 watts.
KGGM, Albuquerque, N. M., wavelength 1230 kcys. (243.9 meters), power 500 watts.
KPQ, Seattle, Wash., owners, Taft & Wasmer, Inc.
KUJ, Longview, Wash., owner, Columbia Broadcasting Co.
KVOS, Bellingham, Wash., owner, KVOS, Inc.
KWKH, Kenonwood, La., power, 10,000 watts.
WASH', Grand Rapids, Mich., power, 500 watts.
WBAW, Nashville, Tenn., call changed to WTNT.
WBY, Charlotte, N. C., owner, Station WBT, Inc., power, 5000 watts.
WCAH, Columbus, Ohio, power, 500 watts.
WCNO, Springfield, Ohio, wavelength 1450 kcys. (206.9 meters), power, 500 watts.
WDOD, Chattanooga, Tenn., power, 1000 watts night, 2500 watts day.
WEAO, Columbus, Ohio, wavelength 570 kcys. (526 meters), power, 750 watts.
WFBV, Syracuse, N. Y., owner, Onondaga Hotel Co.
WGR, Buffalo, N. Y., location changed to Amherst, N. Y.
WHB, Kansas City, Mo., power, 500 watts.
WHBP, Johnstown, Pa., call changed to WJAC.
WHDF, Calumet, Mich., owner, Upper Michigan Broadcasting Co.
WHDL, Tupper Lake, N. Y., operates daytime only.
WHK, Cleveland, Ohio, power, 1000 watts.
WNOX, Knoxville, Tenn., owner, Sterchi Brothers.
WPRC, Harrisburg, Pa., call changed to WCOD, owner, Norman R. Hoffman.
WREC, Whitehaven, Tenn., power, 500 watts night, 1000 watts day.
WSMK, Dayton, Ohio, wavelength 1380 kcys. (217.4 meters), power, 200 watts.
WTIC, Hartford, Conn., location changed to Avon, Conn., wavelength 1060 kcys. (283 meters), power, 25,000 watts normally, 50,000 watts experimentally.
WOKO, Beacon, N. Y., authorized to resume operation temporarily.
WAGM, Royal Oak, Mich., authorized to resume operation temporarily.
WKBF, Indianapolis, Ind., owner, Indianapolis Broadcasting, Inc.
WSAZ, Huntington, W. Va., owner, WSAZ, Inc.
WEEI, Boston, Mass., location changed to Weymouth, Mass., power, 1000 watts.
WKBE, Auburn, Mass., call changed to WORC.
WPSW, Philadelphia, Pa., call changed to WPEN, power, 100 watts night, 250 watts day.
KCRC, Enid, Okla., power, 100 watts night, 250 watts day.

SHORT WAVES AND STATIC

Broadcast stations in the interior of the country no longer are required to employ operators having knowledge of code, the Department of Commerce having established a new grade known as "Broadcast Class, Limited." Operators in this class must meet the same requirements as for the unlimited broadcast class license, except that no code test is required. Holders of the new grade of license are authorized to act as operators only at licensed broadcast stations not required to maintain a listening watch on marine distress frequencies.

* * *

A new wireless station will be erected shortly by the Government of New Zealand at Wellington, at a cost of $30,000, according to a report from the American consul general at Wellington. The new station will be used principally for communication with the Pacific islands, although it will serve also as an emergency plant for messages to Australia and in connection with the short-wave stations in the United Kingdom at certain hours.
The U. S. Patent Office has granted to the Magnavox Company exclusive use of the word "DYNAMIC" in connection with radio loud speakers.

Patents may be infringed, trademarks may be borrowed, but performance quality cannot be copied. The making of a dynamic speaker is an art that was started by Magnavox and carried on since 1911.

**The Magnavox Company**

Factory and Pacific Sales: OAKLAND, CALIF.
How to Break Into Radio

By "SIMPY FITTS"

Note: "Simpy Fitts" is a pioneer in the radio field. While lying on a sick bed in Turkey, he was the first to broadcast the blowing up of the Maine in Havana harbor over an International network of Complications. Until the recent broadcast of the Republican National Convention over the same network this was considered one of the greatest feats of its kind in history, with the possible exception of Hannibal's second crossing of the Alps, or Cleopatra's double crossing of Julius Caesar.—Editor

In order to break into the radio first obtain the following:

1 brace and bit.
1 stick of dynamite
1 cap and fuse.
1 axe.

Procedure will depend upon whether the radio belongs to you, or whether you bought it because it was so priced "anybody" could own it. However, it doesn't make a great deal of difference, so in either case bore half a dozen holes in the cabinet, insert dynamite in convenient lengths with caps and fuses attached, tune in a very high soprano, and then ignite the fuses. You will be agreeably surprised at the relief the explosion will bring. It will make you very happy. If there is anything left use the axe freely.

Breaking into a radio studio is another matter again. If you haven't any burglar's tools, and no friends among burglars, you had best leave this to those who are more skilled in such matters than yourself.

One or two of you may be interested in getting "on" the radio. Singing or shouting into the microphone, talking and hollering, and things like that. That is something else again. It is a very dangerous thing to attempt. Few who succeed survive for very long afterward. However, if you are still determined to try, the following suggestions may prove helpful:

First, listen in to the radio for three or four years, or until you are thoroughly convinced that all radio artists are terrible and you could sing and yell better than any of them if you only had a chance. Then swallow all of your pride with one loud gulp and begin a search for the program director of the station you like the best because you have more superior to it than any other. This may take months.

Once located, it is essential you have a friendly little chat with the program director, during which you make clear the following facts: First, that all of your friends are firmly convinced you have a very wonderful voice and you have never contradicted them. Second, that you know a great many songs, including Dawning, Trees, In the Garden of My Heart, I Love You Truly and By the Waters of the Minnetonka. Third, that you would like very much to get on the radio and you don't see how a lot of those people on that very station ever got there because they seldom sing on key and their voices are as cracked as a set of false teeth that have been dropped to the pavement from the fortieth story of the Telephone Building.

This will secure you a place in the program director's good graces and assure you that your audition will be attentively and sympathetically listened to.

Singing into a microphone for the first time will prove to be very good practice in case you are ever subsequently sentenced to hang. First approaches to microphone and noose are very similar in their effects upon the human system. Don't become worried if you feel that the microphone has suddenly blossomed forth into a lawn sprinkler—it is only your imagination, plus your perspiration.

After the first chorus, run, don't walk, to the nearest exit. Some day, far in the future, you may want to come back—for a visit.

In singing around the house, at parties and places like that, it is well to remember that the responsibility of the song writer ceased when he wrote the song. He can't sing it for you—he can't even beat time with his foot—he's too far away. To steal a ride on the tune is not enough. You must have a more intimate acquaintance with it than that. Make the words part of your own experience. Sing them as if they were never written—like you were using them for the first time because you were living them. This is not easy, but it's the secret of success.

When you can do it before a studio microphone, if you try to bolt after the first chorus you will find all of the exits blocked by program directors and announcers with bludgeons in their hands and welcome in their eyes.

We forgot to mention that it's always best to forget your music when seeking an audition. It puts the accompanist and announcer in good humor and adds to the general merriment of the occasion.
Atwater Kent Radio

As each Radio Show rolls by, the retailer, as well as the public, must be impressed by the consistency and goodness of Atwater Kent merchandise. Year after year, models and designs have been brought forward that have been saleable, sensible and sound. Without radical innovations, with no untried improvements, Atwater Kent has consistently produced just downright, plain, fine, receivers. And the sales tell the story.

This year Atwater Kent has true Screen-Grid Radio, and full Screen-Grid performance. These sets step ahead of anything equipped with the old style tubes.

Ernest Ingold, Inc.
930 Van Ness Avenue           San Francisco
Wave Length-Kilocycle-Channel Conversion Table

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

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This Beautiful Leatherette Cover---FREE

with a one year subscription to
BROADCAST WEEKLY

This cover has been designed especially for a copy of Broadcast Weekly. It has an elastic cord in the center, under which the copy is fitted. Made of the best grade of imitation leather, it will last for years. It is of dark mahogany color with gold lettering. It will lend prestige to any radio and something that you will be proud to have on your set. If you are a present subscriber then you can extend your subscription for one year and get this beautiful cover free.

BROADCAST WEEKLY PUB. CO.
726 Pacific Building, San Francisco

Gentlemen: Here's my Three ($3) Dollars, for which you may send me "Broadcast Weekly" for one year and the leatherette cover.

Name

Address

City

New

Extension
**MANY SEEK RADIO TRAINING**

That many are waking up to the vast opportunities being created in various branches of radio is indicated by the number of men and young men seeking special radio training. The National Radio Institute of Washington, D.C., which was founded in 1914 reports an increase in its student membership of over 97 per cent in three years.

Due to radio's rapid development and the application of radio principles to the allied fields of public address systems, talking movies, and numerous commercial enterprises, all the technical men that will be trained for years to come will be easily absorbed by the industry declared, Mr. J. E. Smith, the Institute's president, in a recent discussion on radio's outlook.

**"SPEED" PRODUCTION SPEEDED UP TO 25,000 TUBES PER DAY**

Announcement has been made from the headquarters of the Cable Radio Tube Corporation at 84-90 N. Ninth Street, Brooklyn, that new equipment and new plant capacity will soon give cable daily production of 25,000 tubes; 15,000 will be types for electric sets and 10,000 will be battery types.

In addition to the main factory a plant has been acquired to produce parts and tools needed for the manufacture of highest quality tubes.

Altogether 47,000 square feet of space are now devoted to the manufacture of SPEED Tubes.

This increased capacity is needed to take care of a great volume of unfilled SPEED orders now on hand.

**CANNED BROADCAST PROGRAMS**

Canned radio programs, or musical selections from phonograph records, are becoming an ever-increasing factor in broadcasting, states J. E. Smith, President, National Radio Institute of Washington, D.C.

"There are organizations now engaged in supplying smaller broadcasting stations with multiple turntable pick-ups and special disk records, so that proper radio entertainment may be provided for locally sponsored programs. With the right kind of equipment and these phonograph records, it is virtually impossible to detect the difference between the original feature and the recorded version. When using standard disk records bought on the open market, the broadcasters are obliged to announce the name and maker of the record, but not so with the special records, so that the illusion of broadcasting from life is complete.

"The small local broadcasting station has a definite place in the picture, and I believe the record system of programs is going to insure a real job for the little broadcaster, provided he exerts every care in keeping his transmission up to the mark, concludes Mr. Smith.

**THE COMPLETE DISAPPEARANCE**

(Continued from Page 18)

has bought herself a title and will go to Paris in a month or so to collect it. You and I—what had we bagged for ourselves? Ciphers, mahogany and a gold rattle! "H. P.—nothing else!" Carmody echoed a grim assent.

"Well, Dan—I've seen that for a year. That's why I broke you. That was justice for what you did to me. I broke myself by dropping out of it. That was justice for myself. Dan—I've got a ranch out here with a few head of cattle and I need a partner to help me live a white man's life. How about it? We'll ride the range, sling our own chow, tune in on the sweating world when we feel like it and get a new slant on it from a high, cool spot, and . . ." 

"And we'll never go back!" finished Dan Carmody fervently. "We'll never go back!" "No, Dan—we'll never go back—not until . . ." His eyes were on the blue ridge across the valley, blue even in the moonlight . . . not until we can ride the range on macadam and small sage in the subway . . .!"

Their fingers gripped, there is the shadow, and the disappearance of Dalton of Dalton Steel, Inc., was completed.

**Broadcast Weekly devotes more space to station programs than any magazine or newspaper in the United States.**
# Best Bets for the Week

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SUNDAY Programs

Aug. 25, 1929

Calmon Luboviski
KNX—9:00 p.m.

Alvin Thomas
KJBS—Announcer

Eugenia Bem
KGO—6:45 p.m.

J. D. Barry
KGO—4:30 p.m.

491.5 Meters
KFRC
610 Kcys.
Channel 61
1000 Watts
9 to 12 noon—"Home Sweet Home" concert
12 to 1:15 p.m.—Sherman, Clay noonday concert
1:15 to 2:15 p.m.—Jean Wakefield, Bob and his zither, Dick McCaffrey and Tom Quirk, and Alice Blue
2:15 to 3:15 p.m.—Recordings
3:16 to 4 p.m.—Art Fadden, pianist
4 to 5 p.m.—Musical record program
5 to 6 p.m.—Majestic "Theater of the Air," CBS
6 to 7 p.m.—Paul Carson, organist; Lucille Atherton Harger, contralto, and Marjorie Coletti, pianist, with violin and harp
7 to 7:30 p.m.—Robert Olsen, song recital; Mary Pasmore, violinist; Frank Moss, pianist
7:30 to 8 p.m.—Harold Dana, baritone, and Novelty Six
8 to 9 p.m.—Charles Bulotti, tenor; Juanita Tennyson, soprano, and concert orchestra, directed by Frank Moss
9 to 11 p.m.—Tom Gerunovich's Roof Garden Orchestra
11 to 12 midnight—New Mandarin Cabaret Band

379.5 Meters
KGO
790 Kcys.
Channel 79
10,000 Watts
General Electric Co., Oakland, California
11 to 12:15 p.m.—First Congregational Church service, San Francisco; Rev. Chauncey J. Hawkins, D.D., pastor
12:15 to 1:30 p.m.—National Sunday Forum, NBC
1:30 to 2:30 p.m.—Sunday concert, NBC
2:30 to 3 p.m.—Whittall Anglo-Persians, NBC
3 to 4 p.m.—Afternoon concert, NBC
4 to 4:30 p.m.—Grace LePage, soprano; Annabelle Jones Rose, contralto; Carrie Jones Teel, pianist
4:30 to 5:15 p.m.—"What's Happening in the World," John D. Barry
5:15 to 5:45 p.m.—Atwater Kent program, NBC
5:45 to 6:15 p.m.—Hudson Bay Fur program
6:15 to 6:45 p.m.—Studebaker Champions, NBC
6:45 to 7:45 p.m.—Stanislas Bem's Little Symphony
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 9 p.m.—First Congregational Church service, San Francisco; Rev. Chauncey J. Hawkins, D.D., pastor
9 to 9:30 p.m.—The Reader's Guide, Joseph Henry Jackson

243.8 Meters
KOMO
1(YA
920 Kcys.
Channel 92
1000 Watts
Pacific Broadcasting Corp., San Francisco

10 a.m.—International Bible Students' Ass'n
11 a.m.—Madelin Dvorak; Aurelio Sciacqua, tenor
11:15 a.m.—Plymouth Congregational Church
12:15 p.m.—National Sunday Forum, NBC
1:30 p.m.—Sunday Concert, NBC
2:30 p.m.—Whittall Anglo-Persians, NBC
3 p.m.—First Concert, NBC
4:15 p.m.—Radio Guild, NBC
5:15 p.m.—Atwater Kent artists, NBC
5:45 p.m.—Orchestra; Aurelio Sciacqua, tenor
6:15 p.m.—Studebaker Champions, NBC
6:45 p.m.—Orchestra; Helen Hoover and Chas. Stay
7:45 p.m.—Enna Jettick Melodies, NBC
8 p.m.—First Church of Christ, Scientist
8:15 p.m.—Orchestra; Helen Hoover and Chas. Stay
10 to 11 p.m.—Orchestra; Helen Hoover

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

4 p.m.—Earl Kass, baritone
4:15 p.m.—"Radio Guild," NBC
5:15 p.m.—Atwater Kent Hour, NBC
5:45 p.m.—Biblical drama, NBC
6:15 p.m.—Atwater Kent program, NBC
6:45 p.m.—Standard Instrumental Quartet, featured soloist
7:15 p.m.—"Amos 'n Andy, NBC eastern network
7:30 p.m.—Harmony Night Hawks
8 p.m.—L. D. S. services
9 p.m.—Criterion Male Quartet and Melody Instrumental Trio
SUNDAY Programs

National Broadcasting Company

12 to 1:30 p.m.—National Sunday Forum
The temper of our time is to look more for the footprints of the Living God than for the footprints of the good," Dr. Ralph W. Sockman will declare in his weekly sermon today. Music for the service will be provided by the Oratorio Choristers under George Dilworth's direction and by Hart Giddings, organist. Dr. Sockman's "Question Box" will complete the religious program.

Broadcast through KHQ and KPO (12 to 1:30 p.m.), KOMO and KGO from 12:15 to 1:30 p.m.

1:30 to 2:30 and 3 to 4:15 p.m.—Sunday Afternoon Concert
With Henry Robertson, tenor, as guest soloist, Charles Hart as orchestral conductor, and a quartet of feminine vocalists to sing gospel hymns, the Sunday Afternoon Concert will be broadcast through KHQ, KOMO and KGO from 1:30 to 2:30 and 3 to 4. KFI from 2 to 2:30 and 3 to 4 and KGW from 3 to 4:15 p.m.

2:30 to 3 p.m.—Whittall Anglo-Persians
A dancing figure in the sunlit Bohemian mountains is pictured in the colorful music of Saint-Saëns, "Dance of a Gypsy," the opening selection to be played. This number and the second, "Gigue and Finale," are taken from the French composer's ballet divertissement, "Henry VIII." Louis Kotzman will direct the Whittall Anglo-Persians as they play these and six other selections. Albi's descriptive piece, "Ball Room Chatter," and a salon arrangement of "Chloe" are two additional numbers of especial interest.

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

4:15 to 5:15 p.m.—Radio Guild
Drama will be broadcast through a nationwide network as the Radio Guild offers another presentation of an outstanding dramatic work this afternoon through Pacific Coast station KOMO.

5:15 to 5:45 p.m.—Atwater Kent program
William Simmons, distinguished American baritone, who advocates songs in English for American audiences, will sing a group of songs by American composers during the half hour. He has been heard for several seasons in the Atwater Kent Radio Hour programs and has appeared also in various parts of the country in oratorios, concert performances and with orchestras.

Born in Troy, New York, Simmons looked upon the collar trade as a proper line of activity for any ambitious person. He did enter that business, but discovered that he had a voice with potentialities and determined to train it. He won a scholarship admitting him to a school of opera in New York and his career was started.

This Atwater Kent concert will be broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

5:45 to 6:15 p.m.—Biblical Dramas
A coast-to-coast audience will hear another dramatized Bible story when the weekly Biblical Drama is broadcast through KHQ and KPO.

6:15 to 6:45 p.m.—Studebaker Champions
Musical comedy, operaetta and motion picture song successes will compose half of the eight numbers the Studebaker Champions will play during their broadcast.

"Baby's Awake Now," from the recent Broadway show, "Spring Is Here," introduces the 30-piece orchestra under Jess Goldkette's direction. The popular and tuneful hit, "Only a Rose," from Friml's "The Vagabond King," and "Welcome Home" from the screen production, "On With the Show," are also scheduled.

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

10 a.m.—L. A. Church Federation program
2 p.m.—Musical program, NBC
3:30 p.m.—Whittall Anglo Persians, NBC
5 p.m.—Genevieve Benedict, "Science of Life"
7:15 p.m.—Atwater Kent program, NBC
9:30 p.m.—Studio program
11 p.m.—Studebaker Champions, NBC
440.9 Meters
KPO  Channel 68
5000 Watts
Hale Bros. & The Chronicle, San Francisco
9 to 9:45 a.m.—Sabbath hour with Theodore Strong, organist, and the Clarion Four
9:45 to 10:30 a.m.—Interdenominational and non-sectarian church services, Dr. H. T. Shaw of West Side Christian Church
10:45 a.m.—Bank of America of California
12 to 1:30 p.m.—National Sunday Forum, NBC
1:30 to 2:30 p.m.—Afternoon Concert, NBC
2:30 to 3 p.m.—Whittall Anglo-Persians, NBC
3 to 4:15 p.m.—Afternoon Concert, NBC
4:15 to 5:15 p.m.—KPO Salon Orchestra
5:15 to 5:45 p.m.—Atwater Kent program, NBC
5:45 to 6:15 p.m.—Bible drama, NBC
6:15 to 6:45 p.m.—Studebaker program, NBC
6:45 to 7 p.m.—Baseball scores
7 to 7:45 p.m.—Evening musicale by Uda Waldrup, with Emma Mesow Fitch, contralto
7:45 to 8:15 p.m.—Emma Jettick Melodies, NBC
8 to 8:30 p.m.—Rudy Seiger and his Fairmont Hotel Concert Orchestra
8 to 8:30 p.m.—North Amer. Bldg. -Loan Ass'n
8:30 to 9 p.m.—Chas. Besserer, organist
9 to 9:30 p.m.—All Saints' Cathedral
9 to 10 p.m.—City Service Little-Symphony
10 to 11 p.m.—Arthur Shaw, organist; Emmet Dorman, violinist; Joan Ray, contralto
11 to 1 a.m.—Nite Owls with Willard W. Kimball

333.1 Meters
KHJ  Channel 90
1000 Watts
Don Lee, Inc., Los Angeles, California
8 to 9 a.m.—Late recordings
9 to 11 a.m.—Program from KFRC
11 to 12:30 p.m.—First M. E. Church services
12:30 to 1:15 p.m.—Recordings
1:15 to 2 p.m.—Program from KFRC
2 to 3:15 p.m.—Recordings
3:15 to 4 p.m.—Art Padden, pianist, KFRC
4 to 6 p.m.—Recordings
6 to 6:30 p.m.—Talk by Ernest Holmes
6:30 to 7 p.m.—Dr. Theodore Curtis Abel
7 to 8 p.m.—First M. E. Church services
8 to 11 p.m.—Program from KFRC
11 to 1 a.m.—Wesley Tourtellotte, organist

285.5 Meters
KNX  Channel 105
5000 Watts
L. A. Evening Express, Los Angeles, Calif.
9 to 10 a.m.—Musical program
11 to 12:30 p.m.—First Presbyterian Church of Hollywood
12:30 to 1 p.m.—Musical program
1 to 2 p.m.—International Bible Students' Asso.
2 to 4 p.m.—City Park Board musical program
4 to 5 p.m.—Radio Church of the Air
5:30 to 6 p.m.—First M. E. Church services
6 to 6:30 p.m.—Talk by Ernest Holmes
6:30 to 7 p.m.—Dr. Theodore Curtis Abel
7 to 8 p.m.—First Presbyterian Church of Hollywood
8 to 11 p.m.—Program from KFRC
11 to 1 a.m.—Wesley Tourtellotte, organist

296.6 Meters
KQW  Channel 101
5000 Watts
First Baptist Church, San Jose, California
10:15 to 11 a.m.—Sunday School services by Fred J. Hart
11 to 12:30 p.m.—Morning services, First Baptist Church, conducted by Rev. Paul H. Ralstin
7:30 to 9 p.m.—Evening services, First Baptist Church

229 Meters
KXL  Channel 125
5000 Watts
KXL Broadcasters, Inc., Portland, Ore.
5 to 5:30 p.m.—Bethel Church
5:30 to 7:30 p.m.—Dinner music
7:30 to 8 p.m.—Bill Darby's Orchestra
8 to 9 p.m.—Studio program
9 to 10 p.m.—Curt Kremer's Orchestra
10 to 12 midnight—Evening music
12 to 7 a.m.—Dorado Club Sleepwreckers

545.1 Meters
KTAB  Channel 55
500 Watts
Pickwick Broadcasting Co., Oakland, Calif.
9 to 10 a.m.—Dr. B. L. Corley
10 to 11 a.m.—Bible Class
11 to 12:30 p.m.—Morning prayer
12:30 to 1 p.m.—Organ recital
5 to 6 p.m.—Organ recital
6 to 7 p.m.—Edison Hour
7 to 7:30 p.m.—Alda Luther, soprano; Lupe Luna, pianist
7:30 to 9:30 p.m.—Tenth Avenue Baptist Church
9:30 to 10 a.m.—Recordings
10 to 11 p.m.—Arthur Shaw, organist; Emmet Dorman, violinist; Joan Ray, contralto
11 to 1 a.m.—Nite Owls with Willard W. Kimball
TWO SHORT YEARS AGO

IT SEEMS incredible that only two short years ago the Dynamic principle was in its infancy. Talking movies were unheard of. Radio (though rapidly advancing) was in the stage of thin inadequate reception. Peter L. Jensen, co-inventor of the Dynamic principle of sound reproduction displayed his first Dynamic type Speaker at the Radio Shows. People were immediately impressed at the vast difference, and in those two short years, the Jensen Manufacturing Company has grown to a great national organization. New refinements and changes mark the present line of Jensen Speakers . . . but fundamentally, it still remains the Finest Speaker in Radio.
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| **322.4 Meters**  
**KFWM**  
Channel 93  
930 Kcys.  
500 Watts  
Oakland Educational Society, Oakland, Cal.  
6 to 7 a.m.—Coast to coast chain broadcast, Judge J. F. Rutherford  
9:15 to 11 a.m.—Organ prelude; children's radio story; Bible discourse; special vocal and instrumental selections; vocal solos and duets by Pha Fraser, contralto, and Henry Edson, tenor  
11 to 12 noon—Musical program under the direction of Pha Fraser  
12 to 1 p.m.—Instrumental trio  
1 to 1:25 p.m.—Bible questions and answers, Robert Craig  
1:25 to 2:30 p.m.—Musical program presented by the Jubilante Singers of San Francisco; discourse, "Reconciliation"  
6 to 7:45 p.m.—Congregational singing; Bible lecture; Bible dialogue; vocal and instrumental selections  
9:15 to 10:15 p.m.—Special Polish musical program with discourse in Polish language  |
| **239.9 Meters**  
**KFOX**  
Channel 125  
1250 Kcys.  
1000 Watts  
Nichols & Warinner, Long Beach, Calif.  
7 to 8 a.m.—Program from KGFJ  
9 to 10 a.m.—Orchestra and light opera records  
10 to 11 a.m.—Organ recital, Roy Medcalfe  
11 to 12:30 p.m.—St. Luke's Episcopal Church  
12:30 to 1 p.m.—Musical program  
1 to 2 p.m.—Novelty Trio  
2 to 2:30 p.m.—Rebroadcast, KGFJ  
2:30 to 4 p.m.—Long Beach Municipal Band  
4 to 5 p.m.—Organ recital  
5 to 5:30 p.m.—Texas Cowboys  
5:30 to 6 p.m.—Doris, Grace and Foster  
6 to 7 p.m.—Studios to orchestra  
7 to 8 p.m.—Hollywood Girls  
8 to 9 p.m.—First Church of Christ, Scientist  
9 to 11 p.m.—Hancock Oil Company  
11 to 3 a.m.—Dorado Club, Four Red Coats  |
| **422.3 Meters**  
**KFVD**  
Channel 71  
710 Kcys.  
250 Watts  
Auburn Fuller, Culver City, Calif.  
8 a.m.—Popular program  
9 a.m.—Organ requests  
10 a.m.—Classical program  
11:30 a.m.—Carey Preston Rittmeister  
12 noon—Barrows Hour  
2 p.m.—Comedy gossip  
2:30 p.m.—Sacred half hour  
3 p.m.—Eldorado program  
4 p.m.—De Witt Hagar's program  
5 p.m.—Orange County Fair program  
10 p.m.—Records  |
| **319.0 Meters**  
**KOIN**  
Channel 94  
940 Kcys.  
1000 Watts  
The Portland News, Portland, Oregon  
12 to 1 p.m.—Portland Theater organ  
1:30 to 2:30 p.m.—Four-Square Gospel service and orchestra  
6 to 7 p.m.—Heathman Hotel pipe organ  
7 to 7:35 p.m.—Benson Hotel Orchestra  
7 to 8 p.m.—First Church of Christ, Scientist  
9 to 10 p.m.—Orchestral concert  
10 to 11 p.m.—Warner Stone's orchestra  |

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

In spite of refinements and improvements, the "magneto" speaker cannot give the essential reproduction over the entire range which the Jensen Dynamic Speaker has achieved. For some time, the Jensen Dynamiters have been working on the development of a speaker of this nature, and a principle has been evolved which is a triumph of musical discrimination. Already the tremendous popularity of the Jensen Dynamic Speaker proves its worth. To us, an achievement of life-like reproduction made in its own way is performance.

This is the first of a series of Jen sen announcements. The latest is to detail the main advantages of the Jensen Dynamic Speaker.

JENSEN DYNAMIC SPEAKER
The Finest in Radio

Original Jensen Announcement

IT SEEMS incredible. Two short years ago, the principle of sound reproduction was in the stage of reception. Peter I co-inventor of the Jensen Dynamic Speaker, displayed his first type Speaker at t...
SHORT YEARS AGO

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and in those two short years, the
Jensen Manufacturing Company
has grown to a great national
organization. New refinements
and changes mark the present
line of Jensen Speakers . . .
but fundamentally, it still re-
ains the Finest Speaker in
Radio.

Jensen
ELECTRO-DYNAMIC
 SPEAKER
MONDAY Programs

Aug. 26, 1929

440.9 Meters
KPO Channel 68
680 Kcys.
5000 Watts
Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m.—S. & W. health exercises by Hugh Barret Dobbs and William H. Hancock
8 to 9 a.m.—Shell Happy Time by Hugh Barret Dobbs and William H. Hancock
9:30 to 10 a.m.—Dobbsie's Daily Chat
10 to 10:15 a.m.—Art talk, Helen Barker
10:30 to 11:30 a.m.—Magazine of the Air, NBC
12 to 12:05 p.m.—Scripture reading; announcements
12:05 to 1 p.m.—Aeolian Trio
1 to 1:30 p.m.—Jerry Jermaine, balladist
1:30 to 2 p.m.—Ann Warner's Home Chats
2 to 2:30 p.m.—Mormon Tabernacle Choir, NBC
2:30 to 3:15 p.m.—The Aeolian Trio
3:15 to 3:30 p.m.—Bank of Amer. of California, stock quotations, radiograms, missing people
3:30 to 3:45 p.m.—Dept. of Commerce talk
3:45 to 4 p.m.—Calif. Dev. Ass'n talk
4 to 4:50 p.m.—Children's hour
4:50 p.m.—Baseball scores
5 to 5:30 p.m.—Edison program, NBC
5:30 to 6 p.m.—General Motors program, NBC
6 to 6:30 p.m.—Neapolitan Nights, NBC
6:30 to 7 p.m.—Floyd Gibbons, NBC
7 to 8 p.m.—Daily Reologue
8 to 9 p.m.—Shell Symphonists, NBC
9 to 9:30 p.m.—Voice of Firestone, NBC
9:30 to 10 p.m.—Tommy Monroe and Bob Allen
10 to 11 p.m.—KPO Revue
11 to 11:02 p.m.—Kozak Radiogram
11:02 to 12 midnight—KPO Revue

265.3 Meters
KSL Channel 113
1130 Kcys.
5000 Watts
Radio Service Corp., Salt Lake City, Utah
5 p.m.—Edison program, NBC
5:30 p.m.—Family Party, NBC
6:30 p.m.—Floyd Gibbons, NBC
7 p.m.—Melvin Peterson, baritone
7:15 p.m.—Amos 'n' Andy, NBC eastern network
7:30 p.m.—Tom McHugh, golf professional
7:45 p.m.—Hawaiian Duo
8 p.m.—The Jewel Box
8:30 p.m.—Variety program
9 p.m.—The Voice of Firestone, NBC
9:30 p.m.—Plantation Echoes, NBC
10:10 p.m.—Slumber Hour, NBC

545.1 Meters
KTAB Channel 55
550 Kcys.
500 Watts
Pickwick Broadcasting Co., Oakland, Calif.
7 to 8 a.m.—Rastus and Sambo
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—Willard W. Kimball, Chasing the Blues
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 4 p.m.—Matinee Melodists
4 to 5 p.m.—The Home Towners
5 to 6 p.m.—Brother Bob's frolic
6 to 6:30 p.m.—Barney Lewis
6:30 to 7 p.m.—Twilight Hour
7 to 7:15 p.m.—Sport talk
7:15 to 7:30 p.m.—Resort news
7:30 to 8 p.m.—Studio program
8 to 9 p.m.—Arthur Shaw, organist
9 to 10 p.m.—Pickwick Symphonette with Lou Gordon, tenor, and Jane Sargeant Sands, pianist
10 to 11 p.m.—Estelle Moran, pianist; Carl Tobin, tenor; Al Ryan, baritone
11 to 1 a.m.—Nite Owls with Willard W. Kimball

296.6 Meters
KQW Channel 101
1010 Kcys.
500 Watts
First Baptist Church, San Jose, California
10 to 11 a.m.—Helpful Hour
11 to 12 noon—Santa Cruz program
12 to 12:30 p.m.—Musical program
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 5:45 p.m.—Musical program
5:45 to 6 p.m.—Frigidaire 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 6:50 p.m.—Weather, market reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—Farm Bureau radio news
8 to 9 p.m.—Musical program
9 to 9:30 p.m.—Santa Cruz program
MONDAY Programs

National Broadcasting Company

10:30 to 11:30 a.m.—"Woman's Magazine of the Air"—It's the first program of this series. "Hits and bits" of requested excerpts from previous programs will be part of the broadcast.

Another portion of the hour will bring a group of organ solos played by Elmer Crowhurst. Helen Webster's "Household Hints" will be heard during a third period.

Bennie Walker will act as master of ceremonies.

Broadcast through KHQ, KOMO (10:45 to 11:30 a.m.), KGW, KGO and KPO.

2 to 2:30 p.m.—Mormon Tabernacle program

Two of the members of the Salt Lake Tabernacle Choir will appear as soloists with the 300-voice chorus. Cannon Lund and Jesse Evans will sing together in Parks' "I Will Arise," the opening selection by the choir under Anthony C. Lund's direction.

At the console of the great organ will be Alexander Schreiber, whose specialties will include a brilliant "Toccata" by Deveraux. Handel's majestic and great "Hallelujah," sung by the choir, closes the program.

Broadcast through KOMO, KGO and KPO.

5 to 5:30 p.m.—Edison program

The Edison program, devoted to more "favorite music of famous people," will be broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

5:30 to 6 p.m.—General Motors Family Party

Russian melodies, played in the characteristic native manner by Koutznetzoff's Russians, will be high-lights of the General Motors program.

Besides the group of foreign musicians, the Frigliade Quartet and a concert orchestra will participate in the half hour of music.

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

6 to 6:30 p.m.—"Neapolitan Nights"

"Barcarolle Napolitana," a composition of "Household Hints" will be heard during a third period.

"Barcarolle Napolitana," a composition of Vincent Paladino, leader of the Paladino Mandolin Quartet, will be offered by that group as a feature on this program.

Romance will be expressed in the selections of the orchestra, the Neapolitan Singers under Giuseppe di Benedetto's direction, Nino Fucile, baritone; Joe Biviano, accordionist, and a soprano soloist. Di Benedetto will also offer a solo, singing "Like the Waves".

Broadcast through KOMO, KGW, KGO and KPO.

6:30 to 7 p.m.—Floyd Gibbons—Headline Hunter

Another of Floyd Gibbons' tales of personal experience in "headline hunting" in various parts of the world will be broadcast through KOMO, KGW and KPO.

7 to 8 p.m.—"In Danceland"

Newest syncopated melodies from Tin Pan Alley will be played by an orchestra under Joseph Hornik's direction. Intermission specialties will be provided by Henry Starr, pianologist.

Broadcast through KHQ, KOMO (7:30 to 8 p.m.) and KGW.

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

In response to requests, Rudy Selger's Shell Symphonists will present their interpretation of Grieg's serene and lovely "Morning" from the "Peer Gynt" Suite. R. Kirs, 'cellist, will be the soloist during tonight's program, details of which follow:

Orchestra—Selections—"Tales of Hoffman"—By request.
Orchestra—Deep River—Coleridge-Taylor
Orchestra—Manzanillo—Robin
Orchestra—Three Dances—Henry VIII—By request.
Orchestra—Valse Poudree—Poppe
Orchestra—Madrigale—Simonetti
Orchestra—Midnight Bells—Kreisler
Orchestra—Morning—"Peer Gynt"

(By request)

Orchestra—Selections—"Sony"—Kern

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

9 to 9:30 p.m.—Voice of Firestone

Easton Kent, tenor; Marian Gilbert, contralto; the Firestone Choristers under Mynard Jones' direction and the 32-piece Firestone Orchestra under Max Dolin's baton will present this program.

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

9:30 to 10 p.m.—Plantation Echoes

New enthrallment will be planned by the hospitable Judge Chandler for his guests. Music will be combined with humorous dialogue during the program, in which the friendly atmosphere of the South prevails. Ethel Wakefield, soprano; Charles Marshall, Sylvano Dale, the Southern Harmony Four and members of the NBC Stock Company will be heard.

Broadcast through KSL and KOA.

10 to 11 p.m.—Slumber Hour

Pastoral music will soothe listeners as "An American Idyll" is played at the beginning of this broadcast.

Under Max Dolin's direction the orchestra will present the selections which include compositions of Strauss, Hadley, Dellbes and Tchaikovsky. The soloist will be Harold Spaulding, tenor.

Broadcast through KSL and KOA.

285.5 Meters

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
8:40 to 8:55 a.m.—"Bellco" 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 to 11:30 a.m.—Georgia O. George beauty talk
11:30 to 12 noon—"So-A-Tone" broadcast
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3:30 to 4 p.m.—Clark's Blue Monday frolic
4 to 4:30 p.m.—Lost and found announcements, market reports
4:30 to 5 p.m.—C. P. R.'s musical program
5:15 to 5:45 p.m.—Chat Mittendorf
5:45 to 6 p.m.—Amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX Concert Orchestra
7 to 7:30 p.m.—KNX feature artists
7:30 to 8 p.m.—One-act play, directed by Georgia Fifield
8 to 9 p.m.—Paramount hour, presenting famous personalities of the screen, Paramount Orchestra, etc.
9 to 10 p.m.—KNX feature artists
10 to 12 midnight—Jackie Taylor's Cocoanut Grove Orchestra
12 to 1 a.m.—Record program
### Monday Programs

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 a.m.</td>
<td>World-wide news</td>
</tr>
<tr>
<td>6:30 a.m.</td>
<td>Convention, and soloists</td>
</tr>
<tr>
<td>7:00 a.m.</td>
<td>“Great Day Jamboree”</td>
</tr>
<tr>
<td>7:30 a.m.</td>
<td>Physical culture period</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Physician from U. C.</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>“Peek a Boo”</td>
</tr>
<tr>
<td>8:45 a.m.</td>
<td>“The Story Man”</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>General Motors Party, NBC</td>
</tr>
<tr>
<td>9:15 a.m.</td>
<td>Opening stocks, weather</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Firestone program, NBC</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Sunshine Liberty organ</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>“Women’s Magazine of the Air,”</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>“Women’s Magazine of the Air,”</td>
</tr>
<tr>
<td>12:00 m.</td>
<td>Voice of Firestone, NBC</td>
</tr>
<tr>
<td>12:30 m.</td>
<td>Organ recital</td>
</tr>
<tr>
<td>1:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>1:30 m.</td>
<td>“Women’s Magazine of the Air,”</td>
</tr>
<tr>
<td>2:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>2:30 m.</td>
<td>Drama</td>
</tr>
<tr>
<td>3:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>3:30 m.</td>
<td>“Women’s Magazine of the Air,”</td>
</tr>
<tr>
<td>4:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>4:30 m.</td>
<td>“Women’s Magazine of the Air,”</td>
</tr>
<tr>
<td>5:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>5:30 m.</td>
<td>Organ recital</td>
</tr>
<tr>
<td>6:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>6:30 m.</td>
<td>“Women’s Magazine of the Air,”</td>
</tr>
<tr>
<td>7:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>7:30 m.</td>
<td>Organ recital</td>
</tr>
<tr>
<td>8:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>8:30 m.</td>
<td>“Women’s Magazine of the Air,”</td>
</tr>
<tr>
<td>9:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>9:30 m.</td>
<td>Organ recital</td>
</tr>
<tr>
<td>10:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>10:30 m.</td>
<td>Organ recital</td>
</tr>
<tr>
<td>11:00 m.</td>
<td>“Sunshine Liberty organ”</td>
</tr>
<tr>
<td>11:30 m.</td>
<td>Organ recital</td>
</tr>
</tbody>
</table>

**Broadcast Weekly**

### 340.7 Meters

<table>
<thead>
<tr>
<th>Station</th>
<th>Channel</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>KLX</td>
<td>880 Kcys.</td>
<td>500 Watts</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 to 8 a.m.</td>
<td>Exercises; stocks</td>
</tr>
<tr>
<td>8 to 9 a.m.</td>
<td>Jean Kent</td>
</tr>
<tr>
<td>9 to 9:30 a.m.</td>
<td>Modern Homes period</td>
</tr>
<tr>
<td>9:30 to 10:15 a.m.</td>
<td>Recordings</td>
</tr>
<tr>
<td>10:15 to 10:30 a.m.</td>
<td>Opening sessions, weather</td>
</tr>
<tr>
<td>10:30 to 10:50 a.m.</td>
<td>Recordings</td>
</tr>
<tr>
<td>10:50 to 11 a.m.</td>
<td>Belco talk</td>
</tr>
<tr>
<td>11 to 12 noon</td>
<td>Classified Adv. Hour</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>McGun, KLX Hawaiians</td>
</tr>
<tr>
<td>1 to 2 p.m.</td>
<td>Jean’s Hi-Lights</td>
</tr>
<tr>
<td>2 to 2:30 p.m.</td>
<td>Recordings</td>
</tr>
<tr>
<td>2:30 to 3:30 p.m.</td>
<td>Opportunity Hour</td>
</tr>
<tr>
<td>3:30 to 5 p.m.</td>
<td>Recordings</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>Brother Bob</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>Jessy Ferra, pianist</td>
</tr>
<tr>
<td>6 to 7 p.m.</td>
<td>Hotel Oakland concert trio</td>
</tr>
<tr>
<td>7 to 7:30 p.m.</td>
<td>News broadcast</td>
</tr>
<tr>
<td>7:30 to 8 p.m.</td>
<td>Edna Fisher</td>
</tr>
<tr>
<td>8 to 9 p.m.</td>
<td>Amat Quartet</td>
</tr>
</tbody>
</table>
| 9 to 9:30 p.m. | Helen Wegman Parmelee, pianist; Edith Per Newcomb, contralto, and Henry Shefford, basso.

### 483.6 Meters

<table>
<thead>
<tr>
<th>Station</th>
<th>Channel</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>KGW</td>
<td>620 Kcys.</td>
<td>1000 Watts</td>
</tr>
</tbody>
</table>

**The Morning Oregonian, Portland, Oregon**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:45 to 8 a.m.</td>
<td>Devotional services</td>
</tr>
<tr>
<td>8 to 9 a.m.</td>
<td>Shell Happy Time, NBC</td>
</tr>
<tr>
<td>9 to 9:10 a.m.</td>
<td>News</td>
</tr>
<tr>
<td>9:10 to 9:20 a.m.</td>
<td>Oregonian Cooking School</td>
</tr>
<tr>
<td>9:30 to 10:30 a.m.</td>
<td>The Town Crier</td>
</tr>
<tr>
<td>10:30 to 11:30 a.m.</td>
<td>Women’s Magazine of the Air,”</td>
</tr>
<tr>
<td>4 to 5 p.m.</td>
<td>Organ</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>Edison program, NBC</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>General Motors Party, NBC</td>
</tr>
<tr>
<td>6 to 6:30 p.m.</td>
<td>Neapolitan Nights, NBC</td>
</tr>
<tr>
<td>6:30 to 7 p.m.</td>
<td>Floyd Gibbons, NBC</td>
</tr>
<tr>
<td>7 to 8 p.m.</td>
<td>Night in Danceland, NBC</td>
</tr>
<tr>
<td>8 to 9 p.m.</td>
<td>Sieger’s Shell Symphonists, NBC</td>
</tr>
<tr>
<td>9 to 9:30 p.m.</td>
<td>Firestone program, NBC</td>
</tr>
<tr>
<td>9:30 to 10:30 p.m.</td>
<td>Drama</td>
</tr>
<tr>
<td>10 to 11 p.m.</td>
<td>Ben Seiling’s Collegiates</td>
</tr>
<tr>
<td>11 to 12 midnight</td>
<td>Organ recital</td>
</tr>
</tbody>
</table>

### 508.2 Meters

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

**Louis Wamer, Inc., Spokane, Washington**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 to 7:30 a.m.</td>
<td>Sunrise Fox Period</td>
</tr>
<tr>
<td>7:30 to 8 a.m.</td>
<td>Model Musical Klock</td>
</tr>
<tr>
<td>8 to 9 a.m.</td>
<td>Shell Happy Time, KPO</td>
</tr>
<tr>
<td>9 to 10 a.m.</td>
<td>Musical Bazaar</td>
</tr>
<tr>
<td>10 to 10:30 a.m.</td>
<td>Sunshine Liberty organ</td>
</tr>
<tr>
<td>10:30 to 11:30 a.m.</td>
<td>Woman’s Magazine of the Air,”</td>
</tr>
<tr>
<td>11:30 to 12 noon</td>
<td>Farmers’ Service Hour</td>
</tr>
<tr>
<td>12 to 12:15 p.m.</td>
<td>Natl’ Sav X luncheon program</td>
</tr>
<tr>
<td>12:15 to 12:30 p.m.</td>
<td>Jones Musical Headlines</td>
</tr>
<tr>
<td>12:30 to 1 p.m.</td>
<td>Voice of Spartan</td>
</tr>
<tr>
<td>1 to 1:30 p.m.</td>
<td>Copeland Musical Review</td>
</tr>
<tr>
<td>1:30 to 1:45 p.m.</td>
<td>Mid-Modern Shops a la Mode</td>
</tr>
<tr>
<td>1:45 to 2 p.m.</td>
<td>Fur Facts</td>
</tr>
<tr>
<td>2 to 2:30 p.m.</td>
<td>Washington Home Service</td>
</tr>
<tr>
<td>2:30 to 3:30 p.m.</td>
<td>Theatrical Preview</td>
</tr>
<tr>
<td>3:30 to 4 p.m.</td>
<td>Saint o’ Mine’ period</td>
</tr>
<tr>
<td>4 to 5 p.m.</td>
<td>Triolian String Ensemble</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>Thos. A. Edison, NBC</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>General Motors Party, NBC</td>
</tr>
<tr>
<td>6 to 6:30 p.m.</td>
<td>Davenport Hotel Orchestra</td>
</tr>
<tr>
<td>6:30 to 7 p.m.</td>
<td>In Danceland, NBC</td>
</tr>
<tr>
<td>7 to 8 p.m.</td>
<td>Seiger’s Shell Symphonists, NBC</td>
</tr>
<tr>
<td>8 to 9 p.m.</td>
<td>Voice of Firestone, NBC</td>
</tr>
<tr>
<td>9 to 9:30 p.m.</td>
<td>Firebowl, NBC</td>
</tr>
<tr>
<td>9:30 to 10 p.m.</td>
<td>Studio program</td>
</tr>
<tr>
<td>10 to 10:30 p.m.</td>
<td>Triolian String Ensemble</td>
</tr>
<tr>
<td>10:30 to 11:30 p.m.</td>
<td>Organ recital</td>
</tr>
<tr>
<td>11:30 to 12 a.m.</td>
<td>Organ recital</td>
</tr>
</tbody>
</table>
MONDAY Programs

468.5 Meters KFI Channel 64
640 Kcys. 5000 Watts
Copyright, 1929, E. C. Anthony, Inc., L. A.
7 a.m.—S. & W. morning exercise
8 a.m.—Shell Happy Time from KPO
9 a.m.—Bess Kilmer’s hints to housewives
11 a.m.—Woman’s Magazine of the Air, NBC
11:30 a.m.—Ivan Sather
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
2 p.m.—“Phenomena”
3 p.m.—Shirley Reid, ballads; Tom Mossman, pianist; Eddie Armstrong, ballads; Ruby Berry, blues
4 p.m.—Hugo Escobar, Spanish lesson
4:30 p.m.—Big Brother
5 p.m.—Elison program, NBC
5:30 p.m.—General Motors Family Party, NBC
7 p.m.—Studio program
8 p.m.—Shell program, NBC
9 p.m.—Voice of Firestone, NBC
10 p.m.—Packard Concert Orchestra, Pryor Moore, director
11 p.m.—KFI news bureau

243.8 Meters KYA Channel 123
1230 Kcys.
Pacific Broadcasting Corp., San Francisco
Due to numerous changes details not available.

280.2 Meters KJBS Channel 107
1070 Kcys.
J. Brunton & Sons, San Francisco, Calif.
7 to 8 a.m.—Early Bird Hour
8 to 9 a.m.—Favorite recordings
9 to 10 a.m.—Vocal and instrumental
10 to 11:45 a.m.—Orthophonic recordings
11:45 to 2 p.m.—Dr. Wiseman, health talk
2 to 3 p.m.—Concert recordings
3 to 4 p.m.—Letterman Hospital period
4 to 4:30 p.m.—Packard Half Hour
4:30 to 5 p.m.—Al Sather in “Songs of the Moment”
5 to 5:30 p.m.—American tunes
5:30 to 6:45 p.m.—Record varieties

319.0 Meters KQIN Channel 94
940 Kcys.
The Portland News, Portland, Oregon
9 to 9:30 a.m.—Organ recital
9:30 to 9:50 a.m.—Cooking school
9:50 to 11:15 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.—Studio
3 to 5 p.m.—News items and music
5 to 8:30 p.m.—String ensemble
5:30 to 6 p.m.—Orchestra
6 to 7 p.m.—Heathman Hotel pipe organ
7 to 7:30 p.m.—The 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.—McEloy’s Oregonians

322.4 Meters KFWI Channel 93
930 Kcys.
Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Health exercises
8 to 9 a.m.—Recordings
9 to 9:30 a.m.—Cal King’s Country Store
9:30 to 10 a.m.—Recordings
10 to 10:30 a.m.—Charlie Glenn, songs
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—News items, police reports
12 to 12:30 p.m.—Edna Swartz Saake, contralto; Jack Manley, violins
12:30 to 1 p.m.—Gloom Chasers
1 to 1:30 p.m.—Cal King’s Country Store
1:30 to 2 p.m.—Recordings
2 to 2:30 p.m.—Pal of the Air
6 to 6:30 p.m.—Pearl May Poore, soprano; Laura Ellen Winsor, pianist and accompanist; Arthur Francis Bergner, baritone
6:30 to 7 p.m.—Happy Chappies
8:30 to 9 p.m.—The Mystery Tenor; Harriet Lewis, accompanist
9 to 10 p.m.—Featuring Emma Mesow Pitch, dramatic contralto; Marie Jansen, acc.
10 to 11 p.m.—Miscellaneous recordings

322.4 Meters KFWM Channel 93
930 Kcys.
Oakland Educational Society, Oakland, Cal.
2:30 to 3:30 p.m.—Musical program under the direction of Pha Fraser
3:30 to 4:30 p.m.—Kingdom talk
4:30 to 5:30 p.m.—The Margie Brothers
4:30 to 5:56 p.m.—Big Brother Walter
5:55 to 6 p.m.—World News
7 to 8 p.m.—Doc Herrold
8 to 9 p.m.—Special Watch Tower program in connection with World-wide Educational Drive

325.9 Meters KOMO Channel 92
920 Kcys.
Fisher’s Blend Station, Seattle, Washington
7:55 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9 a.m.—Theatre organ recital
10 a.m.—Dorothea Wei and Madelin Dvorak, duets
10:15 a.m.—What to Prepare for Dinner
10:30 a.m.—Woman’s Magazine of the Air, NBC
11:30 a.m.—Marmola So-A-Tone
11:45 a.m.—Orchestra and Greenwood Mitchell, baritone
1 p.m.—Orchestra; G. Donald Gray and Hayden Morris
2 p.m.—Tabernacle Choir and organ, NBC
2:30 p.m.—Orchestra; Fred Lynch, tenor
3:30 p.m.—Did you know?
3:45 p.m.—Helen Hoover, Greenwood Mitchell
4 p.m.—Mining stock quotations
4:15 p.m.—Hayden Morris, Helen Hoover and Dorothea Wei
4:45 p.m.—Stock and bond quotations
5 p.m.—Thos. Edison Industries program, NBC
5:30 p.m.—General Motors Party, NBC
5:55 p.m.—Neapolitan Nights, NBC
6:30 p.m.—Floyd Gibbons, NBC
7 p.m.—University of Washington Radio Hour
7:30 p.m.—In Dance Land, NBC
8 p.m.—Seiler’s Shell Symphonists, NBC
9 p.m.—Voice of Firestone, NBC
9:30 p.m.—G. Donald Gray and Helen Hoover
9:45 p.m.—Orchestra
10:45 p.m.—News flashes
11 p.m.—Gyrators with Art Lindsay, popular tenor
12 to 12:30 a.m.—Organ recital
**MONDAY Programs**

379.5 Meters  
**KGO** Channel 79  
900 Kcys.  
General Electric Co., Oakland, California  
10,000 Watts  
9:30 to 10:30 p.m.—California Home Life  
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC  
11:30 to 1 p.m.—Rembrandt Trio; stocks  
2 to 2:30 p.m.—Mormon Tabernacle choir and organ recital, NBC  
4 to 4:30 p.m.—Aunt Betty (Ruth Thompson) stories, KGO KIDDIES' KLUB  
4:30 to 5 p.m.—Stocks; produce, daily bulletins and news  
5 to 5:30 p.m.—Edison Recorders, NBC  
5:30 to 6 p.m.—General Motors Party, NBC  
6 to 6:30 p.m.—“Neapolitan Nights,” NBC  
6:30 to 7 p.m.—Floyd Gibbons, headline hunter, NBC  
7 to 8 p.m.—Bem's Little Symphony Orchestra  
8 to 9 p.m.—Rudy Seiger's Shell Symphonists, NBC  
9 to 9:30 p.m.—The Voice of Firestone, NBC  
9:30 to 10:30 p.m.—General Electric program  
10:30 to 10:45 p.m.—Alaskan news flashes  
10:45 to 11:45 p.m.—Henry Halstead's Hotel St. Francis Dance Orchestra  
315.6 Meters  
**KFDB** Channel 59  
950 Kcys.  
Warner Brothers, Hollywood, California  
1000 Watts  
8 a.m.—Harry Q. Mills, organist; the Harmony Quartet and entertainers  
10 a.m.—Harmony Hour  
11:15 a.m.—Woman's Hour; Melody Trio  
12:30 p.m.—Musical program  
12:45 p.m.—Air Journal  
2:10 p.m.—Pac. Elec. Art, songs  
4:30 p.m.—Radio Varieties  
6:30 p.m.—Musical program  
6:30 p.m.—Harry Jackson's entertainers  
7 p.m.—The 507 Boys  
7:30 p.m.—Jean Leonard, Wizard of the Ivories  
7:45 p.m.—Daily news  
8 p.m.—Jean Cowan, songs; Vernon Rickard, tenor; Tudor Williams, baritone; Don Warner's orchestra; Ann Grey and Buster Dees, soloists; Ray Bailey's sextet  
10 p.m.—Irving Aaronson's Commanders  
11 to 12 midnight—Proff Moore's orchestra  
422.3 Meters  
**KFVD** Channel 71  
710 Kcys.  
Auburn Fuller, Culver City, Calif.  
250 Watts  
7 a.m.—“Happy-Go-Lucky Trio”  
8 a.m.—KFVD Travelogue  
10 a.m.—Popular program  
11:30 a.m.—Carey Preston Rittmester  
12 noon—Tom Brennenman, Recommendation Man  
12:30 p.m.—Tom and Wash  
1:15 p.m.—Hal Roach comedy gossp  
2 p.m.—Helpful hints to housewives  
3 p.m.—Auburn Concert Orchestra  
4 p.m.—Eldorado program  
5:45 p.m.—Timely topics  
8 p.m.—De Witt Hagar's program  
8:30 p.m.—Good Humor Orchestra  
9 p.m.—Auburn Concert Orchestra  
10 p.m.—KFVD Orchestra  
11 to 1 a.m.—Sebastian's Cotton Club Orchestra  
239.9 Meters  
**KFOX** Channel 125  
1250 Kcys.  
Nichols & Warinner, Long Beach, Calif.  
1000 Watts  
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 8:15 a.m.—Records  
8:15 to 8:45 a.m.—Bright and Early Hour  
8:45 to 9:20 a.m.—Novelty program  
9:20 to 9:30 a.m.—Organ recital  
9:30 to 9:50 a.m.—Hawaiian program  
10 to 11 a.m.—Town Crier and newscasting  
11 to 11:10 a.m.—Mae Day, beauty talk  
11:10 to 11:30 a.m.—'Varsity Boys and Heini Dorner  
11:30 to 11:50 a.m.—'Early news report  
11:50 to 12 noon—'Varsity Boys and Heini Dorner  
12 to 2 p.m.—Recordings  
2 to 2:15 p.m.—Health talk  
2:15 to 3 p.m.—Sacred recordings  
3 to 3:30 p.m.—Organ recital  
3:30 to 4 p.m.—Recordings  
4 to 4:20 p.m.—News report  
4:20 to 5 p.m.—'Varsity Boys  
5 to 5:30 p.m.—Organ recital  
5:30 to 6 p.m.—Studio orchestra  
6 to 6:05 p.m.—Lost and Found Dept  
6:05 to 6:30 p.m.—Studio orchestra  
6:30 to 7 p.m.—Originality Girls  
7 to 8 p.m.—Suydam's Buttercream School  
8 to 9 p.m.—Motor Tires Quartet  
9 to 9:30 p.m.—Cinderella Roof Garden Orch.  
9:30 to 10 p.m.—Majestic Ballroom  
10 to 10:30 p.m.—El Patio Ballroom  
10:30 to 11 p.m.—Charlie Joslyn's orchestra  
11 to 1 a.m.—Dorado Club, Four Red Coats  
239 Meters  
**KXL** Channel 125  
1250 Kcys.  
KXL Broadcasters, Inc., Portland, Ore.  
500 Watts  
5 to 6:30 p.m.—Dinner music  
6:30 to 7:30 p.m.—Grandpa Bulger's Children's Hour  
7:30 to 8 p.m.—Dwight Johnson's Orchestra  
8 to 10:30 p.m.—Staff artists  
10:30 to 12 midnight—Kremer's Music Makers  
12 to 7 a.m.—Dorado Club Sleepwreckers  
223.7 Meters  
**KMO** Channel 134  
1340 Kcys.  
KMO, Inc., Tacoma, Washington  
500 Watts  
6:45 to 8 a.m.—Daybreakers' program  
8 to 9 a.m.—KMO Early Birds  
9 to 9:30 a.m.—National Defense  
9:30 to 10 a.m.—Medosweet Moments  
10 to 10:30 a.m.—News Flashes  
10:30 to 11 a.m.—Town Crier and newscasting  
11 to 11:30 a.m.—Busy Bee program  
6 to 6:15 p.m.—Sports report  
6:15 to 6:30 p.m.—The Floorwalker  
6:30 to 7 p.m.—Musical hits  
7 to 7:30 p.m.—Musical gems  
7:30 to 8 p.m.—Meadows feature hour  
8 to 9 p.m.—Jane Morse, blues; Marie Wilson, pianist  
267.7 Meters  
**KMIC** Channel 112  
1120 Kcys.  
Dalton's, Inc., Inglewood, Calif.  
500 Watts  
5 p.m.—'Larry's Request Hour  
6 p.m.—Marie Hocking, organist  
7 p.m.—Playgoers' Club, Wedgewood Nowell  
7:30 p.m.—Stove, Poker Quartet; Country Jane  
8:30 p.m.—Lani McIntyre's Harmony Hawaiians  
9:30 p.m.—Classical Collegians  
10 p.m.—Jack Dunn's orchestra  
12 midnight—Dorothy's Nite Hawks
TUESDAY Programs

Aug. 27, 1929

340.7 Meters

Tribune Publishing Co., Oakland, Calif.

KLX Channel 88 500 Watts

11:00 a.m.—August Hinrichs, KGO—8:00 p.m.
11:30 a.m.—Jean Kent
11:30 a.m.—Modern Homes period
11:30 a.m.—Health questions
11:30 a.m.—Opening stocks, weather
11:30 a.m.—Records
11:30 a.m.—Classified Adv. Hour
11:30 a.m.—Recordings
11:30 a.m.—Baseball broadcast
11:30 a.m.—Chas. Besserer, organist
11:30 a.m.—Brother Bob
11:30 a.m.—Cressy Ferris, pianist
11:30 a.m.—Hotel Oakland concert trio
11:30 a.m.—News broadcast
11:30 a.m.—Edna Fisher
11:30 a.m.—Lynn Pryor’s dance orchestra
11:30 a.m.—Helen Wegman Parmelee, pianist; Jeanne Rabinowitz, soprano, and F. Bounds, tenor
11:30 a.m.—The Variety Hour
11:30 a.m.—Select dance records

265.3 Meters

Radio Service Corp., Salt Lake City, Utah

KSL Channel 113 5000 Watts

7 to 8 a.m.—Exercises; N. Y. stocks
7 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Health questions
10:15 to 10:30 a.m.—Opening stocks, weather
10:30 to 11 a.m.—Recordings
11 to 12 noon—Classified Adv. Hour
12 to 1 p.m.—Machado’s KLX Hawaiians
1 to 2 p.m.—Jean’s Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Baseball broadcast
4:30 to 5 p.m.—Chas. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy 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.—Edna Fisher
8 to 9 p.m.—Lynn Pryor’s dance orchestra
9 to 10 p.m.—Helen Wegman Parmelee, pianist; Jeanne Rabinowitz, soprano, and F. Bounds, tenor
10 to 11 p.m.—Fleur-de-Lis Dance Orchestra

218.8 Meters

KGER Channel 137 100 Watts

C. M. Dobyns, Long Beach, Calif.

7:30 a.m.—Long Beach Breakfast Club
9 a.m.—Up With the Sun
11 a.m.—Rhythm Makers
2:30 p.m.—Long Beach Municipal Band
4:30 p.m.—Children’s program
5 p.m.—Wurlitzer organ
6 p.m.—News and Triolian Trio
7:30 p.m.—Long Beach Municipal Band
9 p.m.—Organ recital
12 p.m.—Harmony Three
11 p.m.—Rhythm Makers

239 Meters

KXL Channel 125 500 Watts

KXL Broadcasters, Inc., Portland, Ore.

5 to 6:30 p.m.—Dinner concert
6:30 to 7:30 p.m.—Children’s Hour
7:30 to 8 p.m.—Dwight Johnson’s Orchestra
8 to 9 p.m.—Sacred hour, Nazarene Church
9 to 10 p.m.—Studio program
10 to 11 p.m.—Orchestra and novelties
11 to 12 midnight—Curt Kremer’s Orchestra
12 to 7 a.m.—Dorado Club Sleepwreckers
Tuesday Programs

National Broadcasting Company

10:30 to 11:30 a.m.—Woman's Magazine of the Air
For the second time the new Sunset Magazine feature of the Woman's Magazine of the Air will be broadcast. During the new period Helen Webster will discuss authors represented in the publication and will review their articles.

Bennie Walker, master of ceremonies, will conduct the program.

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

2 to 3 p.m.—The Wanderers
Bert Horton and Sam Hayes as Dick and Tom head the cast for this production. Other microphone actors who will be heard include Olive West, Bobbe Deane and George Rand. They will be found in another part of the world as a new episode in the serial drama takes place.

Music interspersing the dialogue will be presented by Gail Taylor, soprano; Easton Kent, tenor, and John Teel, baritone.

Broadcast through KHQ, KOMO, KGW and KGO.

6 to 6:30 p.m.—Clicquot Club Eskimos
Harry Reser and the Clicquot Club Eskimos will broadcast 30 minutes of dance music through KHQ, KOMO, KGW, KGO, KPO and KFI.

6:30 to 7 p.m.—C. A. Earl Orchestradians
"Spanish Rhapsody," "Love's Old Sweet Song" and "True Blue Lou" from the motion picture, "The Dance of Life" are three of the orchestral high spots of the program.

Eddie Gale will be the guest vocalist. His solo will be another motion picture song, "At the End of the Road," taken from the music of the film version of "Evangeline."

Under Phil Spitalny's direction the program will be presented.

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

7:30 to 8 p.m.—"Hello, Mars!"
Carrying on an imaginary conversation with the Martians, NBC artists will be heard in a humorous presentation known as "Hello, Mars!" a combination of dialogue with musical effects.

Broadcast through KOMO, KGO and KPO.

8 to 9 p.m.—Tales Never Told
Dramatic vignettes based upon the lyrics of four well-known songs will be presented during the "Tales Never Told" hour.

This presentation is given with a cast of National Players, a vocal quartet, and Elmer Crowhurst, organist. The vignettes are written by Harry De Lasaux and produced under the direction of Ted Maxwell.

Broadcast through KHQ, KOMO and KGW.

9 to 9:30 p.m.—The Parker Family
The Parker Family will get together for a half hour of melody tonight at 9 o'clock.

"Wasn't It Fate?" the vocal trio and orchestra will ask musically as the program begins. Parker Dufoild, Sr., a baritone, and the tenor will join in singing the familiar old English song, "Drink to Me Only With Thine Eyes."

Among selections by the Parker Dufoild Orchestra will be heard tonight, "My Sin," played in a special symphonic arrangement.

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

10 to 11 p.m.—Spotlight Review
Another "Spotlight Review," presented by favorite NBC artists and devoted to repetitions of outstanding excerpts from previous programs will be heard tonight.

Music and a brief dramatic sketch are usually combined during these programs. A varied group of vocal and instrumental entertainers and members of the National Players participate under Ted Maxwell's direction.

Charles Hart conducts the "Spotlight Review" orchestra. The programs are arranged by Harry De Lasaux.

Broadcast through KHQ, KGW (10:30 to 11 p.m.), KGO (10:15 to 11 p.m.), KPO and KFI.

11 to 12 midnight—Musical Musketeers
Radio auditors of NBC system stations will hear another hour of novel dance music tonight.

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

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

440.9 Meters  KPO  Channel 68  680 Kcys.  5000 Watts
Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m. — S. & W. health exercises by Hugh Barrett Dobbs and William H. Hancock
8 to 9 a.m. — Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock
9:30 to 10 a.m. — Dobbsie's Daily Chat
10 a.m. — Bank of America of California
10:30 to 11:30 a.m. — Magazine of the Air, NBC
12 to 12:05 p.m. — Scripture reading; announcements
12:05 to 1 p.m. — Aeolian Trio
1 to 1:30 p.m. — Jerry Jermaine, balladist
1:30 to 2 p.m. — Ann Warner's Home Chats
2 to 2:30 p.m. — House of Dreams by Paul Pitman
2:30 to 2:43 p.m. — Ye Towne Cryer
2:43 to 2:45 p.m. — Kozak Radiogram
2:45 to 3:30 p.m. — Baseball broadcast
3:40 to 3:48 p.m. — Stock market quotations
3:40 to 4 p.m. — Organ recital, Theo Strong
4:30 to 4:40 p.m. — Stock market quotations
4:40 to 5 p.m. — Organ recital, Theo, Strong
5 to 6 p.m. — Children's hour
6 to 6:30 p.m. — Cliquet Club Eskimos, NBC
6:30 to 7 p.m. — Orchestradians, NBC
7 to 7:30 p.m. — Farm Bureau radio news
7:30 to 7:48 p.m. — Stock market quotations
7:48 to 7:50 p.m. — Weather, market reports
7:50 to 8 p.m. — Farm Bureau radio news
8 to 8:15 p.m. — Inspirational talk
8:15 to 8:30 a.m. — Inspirational talk
8:30 to 8:55 a.m. — Record program
8 to 9 a.m. — Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock
9 to 9:30 a.m. — Georgia George beauty talk
9:30 to 10 a.m. — Dobbsie's Daily Chat
10 to 11 a.m. — Helpful Hour
11 to 11:15 a.m. — French lessons, E. Leon
11:15 to 11:45 a.m. — "So-A-Tone" broadcast
11:45 to 12 midnight — Musical Musketees, NBC

243.8 Meters  KYA  Channel 123  1230 Kcys.  1000 Watts
Pacific Broadcasting Corp., San Francisco
Due to numerous changes details not available.

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 8:45 a.m. — Teen talk
8:30 to 8:55 a.m. — Record program
9 to 9:30 a.m. — Georgio O. George beauty 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 to 11:15 a.m. — "So-A-Tone" broadcast
11:15 to 11:45 a.m. — French lessons, E. Leon
12 to 12:30 p.m. — Musical program
12:30 to 12:45 p.m. — W. F. Alder travelling
1 to 2 p.m. — The Bookworm
2 to 2:30 p.m. — Records and announcements
4 to 4:30 p.m. — Lost and found announcements, market reports
4:15 p.m. — Joyce Coad
4:30 to 5 p.m. — C. P. R.'s musical program
5 to 5:15 p.m. — Truth and talk
5:15 to 5:45 p.m. — Chet Mittendorf
5:45 to 6 p.m. — Amusement tips
6 to 6:30 p.m. — Organ program
6:30 to 7 p.m. — KNX Concert Orchestra
7 to 7:30 p.m. — Dr. Baumgardt, "Popular Science"
8 to 9 p.m. — Tom and his mule Hercules
9 to 9:30 p.m. — "So-A-Tone" broadcast
9:30 to 10 p.m. — KNX music artists
10 to 12 midnight — Jackie Taylor's Coconut Grove Orchestra
12 to 1 a.m. — Record program

379.5 Meters  KGO  Channel 79  970 Kcys.  10,000 Watts
General Electric Co., Oakland, California
9:30 to 10:30 a.m. — California Home Life
10:30 to 11:30 a.m. — Magazine of the Air, NBC
11:30 to 1 p.m. — Remember Trio; stocks
1 to 2 p.m. — The Wanderers, NBC
2 to 3 p.m. — Edward J. Fitzpatrick and his Hotel St. Francis Salon Orchestra
5:30 to 6 p.m. — S. F. and N. Y. stocks; S. F. produce, daily bulletins and news
6 to 6:30 p.m. — Cliquet Club Eskimos, NBC
6:30 to 7 p.m. — Orchestradians, NBC
7 to 7:30 p.m. — Studio program
7:30 to 8 p.m. — Hello Mars! NBC
8 to 9 p.m. — The Pilgrims visit the Old Masters. August Hinrichs, director; Grace Le Page, soprano
9 to 9:30 p.m. — The Parker Family, NBC
9:30 to 10 p.m. — Los Angeles Steamship program
10 to 10:30 p.m. — The Seven Sauntering Sailors
10:30 to 11 p.m. — Spotlight Review, NBC
11 to 12 midnight — Musical Musketees, NBC

296.6 Meters  KQW  Channel 101  1010 Kcys.  5000 Watts
First Baptist Church, San Jose, California
10 to 11 a.m. — Helpful Hour
11 to 12 noon — Los Gatos program
12 to 12:30 p.m. — Musical program
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 5:45 p.m. — Herzog and Bierman program
6 to 6:10 p.m. — U. S. D. A. farm flakes
6:10 to 6:30 p.m. — Crop digest
6:30 to 6:50 p.m. — Weather, market reports
6:50 to 7 p.m. — Farmers' Exchange
7 to 8 p.m. — Farm Bureau radio news
8 to 9:30 p.m. — "You Never Can Tell" program

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 8 a.m. — Recordings
8 to 9 a.m. — "Breakfast Nook Philosophy"
9 to 9:30 a.m. — "Breakfast Nook Philosophy"
9:30 to 9:45 a.m. — Recordings
9:45 to 10 a.m. — Normalizer Sales Syndicate
10 to 11 a.m. — Agnes White, "At Our House"
11 to 11:15 a.m. — Recordings
11:15 to 11:30 a.m. — National Percolator program
11:30 to 12 noon — Recordings
12 to 12:30 p.m. — Baltimore Hotel Concert Orchestra
12:30 to 12:45 p.m. — World-wide news
12:45 to 1:30 p.m. — Leigh Harline, organist
1:30 to 2 p.m. — Charlie Weiman's requests
2 to 3 p.m. — Fada Radio program
3 to 3:15 p.m. — Safety conference
3:15 to 3:30 p.m. — Auto Club of Calif.
3:30 to 3:45 p.m. — Midnight mission
3:45 to 4 p.m. — Health talk, Dr. McCoy
4 to 5 p.m. — Malinee Melody Masters
5 to 5:30 p.m. — The Story Man
5:30 to 6 p.m. — Hank Howe's Dance Band
6 to 6:45 p.m. — Orchestra and singers
6:45 to 7 p.m. — World-wide news
7 to 8 p.m. — Charles Shepherd's Symphonishers
8 to 10 p.m. — Studio program
10 to 12 midnight — Earl Burtnett's Dance Orchestra
12 to 1 a.m. — Wesley Tourtellotte, organist
**TUESDAY Programs**

**545.1 Meters**

**KTAB**  Channel 55  500 Watts  Pickwick Broadcasting Co., Oakland, Calif.

- 7 to 8 a.m. — Rastus and Sambo
- 8 to 8:15 a.m. — Recordings
- 8:15 to 9 a.m. — Morning prayer service
- 9 to 9:30 a.m. — Dr. J. Douglas Thompson
- 10 to 10:30 a.m. — Cal King
- 10:30 to 11 a.m. — Dr. B. L. Corley
- 11 to 12 noon — Willard W. Kimball
- 12 to 1 p.m. — Sterling Cosmopolitans
- 1 to 1:30 p.m. — Organ recital, Chapel of the Chimes
- 1:30 to 2 p.m. — Fanchon’s Style Chat
- 2 to 3 p.m. — Arthur Shaw, organist; Mabel Payne, mezzo-soprano
- 3 to 4 p.m. — Matinee Melodists
- 4 to 5 p.m. — Home Towners
- 5 to 6 p.m. — Brother Bob’s Frolic Hour
- 6 to 6:30 p.m. — Barney Lewis
- 6:30 to 7 p.m. — “Twilight Hour
- 7 to 7:20 p.m. — “Around the World by Radio,” Earle G. Linsley
- 7:20 to 7:30 p.m. — Recordings
- 7:30 to 8 p.m. — Earl Caldwell, entertainer; Estelle Moran, pianist
- 8 to 9 p.m. — Lullabye Lane with Joan Ray and Jane Sargeant Sands
- 9 to 10 p.m. — Dance music by the Pickwickians
- 10 to 11 p.m. — Arthur Shaw, organist; Octo Lindquist, baritone
- 11 to 1 a.m. — Nite Owls with Willard W. Kimball

**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 8:15 a.m. — Records
- 8:15 to 8:45 a.m. — Bright and Early Hour
- 8:45 to 9:20 a.m. — Novelty program
- 9:20 to 9:30 a.m. — Organ recital
- 9:30 to 9:50 a.m. — Shopping Guide and Town Topics
- 9:50 to 10 a.m. — Novelty songs
- 10 to 11 a.m. — Organ recital, Roy L. Medcalfe
- 11 to 11:30 a.m. — Studio orchestra; news
- 11:30 to 12 noon — Lunchtime concert
- 12 to 12:15 p.m. — Health talk
- 12:15 to 1 p.m. — Doris and Clarence
- 1:30 to 2 p.m. — Kiwanis Club luncheon
- 2 to 2:15 p.m. — Originality Girls
- 2:15 to 2:30 p.m. — Kiwanis Club luncheon
- 2:30 to 3 p.m. — Long Beach Band
- 3 to 3:30 p.m. — Organ recital
- 3:30 to 4 p.m. — Long Beach Band
- 4 to 4:20 p.m. — News report
- 4:20 to 4:55 p.m. — Old-time dance music
- 4:55 to 5:10 p.m. — Recordings
- 5 to 5:30 p.m. — Organ recital, Vera Graham
- 5:30 to 6 p.m. — Hollywood Girls
- 6 to 6:15 p.m. — Lost and Found Dept.
- 6:15 to 6:45 p.m. — Sunset Harmony Boys
- 6:45 to 7 p.m. — Dr. Williams, health specialist
- 7 to 7:30 p.m. — Hollywood Girls and quartet
- 7:30 to 8 p.m. — Buster Wilson’s orchestra
- 8 to 8:30 p.m. — Long Beach Band
- 8:30 to 9 p.m. — Molly, popular songs
- 9 to 9:30 p.m. — Cinderella Roof Garden Ballroom
- 9:30 to 10 p.m. — Majestic Ballroom
- 10 to 11 p.m. — Ed Williams Ballroom
- 10:30 to 11 p.m. — Charlie Joslyn’s orchestra
- 11 to 1 a.m. — Dorado Club, Four Red Coats

**491.5 Meters**

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

- 7 to 7:30 a.m. — “Simply Fitts”; N. Y. stocks
- 8 to 9 a.m. — Early Birds, featuring the two boys, Ralph and Ray, and Nell Lerson and Ray Hoback
- 9 to 9:30 a.m. — Georgi O. George
- 10 to 12 noon — Jack Morgan, announcer
- 12 to 1 p.m. — Arthur Thomson, organist
- 1 to 1:30 p.m. — Leigh Harline, organist
- 1:30 to 2 p.m. — Charlie Wellman, DLBS
- 2 to 3 p.m. — Happy-Go-Lucky Hour
- 3 to 4 p.m. — Educational period
- 4 to 4:30 p.m. — Garden talk, F. W. Davis
- 4:30 to 4:55 p.m. — “Something About Everything”
- 4:55 to 5 p.m. — News and lost and found
- 5 to 5:20 p.m. — Town Topics
- 5:20 to 5:40 p.m. — Storyman and his aircastle
- 5:40 to 6 p.m. — Hank Howe and his music
- 6 to 6:20 p.m. — Concert orchestra and Mac
- 6:20 to 6:40 p.m. — “Boba” sports authority
- 6:40 to 7 p.m. — Raybestos Reiners
- 7 to 7:20 p.m. — Gay Baptiste Elkins
- 7:20 to 7:30 p.m. — Studio program
- 7:30 to 7:40 p.m. — San Francisco Symphony Orchestra
- 7:40 to 8 p.m. — Yerba Buena Girls
- 8 to 8:30 p.m. — Studio program
- 8:30 to 9 p.m. — Garden talk, F. W. Davis
- 9 to 9:30 p.m. — Garden talk, F. W. Davis

**315.6 Meters**

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

- 8 a.m. — Harry Q. Mills; organist; Harmony Quartet and entertainers
- 10 a.m. — Harmony Hour
- 11:15 a.m. — Woman’s Hour; Melody Trio
- 12:15 p.m. — Musical program
- 12:45 p.m. — Air Journal
- 2:10 p.m. — Coast League baseball game
- 4:45 p.m. — Radio Varlettes
- 6:20 p.m. — Musical program
- 6:30 p.m. — Harry Jackson’s entertainers
- 7 p.m. — Hollywood Athletic Club
- 7:30 p.m. — Organ recital, J. K. Johnston
- 7:45 p.m. — Dallas News
- 8 p.m. — Hollywood String Quartet
- 8:15 p.m. — A play presented by Herbert Heyes
- 9 p.m. — Edgeworth Club program
- 9:30 p.m. — Olympic Auditorium boxing bout
- 10:30 p.m. — Irving Aaronson’s Commanders
- 11:30 to 12:30 a.m. — Proff Moore’s orchestra

**319.0 Meters**

**KOIN**  Channel 94  940 Kcys.  1000 Watts  The Portland News, Portland, Oregon

- 9 to 9:30 a.m. — Organ recital
- 9:30 to 9:45 a.m. — Shopping Guide and Town Topics
- 10 a.m. — Harmony Hour
- 11:15 a.m. — Woman’s Hour; Melody Trio
- 12:15 p.m. — Musical program
- 12:45 p.m. — Air Journal
- 2:10 p.m. — Coast League baseball game
- 4:45 p.m. — Radio Varlettes
- 6:20 p.m. — Musical program
- 6:30 p.m. — Harry Jackson’s entertainers
- 7 p.m. — Hollywood Athletic Club
- 7:30 p.m. — Organ recital, J. K. Johnston
- 7:45 p.m. — Dallas News
- 8 p.m. — Hollywood String Quartet
- 8:15 p.m. — A play presented by Herbert Heyes
- 9 p.m. — Edgeworth Club program
- 9:30 p.m. — Olympic Auditorium boxing bout
- 10:30 p.m. — Irving Aaronson’s Commanders
- 11:30 to 12:30 a.m. — Proff Moore’s orchestra
TUESDAY Programs

468.5 Meters  KFI  Channel 64
640 Kcys.
5000 Watts.

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7 a.m.—S. & W. morning exercise
8 a.m.—Shell Happy Time from KPO
9 a.m.—Bess Kilmer’s hints to housewives
9:30 a.m.—Sarah Ellen Barnes talk on Hollywood
10 a.m.—Woman’s Magazine of the Air, NBC
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
1:30 to 2 p.m.—Merchants’ Air Service
3:30 p.m.—Gene Johnston, Leonard Van Berg
4:25 p.m.—Better Business Bureau talks
4:30 p.m.—Big Brother
5 p.m.—Leon Rene and his Southern Syncopators
6 p.m.—Clicquot Club Eskimos, NBC
6:15 to 6:30 p.m.—Musical hits
6:30 to 7 p.m.—Musical Master Works
6:45 to 8 a.m.—Daybreakers’ program
7 a.m.—Devotional services
8 a.m.—Portland Breakfast Club
9 to 9:10 a.m.—News
9:10 to 9:30 a.m.—Oregonian Cooking School
9:30 to 10:30 a.m.—“The Town Crier
10:30 to 11:30 a.m.—“Magazine of the Air,” NBC
11:30 to 11:45 a.m.—Fels Naptha
10:45 p.m.—G. Donald Gray, baritone; James Harvey, tenor
11 p.m.—Musketeers, NBC

220.4 Meters  KGB  Channel 136
1360 Kcys.
250 Watts.

Pickwick Broadcasting Co., San Diego, Calif.

9:15 to 10 a.m.—Recordings
10 to 11 a.m.—Classical recordings
11:30 to 12 midnight—Green Hat Club

227.7 Meters  KMIC  Channel 112
1120 Kcys.
500 Watts.

Dalton’s, Inc., Inglewood, Calif.

5 p.m.—Larry’s Request Hour
6 p.m.—Marie Hocking, organist
7 p.m.—Peggy Price, Ted Finke, Sonny Nupoff
7:30 p.m.—Billbrew Singers, Country Jane
8 to 10 p.m.—“Shenomena”
9:30 to 10:30 p.m.—Rolfaco’s Philharmonic Orchestra

526 Meters  KXA  Channel 57
570 Kcys.
500 Watts.


5 to 6 p.m.—Popular features
6 to 6:30 p.m.—Northwestern Crier Hour
6:30 to 7 p.m.—Elvira Herman for the Kidgettes
7 to 7:30 p.m.—Puget Sound reality program
7:30 to 7:45 p.m.—Watt, Tire Co. program
8 to 10 p.m.—“Dave Riley’s” program
8:30 to 8:45 p.m.—Novelty program
8:45 to 9 p.m.—Aloha Harmony Singers
9 to 10 p.m.—Dorothy Bush, Virginia King,
Norman Edlund, George Maddox
10 to 11 p.m.—Bill Winder’s dance orchestra

325.9 Meters  KOMO  Channel 92
920 Kcys.
1000 Watts.

Fisher’s Blend Station, Seattle, Washington
7:15 a.m.—Inspirational Services
8 a.m.—Shell Happy Time
9 a.m.—Orchestra with Fred Lynch and Dorothy Weidner
9:15 a.m.—What to Prepare for Dinner
10:30 a.m.—Woman’s Magazine of the Air, NBC
11:30 a.m.—Fels Naptha Auditone broadcast
11:45 a.m.—Orchestra; Fred Lynch and Art Lindsay

1:30 p.m.—Orchestra; Greenwood Mitchell and Helen Hoover
1:45 p.m.—The Wanderers, NBC
2 p.m.—Orchestra with Piero Orsatti, tenor, and Hayden Morris, basso
4:15 p.m.—Children’s Story Hour
4:30 p.m.—Dorothy Weidner and Madelina Durorak, duets, and G. Donald Gray, baritone
4:45 p.m.—Stock and bond quotations
5 p.m.—Orchestra with Fred Lynch and Art Lindsay
6 p.m.—Clicquot Club Eskimos, NBC
6:30 p.m.—Orchestradians, NBC
7 p.m.—Orchestra; G. Donald Gray and James Harvey, tenor
7:30 p.m.—Hello Mars, NBC
8 p.m.—Tales Never Told, NBC
9 p.m.—Parker Family Party, NBC
9:30 p.m.—Orchestradians with Hayden Morris, basso
10 p.m.—News flashes
10:45 p.m.—G. Donald Gray, baritone; James Harvey, tenor
11 p.m.—Musical Musketeers, NBC
12 to 6 a.m.—Organ recital

483.6 Meters  KGW  Channel 62
620 Kcys.
1000 Watts.

The Morning Oregonian, Portland, Oregon
7:45 to 8 a.m.—Devotional services
8 to 9 a.m.—Portland Breakfast Club
9 to 9:10 a.m.—News
9:10 to 9:30 a.m.—Oregonian Cooking School
9:30 to 10:30 a.m.—“The Town Crier
10:30 to 11:30 a.m.—“Magazine of the Air,” NBC
11:30 to 11:45 a.m.—Fels Naptha
11:45 p.m.—“Magazine of the Air,” NBC

223.7 Meters  KMO  Channel 134
1340 Kcys.
500 Watts.

KMO, Inc., Tacoma, Washington

6:45 to 8 a.m.—Daybreakers’ program
7 to 8 a.m.—KMO Early Birds
9 to 9:30 a.m.—National Defense
10 to 10:30 a.m.—News and Flashers
10:30 to 11 a.m.—Town Crier and newscasting
11 to 11:30 a.m.—“Busy Bee” program
11:30 p.m.—“Magazine of the Air,” NBC
12 to 1:30 a.m.—Organ recital

Copyright, 1929, E. C. Anthony, Inc., L. A.
**WEDNESDAY Programs**

Aug. 28, 1929

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Station/Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 a.m.</td>
<td>7 a.m.-S. W. morning exercise</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>8 a.m.</td>
<td>8 a.m.—Shell Happy Time from KPO</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>9 a.m.</td>
<td>9 a.m.—Bess Klim's hints to housewives</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Woman's Magazine of the Air, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>12 noon.</td>
<td>Dept. of Agriculture talks</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>12:10 p.m.</td>
<td>Federal and state market reports</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>12:15 p.m.</td>
<td>Talk from the sheriff's office</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>2 p.m.</td>
<td>2 p.m.—&quot;Phenomenal&quot;</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>4 p.m.</td>
<td>4 p.m.—Hugo Escobar, Spanish lessons</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>4:15 p.m.</td>
<td>Dr. Miller, &quot;Human Nature Around the World!&quot;</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Big Brother</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>5 p.m.</td>
<td>5 p.m.—Calif. Dairy Council program, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>5:30 p.m.</td>
<td>Palmolive Hour, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Stromberg Carlson Radio program, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>7 p.m.</td>
<td>7 p.m.—Variety Hour</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>8 p.m.</td>
<td>8 p.m.—Roads to Romance with Jack and Ethyl Motormates, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Studio program</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>9 p.m.</td>
<td>9 p.m.—Los Angeles Steamship Company program</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>10 p.m.</td>
<td>10 p.m.—Cotton Blossom Minstrels, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>11 p.m.</td>
<td>11 p.m.—KFI news bureau</td>
<td>KFI Channel 64</td>
</tr>
</tbody>
</table>

**468.5 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Station/Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:30 p.m.</td>
<td>Big Brother</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>5 p.m.</td>
<td>5 p.m.—Calif. Dairy Council program, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>5:30 p.m.</td>
<td>Palmolive Hour, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Stromberg Carlson Radio program, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>7 p.m.</td>
<td>7 p.m.—Variety Hour</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>8 p.m.</td>
<td>8 p.m.—Roads to Romance with Jack and Ethyl Motormates, NBC</td>
<td>KFI Channel 64</td>
</tr>
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<td>8:30 p.m.</td>
<td>Studio program</td>
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<td>9 p.m.—Los Angeles Steamship Company program</td>
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<td>10 p.m.</td>
<td>10 p.m.—Cotton Blossom Minstrels, NBC</td>
<td>KFI Channel 64</td>
</tr>
<tr>
<td>11 p.m.</td>
<td>11 p.m.—KFI news bureau</td>
<td>KFI Channel 64</td>
</tr>
</tbody>
</table>

**243.8 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Station/Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 to 8 a.m.</td>
<td>Early Bird Hour</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>8 to 9 a.m.</td>
<td>Favorite recordings</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>9 to 10:30 a.m.</td>
<td>Orthophonic recordings</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>10:30 to 11 a.m.</td>
<td>Cressy Ferra, jazz pianist</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>11 to 12 noon.</td>
<td>Instrumental recordings</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>Variety record program</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>1:45 to 2 p.m.</td>
<td>Dr. Wiseman, health talk</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>2 to 3 p.m.</td>
<td>Concert records</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>3 to 3:30 p.m.</td>
<td>Popular recordings</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>3:30 to 4 p.m.</td>
<td>Art Fadden, pianist</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>4 to 4:30 p.m.</td>
<td>Packard Half Hour</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>4:30 to 5 p.m.</td>
<td>Vocal records</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>American tunes</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>5:30 to 6:45 p.m.</td>
<td>Dance music</td>
<td>KJBS Channel 107</td>
</tr>
</tbody>
</table>

**280.2 Meters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Station/Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 to 8 a.m.</td>
<td>Early Bird Hour</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>8 to 9 a.m.</td>
<td>Favorite recordings</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>9 to 10:30 a.m.</td>
<td>Orthophonic recordings</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>10:30 to 11 a.m.</td>
<td>Cressy Ferra, jazz pianist</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>11 to 12 noon.</td>
<td>Instrumental recordings</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>Variety record program</td>
<td>KJBS Channel 107</td>
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<tr>
<td>1:45 to 2 p.m.</td>
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<td>KJBS Channel 107</td>
</tr>
<tr>
<td>2 to 3 p.m.</td>
<td>Concert records</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>3 to 3:30 p.m.</td>
<td>Popular recordings</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>3:30 to 4 p.m.</td>
<td>Art Fadden, pianist</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>4 to 4:30 p.m.</td>
<td>Packard Half Hour</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>4:30 to 5 p.m.</td>
<td>Vocal records</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>5 to 5:30 p.m.</td>
<td>American tunes</td>
<td>KJBS Channel 107</td>
</tr>
<tr>
<td>5:30 to 6:45 p.m.</td>
<td>Dance music</td>
<td>KJBS Channel 107</td>
</tr>
</tbody>
</table>
WEDNESDAY Programs

NBC National Broadcasting Company

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

In the Easier Housekeeping and Fuller features, Helen Webster will be heard. During the former she will talk about cooking in general and in the latter period she will continue her discussion of interior decoration. Magnolia, Henry and Charley will be the principals during the Oronite feature in another of their "Colored Supplement" comedies.

The broadcast will be conducted by Benne Walker and broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

12 to 1 p.m.—Pacific Vagabonds

Under Valo's direction, the orchestra of 25 musicians in the NBC's San Francisco studios will present original versions of such current favorites as "Blue Hawaii," "At the Clambake," "You Don't Love Me," and "Laughing Marionette." An Argentine tango called "Che, Me Amigo" will be a colorful addition to the program.

Broadcast through KOMO and KGO.

3 to 4 p.m.—The Cabin Door

With a little dwelling in the South as the locale, the program is devoted to the humor occurring in the lives of a group of colored folks. Mandy, Willie, Ezio and Sam head the cast of characters. The roles in the comedy are portrayed by Barbara Lee, Clarence Hayes, Jack Curtis and Harold Peary. Fifteen-minute musical programs preceding and following the dramatic sketch are presented by a banjo trio, Ross Peterson, xylophonist, and other NBC artists.

Broadcast through KHQ, KOMO, KGW and KGO.

5 to 5:30 p.m.—Land o' Health

A trip in the Breakfast Balloon, high over the Cheese Caves to Cheese Caves Country Club, is the adventure DA-RA-O has planned for his young friends of the radio. Under Dolin's direction, the orchestra of 25 instrumentalists, is heard with their numbers. The Cavaliers, a male quartet, will add a new spot to the "Roads to Romance" tonight.

The young couple, motoring through the Puget Sound country in the state of Washington, will be invited to join a picnic party in a scenic locality on the Olympic Highway. The picnic is the annual outing held under auspices of the Daughters of the Northwest Pioneers.

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

8 to 8:30 p.m.—Roads to Romance

Witnessing a dramatization of A. A. M. Mercer's first matrimonial expedition, Jack and Ethyl, the Associated Motor Mates, will be found in a new spot on the "Roads to Romance" tonight.

As their interlocutor pronounces the traditional words, "Gentlemen, be seated," the minstrels will prepare to engage in typical banter and humorous dialogue interspersed with musical offerings. Charles Marshall plans and produces the program, which brings before the microphone, Barry Hopkins as the interlocutor, Clarence Hayes, Capt. "Bill" Royle, Sylvano Dale the Southern Harmony Four and other artists.

Broadcast through KHQ, KPO and KSL.

11 to 12 midnight—Musical Muskeeters

Walter Behan, one-time orchestra leader in the world's largest dance hall at Sydney, Australia, directs the Muskeeters in their capricious syncopations. Specialty numbers complete the hour which will be broadcast through KHQ, KOMO and KPO.

325.9 Meters KOMO Channel 92

920 Kcs.

Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services

8 a.m.—Shell Happy Time

9 a.m.—Organ recital

10 a.m.—Madelyn Dvorak and G. Donald Gray

10:15 a.m.—What to Prepare for Dinner

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

11:30 a.m.—Helen Hoover and Vesta Muth

11:45 a.m.—Marmora, R.T.A., program

12 noon—Pacific Vagabonds, NBC

2:30 p.m.—Organ recital

4:15 p.m.—Orchestra; Fred Lynch, tenor

4:45 p.m.—Stock and bond quotations

5 p.m.—Orchestra with Helen Hoover, soprano

5:30 p.m.—Palmolive Hour

6:30 p.m.—Stromberg-Carlson program, NBC

7:15 p.m.—National Light Opera

7:45 p.m.—Roads to Romance, NBC

8:30 p.m.—Drama by the Totem Thespians

8:45 p.m.—News flashes

9 p.m.—Pacific Blue Bird Boys

10 p.m.—Orchestra; Dorothea Weil, Aurelio Laqua and Fred Lyons

11 p.m.—Musical Muskeeters, NBC

12 to 12:30 a.m.—Theater organ recital
**Wednesday Programs**

<table>
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<tr>
<th>Time</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>7 to 8 a.m.</td>
<td>Remote control KGFJ</td>
</tr>
<tr>
<td>7 to 7:30 a.m.</td>
<td>Hello Everybody</td>
</tr>
<tr>
<td>7:30 to 8 a.m.</td>
<td>Early news items</td>
</tr>
<tr>
<td>8 to 8:15 a.m.</td>
<td>Records</td>
</tr>
<tr>
<td>8:15 to 8:45 a.m.</td>
<td>Bright and Early Hour</td>
</tr>
<tr>
<td>8:45 to 9:20 a.m.</td>
<td>Novelty program</td>
</tr>
<tr>
<td>9:20 to 9:40 a.m.</td>
<td>Organ recital</td>
</tr>
<tr>
<td>9:40 to 10 a.m.</td>
<td>Hawaiian and novelty program</td>
</tr>
<tr>
<td>10 to noon</td>
<td>Organ recital</td>
</tr>
<tr>
<td>11 to noon</td>
<td>Mae Day, beauty talk</td>
</tr>
<tr>
<td>11:10 to 12:30 a.m.</td>
<td>Studio orchestra</td>
</tr>
<tr>
<td>11:30 to 11:50 a.m.</td>
<td>Early news report</td>
</tr>
<tr>
<td>11:50 to 12 noon</td>
<td>Studio orchestra</td>
</tr>
<tr>
<td>12 to 1 p.m.</td>
<td>Hollywood Girls</td>
</tr>
<tr>
<td>1 to 1:30 p.m.</td>
<td>Rotary luncheon</td>
</tr>
<tr>
<td>1:30 to 2 p.m.</td>
<td>Motor Tires Quartet</td>
</tr>
<tr>
<td>2 to 4:30 p.m.</td>
<td>Matinee Melody Masters</td>
</tr>
<tr>
<td>4:40 to 5 p.m.</td>
<td>Palmolive, NBC</td>
</tr>
<tr>
<td>5:30 to 6 p.m.</td>
<td>Children's Hour</td>
</tr>
<tr>
<td>6 to 6:05 p.m.</td>
<td>Lost and Found Dept.</td>
</tr>
<tr>
<td>6:05 to 6:30 p.m.</td>
<td>Hollywood Girls</td>
</tr>
<tr>
<td>6:30 to 7 p.m.</td>
<td>Originality Girls</td>
</tr>
<tr>
<td>7 to 7:30 p.m.</td>
<td>Bowl of Stories</td>
</tr>
<tr>
<td>7:30 to 8 p.m.</td>
<td>Happy-Go-Lucky Hour</td>
</tr>
<tr>
<td>8 to 9 p.m.</td>
<td>Daily news</td>
</tr>
<tr>
<td>9 to 9:30 p.m.</td>
<td>First Baptist Church</td>
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**Broadcast Weekly**

**440.9 Meters KFOX Channel 61 1000 Watts**

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

**Hale Bros. & The Chronicle, San Francisco**

7 to 8 a.m.—“Simply Fitte”; N. Y. stocks
8:30 to 9 a.m.—Alarm Clock, featuring the two girls, Dot and Mary
9:30 to 10 a.m.—Georgia O. George
10 to 11 a.m.—Wyn's Daily Chats
11 to 11:30 a.m.—Mary Lewis Haines
11:30 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman, Clay noonday concert
1 to 1:30 p.m.—Leigh Harline, organist
1:30 to 2 p.m.—Charlie Wellman
2 to 3 p.m.—Happy-Go-Lucky Hour
3 to 3:30 p.m.—Something About Everything
4:30 to 4:40 p.m.—Stock market quotations
4:45 to 5 p.m.—Children's Hour
5 to 5:30 p.m.—California Dairy Council, NBC
5:30 to 6:30 p.m.—Palmolive, NBC
6:30 to 7 p.m.—Stromberg-Carlson, NBC
7 to 8 p.m.—Reo Masters of Music
8 to 8:30 p.m.—Jack and Ethyl, NBC
8:30 to 9 p.m.—Bill Blythes, NBC
9 to 9:30 p.m.—California Crooners (requests)
9:30 to 10 p.m.—Tom and Monroe and Bob Allen
10 to 11 p.m.—Palace Hotel Dance Orchestra
11 to 11:02 p.m.—Kozak Radiogram
11:02 to midnight—Musical Musketees, NBC

**296.6 Meters KQW Channel 101 500 Watts**

**First Baptist Church, San Jose, California**

3 to 4 p.m.—Helping Hour
11 to 12 noon—Special program
12 to 12:30 p.m.—Musical program
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 5:45 p.m.—Musical program
6:15 to 6:30 p.m.—Friderdale program
6:20 to 6:40 p.m.—U. S. D. A. farm flashes
6:30 to 6:45 p.m.—Crop digest
6:40 to 7:00 p.m.—Market, weather reports
7:00 to 7:20 p.m.—Farm Bureau radio news
7:20 to 7:40 p.m.—Captain Frank Winch
8 to 9:30 p.m.—First Baptist Church

**315.6 Meters KFWB Channel 95 1000 Watts**

**Warner Brothers, Hollywood, California**

8 a.m.—The Breakfast Club
10 a.m.—Harmony Hour
11:45 a.m.—Woman's Hour with Melody Three
12:30 p.m.—Musical program
12:45 p.m.—Air Journal
1:15 p.m.—Proff Moore's orchestra
1:45 p.m.—Air Force Exchange
2:10 p.m.—Coast League baseball game
4:45 p.m.—Radio Varieties
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—Ray Bailey's sextet
7:30 p.m.—Esther White and Lucky Wilber
7:45 p.m.—Daily news
8 p.m.—507 Boys
8:30 p.m.—Borowsky's Russian orchestra, and Tamara Shavrova, soprano
9 p.m.—Ray Martinez's orchestra and Vernon Rickard, tenor
10 p.m.—Irving Aaronson's Commanders
11 to 12 midnight—Proff Moore's orchestra
WEDNESDAY Programs

322.4 Meters

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

2:30 to 3:30 p.m.—Organ recital, Charlotte Lennart; educational feature, Brewster F. Ames; talks on "Esperanto," subject, "Early Attempt of International Language"
3:30 to 3:40 p.m.—Radio talk, KFWM technician
5:55 to 6 p.m.—World News
7 to 8 p.m.—Doc Herroid
8 to 8:30 p.m.—Watch Tower program

265.3 Meters

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

5:30 p.m.—Palmolive Hour, NBC
6:30 p.m.—Victor Wagner's orchestra, NBC
7 p.m.—The Rhythm Four
7:15 p.m.—Amos 'n' Andy
7:30 p.m.—Novelle Vocal Trio
8:30 p.m.—Romance of Gems
9 p.m.—Dance music
9:30 p.m.—Bob and Beverly and Oscar Roth, zither
10 p.m.—Cotton Blossom Minstrels, NBC

508.2 Meters

KQH Channel 59
590 Kcys.
1000 Watts
Louis Wasmer, Inc., Spokane, Washington

7:30 to 8 a.m.—Kronenberg's program
8 to 9 a.m.—Shell Happy Time, KPO
9 to 10 a.m.—Home Economics
10 to 10:30 a.m.—Sunshine Liberty organ
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 12 noon—Farmers' Service Hour
12 to 1 p.m.—Lewiston, Idaho, program
2:45 to 3 p.m.—Jones Musical Headlines
3 to 4 p.m.—Cabin Door, NBC
4 to 4:30 p.m.—Varietts Hour
4:30 to 5:30 p.m.—Trillian String Ensemble
5:30 to 6:30 p.m.—Palm Olive Hour, NBC
6:30 to 7 p.m.—Stromberg-Carlson, NBC
7 to 7:30 p.m.—Musical program
7:30 to 8 p.m.—Cambrin's Dutch Dough Boys
8 to 8:30 p.m.—Roads to Romance, NBC
8:30 to 9 p.m.—Hill Billy Boys, NBC
9 to 9:15 p.m.—Musical program
9:15 to 9:30 p.m.—Alice In Landerlund
9:30 to 10 p.m.—Studio program
10 to 11 p.m.—Cotton Blossom Minstrels, NBC
11 to 12 midnight—Musical Musketeers, NBC

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 a.m.—KFVD Travelogue
11 a.m.—Bess Kilmer's hints to housewives
12 noon—Tom Brenneman
12:30 p.m.—Tom and Wash
1:15 p.m.—Hal Roach comedy gossip
3 p.m.—Auburn Concert Orchestra
4 p.m.—Eldorado program
5:45 p.m.—Timely topics
8 p.m.—De Witt Hagar's program
9 p.m.—Auburn Concert Orchestra
10 p.m.—KFVD Orchestra
11 to 1 a.m.—Sebastian's Cotton Club Orchestra

322.4 Meters

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

7 to 8 a.m.—Health exercises
8 to 9 a.m.—Popular recordings
9 to 9:30 a.m.—Cal King's Country Store
9:30 to 10 a.m.—Recordings
10 to 10:30 a.m.—Charlie Glenn, songs
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—News items, police reports
11 to 12 noon—Recordings
12 to 1 p.m.—Australian soprano, Margaret McNeil; Elsie Campbell, pianist; Hal Rhodes, baritone
1 to 1:30 p.m.—Cal King's Country Store
1:30 to 2 p.m.—Recordings
2 to 2:30 p.m.—Pal of the Air
6 to 6:30 p.m.—Emile Rovegno, baritone; Elvira Zink, accompanist
6:30 to 7 p.m.—Fredericka Levin, pianist
9 to 9:30 p.m.—Happy Chappies
9:30 to 10:30 p.m.—Mrs. William P. Empey and assisting artists
10:30 to 11 p.m.—Brunswick recordings

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 8:30 a.m.—Record program
8:30 to 8:40 a.m.—Inspirational talk
8:45 to 8:55 a.m.—"Bello" talk
9 to 9:30 a.m.—Talk on health and beauty
9:30 to 10 a.m.—Record program
10 to 10:30 a.m.—Town Crier's message
10:30 to 11 a.m.—Household economics
11 to 11:30 a.m.—KNX Clinic of the Air
11:30 to 11:45 a.m.—Radio Church of the Air
11:45 to 12 noon—A. M. Christie, baritone
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3 to 3:30 p.m.—KNX Clinic of the Air
3:30 to 4 p.m.—"Better Speech," Mrs. D. Hugh
4 to 4:30 p.m.—Lost and found announcements, market reports
4:30 to 5:30 p.m.—C. P. R.'s musical program
5:15 to 5:45 p.m.—Chet Mittleendorf
5:45 to 6 p.m.—Amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX Concert Orchestra
7 to 7:30 p.m.—Georgie Fifield and Eddie Albright
8 to 8:30 p.m.—Cal King's Country Store
8:30 to 9:30 p.m.—Malcolm Luboviski, violinist; Claire Mellonino, pianist; Walter V. F. W. Alder's message
9 to 9:30 p.m.—KNX feature artists
10 to 10:30 p.m.—Jackie Taylor's Cocoanut Grove Orchestra
10 to 11 p.m.—Record program

526 Meters

KXA Channel 57
570 Kcys.
500 Watts

5 to 6 p.m.—Popular program
6 to 6:50 p.m.—Northwestern Crier Hour
6:50 to 7 p.m.—Elvira Herman for the Kiddies
7 to 8 p.m.—Jungle Temple Band with Dolly Harper, soloist
8 to 8:45 p.m.—Chris Coughlan, Lucile Collett; Goldie, Kathleen Harker, X & O Harmony Duo
8:45 to 9 p.m.—Helen Raemer, soprano
9 to 9:15 p.m.—Watt Tire Co. program
9:15 to 10 p.m.—Concert program
10 to 11 p.m.—Bill Winder's dance orchestra
THURSDAY Programs

Ray Hansen
KFWM—5:00 p.m.

Mildred Hunt
NBC—7:00 p.m.

Gretchen Brendel
KPO—8:00 p.m.

Carmel Teed
KXA—Pianist

440.9 Meters
KPO  Channel 68

680 Kcys.

Hale Bros. & The Chronicle, San Francisco

7 to 8 a.m.—S. & W. health exercises by Hugh Barrett Dobbs and William H. Hancock
8 to 9 a.m.—Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock
9:30 to 10 a.m.—Dobbie's Daily Chat
10 a.m.—Bank of America of California
10 to 11 a.m.—Magazine of the Air, NBC
12 to 12:05 p.m.—Scripture reading; announcements
12:05 to 12:30 p.m.—S. & W. health exercises by Hugh Barrett Dobbs and William H. Hancock
12:30 to 1:30 p.m.—Shrine luncheon broadcast
1:30 to 2 p.m.—Jerry Jermaine, balladist
2 to 2:30 p.m.—House of Dreams
2:30 to 2:40 p.m.—Ye Towne Crier
2:40 to 2:45 p.m.—Kozak Radiogram
2:45 to 3:40 p.m.—Baseball broadcast
3:40 to 4:40 p.m.—Stock market quotations
4:40 to 5 p.m.—Organ recital, Theo. Strong
5 to 6 p.m.—Children's hour
6 to 6:30 p.m.—Halsey-Stuart, NBC
6:30 to 7 p.m.—Libby, McNeill & Libby, NBC
7 to 8 p.m.—Reo Masters of Music
8 to 8:30 p.m.—Caswell musical episode
8:30 to 9 p.m.—Max Dolin's Electroneers, NBC
9 to 9:30 p.m.—Nathan Abas violin recital
9:30 to 10 p.m.—Philco Hour, NBC
10 to 11 p.m.—Slumber Hour, NBC
11 to 11:02 p.m.—Kozak Radiogram
11:02 to 12 midnight—Musical Musketeers, NBC

265.3 Meters
KSL  Channel 113

1130 Kcys.

Radio Service Corp., Salt Lake City, Utah

4:30 p.m.—Victor Company program, NBC
5:30 p.m.—Educational talk
5:45 p.m.—"We Learn to Fly"
6 p.m.—Halsey-Stuart, NBC
6:30 p.m.—Around the World with Libby, NBC
7 p.m.—Jack Summerhays, tenor, and assisting artists
7:15 p.m.—Amos 'n Andy
7:30 p.m.—Metropolitan Trio
8 p.m.—Vico Male Quartet
8:30 p.m.—Kyt electroneers, NBC
9 p.m.—Studio program
10:10 p.m.—Irving Webb's dance orchestra

220.4 Meters
KGB  Channel 136

1360 Kcys.

Pickwick Broadcasting Co., San Diego, Calif.

9 to 9:15 a.m.—Louis G. Blanken Co.
9:15 to 10 a.m.—Recordings
10 to 11 a.m.—Classical recordings
2:30 to 2:45 p.m.—Records
2:45 to 3 p.m.—San Diego Sun news
3 to 3:30 p.m.—Otto Hoeg (requests)
3:30 to 7 p.m.—Merchants' Air Service
7 to 7:05 p.m.—Baseball returns
7:05 to 8 p.m.—Fred Wesley
8 to 9 p.m.—Aloha Boys' Hawaiian Trio
9 to 10 p.m.—Aqua Callente Mex. Serenaders
10 to 10:30 p.m.—Johnny Athena
10:30 to 12 midnight—Green Hat Nite Club

491.5 Meters
KFRC  Channel 61

610 Kcys.


7 to 8 a.m.—"Simpy Fitts"; N. Y. stocks
8 to 9 a.m.—Early Birds, featuring the two boys, Ralph and Ray, Nell Larson and Ray Hoback
9 to 9:30 a.m.—Georgia O. George
10 to 11 a.m.—Daily chats by Wyn
11 to 11:30 a.m.—Studio program
11:30 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman, Clay noonday concert
1:30 to 2 p.m.—Charlie Wellman, DLBS
2 to 2:30 p.m.—Happy-Go-Lucky Hour
3 to 3:30 p.m.—Walter Murray, popular psychology
3:30 to 4 p.m.—Recordings
4 to 4:55 p.m.—Matinee Melody Masters
4:55 to 5 p.m.—Town Topics
5 to 5:30 p.m.—Storyman and his aircastle
5:30 to 6 p.m.—Hank Howe and his music
6 to 6:45 p.m.—Wesley Tourtelotte, organist
6:45 to 7 p.m.—Studio program
7 to 7:30 p.m.—Symphony Orchestra and soloists
7:30 to 8 p.m.—Pyrol Half Hour of Happiness
8 to 9 p.m.—Richfield Movie Club
9 to 10 p.m.—Captain Adams
10 to 11 p.m.—Tom Gerunovich's Roof Garden Orchestra
11 to 12 midnight—Anson Weeks' Hotel Mark Hopkins Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance music

206.3 Meters
KGX  Channel 11

1070 Kcys.

Radio Service Corp., San Diego, Calif.

4:30 p.m.—Victor Company program, NBC
5:30 p.m.—Educational talk
5:45 p.m.—"We Learn to Fly"
6 p.m.—Halsey-Stuart, NBC
6:30 p.m.—Around the World with Libby, NBC
7 p.m.—Jack Summerhays, tenor, and assisting artists
7:15 p.m.—Amos 'n Andy
7:30 p.m.—Metropolitan Trio
8 p.m.—Vico Male Quartet
8:30 p.m.—Kyt electroneers, NBC
9 p.m.—Studio program
10:10 p.m.—Irving Webb's dance orchestra

491.5 Meters
KFRC  Channel 61

610 Kcys.


7 to 8 a.m.—"Simpy Fitts"; N. Y. stocks
8 to 9 a.m.—Early Birds, featuring the two boys, Ralph and Ray, Nell Larson and Ray Hoback
9 to 9:30 a.m.—Georgia O. George
10 to 11 a.m.—Daily chats by Wyn
11 to 11:30 a.m.—Studio program
11:30 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman, Clay noonday concert
1:30 to 2 p.m.—Charlie Wellman, DLBS
2 to 2:30 p.m.—Happy-Go-Lucky Hour
3 to 3:30 p.m.—Walter Murray, popular psychology
3:30 to 4 p.m.—Recordings
4 to 4:55 p.m.—Matinee Melody Masters
4:55 to 5 p.m.—Town Topics
5 to 5:30 p.m.—Storyman and his aircastle
5:30 to 6 p.m.—Hank Howe and his music
6 to 6:45 p.m.—Wesley Tourtelotte, organist
6:45 to 7 p.m.—Studio program
7 to 7:30 p.m.—Symphony Orchestra and soloists
7:30 to 8 p.m.—Pyrol Half Hour of Happiness
8 to 9 p.m.—Richfield Movie Club
9 to 10 p.m.—Captain Adams
10 to 11 p.m.—Tom Gerunovich's Roof Garden Orchestra
11 to 12 midnight—Anson Weeks' Hotel Mark Hopkins Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance music

206.3 Meters
KGX  Channel 11

1070 Kcys.

Radio Service Corp., San Diego, Calif.

4:30 p.m.—Victor Company program, NBC
5:30 p.m.—Educational talk
5:45 p.m.—"We Learn to Fly"
6 p.m.—Halsey-Stuart, NBC
6:30 p.m.—Around the World with Libby, NBC
7 p.m.—Jack Summerhays, tenor, and assisting artists
7:15 p.m.—Amos 'n Andy
7:30 p.m.—Metropolitan Trio
8 p.m.—Vico Male Quartet
8:30 p.m.—Kyt electroneers, NBC
9 p.m.—Studio program
10:10 p.m.—Irving Webb's dance orchestra
7 to 7:30 p.m.—National Broadcasting and Concept Bureau Hour is broadcast.

Staff artists who will participate in the program include the Landt Trio, the Bonnie Laddies, the Colonial, Three Kings and a Queen, Lamie Boss, tenor, Mildred Hunt, contralto crooner, and a concert orchestra directed by Hugo Mariani.

Broadcast through KOMO and KGO.

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

Music of the four seasons, depicting a year within less than an hour, will open the program of orchestral music scheduled for the Standard Symphony Hour.

Sinding’s musical interpretation of the advent of the vernal season, “Rustle of Spring,” is the first selection to be played under Max Dolin’s direction. This delightful springtime music will be followed by Grieg’s “Summer Night,” a lovely nocturne. The two other seasons are described in the “Rural and Winter” melodies from one of Glazounov’s pretentious works, the ballet suite, “The Seasons.”

The balance of the hour will be devoted to familiar works of such famed composers as Edward German, Tchaikowsky, MacDowell, Strauss and Bizet.

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

8:30 to 9 p.m.—Max Dolin and His Kylectroneers

Musical knights of the air, Max Dolin and his Kylectroneers will present their interpretation of new and old dance music.

“Pretty Little Thing,” “You” and “Good Morning, Good Eve, Good Night” are three of the most recently published numbers listed on the program. For variety the Kylectroneers will give their versions of a tango called “Vlad,” and of “The Wedding of the Painted Doll,” a selection which still enjoys a wide vogue.

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

9 to 9:30 p.m.—Memory Lane

“Memory Lane” is a dramatization of life in a small town many years ago. The characters brought to the air by Max Dolin’s direction, the orchestra, will present familiar works of such composers as Richard Le Grand, Bobbe Piggott, Richard Halsey, Stuart, and others. These roles are portrayed by a cast including Bailing Page, Ellen Figgott, George Le Grand, Boobie Beane, Bernice White, George Rand and Dess Fowler.

Broadcast through KGW and KGO.

10 to 11 p.m.—Slumber Hour

Under Max Dolin’s direction, the orchestra will present ten selections, which include compositions of Strauss, Hadley, Delibes and Tchaikowsky. The soloist will be Harold Spaulding, tenor.

Broadcast through KGO, KPO and KFI.

11 to 12 midnight—Musical Musketeers

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

239 Meters

KXL Broadcasters, Inc., Portland, Ore.

1250 Kcys.

500 Watts

Channel 12

6:30 to 7:30 p.m.—Grandpa Bulger’s Children’s Hour

7:30 to 8 p.m.—Dwight Johnson’s Orchestra

8 to 9 p.m.—Majestic Hour

9 to 10 p.m.—Studio program

10 to 12 midnight—Tom Cats’ frolic

12 to 7 a.m.—Dorado Club Sleepwrecker
**Broadcast Weekly**

**THURSDAY Programs**

545.1 Meters  
**KTAB**  Channel 55  
550 Kcys.  500 Watts  
Pickwick Broadcasting Co., Oakland, Calif.  
7 to 8 a.m.—Rastus and Sambo  
8 to 9 a.m.—Recordings  
9 to 9:30 a.m.—Morning prayer services  
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—Chasing the Blues  
12 to 1 p.m.—Sterling Cosmopolitans  
1 to 1:30 p.m.—Chapel of the Chimes  
3 to 4 p.m.—Matinee Melodists  
4 to 5 p.m.—The Home Towners  
5 to 6 p.m.—Brother Bob's Frolle  
6 to 6:30 p.m.—Barney Lewis  
6:30 to 7 p.m.—Twilight Hour  
7 to 7:30 p.m.—Program by Mormon Church  
7:30 to 8 p.m.—Walter J. Rudolph, pianist  
8 to 9 p.m.—Organ recital, Arthur Shaw  
9 to 11 p.m.—The "Cocoanuts" with "BB" conducting, featuring Emmet Dorman, violinist; Estelle Moran, pianist; Joan Ray, contralto; Lou Gordon, tenor; the Pickwickians, and others  
11 to 1 a.m.—Nite Owls with Willard W. Kimball  

315.6 Meters  
**KFWB**  Channel 95  
950 Kcys.  1000 Watts  
Warner Brothers, Hollywood, California  
8 a.m.—Harry Q. Mills, organist; Harmony Quartet and entertainers  
10 a.m.—Harmony Hour  
11:15 a.m.—Woman's Hour with Melody Trio  
12:30 p.m.—Musical program  
12:45 p.m.—Air Journal  
2:10 p.m.—The Adventures of Sam and Pete*  
3:30 p.m.—The Friendly Hour  
4:15 p.m.—Radio Varieties  
4:45 p.m.—Missionary program  
5:30 p.m.—Harry Jackson's entertainers  
7 p.m.—Hollywood Athletic Club Orchestra  
7:30 p.m.—Organ recital, J. K. Johnston  
7:50 p.m.—Daily news  
8 p.m.—Lyric Radio program  
8:30 p.m.—"The Adventures of Sam and Pete"  
9 p.m.—KFWB Concert Sextet  
9:30 p.m.—The Rhythm Boys; Jean Cowan, songs  
10 p.m.—Irving Aaronson's Commanders  
11 to 12 midnight—Proff Moore's orchestra  

422.3 Meters  
**KFVD**  Channel 71  
710 Kcys.  250 Watts  
Auburn Fuller, Culver City, Calif.  
7 to 9 a.m.—"Happy-Go-Lucky Trio"  
8 a.m.—Rastus and Sambo  
9 a.m.—Dan Maxwell, Scotch comedian  
10:30 a.m.—Health building  
11:15 a.m.—Dr. Hallquist's talk to mothers  
11:30 a.m.—Carey Preston Rittmeister  
12 noon—Tom Brenneman  
12:30 p.m.—Tom and Wash  
1:15 p.m.—Hal Roach comedy gossip  
2 p.m.—Madame Lauro's Spanish program  
3 p.m.—Auburn Concert Orchestra  
4 p.m.—El Dorado program  
5:45 p.m.—Timely topics  
8 p.m.—De Witt Hagar's program  
8:30 p.m.—Good Humor Orchestra  
9 a.m.—Auburn Orchestra  
12 p.m.—KFVD Orchestra  
11 to 1 a.m.—Sebastian's Cotton Club Orchestra  

379.5 Meters  
**KGO**  Channel 79  
790 Kcys.  10,000 Watts  
General Electric Co., Oakland, California  
9:30 to 10 a.m.—California Home Life  
10 to 11 a.m.—Woman's Magazine of the Air, NBC  
11 to 1 p.m.—Rembrandt Trio; stocks  
3 to 4 p.m.—House of Myths, NBC  
4 to 4:30 p.m.—Edward J. Fitzpatrick's Hotel St. Francis Orchestra  
4:30 to 5 p.m.—Victor program, NBC  
5 to 5:15 p.m.—Will R. Hills, Old Home Poet  
5:15 to 5:30 p.m.—Dr. Albertine Richards Nash, consulting psychologist  
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce, daily bulletins and news  
6 to 6:30 p.m.—Halsey Stuart, NBC  
6:30 to 7 p.m.—Around the World with Libby, NBC  
7 to 7:30 p.m.—The Olympians  
7:30 to 8:30 p.m.—Standard Symphony Hour, NBC  
8 to 9 p.m.—Max Dolin's Kylectroneers, NBC  
9 to 9:30 p.m.—Memory Lane, NBC  
9:30 to 10 p.m.—Phlaco Hour, NBC  
10 to 11 p.m.—Slumber Hour, NBC  
11 to 12 midnight—Musical Musketeers, NBC  

296.6 Meters  
**KQW**  Channel 101  
1010 Kcys.  500 Watts  
First Baptist Church, San Jose, California  
10 to 11 a.m.—Helpful Hour  
11 to 12 noon—Monterey Peninsula program  
12 to 12:30 p.m.—Musical program  
12:30 to 1 p.m.—Market reports, weather  
1 to 1:30 p.m.—Happy-Go-Lucky Trio  
1:30 to 2:30 p.m.—The Happy Half Hour  
2:30 to 3:30 p.m.—Musical program  
3 to 3:30 p.m.—Children's program  
3:30 to 4:15 p.m.—Herzog and Bierman program  
4 to 4:30 p.m.—Have a Banana Hour  
4:30 to 5 p.m.—U. S. D. A. farm flashes  
5 to 6 p.m.—Campus Digest  
6 to 6:30 p.m.—Market, weather reports  
6:30 to 7 p.m.—Farm Bureau radio news  
7 to 8 p.m.—F. B. B. radio news  
8 to 9 p.m.—Songs of the Old Church Choir  

325.9 Meters  
**KOMO**  Channel 92  
920 Kcys.  1000 Watts  
Fisher's Blend Station, Seattle, Washington  
7:55 a.m.—Inspirational services  
8 a.m.—Shell Happy Time  
9 a.m.—Orchestra; Fred Lynch, tenor  
9:45 a.m.—What to Prepare for Dinner  
10 a.m.—Magazine of the Air, NBC  
10:30 a.m.—Orchestra; Helen Hoover and Greenwood Mitchell  
12 noon—Orchestra; Hayden Morris and Dorothy Wel  
12:30 p.m.—Orchestra; Dorothea Wei, Aurelio Sciacqua  
1 p.m.—House of Myths, NBC  
5:30 p.m.—The Eternal Question, NBC  
5 p.m.—Stock and bond quotations  
5:15 p.m.—Mining stock quotations  
5:30 p.m.—Fred Lynch, tenor; Dorothy Wel, contralto, and G. Donald Gray, baritone  
6 p.m.—Halsey Stuart program, NBC  
8:30 p.m.—Libby, McNeill & Libby, NBC  
7:30 p.m.—Standard Symphony Hour, NBC  
8:30 p.m.—Max Dolin's Kylectroneers, NBC  
9 p.m.—Crescent Old Time Band  
9:30 p.m.—Phlaco Hour, NBC  
10 p.m.—Associated Brass Band  
11 p.m.—Musical Musketeers, NBC  
12 to 12:30 a.m.—Organ recital
THURSDAY Programs

340.7 Meters KGLX Channel 88
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.—Opening stocks, weather
10:30 to 11 a.m.—Recordings
11 to 12 noon—Classified Hour, News
12 to 1 p.m.—Machado's KGLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Baseball broadcast
4:30 to 5 p.m.—Chas. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressey Ferra, pianist
6 to 7 p.m.—Oakland cornet quartet trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer
8 to 8:30 p.m.—Lorelei Trio
8:30 to 9 p.m.—Howard Peterson, xylophonist, and Nerino Turchet, accordionist
9 to 9:30 p.m.—Gospel hymns—M. J. Goodman, tenor, and Helen Wegman Farmeele, accompanist
9:30 to 10:30 p.m.—Machado's KGLX Hawaiians

322.4 Meters KFWI Channel 93
7 to 8 a.m.—Health exercises
10 to 10:30 a.m.—Charlie Glenn, songs
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—News items, police reports
12 to 12:30 p.m.—Gloom Chasers
12:30 to 1 p.m.—Mystery Tenor; Harriet Lewis, accompanist
1 to 1:30 p.m.—Cal King's Country Store
6 to 7 p.m.—Kelley Kar Company program

508.2 Meters KHQ Channel 59
7 to 7:30 a.m.—Sunrise Pep Period
7:30 to 8 a.m.—Model Musical Klock
8 to 9 a.m.—Shell Happy Time, KPO
9 to 9:30 a.m.—Home Economics
9:30 to 10 a.m.—Sunshine Liberty organ
10 to 11 a.m.—Woman's Magazine of the Air, NBC
11 to 11:30 a.m.—Musical Bazaar
11:30 to 12 noon—Farmers' Service Hour, news items
12 to 12:15 p.m.—Savings luncheon program
12:15 to 12:30 p.m.—Jones Musical Headlines
12:30 to 1 p.m.—Voice of Spartanparagus
1 to 1:30 p.m.—Copeland Musical Review
1:30 to 1:45 p.m.—Modern Shops a la Mode
1:45 to 2 p.m.—Fact Facts
2 to 3 p.m.—Washington Home Service
3 to 4 p.m.—House of Myths, NBC
4 to 4:30 p.m.—The Eternal Question, NBC
4:30 to 5 p.m.—Victor program, NBC
5 to 6 p.m.—Triodion String Ensemble
6 to 6:30 p.m.—Halsey Stuart program, NBC
6:30 to 7 p.m.—Libby, McNell & Libby, NBC
7 to 7:30 p.m.—Camber's Dutch Dough Boys
7:30 to 8:30 p.m.—Standard Symphony Hour, NBC
8:30 to 9 p.m.—Max Dellin's Kylectroneers, NBC
8 to 9:30 p.m.—Crescent's Old-Time Band
9:30 to 10 p.m.—Philcro Hour, NBC
10 to 11 a.m.—Associated Brass Band

322.4 Meters KFWM Channel 93
930 Kcys. Oakland Educational Society, Oakland, Cal.
8 to 9 a.m.—Select recordings
9 to 9:30 a.m.—Health questions answered
9:30 to 10 a.m.—Select recordings
11 to 12 noon—Hauschildt Music Hour
1:30 to 2:30 p.m.—Edna's Entertainment Hour
2:30 to 3 p.m.—A Kingdom Message
3 to 3:40 p.m.—Organ recital
3:40 to 4:50 p.m.—The Margie Brothers
4:50 to 5:55 p.m.—Big Brother Walter
5:55 to 6 p.m.—World News
7 to 8 p.m.—Doc Henderson
8 to 8:30 p.m.—Watch Tower program
8:30 to 9 p.m.—"Romance of Oakland"
9 to 10 p.m.—The Variety Hour
10 to 11 p.m.—Select dance records

483.6 Meters KGW Channel 62
620 Kcys. The Morning Oregonian, Portland, Oregon
7:45 to 8 a.m.—Devotional services
8 to 9 a.m.—Shell Happy Time, KPO
9 to 9:30 a.m.—News
9:30 to 10 a.m.—Oregonian Cooking School
9:30 to 10 a.m.—Town Crier
10 to 11 a.m.—Magazine of the Air, NBC
11 to 11:30 a.m.—Maytag So-A-Tone Radiodette
1 to 1:15 p.m.—Business talk
1:15 to 3 p.m.—Musical entertainment
3 to 4 p.m.—House of Myths, NBC
4 to 4:30 p.m.—Musical entertainment
4:30 to 5 p.m.—Victor program, NBC
5 to 6 p.m.—Organ recital
6 to 6:30 p.m.—Halsey Stuart, NBC
6:30 to 7 p.m.—Libby, McNell & Libby, NBC
7 to 7:30 p.m.—Tommy Luke
7:30 to 8:30 p.m.—Standard Symphony Hour, NBC
8 to 9 p.m.—United Reproducers, NBC
9 to 9:30 p.m.—Memory Lane program, NBC
9:30 to 10 p.m.—Phlco Hour, NBC
10 to 11 p.m.—Associated Brass Band from KOMO
11 to 12 midnight—Dance music

285.5 Meters KNX Channel 105
1050 Kcys. 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
8:40 to 8:55 a.m.—"Belloc" talk
9 to 9:30 a.m.—Georgia O. George beauty 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 to 12:15 a.m.—"So-A-Tone" broadcast
11:15 to 11:45 a.m.—French lessons, E. Leon
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3:30 to 4 p.m.—Louise Johnson, horoscopes
4 to 4:30 p.m.—Lost and found announcements, market reports
4:30 to 5 p.m.—"C. P. R.'s musical program
5:15 to 5:45 p.m.—Chet Mittendorf
5:45 to 6 p.m.—Amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX Concert Orchestra
7 to 8 p.m.—KNX feature artists
8 to 8:30 p.m.—Rebroadcast of KFWB
8:30 to 10 p.m.—KNX feature artists
10 to 12 midnight—Jackie Taylor's Cocoman in Grove Orchestra
12 to 1 a.m.—Record program
THURSDAY Programs

239.9 Meters KFOX Channel 125
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 8:15 a.m.—Records
8:15 to 8:45 a.m.—Bright and Early Hour
8:45 to 9:20 a.m.—Novelty program
9:20 to 9:30 a.m.—Organ recital
9:30 to 10 a.m.—Hawaiian program
10 to 11 a.m.—Organ recital
11 to 11:10 a.m.—Mae Day, beauty talk
11:10 to 12 noon—Studio orchestra; news
12 to 1 p.m.—Hollywood Girls
1 to 1:15 p.m.—“Health and Efficiency”
1:15 to 2 p.m.—Originality Girl
2 to 2:15 p.m.—Health talk, Dr. Harbottle
2:15 to 2:30 p.m.—Doris Dolan and Clarence
2:30 to 3 p.m.—Long Beach Municipal Band
3 to 3:30 p.m.—Organ recital
3:30 to 4 p.m.—Long Beach Municipal Band
4 to 4:20 p.m.—News report
4:20 to 5 p.m.—Old-time dance music
5 to 5:30 p.m.—Organ recital
5:30 to 6 p.m.—Hollywood Girls
6 to 6:05 p.m.—Lost and Found Dept.
6:05 to 6:30 p.m.—Hollywood Girls
6:30 to 7 p.m.—Sunset Harmony Boys
7 to 7:30 p.m.—Motor Tires Quartet
7:30 to 8 p.m.—Buster Wilson’s orchestra
8 to 8:30 p.m.—Texas Cowboys
8:30 to 9 p.m.—Rebroadcast KFWB
8 to 8:30 p.m.—“Breakfast Nook Philosophy”
9 to 9:30 p.m.—“Phenomena”
10 to 10:30 a.m.—“Phenomena”
10 to 10:30 p.m.—El Patio Ballroom
10:30 to 11 p.m.—Charlie Joslyn’s orchestra
11 to 1 a.m.—Dorado Club, Four Red Coats

333.1 Meters KHJ Channel 90
900 Kcys.
Don Lee, Inc., Los Angeles, California
7 to 7:30 a.m.—Physical culture period
7:30 to 8 a.m.—Recordings
8 to 9 a.m.—“Early Birds,” KFRC
9 to 9:30 a.m.—“Breakfast Nook Philosophy”
9:30 to 10 a.m.—Recordings
9:45 to 10 a.m.—Normalizer Sales Syndicate program
10 to 11 a.m.—Agnes White, “At Our House”
11 to 11:15 a.m.—Recordings
11:15 to 11:30 a.m.—National Perculator program
11:30 to 12 noon—Bob Swan and Gene Byrnes
12 to 12:30 p.m.—Biltmore Hotel Orchestra
12:30 to 1:30 p.m.—Wide-wide news
12:45 to 1:30 p.m.—Organ recital, Leigh Harline
1:30 to 2 p.m.—Charlie Wellman’s requests
2 to 3 p.m.—Fada Radio program
3 to 3:15 p.m.—Ray, Clifford Cole
3:15 to 3:30 p.m.—Police Com. W. G. Thorpe
3:30 to 3:45 p.m.—Robertson, the Dog Man
3:45 to 4 p.m.—Dr. Lovell, health talk
4 to 5 p.m.—Matinee Melody Masters
5 to 5:30 p.m.—The Story Man
5:30 to 6 p.m.—Hank Howe’s Dance Band
6 to 6:45 p.m.—Organ recital with singers
6:45 to 7 p.m.—World-wide news
7 to 7:30 p.m.—Inglewood Park program
7:30 to 8 p.m.—Pyrol program
8 to 9 p.m.—Richefield Movie Club
9 to 9:30 p.m.—Lost and Found Dept.
9:30 to 10 p.m.—S. & W. morning exercise
10 to 10:30 p.m.—Daybreakers’ program
10:30 to 11 p.m.—Town Crier and newscasting
11 to 11:30 p.m.—Busy Bee program
11:30 to 12 a.m.—Capitol View
12 to 1 a.m.—The Floorwalker
1:30 to 2 a.m.—Junior artists

223.7 Meters KMO Channel 134
1340 Kcys.
KMO, Inc., Tacoma, Washington
6:45 to 8 a.m.—Daybreakers’ program
8 to 9 a.m.—KMO Early Birds
9 to 9:30 a.m.—National Defense
9:30 to 10 a.m.—World-wide news
10 to 10:30 a.m.—News Flashes
10:30 to 11 a.m.—Town Crier and newscasting
11 to 11:30 a.m.—Busy Bee program
11:30 to 1:30 p.m.—Capitol View
2 to 2:15 p.m.—KMO Early Birds
6:15 to 6:30 p.m.—The Floorwalker
6:30 to 7 p.m.—Musical gems
7 to 8 p.m.—Junior artists

280.2 Meters KJBS Channel 107
1070 Kcys.
J. Brunton & Sons, San Francisco, Calif.
7 to 8 a.m.—Early Bird Hour
8 to 9:30 a.m.—Favorite recordings
9:30 to 10 a.m.—American tunes
10 to 11 a.m.—Popular melodies
11 to 11:30 a.m.—Busy Bee program
11:30 to 12 p.m.—KFI news bureau
12 to 12:30 p.m.—Biltmore Hotel Orchestra
12:30 to 1:30 p.m.—Town Crier and newscasting
1 to 1:30 p.m.—Luncheon concert
1:30 to 2 p.m.—Variety records
2 to 2:30 p.m.—Bridge Hour records
2:30 to 4 p.m.—Blindcraft program
4 to 4:30 p.m.—Packard Half Hour
4:30 to 5 p.m.—Violin selections
5 to 6:45 p.m.—New record releases

319.0 Meters KOIN Channel 94
940 Kcys.
The Portland News, Portland, Oregon
9 to 9:30 a.m.—Organ recital
9:30 to 10 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.—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.—Studio
3 to 4 p.m.—Outdoor pipes
4 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.—Heathman Hotel pipe organ
7 to 7:30 p.m.—The Benson Hotel Orchestra
7:30 to 8:30 p.m.—Studio program
8:30 to 11 p.m.—Orchestra

468.5 Meters KFI Channel 64
640 Kcys.
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7 p.m.—S. & W. morning exercise
8 a.m.—Shell Happy Time from KPO
8 a.m.—Sadye Nathan, beauty talks
9:30 a.m.—Sarah Ellen Barnes talk on Hollywood Bowl
10 a.m.—Woman’s Magazine of the Air, NBC
11 a.m.—French lesson, annette Doherty
11:15 a.m.—Talk on Rhymic Movement
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
2 p.m.—“Phenomena”
3 p.m.—A. Melvern Christie
4:30 p.m.—Big Brother
5 p.m.—Studio program
6 p.m.—Halsey Stuart program, NBC
6:30 p.m.—Libby McNeill & Libby program, NBC
7 p.m.—Nick Harris detective stories
7:30 p.m.—Standard Symphony, NBC
8:30 p.m.—Max Delin’s Klyelectroneers, NBC
9:30 p.m.—Philo Hour, NBC
10 p.m.—Slumber Hour, NBC
11 p.m.—KFI news bureau
FRIDAY Programs... Aug. 30, 1929

Georgie Stoll's Rythm Aces

KYA

340.7 Meters
KLX Channel 88
880 Kcys.
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.—Opening stocks, weather
10:30 to 10:50 a.m.—Recordings
10:50 to 11 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 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Baseball broadcast
4:30 to 5 p.m.—Chas. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer
8 to 10 p.m.—Hi-Jinks—Fleur-de-Lis dance orchestra, Machado's KLX Hawaiians; Helen Wegman Parmelece, pianist; M. J. Goodman, tenor; Jeanne Rabinowitz, soprano; KLX Dreamers' Male Quartet, Fred Bounds, tenor; Maybelle Morrison, violinist; Amati Quartet; Howard Peterson, xylophonist, and Margaret Vogel, contralto; Howard Peterson, xylophonist, and Lost and Found, piano duo

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

10 to 11 a.m.—Helpful Hour
11 to 12 noon—Palo Alto program
12 to 12:30 p.m.—Musical program
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 5:45 p.m.—Musical program
6:45 to 6 p.m.—Frigidaire 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 6:50 p.m.—Market, weather reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—Farm Bureau radio news
8 to 9 p.m.—KQW Minstrels
9 to 9:30 p.m.—Leda Gregory Jackson

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

7 to 8 a.m.—Rastus and Sambo
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—Dr. B. L. Corley
12 to 1 p.m.—Sterling Cosmopolitans
1 to 1:30 p.m.—Chapel of the Chimes
1:30 to 2 p.m.—Fanchon's Style Chat
2 to 3 p.m.—Organ recital
3 to 4 p.m.—Matinee Melodists
4 to 5 p.m.—The Home Towners
5 to 6 p.m.—Brother Bob's Frolic
6 to 6:30 p.m.—Barney Lewis
6:30 to 7 p.m.—Twilight Hour
7 to 7:15 p.m.—Al Stensvold, aviator
7:15 to 7:30 p.m.—Resort news
7:30 to 8 p.m.—Studio program
8 to 9 a.m.—Arthur Shaw, organist
9 to 9:30 p.m.—Geary Street program
9:30 to 10 p.m.—Mystery story
10 to 11 p.m.—Joan Ray, contralto; Octo Lindquist, baritone
11 to 1 a.m.—Nite Owls with Willard W. Kimball

220.4 Meters
KGB Channel 136
1360 Kcys.
250 Watts
Pickwick Broadcasting Co., San Diego, Calif.

7 to 7:30 a.m.—popular recordings
7:30 to 7:45 a.m.—George Bellfuss Co.
7:45 to 9 a.m.—Recordings
9 to 9:15 a.m.—Louis G. Blanken Co.
9:15 to 10 a.m.—Recordings
10 to 11 a.m.—Classical recordings
2:30 to 2:45 p.m.—Records
2:45 to 3 p.m.—San Diego Sun news
3 to 3:30 p.m.—Jack Mooney, requests
3:30 to 7 p.m.—Merchants' Air Service
7 to 7:05 p.m.—Baseball returns
7:05 to 7:30 p.m.—“Dream Daddy,” Jack Mooney
7:30 to 8 p.m.—Bill Rossi
8 to 9 p.m.—Verlie Barclay and Preston Green
9 to 10 p.m.—Lilias Johnson and Miriam Eberhardt
10 to 10:30 p.m.—Fred Caldwell
10:30 to 12 midnight—Green Hat Nite Club
FRIDAY Programs

NBC National Broadcasting Company

10:15 to 10:30 a.m.—Mary Hale Martin’s House- hold Period

New recipes will be given by Mary Hale Martin as she broadcasts the weekly Mary Hale Martin’s Household Period through KHQ, KOMO, KGW, KGO, KPO, KFI and KSL.

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

Correct use of the English language will be John D. Barry’s theme this morning.

Besides Barry, Ann Holden will be heard in two talks during the hour. She will speak on domestic science topics in the Kraft and Alpine features.

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

12 to 1 p.m.—Pacific Little Symphony

This presentation will be devoted entirely to classic music under Charles Hart’s direction.

Broadcast through KOMO and KGO.

5 to 5:30 p.m.—Interwoven Pair

Lyric compositions of Victor Herbert. Strauss and Gilbert and Sullivan will be combined with classics by Dvorak and Handel on the Armour program tonight.

The Armour Trio, a vocal group, will offer “The Merry Widow of New York” a favorite by Victor Herbert. Under Josef Koestner’s direction the 30-piece orchestra will contribute a special concert arrangement of “My Hero,” one of the best-known songs from Strauss’ “The Chocolate Soldier.”

“Going Home,” a song based upon a familiar melody, from Dvorak’s “New World Symphony,” has been chosen for interpretation by the Armour chorus of 18 voices. The second classic is the Handel “Largo,” in which an organ will be heard with the orchestra.

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

7 to 8 p.m.—NBC Green Room

Nevin’s “Narcissus” will be Elmer Crowhurst’s initial selection in a program of music presenting Mary Groom, contralto, and Harold Spaulding, tenor, as vocal soloists.

Miss Groom has chosen to sing as her first number “Amarilli,” an old classic by the 16th century Italian composer Caccini. Her opening group also includes Tchaikowski’s “To the Forest,” indicating his love for his native land.

“Amapola,” Lacalle’s delightful Spanish song, and Quilter’s “Now Sleeps the Crimson Petal,” are two of Spauldings selections.

Broadcast through KHQ and KGW.

8 to 9 p.m.—RCA Hour


With this educational lecture Hyde returns to his talks on “Wonders of the Sky,” which will alternate with those on “Wonders of the Earth” hereafter.

The musical portion of the RCA Hour will be presented by Margaret O’Dea, contralto; Harold Spaulding, tenor, and the RCA orchestra, conducted by Max Dolin. Highlights of their numbers include Spaulding’s tenor solo, a “La Donna e Mobile” from Verdi’s “Rigoletto,” Miss O’Dea’s solo, “La Coeur de ma mle, and the overture to Aubers “Massiniello,” played by the orchestra.

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

9 to 9:30 p.m.—Borden Dairy Musical offerings by the Borden Blue and White Band, conducted by Charles Hart, and the Borden male quartet will be heard by auditors who tune in KHQ, KOMO, KGW, KGO, KPO, KFI, KSL and KOA.

10 to 11 p.m.—Broadway Melodies Artists who will take part in the hour will be vocalists on the NBC staff and an orchestra led by Joseph Hornik. The program is presented under the supervision of Charles Hart.

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

508.2 Meters

Lights Lammer, Inc., Spokane, Washington

7 to 7:30 a.m.—Sunrise Pep Period

7:30 to 8 a.m.—Model Musical Clock

8 to 9 a.m.—Shell Happy Time, KPO

9 to 9:30 a.m.—Home Economics

9:30 to 10 a.m.—Sunshine Liberty organ

10 to 10:15 a.m.—Marmola program

10:15 to 10:30 a.m.—Libby, McNeil & Libby, NBC

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

11:10 to 12 noon—Farmers’ Service Hour

12 to 12:15 p.m.—Luncheon program

12:15 to 12:30 p.m.—Jones Musical Headlines

12:30 to 1 p.m.—Voice of Spartan

1 to 1:30 p.m.—Copeland Musical Review

1:30 to 1:45 p.m.—“A Maharashtra Shop,” a modern shop play

1:45 to 2 p.m.—Fur Facts

2 to 3 p.m.—Gems from Sartori

3 to 3:30 p.m.—Theatrical Preview

3:30 to 4 p.m.—Paint and Mine Period

4 to 5 p.m.—Triodian String Ensemble

5 to 5:30 p.m.—Interwoven Pair, NBC

5:30 to 6 p.m.—Triodian String Ensemble

6 to 6:30 p.m.—Davenport Hotel Dance Orch.

6:30 to 7 p.m.—Armour & Co., NBC

7 to 8 p.m.—Dwight Johnson’s orchestra

7:30 to 8 p.m.—Wendy Johnson’s orchestra

8 to 12 midnight—Studio program and novelties

12 to 7 a.m.—Dorado Club Sleepwreckers

239 Meters

KXL Channel 125

1250 Kcys.

500 Watts

KXL Broadcasters, Inc., Portland, Ore.

5 to 6:30 p.m.—Dinner music

6:30 to 7:30 p.m.—Grandpa Bulger’s Children’s Hour

7:30 to 8 p.m.—Wendy Johnson’s orchestra

8 to 12 midnight—Studio program and novelties

12 to 7 a.m.—Dorado Club Sleepwreckers
FRIDAY Programs

440.9 Meters  KPO  Channel 68  680 Kcys.  5000 Watts
Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m.—S. & W. health exercises by Hugh Barrett Dobbs and William H. Hancock
8 to 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 a.m.—Bank of America of California
10:15 to 10:30 a.m.—Libby, McNeill & Libby, NBC
10:30 to 11:30 a.m.—Magazine of the Air, NBC
12 to 12:05 p.m.—Scripture reading; announcements
12:05 to 12:45 p.m.—California Crooners
12:45 to 1:30 p.m.—Commonwealth Club Luncheon
1:30 to 2 p.m.—Jerry Jermaine, balladist
2 to 2:30 p.m.—House of Dreams
2:30 to 2:45 p.m.—Stock market quotations
2:45 to 3:45 p.m.—Kozak Radiograms
3:45 to 4:30 p.m.—Baseball broadcast
4:30 to 4:40 p.m.—Stock market quotations
4:40 to 5 p.m.—Children’s hour
5 to 5:30 p.m.—Interwoven Pair, NBC
5:30 to 5:45 p.m.—Federal Business Ass’n talk
5:45 to 6 p.m.—Book Review, Harold Small
6 to 6:30 p.m.—Summer Melodies, NBC
6:30 to 7 p.m.—Armour Company, NBC
7 to 7:30 p.m.—Interwoven Pair and entertainers
7:30 to 8 a.m.—Early news items
8 to 8:15 a.m.—Records
8:15 to 8:45 a.m.—Bright and Early Hour
8:45 to 9:30 a.m.—Novelty program
9:30 to 9:45 p.m.—Bordner Dairy, NBC
9:45 to 10 a.m.—Palace Hotel Dance Orchestra
10 to 11 a.m.—Organ recital
11 to 11:10 a.m.—Woman’s Hour with Melody Three
11:10 to 12 noon—Studio staff program
12 to 12:05 p.m.—Pacific Little Symphony, NBC
12:05 to 12:45 p.m.—Shell Happy Time, NBC
12:45 to 1:30 p.m.—Commonwealth Club Luncheon
1:30 to 2 p.m.—Jerry Jermaine, balladist
2 to 2:30 p.m.—House of Dreams
2:30 to 2:40 p.m.—Stock market quotations
2:40 to 3:40 p.m.—Baseball broadcast
3:40 to 4:30 p.m.—Stock market quotations
4:30 to 5 p.m.—Children’s hour
5 to 5:30 p.m.—Interwoven Pair, NBC
5:30 to 5:45 p.m.—Federal Business Ass’n talk
5:45 to 6 p.m.—Book Review, Harold Small
6 to 6:30 p.m.—Summer Melodies, NBC
6:30 to 7 p.m.—Armour program, NBC
7 to 8 a.m.—Green Room, NBC
7:30 to 8 a.m.—RCA Hour, NBC
8 to 8:30 a.m.—“Borden Dairy,” NBC
9:30 to 10 a.m.—The Three Boys
10 to 11 a.m.—Western Artist Series concert; Eva Groninger Atkinson, contralto; Austin Mosher, baritone
11 to 12 midnight—Henry Halstead’s Hotel St. Francis Dance Orchestra

239.9 Meters  KFOX  Channel 125  1250 Kcys.  1000 Watts
Nichols & Warinner, Long Beach, Calif.
5 to 7 a.m.—Remote control KFVJ
7 to 7:30 a.m.—Hello Everybody
7:30 to 8 a.m.—Early news items
8 to 8:15 a.m.—Records
8:15 to 9 a.m.—Bright and Early Hour
9 to 9:15 a.m.—Organ recital
9:15 to 10 a.m.—Interwoven Pair and entertainers
10 to 11 a.m.—Organ recital
11 to 11:10 a.m.—Beauty talk
11:10 to 12 noon—Studio orchestra; news
12 to 1 p.m.—Hollywood Girls
1 to 1:30 p.m.—Masonic luncheon
1:30 to 2 p.m.—Motor Tires Quartet
2 to 2:15 p.m.—Health talk
2:15 to 2:30 p.m.—Doris Dolan and Clarence Bittke, baritone
2:30 to 3 p.m.—Long Beach Municipal Band
3 to 3:15 p.m.—Organ recital
3:15 to 4 p.m.—Long Beach Municipal Band
4 to 4:15 p.m.—News report
4:15 to 5 p.m.—Varsity Boys
5 to 5:30 p.m.—Organ recital
5:30 to 6 p.m.—Hollywood Girls
6 to 6:05 p.m.—Lost and Found Dept.
6:05 to 6:30 p.m.—Novelty program
6:30 to 7 p.m.—Originality Girls
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.—Orchestra and quartet
9 to 9:30 p.m.—Cinderella Roof Ballroom
9:30 to 10 p.m.—Mezzo Ballroom
10 to 10:30 p.m.—El Patio Ballroom
10:30 to 11 p.m.—Charlie Joslyn’s orchestra
11 to 1 a.m.—Dorado Club, Four Red Coats

379.5 Meters  KGO  Channel 79  790 Kcys.  10,000 Watts
General Electric Co., Oakland, California
9:30 to 10:15 a.m.—California Home Life
10:15 to 10:30 a.m.—The Libby Kitchen, NBC
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 12 noon—Studio staff program
12 to 1 p.m.—Pacific Little Symphony, NBC
1 to 1:30 p.m.—Weather; S. F. and N. Y. stocks; daily bulletins
4 to 4:30 p.m.—Edward J. Fitzpatrick’s Hotel St. Francis Orchestra
4:30 to 5 p.m.—Tom King detective stories
5 to 5:30 p.m.—Interwoven Pair, NBC
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce, daily bulletins and news
6 to 6:30 p.m.—Summer Melodies, NBC
6:30 to 7 p.m.—Armour program, NBC
7 to 8 p.m.—Green Room, NBC
8 to 9 p.m.—RCA Hour, NBC
9 to 9:30 p.m.—“Borden Dairy,” NBC
9:30 to 10 p.m.—The Three Boys
10 to 11 p.m.—Western Artist Series concert; Eva Groninger Atkinson, contralto; Austin Mosher, baritone
11 to 12 midnight—Henry Halstead’s Hotel St. Francis Dance Orchestra

315.6 Meters  KFWB  Channel 95  950 Kcys.  1000 Watts
Warner Brothers, Hollywood, California
8 a.m.—Harry Q. Mills, organist; Harmony Quartet and entertainers
10 a.m.—Harmony Hour
11:45 a.m.—Woman’s Hour with Melody Three
12:30 p.m.—Musical program
12:45 p.m.—Air Journal
1:15 p.m.—Proff Moore’s orchestra
1:45 p.m.—Air Journal
2:10 p.m.—Coast League baseball game
4:45 p.m.—Radio Varieties
6:30 p.m.—Musical program
6:30 p.m.—Harry Jackson’s entertainers
7 p.m.—Hollywood String Quintet; Frederick Bittke, baritone
7:45 p.m.—Daily news items
8 p.m.—Old Hickory and the Iowans
8:30 p.m.—Ray Martinez Concert Orchestra and soloists
9:30 p.m.—Concert orchestra and soloists
10 p.m.—Irving Aaronson and his Commanders
11 p.m.—Proff Moore’s orchestra
12 to 12:30 a.m.—Organ recital

483.6 Meters  KGW  Channel 62  620 Kcys.  1000 Watts
The Morning Oregonian, Portland, Oregon
7:45 to 8 a.m.—Devotional services
8 to 9 a.m.—Shell Happy Time, NBC
9 to 9:10 a.m.—News
9:10 to 9:30 a.m.—Oregonian Cooking School
9:30 to 10:15 a.m.—The Town Crier
10:15 to 10:30 a.m.—Libby, McNeill & Libby, NBC
10:30 to 11:30 a.m.—“Women’s Magazine of the Air,” NBC
4 to 5 p.m.—Organ recital
5 to 5:30 p.m.—Interwoven Pair, NBC
5:30 to 5:35 p.m.—Music
5:35 to 5:40 p.m.—Fishing bulletin
5:40 to 6:30 p.m.—Armour program, NBC
6:30 to 7 p.m.—Armour program, NBC
7 to 8 p.m.—Green Room, NBC
8 to 9 p.m.—“RCA Hour,” NBC
9 to 9:30 p.m.—“Borden Dairy,” NBC
9:30 to 10 p.m.—Veedol vaudeville program
10 to 11 p.m.—Broadway Melodies, NBC
11 to 12 midnight—Musical Musketeers, NBC
## FRIDAY Programs

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FRIDAY Programs

322.4 Meters KFWI Channel 93
930 Kcys. 500 Watts
Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Health exercises
8 to 8:30 a.m.—Recordings
9 to 9:30 a.m.—Cal King's Country Store
9:30 to 10 a.m.—Recordings
10 to 10:30 a.m.—Charlie Glenn, songs
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—News items, police reports
11 to 12 noon—Recordings
12 to 1 p.m.—Luncheon program, Mrs. William Empey, saxophonist
1 to 1:30 p.m.—Cal King's Country Store
1:30 to 2 p.m.—Recordings
2 to 2:30 p.m.—Pal of the Air
6 to 6:30 p.m.—Piano recital
6:30 to 7 p.m.—Studio program
8:30 to 8 p.m.—Caroline Crew Hill, soprano; Miss Sprague, pianist and accompanist
9 to 9:30 p.m.—Happy Chappies
9:30 to 10 p.m.—M. Lorenzini, baritone
10 to 11 p.m.—Everett Steffens, original Press Club Orchestra

285.5 Meters KNX Channel 105
1050 Kcys. 5000 Watts
L. A. Evening Express, Los Angeles, Calif.
6:45 to 7 a.m.—Health exercises
8 to 8:30 a.m.—Record program
8:15 to 9 a.m.—A Menu for Sunday Dinner
9:30 to 10 a.m.—Radio shopping news
10 to 11 a.m.—Radio Church of the Air
11 to 11:30 a.m.—Women's Christian Temperance Union program
11:30 to 12 noon—Heavenly Pency
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3:30 to 4 p.m.—Federation of Women's Clubs program
4 to 4:30 p.m.—Lost and found announcements, market reports
4:30 to 5 p.m.—C. P. R.'s musical program
5:15 to 5:45 p.m.—Chet Mittendorf
5:45 to 6 p.m.—Amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX Concert Orchestra
7 to 7:30 p.m.—KNX feature artists
7:30 to 8 p.m.—Program typical of the state of Delaware
8 to 9 p.m.—Order of Optimistle Do-Nuts
9 to 9:45 p.m.—"Lion Tamers"
9:45 p.m.—Main event from the Hollywood Legion Stadium
10 to 12 midnight—Jackie Taylor's Cocosnut Grove Orchestra
12 to 1 a.m.—Record program

243.8 Meters KYA Channel 123
1230 Kcys. 1000 Watts
Pacific Broadcasting Corp., San Francisco
Due to numerous changes details not available.

265.3 Meters KSL Channel 113
1130 Kcys. 5000 Watts
Radio Service Corp., Salt Lake City, Utah
5 p.m.—Interwoven Pair, NBC
5:30 p.m.—U. S. Forestry Service program
6 p.m.—The Elgin Four, male quartet
6:30 p.m.—Armour & Co., NBC
7 p.m.—Studio program
7:15 p.m.—Amos 'n' Andy, NBC eastern network
8:30 p.m.—Osborne Sisters, Harmony Singers; Leroy Johnson, popular basso, and Donald Cope, violinist, assisted by Atton Pitt
9 p.m.—Borden Western Co., NBC
9:30 p.m.—Studio program
10:10 p.m.—Broadway Melodies, NBC

325.9 Meters KOMO Channel 92
920 Kcys. 1000 Watts
Fisher's Blend Station, Seattle, Washington
7:55 a.m.—Inspirational services
8 a.m.—Shelly Happy Time
9 a.m.—Organ recital
10 a.m.—What to Prepare for Dinner
10:15 a.m.—Libby, McNeill & Libby, NBC
10:30 a.m.—Magazine of The Air, NBC
11:10 a.m.—Orch.; Greenwood Mitchell, Helen Hoover and Hayden Morris
12 noon—Pacific Little Symphony, NBC
12:15 p.m.—Orchestra; Dorothea Wel and Helen Hoover
2:15 p.m.—Orchestra; Greenwood Mitchell and Hayden Morris
4 p.m.—Mining stock quotations
4:15 p.m.—Children's Story Hour
4:30 p.m.—Hayden Morris and Dorothea Wel
4:45 p.m.—Stock and bond quotations
5 p.m.—Interwoven Pair, NBC
5:30 p.m.—Orchestra; G. Donald Gray and Fred Lynch
6:30 p.m.—Armour program, NBC
7 p.m.—Orchestra; Hayden Morris and Piero Orsatti
8 p.m.—RCA Hour, NBC
9 p.m.—Borden Farm program, NBC
9:30 p.m.—Veedol Vodvil, NBC
10 p.m.—News flashes
10:15 p.m.—Olympic Hotel Dance Orchestra
11 p.m.—Musical Musketeers, NBC
12 to 12:30 a.m.—Organ recital

319.0 Meters KOIN Channel 94
940 Kcys. 1000 Watts
The Portland News, Portland, Oregon
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.—Studio
2 to 2:15 p.m.—Inspirational speaker
2:15 to 3 p.m.—Musical program
3 to 3:30 p.m.—News items and music
3:30 to 5 p.m.—Organ recital
5 to 5:30 p.m.—String ensemble
5:30 to 6 p.m.—Orchestra
6 to 7 p.m.—Heathman Hotel pipe organ
7 to 7:30 p.m.—Benson Hotel Orchestra
7:30 to 8 p.m.—Orchestra
8 to 9 p.m.—Studio string ensemble
9 to 10 p.m.—Orchestra
10 to 11:30 p.m.—McElroy's Oregonians
SATURDAY Programs

Aug. 31, 1929

"Mac"
KFRC—10:00 a.m.

Dr. Buren L. Corley
KTAB—10:30 a.m.

Dick Dixon
KGER—1:30 p.m.

G. Franklin Roberts
KFWI—6:00 p.m.

322.4 Meters
KFWI Channel 93
930 Kcys., 500 Watts
Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Health exercises
9 to 9:30 a.m.—Cal King’s Country Store
9:30 to 10 a.m.—Recordings
10 to 10:30 a.m.—Charlie Glenn, songs
10:30 to 11 a.m.—News items, police report
11 to 12 noon—Ernest Castell, accordianist
6 to 7 p.m.—Wardell, baritone; assisting artists; Peter Hansen, pianist

322.4 Meters
KFWM Channel 93
930 Kcys., 500 Watts
Oakland Educational Society, Oakland, Cal.
8 to 9 a.m.—Select recordings
11 to 12 noon—Hauschildt Music Hour
1:30 to 2:30 p.m.—Edna’s Entertainment Hour
2:30 to 5 p.m.—A Kingdom Message
3 to 3:40 p.m.—Organ recital
3:40 to 4:30 p.m.—Musical program
4:30 to 5:30 p.m.—The “Ne’er Do Well”
5:30 to 6 p.m.—Kingdom talk; classical music
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—Watch Tower program
8:30 to 9 p.m.—Musical program
9 to 10 p.m.—The Variety Hour
10 to 11 p.m.—Select dance records

710 Kcys.
KFVD Channel 71
422.3 Meters
250 Watts
Auburn Fuller, Culver City, Calif.
7 a.m.—"Happy-Go-Lucky Trio"
9 a.m.—Dan Maxwell, Scotch comedian
11:30 a.m.—Carey Preston Rittmeister
12 noon—Tom Brenneman
12:30 p.m.—Tom and Wash
2 p.m.—Madame Lauro’s Spanish program
3 p.m.—Auburn Concert Orchestra
4 p.m.—Eldorado program
5:45 p.m.—Timely topics
8 p.m.—De Witt Hagar’s program
9 p.m.—Auburn Concert Orchestra
10 p.m.—KFVD Orchestra
11 to 1 a.m.—Sebastians’ Cotton Club Orchestra

440.9 Meters
KPO Channel 68
680 Kcys., 5000 Watts
Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m.—S. & W. 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 a.m.—Bank of America of California
10:30 to 11:15 a.m.—National Farm and Home Hour, NBC
12 to 12:05 p.m.—Scripture reading; announcements
12:05 to 1 p.m.—Aeolian Trio
1 to 1:30 p.m.—Jerry Jermaine, balladist
1:30 to 2 p.m.—Ann Warner’s Home Chats
2:30 to 2:43 p.m.—Stock market quotations
2:45 to 2:45 p.m.—Kozak Radiograms
2:45 to 4:30 p.m.—Baseball broadcast
4:30 to 4:40 p.m.—Stock market quotations
4:40 to 5 p.m.—Children’s hour
5 to 6 p.m.—General Electric, NBC
6 to 7 p.m.—Lucky Strike Hour, NBC
7 to 8 p.m.—Reo Masters of Music
8 to 8:30 p.m.—Temple Corporation, NBC
8:30 to 10 p.m.—Hollywood Bowl concert, NBC
10 to 11 p.m.—Packard program, KPO-KFI
11 to 12 midnight—Palace Hotel Dance Orch.

315.6 Meters
KFWB Channel 95
950 Kcys., 1000 Watts
Warner Brothers, Hollywood, California
8 a.m.—Harry Q. Mills, organist; Harmony Quartet and entertainers
10 a.m.—Harmony Hour
11:45 a.m.—Woman’s Hour with Melody Trio
12:30 p.m.—Air Journal
1:15 p.m.—Proff Moore’s orchestra
1:45 p.m.—Air Journal
2:10 p.m.—Coast League baseball game
4:45 p.m.—Radio Varieties
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson’s entertainers
7 p.m.—Hobart Kennedy’s banjo trio
7:30 p.m.—Newsboys’ sextet; Buster Dees, popular songs
8 p.m.—Mona Motor Oilers; Ann Grey, popular songs
9 p.m.—Continuity program
9:30 p.m.—Irving Aaronson’s Comanders
10:30 to 11:30 p.m.—Proff Moore’s orchestra
SUNDAY Programs

National Broadcasting Company

10:15 to 11:30 a.m.—National Farm and Home Hour

Originating at Washington, D. C., and Chicago, the National Farm and Home Hour will be broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

6 to 7 p.m.—Lucky Strike Hour

A galaxy of staff artists will appear before the microphone as the Cavalcade passes in review during the nation-wide broadcast through KOMO, KGW and KGO.

5 to 6 p.m.—General Electric Hour

Noted compositions of two outstanding contemporary composers, Honegger and Dukas, will be features of the General Electric Hour tonight.

Nathaniel Shilkret will direct the performance of these and other selections on the program, details of which follow:

Orchestra—Overture, "Figaro"...
Orchestra—Spinning Wheel, "Omphale"...
Orchestra—Debussy (Arr. Ravel)...
Orchestra—Praunie—Watner
Orchestra—Finale—violin concerto...

7 to 8 p.m.—Nights in Spain

The famous "Spanish Dance" by Moszkowski, a Polish composer who succeeded in capturing a brilliant picture of Spain in his music, is one of the orchestral selections which Max Dorn will conduct. Another colorful bit of Spanish melody by an alien musician, Waldteufel's "Espana," is also listed.

Soloists will be Francesca Ortega, contralto, and Easton Kent, tenor. Typical songs by De Falla and Alvarez are among Miss Ortega's four numbers.

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

8 to 8:30 p.m.—Temple of the Air

Joining in the strains of the "Song of the Nile," the entire ensemble of vocalists and instrumentalists will open the weekly half-hour "Temple of the Air." The string sextet will follow with Miles' scintillating and animated melody, "Sparklets." A Brahms classic, the Gypsies," will be interpreted in a duet by the soprano and contralto. The male quartet's only contribution will be a new popular tune, "I Want to Meander in the Meadow." Stickles' "The Open Road," sung by the tenor, will be the one solo of the program.

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

8:30 to 10 p.m.—Hollywood Bowl Symphony Concert

From the vast outdoor amphitheater in the Hollywood hills another Hollywood Bowl symphony concert will be broadcast tonight. The program of classical music, conducted by the world-famous Bruno Walter, will conclude the summer series presented in the Southern California city.

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

10 to 11 p.m.—NBC Troubadours

Mynard Jones will direct the Troubadours in his arrangements of a number of light classical selections. There will include two Dvorak compositions and another spiritual, "Goin' to Shout."

Assisting the singers will be an orchestra and Frederick MacMurray, viola soloist. MacMurray will play his own composition, "Reverie," as the first of two solos.

Broadcast through KOMO and KGO.

11 to 12 midnight—Musical Musketeers

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

8:30 to 10 p.m.—Culinary Kings

10 to 12 midnight—Dance music

285.5 Meters

KNX Channel 105

1050 Kcys.

5 to 6 p.m.—Musical Master Works

10 to 10:30 a.m.—Town Crier's message

11 to 12 midnight—Musical Musketeers

4:30 to 5 p.m.—C. P. R.'s musical program

12 to 12:30 p.m.—Musical program

8 to 9 a.m.—Devolutions services

9 to 9:20 a.m.—Oregonian Cooking School

8:30 to 10 p.m.—Hollywood Bowl Symphony

10 to 10:30 a.m.—Lustig

6:30 to 7 p.m.—Lustig Trio and the Dudley Chambers Male Glee Club

8 to 8:05 p.m.—Announcements of church services

8:05 to 10 p.m.—KNX feature artists

10 to 12 midnight—Jackie Taylor's Cocoanut Grove Orchestra

12 to 1 a.m.—Record program

1 to 2 a.m.—The Midnight Express

620 Kcys.

1000 Watts

The Morning Oregonian, Portland, Oregon

4:45 to 5 a.m.—Health exercises

5:30 to 6 a.m.—record program

6:15 to 6:30 a.m.—Inspirational talk

6:30 to 6:55 a.m.—Record program

7:30 to 9 a.m.—Radio shopping news

10 to 10:30 a.m.—Town Crier's message

12 to 12:30 p.m.—Musical program

12:30 to 12:45 p.m.—W. F. Alder travelogue

1 to 2 p.m.—The Bookworm

2 to 2:30 p.m.—Records and announcements

2:30 to 3 p.m.—Radio Church of the Air

3 to 4 p.m.—Hostess "Summer Days" show

4 to 5 p.m.—Lost and found announcements, market reports

4:30 to 5 p.m.—J. P. R.'s musical program

5:15 to 5:45 p.m.—Chet Mittendorf

5:45 to 6 p.m.—A. R. Beorder

6 to 6:30 p.m.—Organ program

6:30 to 7 p.m.—KXN Concert Orchestra

7 to 7:30 p.m.—Lustig Trio and the Dudley Chambers Male Glee Club

8 to 8:05 p.m.—Announcements of church services

8:05 to 10 p.m.—KNX feature artists

10 to 12 midnight—Jackie Taylor's Cocoanut Grove Orchestra

12 to 1 a.m.—Record program

1 to 2 a.m.—The Midnight Express

1050 Watts

L. A. Evening Express, Los Angeles, Calif.
**SUNDAY Programs**

<table>
<thead>
<tr>
<th>379.5 Meters KGO</th>
<th>Channel 79</th>
<th>10,000 Watts</th>
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<tbody>
<tr>
<td>790 Kcys. General Electric Co., Oakland, California</td>
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<tr>
<td>9:30 to 10:30 a.m.—California Home Life</td>
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<td>10:30 to 11:15 a.m.—National Farm and Home Hour, NBC</td>
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<tr>
<td>11:15 to 1 p.m.—Rembrandt Trio; stocks and weather</td>
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<td>3:30 to 4 p.m.—Road Information</td>
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<td>4 to 5 p.m.—The Cavalcade, NBC</td>
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<td>5 to 6 p.m.—General Electric Hour, NBC</td>
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<td>6 to 7 p.m.—Lucky Strike Hour, NBC</td>
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<td>7 to 7:30 p.m.—Nights in Spain, NBC</td>
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<td>7:30 to 7:45 p.m.—Sports review, Al Santoro</td>
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<td>7:30 to 8 p.m.—Olivia Robbins Dunn and Betty Kelly</td>
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<td>8 to 8:30 p.m.—Tempel of the Air, NBC</td>
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<td>8:30 to 9:30 p.m.—Studio program</td>
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<td>9 to 10 a.m.—Home Economics</td>
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<tr>
<td>10:30 to 10:45 a.m.—Sunshine Liberty program</td>
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<td>10:45 to 11:15 a.m.—National Farm and Home Hour, NBC</td>
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<td>11:15 to 12 noon—Farmers’ Service Hour</td>
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<td>12 to 12:30 p.m.—Variety program</td>
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<td>12:30 to 1 p.m.—Lucky Strike Hour, NBC</td>
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<td>12:30 to 1:30 p.m.—Jones Musical Headlines</td>
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<td>1:30 to 2 p.m.—Popcorn Elliott, organist</td>
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<td>2 to 3 p.m.—Washington Home Service</td>
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<td>3 to 4 p.m.—Popular records</td>
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<td>4 to 4:30 p.m.—Packard Half Hour</td>
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<td>4:30 to 5 p.m.—Music for Your Dinner</td>
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<td>5 to 5:30 p.m.—Organ programs</td>
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<td>5:30 to 6 p.m.—Variety records</td>
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<td>6:30 to 7 p.m.—Wesley Tourtelotte, organist</td>
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<td>7 to 8 p.m.—Nights in Spain, NBC</td>
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<td>8 to 8:30 p.m.—Templ of the Air, NBC</td>
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<td>6:30 to 7 p.m.—Wesley Tourtelotte, organist</td>
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<td>7:30 to 8 p.m.—Cashier’s Hour, NBC</td>
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<td>8 to 9 p.m.—Frisco Farm Hour, NBC</td>
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<td>9 to 10 p.m.—Don Lee Symphony Orchestra</td>
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<tr>
<td>10 to 11 p.m.—Anson Weeks’ Hotel Mark Hopkins Orchestra</td>
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<td>11 to 12 midnight—Biltmore Hotel Orchestra</td>
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<tr>
<td>12 to 1 a.m.—New Mandarin Cafe Orchestra</td>
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<th>508.2 Meters KHQ</th>
<th>Channel 59</th>
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<tr>
<td>7 to 7:30 a.m.—Sunrise Pep Period</td>
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<td>7:30 to 8 a.m.—Model Musical Klock</td>
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<td>8 to 9 a.m.—Shell Happy Time, KPO</td>
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<td>9 to 10 a.m.—Home Economics</td>
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<td>10 to 10:30 a.m.—Sunshine Liberty program</td>
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<tr>
<td>10:30 to 11:15 a.m.—National Farm and Home Hour, NBC</td>
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<td>11:15 to 12 noon—Farmers’ Service Hour</td>
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<td>12:15 to 12:30 p.m.—Luncheon program</td>
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<tr>
<td>12:30 to 1 p.m.—Lunchbox Orchestra</td>
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<td>1 to 1:30 p.m.—Copoland Musical Review</td>
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<td>1:30 to 2 p.m.—Miss Modern shops a la Mode</td>
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<td>2 to 3 p.m.—Washington Home Service</td>
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<td>3 to 3:15 p.m.—Musical program</td>
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<td>3:15 to 3:30 p.m.—Studio program</td>
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<td>3:30 to 4 p.m.—Paint o’ Mine Period</td>
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<td>4 to 5 p.m.—Triodian String Ensemble</td>
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<td>5 to 6 p.m.—General Electric, NBC</td>
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<td>6 to 7 p.m.—Lucky Strike Hour, NBC</td>
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<td>7 to 7:30 p.m.—Nights in Spain, NBC</td>
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<td>7:30 to 8 p.m.—Music for Your Dinner</td>
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<td>8 to 9 p.m.—Frisco Farm Hour, NBC</td>
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<th>296.6 Meters KQW</th>
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<tr>
<td>1010 Kcys. First Baptist Church, San Jose, California</td>
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<tr>
<td>10 to 11 a.m.—Helpful Hour</td>
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<td>11 to 12 noon—Watsonville program</td>
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<tr>
<td>12 to 12:30 p.m.—Musical program</td>
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<td>12:30 to 1 p.m.—Market reports, weather</td>
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<td>1 to 1:30 p.m.—Hart’s Happy Half Hour</td>
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<td>1:30 to 2:30 p.m.—The Friendly Hour</td>
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<td>2:30 to 3:30 p.m.—Musical program</td>
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<td>5 to 6 p.m.—Children’s program</td>
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<td>5:30 to 5:45 p.m.—Herzog and Bierman program</td>
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<td>5:45 to 6 p.m.—Frigidaire program</td>
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<td>6:30 to 8:30 p.m.—Musical program</td>
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<td>8:30 to 9:30 p.m.—Studio program</td>
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**280.2 Meters KJBS**

| 1070 Kcys. J. Brunton & Sons, San Francisco, Calif. |
|------------------|------------|------------|
| 7 to 8 a.m.—Early Birds Hour |
| 8 to 9:30 a.m.—Favorite recordings |
| 9:30 to 10 a.m.—American tunes |
| 10 to 11 a.m.—Dance recordings |
| 11 to 11:45 a.m.—Amateur auditions |
| 11:45 to 12 noon—Church announcements |
| 12 to 1 p.m.—Sherman, Clay noontime concert |
| 1 to 1:30 p.m.—Leigh Harline, organist |
| 1:30 to 2 p.m.—Charlie Wellman |
| 2 to 3 p.m.—KHJ recital program |
| 3 to 4 p.m.—Charlie Wellman, DLBS |
| 4 to 5 p.m.—Recordings |
| 5 to 5:30 p.m.—Sunset Quintette, DLBS |
| 5:30 to 6 p.m.—Hank Howe and his music, DLBS |
| 6 to 7 p.m.—Wesley Turtletotte, organist |
| 7 to 8 p.m.—Don Lee Broadcasting System program |
| 8 to 9 p.m.—Tom Gerunovitch’s Roof Garden Orchestra |
| 9 to 10 p.m.—Don Lee Symphony Orchestra |
| 10 to 11 p.m.—Anson Weeks’ Hotel Mark Hopkins Orchestra |
| 11 to 12 midnight—Biltmore Hotel Orchestra |
| 12 to 1 a.m.—New Mandarin Cafe Orchestra |

**325.9 Meters KOMO**

| 920 Kcys. ’ Fisher’s Blend Station, Seattle, Washington |
|------------------|------------|------------|
| 7:55 a.m.—Inspirational services |
| 8 a.m.—Shell Happy Time |
| 9 a.m.—Organ recital |
| 10 a.m.—Helen Hoover and Dorothea Wei |
| 10:15 a.m.—What to Prepare for Dinner |
| 10:30 a.m.—National Farm and Home Hour |
| 11:15 a.m.—Orchestra; G. Donald Gray and Hayden Morris |
| 12:30 p.m.—Orchestra; G. Donald Gray and Art Lindsay |
| 1:30 p.m.—Hayden Morris and Vesta Muth |
| 1:45 p.m.—Orchestra; Dorothea Wei, G. Donald Gray and Helen Hoover |
| 3:30 p.m.—Stock reports on mining |
| 3:45 p.m.—Stocks, bond and grain quotations |
| 4 p.m.—The Cavalcade, NBC |
| 5 p.m.—General Electric Co. program, NBC |
| 6 p.m.—Lucky Strike Dance Hour, NBC |
| 7 p.m.—Nights in Spain, NBC |
| 7:15 p.m.—News flashes |
| 7:30 p.m.—The Friars |
| 8 p.m.—Temple of the Air, NBC |
| 8:30 p.m.—Hollywood Bowl concert, NBC |
| 10 p.m.—The Troubadours, NBC |
| 11 p.m.—Musical Muskeeters, NBC |
| 12 midnight—Organ recital |
SATURDAY Programs

545.1 Meters
KTAB Channel 55
Pickwick Broadcasting Co., Oakland, Calif.
7 to 8 a.m.—Rastus and Sambo
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 11:30 a.m.—Kimball, Chasing the Blues
11 to 12 p.m.—Sterling Cosmopolitans
1 to 1:30 p.m.—Chapel of the Chimes
1 to 4 p.m.—Matinee Melodists
4 to 6 p.m.—Brother Bob's Frolic
6 to 6:30 p.m.—Barney Lewis
6:30 to 7 p.m.—Twilight Hour
7 to 7:30 p.m.—Recordings
7 to 8 p.m.—Walter J. Rudolph, pianist
8 to 10 p.m.—Pickwick Follies
10 to 11 p.m.—Recital program
11 a.m. to 1 p.m.—Kelly Kar Nite Owls

265.3 Meters
KSL Channel 113
Radio Service Corp., Salt Lake City, Utah
3 p.m.—Plano Twins, NBC
3:45 p.m.—Julius Klein, NBC
4 p.m.—The Cavalcade, NBC
5 p.m.—General Electric Hour, NBC
6 p.m.—Lucky Strike Hour, NBC
7 p.m.—Melodyettes Trio
7:15 p.m.—Amos 'n' Andy, NBC eastern network
7:30 p.m.—Baldwin Instrumental Trio
8 p.m.—The Brimley Brothers, male quartet
8:30 p.m.—Amateur night
9 p.m.—Provo Chamber of Commerce program

220.4 Meters
KGB Channel 136
Pickwick Broadcasting Co., San Diego, Calif.
7 to 7:30 a.m.—Popular recordings
7:30 to 7:45 a.m.—George Beilfuss Co.
7:45 to 8 a.m.—Recordings
9 to 9:15 a.m.—Louis G. Blanken Co.
9:15 to 10 a.m.—Recordings
10 to 11 a.m.—Classical recordings
10:30 to 11 a.m.—Recordings
11 a.m. to 12 p.m.—Baseball reviews
12 p.m. to 12:15 p.m.—Marvin Burns and Fred Caldwell
1 to 1:30 p.m.—Fred Wesley and Otto Hoeg
9 to 10 p.m.—Green Hat Nite Club
9 to 12 midnight.—Frolic, KGB Ko-Eds

526 Meters
KXA Channel 57
5 to 6 p.m.—All-request program
6 to 6:30 p.m.—Northwestern Crifer Hour
6:30 to 7 p.m.—Elvira Herrin for the Kiddies
7 to 7:30 p.m.—Puget Sound realty program
7:30 to 7:45 p.m.—Watt Tire Co. program
7:45 to 8 p.m.—Helen Raemer, Marghareta Forman
8 to 8 p.m.—Chris Coughlan, Goldie, Lucile Collett, Hermes Twins
9 to 10 p.m.—Studio features
10 to 11 p.m.—Bill Winder's dance orchestra

468.5 Meters
KFI Channel 64
Broadcast Weekly
Copyright, 1929, E. C. Anthony, Inc., L. A.
7 a.m.—S. & W. morning exercise
8 a.m.—Shell Happy Time from KPO
8:30 a.m.—Barker Bros., Sarah Ellen Barnes
talk on Hollywood Bowl
10:30 a.m.—National Farm and Home Hour, NBC
11:45 a.m.—French lesson, Annette Doherty
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
2 p.m.—Phenomena
3:30 p.m.—Glen Edmond and his Collegians
5 p.m.—The General Electric Co., NBC
6 p.m.—Lucky Strike Hour, NBC
7 p.m.—Studio program
7:55 p.m.—Better Business Bureau talks
8 p.m.—Temple of the Air, NBC
8:30 p.m.—Hollywood Bowl concert
10 p.m.—KFI-KPO Earl C. Anthony, Inc., program
11 p.m.—KFI news bureau
11:15 p.m.—KFI Midnight Frolic

223.7 Meters
KMO Channel 134
KMO, Inc., Tacoma, Washington
6:45 to 8 a.m.—Daybreakers' program
8 to 9 a.m.—KMO Early Birds
9 to 9:30 a.m.—National Defense
9:30 to 10 a.m.—Medosweet Moments
10 to 10:30 a.m.—News Flashes
10:30 to 11 a.m.—Town Crier and newscasting
11 to 11:30 a.m.—Busy Bee program
11:15 a.m. to 12 midnight—Dance music

218.8 Meters
KGER Channel 137
C. M. Dobyns, Long Beach, Calif.
8 a.m.—Up With the Sun
11 a.m.—Rhythm Makers
1:30 p.m.—Organ recital
2:30 p.m.—Long Beach Municipal Band
4 p.m.—Edna Bond, popular songs
5 p.m.—Organ recital
6 p.m.—News and Triolian Trio
7:30 p.m.—Long Beach Municipal Band
8 p.m.—Organ recital
10 p.m.—Janice Simmons, violin
11 p.m.—Cocoanut Grove Orchestra

319.0 Meters
KOIN Channel 94
The Portland News, Portland, Oregon
9 a.m. 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
11:45 to 12 noon—Vocal program
12 to 1 p.m.—Luncheon concert
1 to 3:30 p.m.—Billy's Hawaiian bands
1:30 to 2 p.m.—Orchestra
2 to 2:15 p.m.—Inspirational speaker
2:15 to 3 p.m.—Studio
3 to 4 p.m.—News items and music
4:30 to 5:30 p.m.—String ensemble
5:30 to 6 p.m.—Orchestra
6 to 7 p.m.—Heathman Hotel pipe organ
7 to 7:30 p.m.—Benson Hotel Orchestra
7:30 to 8 p.m.—Novelty program
8 to 10 p.m.—Orchestra programs
10 to 11 p.m.—Syncopators
11 to 12 midnight—Jantzen Beach Orchestra

The Portland News, Portland, Oregon
9 a.m. 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
11:45 to 12 noon—Vocal program
12 to 1 p.m.—Luncheon concert
1 to 3:30 p.m.—Billy's Hawaiian bands
1:30 to 2 p.m.—Orchestra
2 to 2:15 p.m.—Inspirational speaker
2:15 to 3 p.m.—Studio
3 to 4 p.m.—News items and music
4:30 to 5:30 p.m.—String ensemble
5:30 to 6 p.m.—Orchestra
6 to 7 p.m.—Heathman Hotel pipe organ
7 to 7:30 p.m.—Benson Hotel Orchestra
7:30 to 8 p.m.—Novelty program
8 to 10 p.m.—Orchestra programs
10 to 11 p.m.—Syncopators
11 to 12 midnight—Jantzen Beach Orchestra
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KHJ
Channel 90
1000 Watts
Don Lee, Inc., Los Angeles, California
7 to 7:30 a.m.—Physical culture period
7:30 to 8 a.m.—Recordings
8 to 9 a.m.—“Early Birds”
9 to 9:30 a.m.—“Breakfast Nook Philosophy”
9:30 to 10 a.m.—Hawaii
10 to 10:30 a.m.—Baron Keyes, “Popular Song Revue”
10:30 to 11 a.m.—Mona Content, pianist, and
gordon barber, baritone
11 to 11:15 a.m.—Klein’s Harmonica Trio
11:15 to 11:30 a.m.—National Percolator program
11:30 to 12 noon—Recordings
12 to 12:30 p.m.—Biltmore Concert Orchestra
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:15 p.m.—Klein’s Harmonica Trio
1:15 to 1:30 p.m.—Organ recital, Leigh Harline
1:30 to 2 p.m.—Charlie Wellman’s requests
2 to 3 p.m.—Papa Radio program
3 to 4 p.m.—“Chasin’ the Blues”
4 to 4:15 p.m.—Recordings
4:15 to 4:30 p.m.—“Auto Combustion and Lubri-
cation”
4:30 to 4:45 p.m.—Playground Department
4:45 to 5 p.m.—Studio program
5 to 6 p.m.—Sunset Ensemble
5 to 6:45 p.m.—Organ recital with singers
6:15 to 7 p.m.—World-wide news
7 to 8 a.m.—Charles Shepherd’s Symphonishers
8 to 9 a.m.—KHJ Night Court
9 to 10 a.m.—Don Lee Symphony Orchestra
9 to 10 a.m.—KHJ Night Court
9 to 10 a.m.—KHJ Night Court
10 to 11 a.m.—Organ recital
11 to 11:10 a.m.—Beauty talk
11:10 to 12 noon—Studio orchestra; news
12 to 1 p.m.—Hollywood Girls
1 to 1:30 p.m.—Varsity Boys
1:30 to 2 p.m.—Originality Girls
2 to 2:15 p.m.—Health talk
2:15 to 2:30 p.m.—Doris and Clarence
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 p.m.—Varsity Boys; news
5 to 6:30 p.m.—Organ recital
6:30 to 7 p.m.—Motor Tires Quartet
7 to 7:30 p.m.—Sunset Harmony Boys
7:30 to 8 p.m.—Wilson’s orchestra
8 to 9 p.m.—Long Beach Municipal Band
9 to 9:30 p.m.—Cinderella Roof Ballroom
9:30 to 10 p.m.—Majestic Ballroom
10 to 10:30 p.m.—Doris and Clarence; pain’s
Ragmuffins
10:30 to 11 p.m.—Charlie Joslyn’s orchestra
11 to 1 a.m.—Dorado Club, Four Red Coats

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