

Broadcast Weekly

For
Week of

Jan. 26 to
Feb. 1

---FEATURES---

AIR-LINE DISTANCES OF
IMPORTANT CITIES
THE RADIO TATTLER
MICROPHONE GOSSIP
PERSONAL PICK-UPS
"DOBBSIE'S" SILENT SOUND
SCREEN
RADIO TUBE BIGGEST
HUMAN ASSET
NBC WOMAN'S MAGAZINE
OF THE AIR
TOPICS OF THE TRADE
"RADIOSTAT" IS ENGLAND'S
SECRET
PICTURES ✓ PROGRAMS
SCHEDULES

"THE LEADING RADIO GUIDE OF THE PACIFIC COAST"

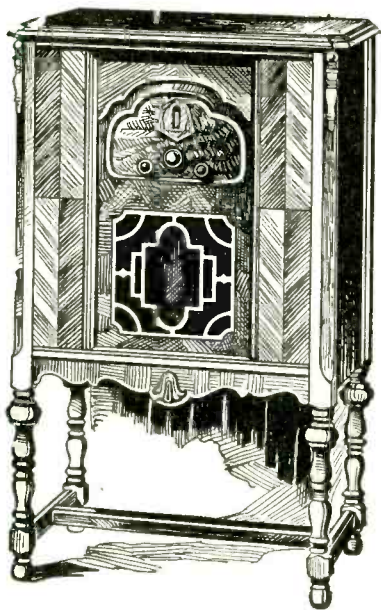
Who **IS YOUR** guide?

Let Alma Gluck, Efrem Zimbalist, George Gershwin, Jose Mojica and Edith Mason, all world famous musicians guide the selection of your radio.

They worked all summer to perfect the tone of

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THE JAMES H. BARRY CO., SAN FRANCISCO

BROADCAST WEEKLY

(FORMERLY RADIOCAST WEEKLY - ESTABLISHED 1922 AS BROADCAST PROGRAM)

A. J. URBAIN, *Publisher*

PUBLISHED ON THE FIRST DAY OF
EACH WEEK BY
**BROADCAST WEEKLY
PUBLISHING
COMPANY**
PACIFIC BUILDING,
821 MARKET STREET, SAN FRANCISCO
TELEPHONE DOUGLAS 5273



ENTERED AS 2ND CLASS
MATTER, MARCH 25, 1923, BY THE
POST OFFICE, SAN FRANCISCO, CALIFORNIA
UNDER ACT OF MARCH 3, 1879

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PUBLISHING COMPANY**

10 CENTS THE COPY FROM ALL NEWSDEALERS
BY SUBSCRIPTION \$3.00 PER YEAR

Vol. 8

San Francisco

JANUARY 25, 1930

Los Angeles

No. 18

THE EDITOR'S PAGE

MUCH has been said by radio critics universally about this business of advertising. The chain broadcasting stations probably have stood the brunt of these criticisms, not because their programs are the more consistently sponsored, but because their audience is larger and the ear of the listener more often is tuned to a network station.

With the advent of the New Year, it is fitting that we make a brief survey of radio entertainment and advertising as they come to us today. Obviously, America has achieved more in the new field of entertainment and education than any other country. In Great Britain and the other foreign nations which have maintained government controlled broadcasting stations, development has not compared with that in America.

The millions of men and women who listen every night to radio programs are beginning to express their gratitude unreservedly to the advertisers to whom they feel indebted for worthwhile entertainment. Great things are planned by these sponsors for the ensuing year, we learn by the advance information at hand. Money will be spent in vast amounts to insure the finest entertainers available for the programs already being released and for those which can be expected as net-

work features within the coming months.

National users of radio are learning to strip their programs of much commercialism. Their message is interlarded with the idea paramount that their program will be recognized by its individuality. The "Edison Recorders" and the "General Electric Hour," programs heard through the National Broadcasting Company's network, and the Columbia System's "Majestic Theatre of the Air" are excellent examples of this.

Some of those appreciating most keenly the efforts of program sponsors have checked carefully the time employed in advertising. The result shows that approximately 2 per cent of broadcasting time is occupied by announcements of that character, leaving 98 per cent for entertainment. This check, be it understood, applies to programs offered by national sponsors.

The spirit of appreciation as it has grown among the listening public already is responsible for a highly developed coöperative spirit existing between the auditor and sponsor of aerial entertainment. Perpetuation of such a commendable condition will mean that America will continue to hold her place in the forefront among nations interested in the development of radio broadcasting.

The RADIO TATTLER

By EARLE ENNIS

IT IS amazing, when you stop to think about it, what radio has done to educate humanity. Why, only yesterday we turned on our radio set and learned how to tell a man from a piano. Now that means something. Never again shall we be fooled into mistaking a piano for someone we know, or a friend for a baby grand. Radio has educated us.

* * *

We might have gone on for years, confusing men and pianos and getting into all sorts of complications. As a matter of fact we never gave the thing any thought before. But now that we know them apart we can see that we have often confused them. This explains why we may have failed to speak to people we saw on the street. We probably thought they were pianos.

* * *

The lesson which taught us differently was presented by a local broadcast station. It had a piano and a pianist. It started the artist first. He played along pretty well. Then said the announcer:

"Now, see if you can tell when the piano begins playing!"

We listened. Blamed if we could. The piano, according to the announcer, was playing all by itself, while the artist was polishing his nails, and flicking a bit of lint off his sleeve. After a bit he reached out and took the melody away from the piano and went on with it himself. It was marvelous.

* * *

He—the announcer—might have had us puzzled if it hadn't been for the piano. You can't jerk a melody out from under a good piano and get away with it. A piano has feelings. It resents being made a fool of. Here were hundreds of people listening and the announcer at the microphone had just asked folks to bet on which one was doing the playing—the man or the piano. No piano will stand that. Neither would this one.

* * *

The next time the piano got a crack at the melody, it began pedalling just like an artist. Now, nothing throws an artist out like copying his system of pedalling. The piano, having been raised in a musical atmosphere, knew this. So it pedalled away for dear life. The artist grew worried. We could

feel him glaring at the piano. Presently he grabbed the keyboard and finished the tune. But his pedalling was ruined.

* * *

"Could you tell when the piano stopped?" asked the announcer.

You bet we could. The piano must have chuckled away down among its felts, for, once an automatic piano makes up its mind to pedal, there is nothing like it. The pianist did his best, but his pedalling was no longer his own. He knew folks were saying: "See—he's just copying the piano." No artist likes to have people say the best he can do is copy a piano. He likes to be himself. And that was where the piano nailed him. By the time the test was over, we all knew the piano intimately, as it were. It was one of us. It had resented an insult.

* * *

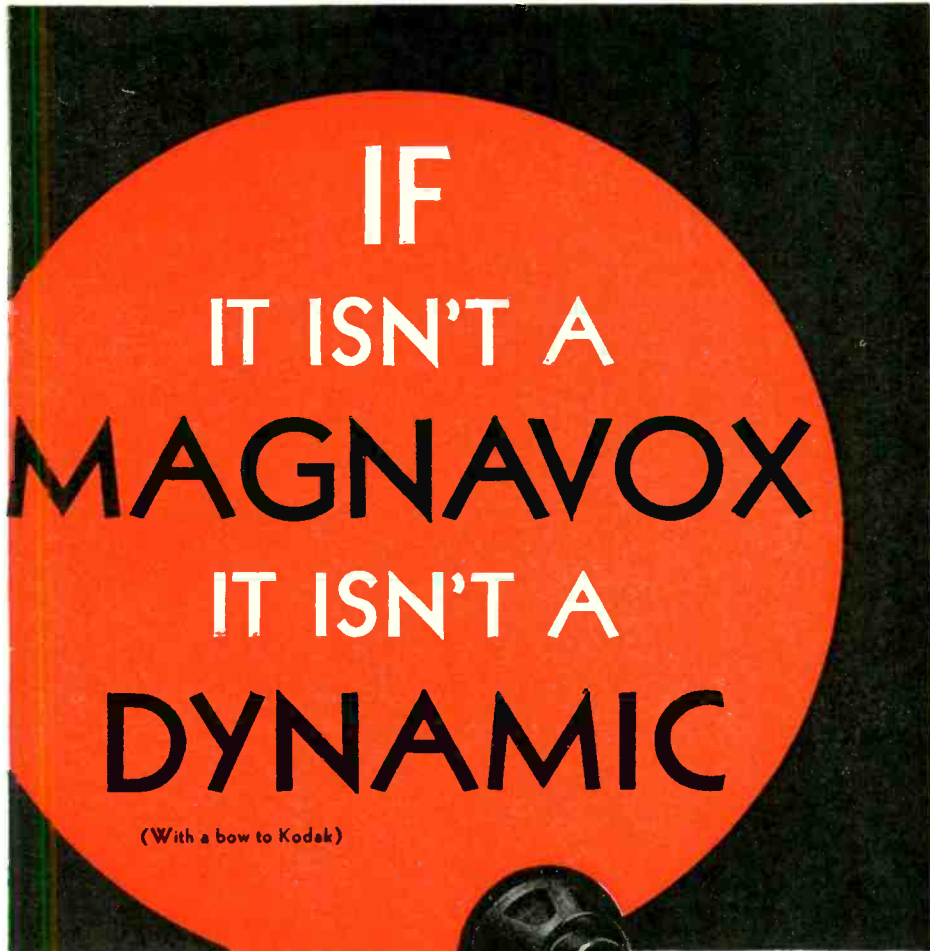
And that brings us back to the first statement, that radio is a great educator. When that test started out, we couldn't tell the piano from the man who played it. Face to face, we would have known the difference because we could have seen the keys. But over the radio, it was different. Yet, fifteen minutes of instruction, and we could never again be fooled. The next time we see a piano in a window we won't mistake it for Jones, or Smith, or Brown. And if we are not quite sure, we'll have it pedal a bit—and we've got it placed. That's one thing radio has done for us.

* * *

It's a bully good idea—this radio comparison thing. There ought to be more of it. We ought to be tested out to see if we could tell the difference between a soprano and a factory siren, or between a basso and the fog whistle on Mile Rock. We ought to have tests between crooners and abalones calling their young, to see if we could pick each. Or between xylophone players and dentists hammering cuspidis into a patient's face. And why not try us to see if we can tell the difference between a jazz orchestra and six men driving rivets at the shipyard?

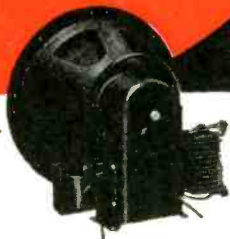
* * *

The idea is in its infancy, yet, but it has great possibilities. Another six months of these radio tests and we'll all be so smart we can help our children with their home work. And that, believe us, is something.



(With a bow to Kodak)

Only Magnavox can build and sell DYNAMIC Speakers; by authority of the United States Patent Office. \approx Only Magnavox customers and dealers can employ the selling force inherent in that word DYNAMIC. \approx Only Magnavox owners can enjoy true-to-life dynamic REALISM, and a lifetime guarantee—made possible by the new Magnavox X-Core construction.



Models 401, 403 and 405
12½" high, 12" wide,
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THE MAGNAVOX COMPANY

Factory and Pacific Sales:
OAKLAND, CALIF.

Factory and Sales East of the Rockies:
CHICAGO, ILL.

MICROPHONE GOSSIP



Listeners of KFRC and the Don Lee Chain were recently introduced to a violinist whose fame is expected to eventually circle the globe.

His name is Grisha Goluboff, and to date he has lived only seven years and three months. A tiny lad, with a sweet, sensitive face, blue eyes and golden curls, he plays concertos with the technique of a virtuoso.

"He is not only a musical prodigy," says Mischel Piastro, his teacher for the past year, "but is phenomenal in all respects. At private school he learns so fast it is a problem to keep him in new subjects. And not only does he memorize a concerto in a week, but he demands to know the 'reason for everything.'"

* * *

Art Fadden, popular radio star, is the newest member of K'TAB's staff of artists.

* * *

More than 5000 letters were received during December by the trio of speakers heard every morning excepting Saturday and Sunday by the audience of the NBC System "Woman's Magazine of the Air." The mail exceeds in volume that for all previous Decembers, indicating the sustained interest during the holiday season in radio broadcasting.

* * *

KFWI announces that the Lorelei Trio, the personnel of which includes Elisa Madsen, violinist; Rosemarion Breier, cellist; Dorothy C. Donohue, pianist; will be heard each Wednesday evening at 6 o'clock presenting a program of light classical selections.

* * *

Philco announces that during 1930 Leopold Stokowski and the great Philadelphia Symphony Orchestra will present a series of concerts for patrons of the CBS circuit. KHJ will release them for Southern California. The dates of the concert have not been announced. A Stokowski concert is generally considered the big plush plum in the radio orchard.

* * *

Philip Steinmann, violinist, and Theodore Salmon, concert pianist, will present a half-hour recital each Monday evening between 6 and 6:30 p. m. Mr. Steinmann has been heard in Bay District musical circles and with symphony groups many times in the past few years, and Mr. Salmon is interna-

tionally known for his very fine concert work on the piano.

* * *

Bob Palmer, who is the senior member of the harmony team known to all radio fans as Bob and Monte, has a romantic and interesting history as background to his microphone success.

Bob was once a military bandsman. As such he saw the worst days of the great German offensive against the Allied armies in April of 1918, and as such he snatched a rifle and fought in the victorious counter-attacks. During the drive he suffered a severe poisoning with mustard gas, and easily succumbed to tuberculosis.

After months in a hospital, with a gloomy and tragic future ahead of him, he took up singing. Two operations, fresh air and the pulmonary exercise of singing finally brought his health back.

His first microphone appearance, singing popular ballads, won him instant recognition and public approval as a singer of charm.

* * *

Evidently there are a few radio fans who are not familiar with those black-face comedians, Amos and Andy. An NBC telephone operator received a call the other night asking when "those negro comedians" would be on the air. He didn't know them by name.

* * *

Mash note sent to Jerry Kay, announcer at KFI, Los Angeles:

"Just an applause for the wonderful broadcast of your apple-eating. Can't you get Pryor Moore's orchestra to accompany you?"—J. L. Kramer, Colton, Calif.

It seems that during the KFI midnight frolic, Jerry munched an apple before the condenser microphones. To offset Mr. Kramer's enthusiasm, KFI technicians remarked that the apple-eating sounded like a cow pulling her feet out of the mud.

* * *

A tiny monkey, with a "way" about him that wins the affection of everyone, is the latest acquisition of KFRC and has been given the title of "mascot." George Gibson, well known along the San Francisco waterfront, wandered in with him one night during a Jamboree and in deference to the monk's wishes presented him to the station. "Chook-Chee" is his name—it means in English something like "hokum," or "bull," or "apple-sauce."

"Pedro" and "Mac" returned from making their first short "talkie" in Hollywood, on Monday, January 13, just in time for a Jam-boree.

"How was it? Did you like it yourself when you saw it?" And a thousand more questions greeted them.

"Well," says Mac, "I don't think they interfered with us enough while we were making it. However, the act was just about perfect, with a few slight defects. All we needed to make it ideal was Douglas Fairbanks for speed, Clara Bow to add a little sex appeal, a couple more good character men, and a rip-roaring mob scene."

Mac's story to the contrary, private advices have it that the act turned out a "wow."

* * *

"Let not the eye see what the ear heareth," is the modern version of an ancient parable given by Carl Haverlin, sales manager of KFI, Los Angeles.

Carl used to let commercial sponsors look into the studio during rehearsals of a program. Invariably the sponsor would glance at the orchestra and say:

"Gee! We need a few more trumpets, don't you think? Let's trade a few violins for 'em. And how about canning that organ, what?"

But since sponsors have been seated comfortably near a loud speaker out of sight of the studio, no such changes are suggested. The eye has not dictated to the ear. And the ear, as Haverlin comments, is the final and only judge of a radio program.

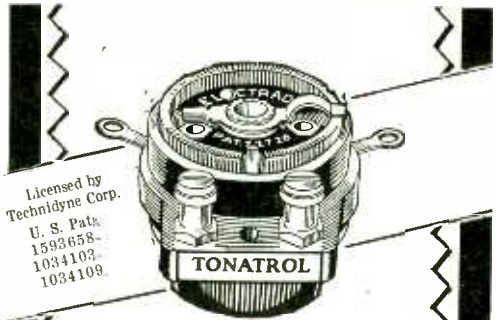
* * *

Radio sometimes develops stars instead of having to send for those already made. This was shown in a letter recently received by Naylor Rogers, manager of KNX, Hollywood.

"Just heard Dan Gridley in person, star soloist now with New York symphony, and it caused me to hark back to the time when he was a tenor with KNX." The letter was signed by Jack Campbell, former radio editor of Los Angeles and now Europe bound. Gridley got his start several years ago at KNX.

* * *

Lucille Gordon and William Wayne, who portray the parts of Mr. and Mrs. Oakley in the intimate skits of married life, heard each Monday and Friday at 7:00 p.m. over KFWI, are not married, contrary to belief, but they enact the parts like battle-scarred "old-timers" and get quite a kick, personally, out of the sketches.



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1593658-
1034103,
1034109.

TONATROL

Your
Radio Volume

Experienced radio constructors choose TONATROLS because of their unique wear resisting design, substantial construction and the wide selection of types available. There's a TONATROL Volume Control for practically every circuit—with or without filament switch—\$1.50 to \$3.00.

Super-TONATROL

For high-powered receivers. New type resistance element dissipates 5-watts. Amazing smoothness, through silver floating contact. Enclosed metal construction. 7 Types \$2.40 to \$3.50.

Western Representatives
UNIVERSAL AGENCIES
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San Francisco

ELECTRAD

INC.

ELECTRAD, INC., Dept. BW113,
175 Varick Street, New York.
Please send TONATROL and Super-
TONATROL Data.

Name _____

Address _____

PERSONAL PICKUPS

By GYPSY

J. S., Sacramento, Cal.—“Cecil and Sally” are known to their friends as John Patrick and Helen Troy. Address them at Station KPO in making your request for a picture. Broadcast Weekly published a likeness of “Cecil” in the October 20 issue and one of “Sally” in the January 12 number, in case this delightful team’s personal supply is exhausted.

* * *

J. N. G., Oakland, Cal.—Virginia Spencer (KYA) creates an impression of sensitive whimsicality and sweetness. She is in her early twenties, was born in Oakland and received her education in a convent. Her eyes are gray, her hair is a soft, dark brown, she weighs 125 pounds and is 5 feet 5 inches tall. Charmingly modest is Virginia; utterly unaware of the stir she has caused with her “When the Sun Goes Down” and “That Music Box Tune” and her versatility is the talk of the studio.

* * *

E. L. M., Marysville, Cal.—James Kendrick is 28 years old, 5 feet 9 inches tall, weighs 140 pounds, has light brown hair and blue eyes. Just as his pleasing “chuckle” has endeared him to listeners so has his cheerful, reliant imperturbability in emergencies, found appreciation with those who come in personal contact with him. No, Mrs. Harrison Holliday and Mrs. Norman Neilson are not sisters or relatives, although they shared the same maiden name. More next time.

* * *

Mr. L. F., Santa Barbara, Cal.—The original “Rounders” were Dudley Chambers, Dick Hartt, Arnold Gerard, Myron Niesley and Ben McLaughlin. Their accompanist was William Cowles, who by the way, has recently returned from Hollywood after fulfilling a series of picture engagements, to resume work at NBC.

* * *

John L., Stockton, Cal.—I do not know a more friendly, enthusiastic, likable person than Charles Hamp and his sincerity in trying to please is genuine. His salary is perhaps a bit sensational, but it is this writer’s opinion that he earns every dollar of it.

* * *

Mrs. A. J. N., Tonaset, Wash.—Robert Olsen does not mean to be “stingy” with his



songs, but it does seem that he practices a rather stern “leave ‘em, wanting more” psychology, doesn’t it? I am making every effort to find your “Enchanters Male Quartette.” Hope they may be located with the next issue.

* * *

Dolores, Seattle, Wash.—No, John and Ned are not brothers. John’s last name is Wolfe and Ned’s is Tollinger. It is Ned who impersonates “Little Mary” and John is master of the much-discussed German police dog. Poor John. He raked his brain to find a nice, respectable name like “Don” for his pet and worked arduously to make him a first-class one-man dog only to have his friends step in and christen the gentle big-pawed pup, “Watson” and later adding insult to injury by endeavoring to alienate his affection from his master.

* * *

P. H. C., Redwood City, Cal.—Norma Lee is a statuesque brunette whose tendencies and personality strongly suggest a Latin background, but she is an American from ‘way back and was born in San Luis Obispo. Her hobby is cooking, and fortunate indeed is the friend who is invited to partake of her Italian dinners. (No, she is not married.) You will find her schedule in the program section of this issue under KFWI.

* * *

R. H., Woodland, Cal.—Yes, my dear, your “Personal Pick-ups” correspondent is the contralto in the “original” team of Gypsy and Marta. Thank you for your very kind letter.

* * *

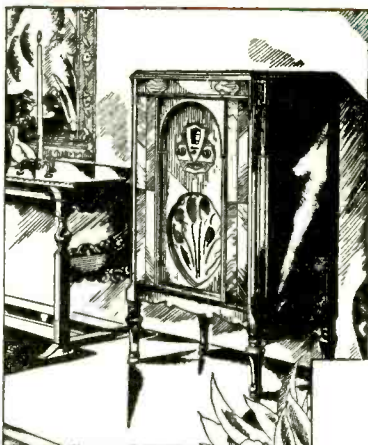
“Old Grad.,” Baker, Ore.—Yes, Wilt Guntendorfer is a former U. C. student. He graduated in ‘22, I think. Incidentally the members of his orchestra are practically all U. C. men. Perhaps you will recall George Liddle, Cy Collins, Bob Erb, Tony Maggio, Eddie Harness, Pete Jones or Frank Smith.

* * *

Rita Marie, Monterey, Calif.—Your guess is correct. The voice to which you refer belongs to Walter Kelsey (KFRC), who is as amiable and wholesome as he sounds. Dick Rickards has left Los Angeles for Seattle and is now heard from KVI. Your letter is interesting, helpful and gratifying. Many thanks.

ANY radio set

costs
too much
to buy
carelessly

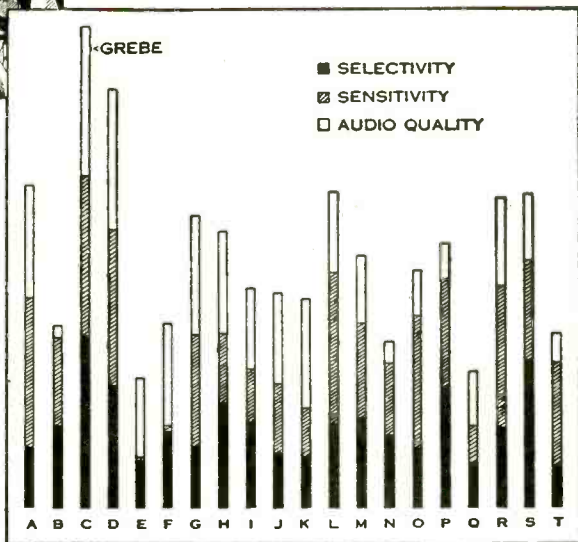


Model 21950—Attractive lowbor design. Price, with out tubes . . . \$223.50
Other models \$274 to \$465
Models available for both AC and DC current.

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

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

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



EXPLANATION OF CHART

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

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

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

Grebe radio

REGISTERED TRADEMARK

ROBERT WEINSTOCK INC.

WHOLESALE DISTRIBUTORS

643 Mission Street
San Francisco

Phone
DOuglas 2920

Just Listen!

to your favorite record

Super
Phonovox
\$15.25



PLAYED THIS WAY!

What realism! What quality! Your favorite record played with the Super Phonovox through your radio set holds you spellbound. There is a whole world of recorded entertainment available at its best, when you use the Pacent Super Phonovox with your radio.

Make your old phonograph perform like the costliest electric instrument. You can do it in five minutes by installing the Super Phonovox. New Phonotrol Adapter and instantaneous change-over switch make installation and operation simplicity itself. Hear the Super Phonovox at your dealer's today.

PACENT ELECTRIC CO., Inc., 91 Seventh Ave., New York
Pioneers in Radio and Electric Reproduction for over 20 years

Manufacturing licensee for Great Britain and Ireland:

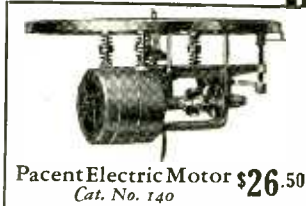
IGRANIC ELECTRIC CO., Ltd., Bedford, England

Licensee for Canada: White Radio Limited, Hamilton, Ont.

Representatives — J. P. Hermans, 585 Mission St., San Francisco
Marshank Sales Co., 224 E. 16th St., Los Angeles
D. H. Burcham, 383 Oak St., Portland, Ore.

SILENT, SURE POWER!

The Pacent Motor is specially designed for radio-phonograph use. Operates on 110 volts, 50 or 60 cycles A. C. Silent induction type. Entirely free from stray noise effects which ruin radio reproduction. Completely insulated against noise and vibration.



Pacent Electric Motor \$26.50
Cat. No. 140

PACENT Accessories

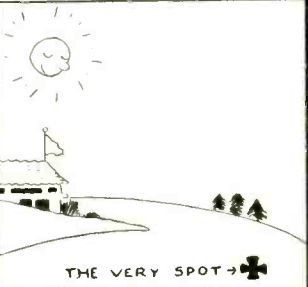
HUGH BARRETT DOBBS

SILENT SOUND SCREEN

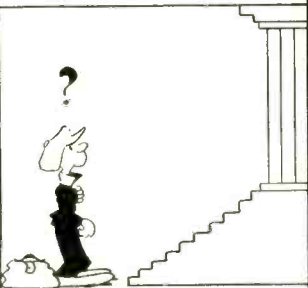
PERSONAL SHOTS OF THE GREAT-AND NEAR GREAT



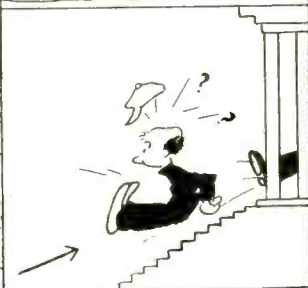
BORN IN BOWLING GREEN KENTUCKY



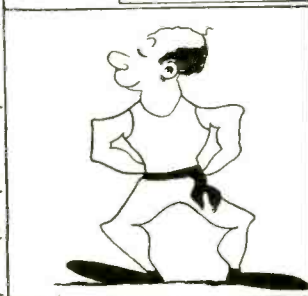
GOES TO ANZA POLIS



AND A STUDENTS PRANK RESULTED IN THIS



TRAINS TO BE A PHYSICAL DIRECTOR



SAILS FOR ALASKA AND WORKS AS A CAMP HUNTER IN 1905



SIX YEARS LATER MARRIES IN SEATTLE



STARTS HIS RADIO CAREER IN 1925 FROM KGO



AND NOW CONDUCTS SHELL HAPPY TIME OVER PACIFIC COAST STATIONS



“DOBBSIE” SIGNS NEW CONTRACT WITH SHELL

THE meteoric rise of Hugh Barrett Dobbs, “Dobbsie,” conductor of the Shell Happytime, from the Pacific Coast stations of the NBC network every morning from 8 to 9 o’clock, Pacific time, reads like a chapter from “Aladdin’s Wonderful Lamp.”

Four and a half years ago, Dobbs, an unknown and unheralded personality, walked into the studio of KPO and applied for an audition. The result was an immediate “clicking” and Dobbs began a broadcast known as the Health Exercises period.

Success was so outstanding that he evolved the idea of conducting mythical cruising to the ports of the weary, the shut-ins, the convalescents—carrying to them a shipload of happiness and gloom chasers.

His work attracted the attention of E. H. Sanders, an executive of the Shell Oil Company, and one of the West’s greatest visioners. He engaged Dobbs to broadcast for the Shell Company.

What he has accomplished with that program needs no especial mention.

He soon earned the recognition of his dialers as the West’s greatest radio personality—attesting to this fact over 1,000,000 letters—letters of sincerity—letters of wholehearted approval from the fans of radioland are available to prove his assertion.

The result has brought about Dobbs being signed by the Shell Oil Company to a three-year contract at a yearly figure far exceeding the salary of the President of the United States.

From now on Dobbs will devote his entire time to work of the Shell Company, the work which will net him over a quarter of a million dollars, and will give him the distinction of being the world’s highest paid radio personality.

And now for the man Dobbs on whom the eyes of the entire radio world are fo-

cused. He was born in Kentucky, in 1885. Throughout his boyhood life on his father’s plantation he learned from the negroes their secret of music. Hand him almost any instrument and “Dobbsie” will extract some kind of tune from it—his is a perfect ear and those wise in the art of music wonder at his ability.

From early childhood he has had a leaning toward good-natured, wholesome fun, a fact that caused his discharge from the U. S.

Naval Academy at Annapolis. But Dobbs’ youth soon reconciled him to the failure of his naval career—his bigness of vision and character would not allow him to be downed.

He entered Johns Hopkins Medical School at Baltimore and fitted himself to become an instructor of physical culture, leaving the naval glory of the family to his cousin, Richmond Pearson Hobson, hero of the Merrimac sinking in Santiago Harbor during the Spanish-American War. His father, then a Congressman from the State of Kentucky, aided him by sending him on a world tour.

After his return Dobbs traveled around the country as a teacher of physical training and during that time hit upon the idea of the outdoor playground for children, which has since become a national institution. After building several playgrounds in New York City, Judge Ben Lindsay sent for him and he supervised the building of Denver’s playgrounds, and then Seattle’s.

Imbued with an adventurous spirit, he went to Alaska in 1905 and became associated with the United States Government Survey and aided in plotting the boundary line between Canada and Alaska. Later he became engaged in the commercial side of motion pictures, coming to San Francisco in 1924, and after tiring of selling musical instruments became identified with radio.



Hugh Barrett Dobbs accepting his new contract with the Shell Oil Company from Mr. E. H. Sanders, Advertising and Sales Promotion Manager of Shell.

Announcing a NEW

SPARTON

*"Radio's
Richest
Voice"*



NEW model 589

\$169.85

COMPLETE

including **10** tubes,
dynamic speaker, and
all the very latest
SPARTON FEATURES



THINK of it! A genuine SPARTON for only \$169.85, and with TEN (10) tubes. A brand new model just out. The very latest improvements, a beautiful new cabinet, and SPARTON'S deep, life-like TONE and incomparable FACE-TO-FACE REALISM—all for \$169.85. There is a SPARTON Dealer near you. See and hear this marvelous new SPARTON today.

H. R. CURTISS CO.—Distributor

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OAKLAND :: :: 311 Tenth Street

DEALERS ATTENTION!

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Parts
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**Freed-Eisemann Receivers
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All models, both current
and discontinued

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—**—

PACIFIC WHOLESALE RADIO, Inc.

Seventh and Folsom Streets, San Francisco

RADIO TUBE BIGGEST HUMAN ASSET

THE radio tube—the little lamp that glows, with its fellows, in the modern radio set, is destined, according to engineers, to play the biggest part in life of any single thing so far developed in human affairs. Yet a survey of the uses to which it has already been put will astonish the average radio listener, because he is inclined to regard the tube as merely a portion of his set.

The electron tube—and this is the official name of the radio lamp, has a wide number of uses—uses that are daily growing and expanding in extent like a ripple on a giant pool. In the direct radio field we can name many of them—the fields of radio communication, broadcasting, telephony, telegraphy claiming them as essential. As oscillators and amplifiers in the ordinary set they are common. But this is far from all of their uses.

Coupled with their close associates, the photo-electric cells, the electron tubes make the talking movies. In purely audio fields they comprise the heart of the huge public address systems that bring voices and music to thousands in auditoriums, out of doors and in scores of public gathering places. On the long distance telephone lines, and the trans-Atlantic telephone radio telephone service, the tubes step up the faint voice signals to enormous extent, making a whisper in San Francisco audible enough to fill an auditorium in London.

In the field of wired-wireless—the application of radio impulses to telephone and house lighting wires, so that broadcasts and conversation may be received without radio apparatus in the homes, the tubes are integral necessities. Elevators are now levelled by the tubes with special circuits. Industrial operations are controlled by them. Chemical processes which require a constant flow of some substance, can be handled to a nicety with the tubes. Railroad block signals, and street traffic signals are worked by them. Crossing signals, thrown by approaching automobiles themselves, have electron tubes for their central motivating control. Factory products are counted, foods classified, and products selected by their means.

In metering, or the measurement of fine temperatures and a thousand similar processes, electronic tubes are being used as accurate controls and determiners. Delicate problems, too fine for other known instruments, yield to the electronic tube's precision measurements. The speed of light, the passage of time, and the pulse of human life, all

are measured by the tubes with uncanny accuracy.

Medicine, surgery, astronomy, research work in biological and electro-chemical fields, all are being cross-sectioned by the little tubes that glow in unexpected places. In geophysics the tubes play an important part in locating oil and mineral deposits, in metallurgy, and even in the electric induction furnace, reactions are studied and tabulated by them.

The police are using them to curb crime. Burglar alarm companies are guarding vaults with them, in specially constructed "eyes" which notify police headquarters when a thief even passes in front of them. And now has come a machine which registers, through tube action, the amount of perspiration in the hand of a criminal suspect, thereby operating as a "lie detector" for official use.

In the aviation field, the tube is almost indispensable. The aviator, in fogs and darkness, is guided by them. On his dashboard, a vibrating reed, controlled by the electron tube, warns him when he is off course. Tube altimeters show him his height above ground, and when he lands, a tube turns on the light for him at the call of his siren, and turns the airport into a blaze of illumination. Lost in a storm, an aviator may now find his way to safety with only the little glowing tube to pilot him home—the triumph of all direction finding, ancient or modern.

Watch the little tube in your radio set. Within its little glass overcoat lies much of the prophecy of the future.

WANTS OWN WAVE

Station WMAK, at Martinsville, N. J., has gone into court to prevent the Federal Radio Commission from giving away its time on the air to another company.

The station operates half-time on 900 kilocycles. Its license expires January 31. The commission has granted the Buffalo Evening Express full time on WMAK's wave and has made no provision for WMAK on any other channel.

WMAK has therefore petitioned the court of appeals of the District of Columbia for a restraining order, directed against the commission to prevent this new arrangement being carried out.

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

By MADONNA M. TODD

Putting a few left-over moments to pleasant use, we had a day in the studio this week while Bennie Walker, Ann Holden and Helen Webster were broadcasting the NBC System's morning program, "The Woman's Magazine of the Air."

It's been quite a while since we found time to "sit in," though it always is fun.

Enie, Menie, Minie and Mo, the quartet of canaries, were singing merrily when we opened the studio door very quietly and slipped in—so you on the outside wouldn't hear us.

There's competition these days among the artists over the bright little birds, one discovers. Myron Niesley insists that Mo wins the beauty prize and Harry Stanton votes for Menie, while the M. J. B. Chef would give Enie all the glory.

"He's the most adorable bird I've seen," the chef insists. Unrestrained, he would be whistling to Enie and upsetting the whole broadcast.

Bennie, at the microphone, was presenting the Chef. He always provides a laugh and some sound information as well. This week he told an interesting story of the discovery of coffee.

The beverage is more than 1000 years old, he explained, and then informed us that coffee really isn't a bean as we've always designated it, but a berry which grows on a stumpy bush.

"Herdsman in the Abyssinian hills discovered the berry could be roasted and brewed to provide a refreshing drink," the Chef revealed. "And the herdsman? Well, they were attracted to the berries by their flocks which became 'joyful' after they had eaten of the mysterious fruit. Curiosity prompted the herdsman's experiment which has meant steaming cups of delicious coffee through all the ensuing generations."

The Chef told, too, about coffee in England, where more than 2000 coffee houses flourished a half-century before the American Revolution. Even old Sam Johnson drank quantities of the coffee with his famed steak and kidney pie.

In the orient, coffee became so much a part of the social regime that legislation prevented its use in some instances. It still has a part in some religious ceremonies.



M. J. B. CHEF

Ann Holden came to the microphone offering some tempting recipes in which she said to use Alpine milk. She corrected our idea that only fresh cream should be employed for certain things.

During the Kraft Feature, Ann described some tempting cheese balls. They are appetizers, she explained, and we went right home and made some. Ann was right; they were grand—the only trouble is, we'll have to make them from now on to keep everybody happy.

Just one more "inside" secret before we call it a day.

Enie, Menie, Minie and Mo were singing brilliantly—too brilliantly, Bennie decided. He tiptoed to the microphone and carried Mo's gay crimson cage to the piano.

"Now you won't keep the folk from hearing what Ann says," Bennie admonished the warbler. But alas—another microphone rested upon the piano and Mo enjoyed an even greater vantage point.

"Ho-hum," grinned Bennie. Everyone in the studio laughed and Bennie blushed.

"Here," said he, thrusting forward a gay pink letter. "Maybe you can answer that."

Bennie wanted us to forget the joke on him. The letter, however, had a question which probably has occurred to many WMA listeners. The writer asked how anybody possibly could arrange the Magazine program to end exactly on the hour "every single time."

That, dear reader, is part of the program builder's business. He knows exactly how long it takes to sing "Asleep in the Deep" or any other song; how many words Ann or Helen can speak in their allotted time and the number of seconds it takes Mr. Hornik's Melodists to present a given number. Bennie knows how many comments he has time to make—so always everything comes out even.

Bennie, as editor, watches carefully the especially arranged clock and if, by any chance, he fears the program will run a few seconds over the hour, he signals to Joe Hornik and the closing musical selection is "cut" to fit. This happens rarely because of the program builder's knowledge. Even as little as five seconds makes a difference when the entire chain is hooked up.



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Now you can leave your radio playing when you go to bed. This magic sentinel turns it off silently, automatically after you're asleep. Eliminates all shut-off worries. Saves light bills, batteries, tubes from useless wear—quickly pays for itself.

Install Radio Owl in a second—simply plug into light socket. New improved construction throughout. Practically indestructible. Will outlast your radio—nothing to get out of order. Operates on any make radio, battery or A.C.

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Finished in two colors, bronze and antique bronze, this dependable sentinel is an attractive ornament in the home.

Your nearest dealer has the new improved Radio Owl. See it TODAY. If he is out of stock, send check for \$5.00. We ship post-paid.

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SUNDAY Programs

NBC

National Broadcasting Company

- 12 noon to 1 p.m.—National Youth Conference
 Senator Arthur Capper of Kansas will address the radio meeting of the National Youth Conference today. "Confidence in Modern Youth" will be Senator Capper's subject. His talk will be heard following musical numbers by a mixed quartet composed of Muriel Wilson, soprano; Helen Jacobs, contralto; Richard Maxwell, tenor, and Earle Waldo, basso, and an orchestra under George Shackle's direction.
 Broadcast through KGO, KHQ, KOMO (12:15 to 1 p.m.) and KGW.
- 1 to 2 p.m.—Dr. S. Parks Cadman
 "Man's Love for His Maker" is the topic upon which Dr. S. Parkes Cadman will speak. Besides Dr. Cadman's sermon and his answers to questions submitted by auditors, the nation-wide congregation will hear a musical program by the Oratorio Choristers under the direction of George Dilwoth.
 Broadcast through KGO, KHQ, KOMO and KGW (1:30 to 2 p.m.).
- 2 to 2:30 p.m.—Western Artist Series
 Elsa Behlow Trautner, coloratura soprano, and Olga Attl, harpist, are the soloists on the Western Artist Series Concert.
 Broadcast through KGO and KOMO.
- 2:30 to 3:30 p.m.—Sunday Concert
 Barbara Blanchard's three soprano solos on the NBC System Sunday Concert from 2:30 to 3:30 o'clock today are of a classical mood and reflect the character of the orchestral numbers billed.
 Broadcast through KGO, KHQ (2:30 to 3 p.m.), KOMO and KPO.
- 3:30 to 4:30 p.m.—Musical Musketeers, KGO and KPO.
- 4:30 to 5 p.m.—Duo Disc program
 Relinquishing the baton four times in favor of an instrumental duo and the vocal offerings of Ned Tollinger and John Wolf, Max Dolin with his salon orchestra will offer but five selections during the Duo Disc program.
 Broadcast through KGO, KHQ, KOMO, KGW and KEKA.
- 5 to 5:15 p.m.—Enna Jettick Melodies
 Mary Merker, soprano; Mary Hopple, contralto; Steele Jamison, tenor, and Leon Salathiel, bass, are the artists to be heard presenting this program, which has George Dilworth for director.
 Broadcast through KHQ, KOMO, KGW, KPO and KFI.
- 5 to 6 p.m.—Gems of the Drama
 "Big Ben Strikes Two," second of the "Tales in a California Garden" series of radio dramas by Charles Keeler, poet and world wanderer, will be presented by the National Players over KGO.
- 5:15 to 6:15 p.m.—Collier's Radio Hour
 Introducing Raymond Lee Ditmars, curator of the Bronx Zoological Gardens at New York, as guest speaker, Collier's Radio Hour will be broadcast through the NBC System tonight. Ditmars, a well-known authority on reptiles, became associated with the New York Zoological Park as curator of reptiles in July, 1899. He was placed in charge of the department of mammals in 1910. He has written a number of books on the subject of reptiles.

Dramatized stories and musical interludes will complete the program.

- Broadcast through KHQ, KOMO, KGW, KPO and KFI.
- 6:15 to 7:15 p.m.—Atwater Kent Hour
 Albert Spalding, American violinist of international renown, will be heard in the Atwater Kent Hour.
 Spalding is considered one of the world's great violinists today. Although he is an acknowledged interpreter of classic works, he has become identified with much new and unfamiliar music of the modern schools. Because of his interest in these newer compositions, Spalding's programs are always novel.
 Broadcast through KHQ, KOMO, KGW, KPO and KFI.
- 6:15 to 6:45 p.m.—Songs Without Words, KGO.
 6:45 to 7:15 p.m.—Stanislas Bem's Little Symphony, KGO.
- 7:15 to 7:45 p.m.—Studebaker Champions
 Jean Goldkette and his Studebaker Champions promise to play a popular program of "theme" songs and dance hits when they entertain the NBC coast-to-coast system audience tonight.
 Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 7:45 to 8:15 p.m.—Sunday at Seth Parker's
 Assembled in the cozy parlor of the Parker home at Jonesport, Maine, a group of neighbors will participate in an informal, old-fashioned service as the weekly Sunday at Seth Parker's program is broadcast over KGO.
- 8:15 to 9 p.m.—The Pilgrims, KGO.
- 9 to 9:30 p.m.—Borden Program
 Throughout the entire program, which is of a popular nature, the band will be assisted by a male quartet and Barbara Blanchard, soprano. Toward the conclusion of the half hour's entertainment the entire ensemble will offer a selection from "Scandals of 1923."
 Broadcast through KGO, KHQ, KOMO, KGW, KFI, KSI, and KOA.
- 9:30 to 10 p.m.—The Reader's Guide, KGO, KOMO and KOA.
- 10 to 11 p.m.—Gay Classics
 Gay Classics provide both the title and the substance of the program of instrumental and vocal music which Max Dolin's concert orchestra and Grace Le Page, soprano, will offer.
 Broadcast through KGO, KOMO, KEKA and KOA.

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

- 5 to 7 a.m.—The Early Bird
 7 to 8 a.m.—Recordings
 8 to 8:30 a.m.—Family Circle Hour
 8:30 to 9 a.m.—Kiddie Comics
 9 to 10 a.m.—Old time music
 10 to 11 a.m.—Angeles Abbey organ recital
 11 to 12:30 p.m.—St. Luke's Episcopal Church
 12:30 to 1 p.m.—Musical program
 1 to 2 p.m.—Novelty Trio
 2 to 2:30 p.m.—Memory Hour
 2:30 to 3 p.m.—Kaai Hawaiian Trio
 3 to 3:30 p.m.—Punch and Judy
 3:30 to 4 p.m.—Long Beach Municipal Band
 4 to 5 p.m.—Organ recital
 5 to 6 p.m.—Hollywood Girls
 6 to 6:30 p.m.—"Em and Clem"
 6:30 to 6:45 p.m.—Zadah Stoker and her kiddies
 6:45 to 7 p.m.—Weekly song story
 7 to 8 p.m.—Imperial concert orchestra
 8 to 9 p.m.—Services from First Church of Christ, Scientist
 9 to 12 midnight—Variety program
 12 to 3 a.m.—The Knight Fox

SUNDAY Programs

491.5 Meters Channel 61
610 Kcys. KFRC 1000 Watts

- Don Lee, Inc., San Francisco, Calif.
 9 to 12 noon—"Home Sweet Home" concert, DLBS
 12 to 1 p.m.—Sherman and Clay concert
 1 to 2 p.m.—Jean and her shadows, DLBS
 2 to 2:30 p.m.—McKesson and Robbins, CBS
 2:30 to 3 p.m.—Recordings
 3 to 4 p.m.—Classical concert featuring Frank Moss, pianist, assisted by Herman Reinberg, cellist; Harold Dana, baritone; DLBS
 4 to 4:30 p.m.—Our Romantic Ancestors, CBS
 4:30 to 5 p.m.—Talk by Dr. Louis I. Newman
 5 to 5:30 p.m.—Tea Time music; Lucille Harger, contralto; Marjorie Coletti, with violins and harp, and pianist; DLBS
 5:30 to 6 p.m.—Art Kahn and his Sonatrons, CBS
 6 to 7 p.m.—Majestic Theater of the Air, CBS
 7 to 7:30 p.m.—Jesse Crawford, organist, CBS
 7:30 to 8:30 p.m.—Charles Bulotti, tenor; Juanita Tenynson, soprano, and KFRC Concert Orchestra, directed by Meredith Willson
 8:30 to 9 p.m.—Robert Olsen and Harold Dana Melody Hour
 9 to 10 p.m.—Val Valente's orchestra; Frederick Brown, soloist
 10 to 11 p.m.—Val Valente's orchestra; Gypsy and Marta, soloists; DLBS
 11 to 12 midnight—Herb Meyerinck's Mandarin Band

265.3 Meters Channel 113
1130 Kcys. KSL 5000 Watts

- Radio Service Corp., Salt Lake City, Utah
 5 p.m.—"Enna Jettick Melodies," NBC
 5:15 p.m.—Collier's Hour, NBC
 6:15 p.m.—Atwater Kent Hour, NBC
 7 p.m.—First Presbyterian Church services
 7:30 p.m.—Mons. Hunt, Roman Catholic discourse
 8 p.m.—Church services from the studio
 8:30 p.m.—"Television" concert
 9 p.m.—Borden's Concert Hour, NBC
 9:30 p.m.—Utah Hour
 10:30 to 12 midnight—Request Hour

309.1 Meters Channel 97
970 Kcys. KOMO 1000 Watts

- Fisher's Blend Station, Inc., Seattle, Wash.
 9 a.m.—Organ recital by Betty Shilton
 10 a.m.—International Bible Students' Assoc.
 11 a.m.—Lucile Johnson, pianist G. Donald Gray, baritone
 11:15 a.m.—Plymouth Congregational Church
 12:15 p.m.—Mixed vocal quartet
 1 p.m.—Dr. S. Cadman Cathedral Hour, NBC
 2 p.m.—Western Artists Series, NBC
 2:30 p.m.—Sunday concert, NBC
 3:30 p.m.—Artistic Ensemble with Agnes Skartvedt and Perdin Korsmo
 4:30 p.m.—Duo Disc program, NBC
 5 p.m.—Enna Jettick Melodies, NBC
 5:15 p.m.—Collier's Hour, NBC
 6:15 p.m.—Atwater Kent program, NBC
 7:15 p.m.—Studebaker Champions, NBC
 7:45 p.m.—Perdin Korsmo and G. Donald Gray, vocal duets and solos
 8 p.m.—First Church of Christ, Scientist
 9 p.m.—Borden Milk program, NBC
 9:30 p.m.—Reader's Guide, NBC
 10 to 11 p.m.—Gay Classics, NBC

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

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

483.6 Meters Channel 62
620 Kcys. KGW 1000 Watts

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

333.1 Meters Channel 90
900 Kcys. KHJ 1000 Watts

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

SUNDAY Programs

535.4 Meters **KTAB** 1000 Watts
560 Kcys. Channel 56

Pickwick Broadcasting Co., Oakland, Calif.
9 to 10 a.m.—Dr. Corley
10 to 11 a.m.—Bible class
11 to 12:30 p.m.—Church services
12:30 to 1 p.m.—Chapel of Chimes
1 to 1:30 p.m.—Church of Latter Day Saints
1:30 to 2:30 p.m.—Masters Album
2:30 to 3 p.m.—Joan Ray, contralto; Janes S. Sands, pianist, in joint recital
3 to 3:30 p.m.—Organ Echoes with Alice Blue
3:30 to 4 p.m.—Emmet Dorman in violin recital; Alice Blue, pianist
4 to 5 p.m.—Musical Appreciation Hour
5 to 6 p.m.—Chapel of Chimes
6 to 6:30 p.m.—Art Fadden, pianist
6:30 to 7 p.m.—Tindall lecture
7 to 7:30 p.m.—Mae Thompson, soprano; Alice Blue, pianist
7:30 to 9:30 p.m.—Church services from Tenth Avenue Baptist Church
9:30 to 10 p.m.—Brunswick Hour
10 to 11 p.m.—Silver Slipper Hour with Joe Wright's orchestra

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

Warner Brothers, Hollywood, California
8:30 to 9 a.m.—The Funny Paper Man
9 to 10 a.m.—Courtesy program
10 to 1:30 p.m.—Late recordings
1:30 to 2:30 p.m.—Courtesy program
6:30 to 7 p.m.—Harry Jackson's entertainers
7 to 7:30 p.m.—Hollywood Athletic Club orchestra
7:30 to 8 p.m.—Burr McIntosh, "Philosopher"
8 to 9 p.m.—Leo Forbstein and his Vitaphone Orchestra; First National stars and players in person
9 to 10 p.m.—Dance orchestra with Ann Grey and Buster Dees, soloists

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

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

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

Pacific Broadcasting Corp., San Francisco
9 to 12 noon—Recorded program
12 to 1:15 p.m.—Old St. Mary's Church services
1:15 to 7 p.m.—Recordings
7 to 8 p.m.—Pacific Artists' Trio, with Nona Campbell, soloist
8 to 9 p.m.—Services from Old St. Mary's Church
9 to 10 p.m.—Pacific Artists' Trio with Nellie Wren
10 to 11 p.m.—Dance recordings
11 to 1 a.m.—Request recordings

209.7 Meters **KECA** Channel 143
1430 Kcys. 1000 Watts

Earle C. Anthony, Inc., Los Angeles, Calif.
3:30 p.m.—Lola, Angel of the Air
4:30 p.m.—Duo Disc program, NBC
5:30 p.m.—Noreen Gammill, monologue
6 p.m.—Fassett Hawaiian Trio
7 p.m.—Margaret Ruth Kernan, soprano, popular ballads

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

First Baptist Church, San Jose, Calif.
10:15 to 11 a.m.—Sunday School lesson by Fred J. Hart
11 to 12:30 p.m.—Morning services, First Baptist Church, conducted by Rev. Paul H. Ralstin
7:30 to 9 p.m.—Evening services, First Baptist Church

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

Northwest Radio Serv. Co., Spokane, Wash.
10 a.m.—Morning Revellers
11 a.m.—Organ concert
12 noon—Singing Strings
1 p.m.—Dance program
2 p.m.—Masterworks Hour
3 p.m.—Matinee Moderne
4 p.m.—Musical Gems
5 p.m.—Old Favorites
6 p.m.—Broadway Trio; Agatha Turley, soprano; Jean Kantner, baritone; Ellen Reep, contralto; Sidney Dixon, tenor
7 p.m.—Miller's Hometowners' Orchestra
8 p.m.—KGA Concert Orchestra
9 p.m.—Los Gauchos Argentines; Elmore Vincent, tenor; Zac Kalbach, saxophone
10 p.m.—Studio program
10:30 p.m.—Request program

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

Puget Sound Broadcast. Co., Tacoma, Wash.
9 to 9:30 a.m.—Recordings
9:30 to 10:30 a.m.—Reading the funny paper
10:30 to 11 a.m.—The Aztecs, CBS
11 to 12 noon—Ballad Hour, CBS
12 to 1 p.m.—Symphonic Hour, CBS
1 to 2 p.m.—Cathedral Hour, CBS
2 to 2:30 p.m.—News Reel of the Air, CBS
2:30 to 3 p.m.—Studio program
3 to 4 p.m.—The Srenaders; Monique Thomas, director
4 to 4:30 p.m.—Our Romantic Ancestors, CBS
4:30 to 4:45 p.m.—French Trio, CBS
4:45 to 5 p.m.—The World's Business CBS
9 to 11 p.m.—Val Valente's orchestra, DLBS
11 to 12 midnight—Herb Meyerinck's orchestra, DLBS

SUNDAY Programs

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**
 Copyright, 1930, E. C. Anthony, Inc., L. A.
 10 a.m.—L. A. Church Federation program
 2 p.m.—Salvation Army Band
 4 p.m.—Genevieve Behrend, "Science of Life"
 4:15 p.m.—Margaret Ruth Kernan
 4:30 p.m.—Leila Castberg, "Advanced Thought"
 5 p.m.—Enna Jettick Melodies, NBC
 5:15 p.m.—Collier Hour, NBC
 6:15 p.m.—Atwater Kent program, NBC
 7:15 p.m.—Studebaker Champions, NBC
 9 p.m.—Borden Milk program, NBC
 9:30 p.m.—Purcell Mayer, violin recital
 10 p.m.—Wally Perrin's Packard dance orchestra

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

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

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

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

218.8 Meters **KIT** **Channel 137**
1370 Kcys **50 Watts**
 Valley Broadcasters, Inc., Yakima, Wash.
 10:30 a.m.—Organ program
 11 a.m.—Community Church, Rev. Loken, pastor
 12:15 p.m.—All request program
 2:30 p.m.—Program of the Full Gospel Church.
 Girls' quartet, choir of forty mixed voices,
 seven-piece orchestra and vocalists

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

8:30 to 9 a.m.—Recordings
 9 to 9:30 a.m.—Esrey program
 9:30 to 10 a.m.—U. S. Popular Half Hour
 10 to 10:30 a.m.—Sunshine Half Hour
 11 to 11:30 a.m.—Selix program
 11:30 to 12 noon—Salon Orchestra
 12 to 12:30 p.m.—Les Poe
 12:30 to 1 p.m.—U. S. Popular Hour
 1 to 1:30 p.m.—Mission Melodies
 1:30 to 2 p.m.—Record program
 2 to 2:30 p.m.—Chas. Warriner, baritone
 2:30 to 3 p.m.—California program
 3 to 3:30 p.m.—Mabel Payne, soprano
 3:30 to 4 p.m.—Variety record program
 4 to 4:30 p.m.—Saphire program
 4:30 to 5:15 p.m.—Records

220.4 Meters **KGER** **Channel 136**
1360 Kcys. **100 Watts**
 C. M. Dobyms, Long Beach, Calif.

8:30 a.m.—Comrades of the Air
 9:30 a.m.—Taubman Men's Bible Class
 11:15 a.m.—First Presbyterian Church
 12:30 p.m.—Novelty programs
 2:30 p.m.—Long Beach Band
 4 p.m.—Cathedral Hour
 5 p.m.—Frank Waller Allen
 5:20 p.m.—Varied musical programs
 9 p.m.—Reverie Hour
 10 p.m.—Sunday night frolic to midnight

NEW TUBE CONCERN IS FORMED

THE beginning of this year saw a new concern functioning in the radio tube field—the R. C. A., Radiotron Company, Inc., which combines engineering, manufacturing and selling activities of the Radio Corporation of America, the Westinghouse Electric and Manufacturing Company and the General Electric Company. The president of the new company is T. W. Frech, former vice-president of the General Electric Company.

As a result of this new combination, the Radio Corporation becomes the holding company of the following companies: RCA Radiotron Company, RCA Victor Corporation, Radio Marine Corporation, RCA Photophone, and the Radio-Victor Corporation, a sales organization, as well as the National Broadcasting Company. It also wholly owns the Radio Marine Corporation.

In addition the Radio - Keith - Orpheum Corporation and affiliated companies are associated with the Radio Corporation, which also has a training school for operators and a real estate division.

Isn't this the sort of milk you want your children to have?

For such an important food as milk, absolute cleanliness is vital. Naturally, the process of guarding your milk starts with the cows themselves. Golden State herds are health-tested—regularly, repeatedly. We go further—the diet of each cow is scientifically balanced according to the season of the year, in order to *maintain* her health, and increase the richness of her product. And immediately after milking—a matter of seconds, not minutes—the milk is thoroughly chilled; then shipped direct to our nearest plant, pasteurized, and chilled again.

Finally, into sterilized bottles—with all its purity safeguarded—Golden State fresh milk is packed on ice, and delivered to your door actually fresher, purer, *safer* than if you milked the cow yourself. Isn't this the sort of milk you want to build your family's health?

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call your local Golden State plant*

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Oxnard.....Oxnard 11
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Burbank.....{ Kenwood 171
Glendale.....{ Douglas 421
Pasadena.....Terrace 6670
Los Angeles...WEstmore 9331
San Pedro.....San Pedro 194
El Monte.....El Monte 401
Riverside.....Riverside 2400
Santa Monica...Santa Monica 24599

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Richmond.....Richmond 1938

PARKSIDE DAIRY
Fresno.....3-5174

BLAKE'S DAIRY
Sacramento.....Main 6418

STOCKTON MILK COMPANY
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THE HOME DAIRY
Palo Alto.....Palo Alto 6116

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Long Beach.....Long Beach 33961

Golden State

MILK PRODUCTS COMPANY

MONDAY Programs

NBC

National Broadcasting Company

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

The Department of Agriculture's national outlook report will be heard when a special National Farm and Home Hour program is released through KGO, KHQ, KOMO, KGW and KFI.

10:45 to 11:30 a.m.—Woman's Magazine of the Air

The pleasantly informal atmosphere of an all-request program will prevail during today's broadcast. With Bennie Walker, editor, in the role of broadcast conductor, as many as possible of the requested vocal and instrumental selections will be presented.

John D. Barry, columnist and critic, closes the Magazine with another discussion of correct use of the English language.

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

1:30 to 2:30 p.m.—Pacific Vagabonds

Those to be heard in vocal selections will be Jack Deane, tenor, and the Pepper Maids. "Can't You Understand?" and "Web of Love" are to be Deane's offerings, with the Pepper Maids scheduled to do "I'm Gonna Lose My Worry" and "Sweet Nothings of Love." "Swanee Shuffle" and "Breakaway" are but two of 12 popular numbers to be played by the orchestra under Walter Beban's direction.

Broadcast through KGO and KGW.

2:30 to 3 p.m.—Pacific Coast School of the Air

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

3 to 3:30 p.m.—Mormon Tabernacle Choir and Organ

Beginning with Thurlow Lieurance's "My Love is a Lark," the Mormon Tabernacle Choir will be heard together with Frank W. Asper, organist, in a broadcast from Salt Lake City through KGO, KOMO, KGW and KPO.

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

4:45 to 5 p.m.—Back of the News in Washington
A 15-minute talk on events of current interest will be given through the NBC System today.

Broadcast through KGO and KGW.

6 to 6:30 p.m.—Edison program

One of the world's wealthiest men, Andrew Mellon, Secretary of the Treasury, has prepared a list of his favorite music selections, which will be played during the Edison program. Frank Black will direct an orchestra and the Edisonsters in the presentation of this offering.

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

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

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

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

Alexander Leventon, violinist, has been selected as the soloist for the Rochester Civic Orchestra's 30-minute Stromberg-Carlson program.

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

7:30 to 8 p.m.—Empire Builders

Aircraft maneuvers of the Arctic Patrol of the Army Air Corps taking place over a 1750-mile battlefront from Self-Ridge Field, Mount

Clemens, Michigan, to Spokane, Washington, will be given in dramatic form. Harvey Hays, the "Old Pioneer," and Bob MacGimsey, harmony whistler, are among those to be heard.

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

8 to 8:30 p.m.—"Out of the West"

"Hearts and Furnishings," fourth in a series of John H. Hamlin stories to be dramatized for radio production, will be presented over KGO.

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

Rudy Seiger's Shell Symphonists will be heard in a concert of musical favorites. The instrumentalists, playing under Seiger's baton, will interpret a variety of selections ranging from the classic to the semi-popular during the program, which will be released through KPO and KFI for the full hour and through KHQ, KOMO and KGW from 8 to 8:30 o'clock.

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

8:45 to 9 p.m.—Ole and the Girls

Dick Le Grand is the author of this serial dramalogue and also portrays the character of Ole. Imelda Montagne and Marjorie Primley have the roles of the Apple sisters, which allows them ample opportunity to display their vocal talents as well as their ability to handle dialogue.

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

9 to 9:30 p.m.—Voice of Firestone

Myron Niesley's four tenor solos on the "Voice of Firestone" NBC System program tonight will be sung to the accompaniment of a full concert orchestra of 32 pieces under the direction of Max Dolin.

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

9:30 to 10 p.m.—The Cigar Band

Devoted entirely to recent popular melodies, a program will be offered by "The Cigar Band." With Walter Beban as conductor and Clarence Hayes as vocal soloist, the band will present special arrangements of "Share Your Lips With Me, Cherie," "Dream Lover," a waltz, and "That Wonderful Something" among other numbers.

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

10 to 10:30 p.m.—Thru My Fireplace

"Everyman" seated before the fireplace in his home is typified by the Reconteur in this musical dramalogue. Visions coming to the Reconteur of "Everyman's" past will live again in music and dramatic scenes depicted by the National Players and a concert orchestra.

Broadcast through KGO, KECA, KSL and KOA.

10:30 to 11 p.m.—The Music Box

An insight to themes of eight musical creations to be played during the Music Box half hour will be revealed by poetry taken from the works of master bards.

Broadcast through KGO, KECA, KSL and KOA.

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

218.8 Meters

1370 Kcys

KIT

Channel 137

50 Watts

Valley Broadcasters, Inc., Yakima, Wash.

12:30 p.m.—Chamber of Commerce luncheon

4 p.m.—Edison program

4:30 p.m.—Book Review

4:45 p.m.—Tea Hour Concert

6 p.m.—"The World Book Man"

7 p.m.—Dr. Begg, health talk

8 p.m.—KIT Boy and Girl Friend

MONDAY Programs

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

- 8 to 9 a.m.—Reveille
- 9 to 9:30 a.m.—Let's Get Acquainted
- 9:45 to 10:45 a.m.—National Farm & Home Hour
- 10:45 to 11:30 a.m.—Philharmonic organ recital
- 11:30 to 12 noon—Philharmonic organ recital
- 12 to 1 p.m.—Rembrandt Trio
- 1 to 1:30 p.m.—NBC Debut Hour
- 1:30 to 2:30 p.m.—Pacific Vagabonds
- 2:30 to 3 p.m.—Pac. Coast School of the Air
- 3 to 3:30 p.m.—Mormon Tabernacle choir and organ recital, Salt Lake City
- 3:30 to 3:45 p.m.—Studio personalities
- 3:45 to 4:15 p.m.—California Federation of Women's Clubs
- 4:15 to 4:45 p.m.—Evening Reveries
- 4:45 to 5 p.m.—Back of the News
- 5 to 5:30 p.m.—The Hot Spot of Radio
- 5:30 to 5:45 p.m.—Moments Musical
- 5:45 to 6 p.m.—News service
- 6 to 6:30 p.m.—Edison program
- 6:30 to 7 p.m.—General Motors
- 7 to 7:30 p.m.—Stromberg-Carlson program
- 7:30 to 8 p.m.—The Empire Builders
- 8 to 8:30 p.m.—"Out of the West"
- 8:30 to 8:45 p.m.—Amos 'n' Andy
- 8:45 to 9 p.m.—Ole and the Girls
- 9 to 9:30 p.m.—The Voice of Firestone
- 9:30 to 10 p.m.—"The Cigar Band"
- 10 to 10:30 p.m.—Through My Fireplace
- 10:30 to 11 p.m.—The Music Box
- 11 to 12 midnight—Hotel St. Francis dance orchestra

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

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

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

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

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

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

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

- 12 to 1 p.m.—Mart and Heini
- 1 to 1:50 p.m.—The Old-timers' Hour
- 1:50 to 2:20 p.m.—Dr. Harbottle; Tom Mitchell
- 2:20 to 3 p.m.—Steinway recital
- 3:30 to 4 p.m.—Rev. Ethel Duncan
- 4 to 4:15 p.m.—Late news report
- 4:15 to 4:30 p.m.—Mart Dougherty
- 4:30 to 5 p.m.—Sunset Four
- 5 to 5:30 p.m.—Pacific Coast Seven
- 5:30 to 6:30 p.m.—Helene Smith, pianist
- 6 to 6:05 p.m.—Lost and found department
- 6:05 to 6:15 p.m.—Texas Cowboys
- 6:15 to 6:30 p.m.—Percy at the phone
- 6:30 to 7 p.m.—Goodyear Crooners
- 7 to 8 p.m.—Suydam's Buttercream School
- 8 to 8:30 p.m.—Hermosa Ship Entertainers
- 8:30 to 11 p.m.—Grand opera recordings
- 11 to 11:30 p.m.—Silver Spray orchestra
- 11:30 to 12:30 a.m.—Organ recital
- 12:30 to 3 a.m.—The Knight Fox

MONDAY Programs

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

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

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

Don Lee, Inc., Los Angeles, California

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

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

Hale Bros. & The Chronicle, San Francisco
 7 to 8 a.m.—Health Exercises by Hugh Barrett Dobbs and William H. Hancock
 8 to 9 a.m.—The Shell Happy Time, by Hugh Barrett Dobbs and William H. Hancock
 9:30 to 10 a.m.—Dobbsie’s Daily Chat
 10 to 10:30 a.m.—Julia Hayes in “Helpful Hints for Housewives”
 10:45 to 11:30 a.m.—Magazine of the Air, NBC
 11:30 to 11:45 a.m.—Art Talk by Helen Barker
 11:45 to 12:05 p.m.—Time, Scripture, Weather, Announcements
 12:05 to 1 p.m.—Floyd Wright, organist
 12:15 p.m.—Dean Wilmer Gresham, Community Chest
 1:30 to 2 p.m.—Ann Warner’s home chats
 2 to 2:10 p.m.—E. A. Pierce stock reports
 2:10 to 2:30 p.m.—Book review, Harold Small
 2:30 to 3 p.m.—Paul Pitman’s school broadcast
 3 to 3:30 p.m.—Mormon Tabernacle, NBC
 3:30 to 3:45 p.m.—Dept. of Commerce talk
 3:45 to 4 p.m.—Chamber of Commerce
 4 to 4:50 p.m.—S. F. Branch of American Pen-women
 4:50 to 5 p.m.—Stock reports
 5 to 5:50 p.m.—Children’s Hour
 5:50 to 6 p.m.—News digest, “Scotty” Mortland
 6 to 7 p.m.—Reo Masters of Music
 7 to 8 p.m.—North Americans
 8 to 9 p.m.—Shell Symphonists’ program, NBC
 9 to 9:10 p.m.—Cecll and Sally
 9:10 to 10 p.m.—The Toreadors
 10 to 10:30 p.m.—Fireside Hour
 10:30 to 11 p.m.—Jerry Jermaine, contralto; Mildred Bailey, pianist, and the Sparklers
 11 to 12 midnight—Jess Norman’s San Franciscans

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

Fisher’s Blend Station, Inc., Seattle, Wash.
 6:55 a.m.—Inspirational services
 7 a.m.—Making Merry with Sperry
 8 a.m.—Shell Happy Time
 9 a.m.—Y. M. C. A. health exercises
 9:15 a.m.—Organ recital by Betty Shilton
 9:45 a.m.—National Farm and Home Hour, NBC
 10:45 a.m.—Woman’s Magazine of the Air, NBC
 11:30 a.m.—Orchestra; VeOna Socolofsky, soprano, and Greenwood Mitchell, baritone
 12 noon—Farm talk
 12:15 p.m.—“What to Prepare for Dinner”
 12:30 p.m.—Grain, fruit and vegetable reports
 12:35 p.m.—Orchestra; G. Donald Gray, baritone, and Hayden Morris, basso
 2 p.m.—Popular orchestra with Fred Lynch, tenor
 2:30 p.m.—Pac. Coast School of the Air
 3 p.m.—Tabernacle choir and organ, NBC
 3:30 p.m.—Vocal ensemble
 4 p.m.—Mining stock quotations
 4:15 p.m.—Kiddies’ program
 4:45 p.m.—Stock, bond and grain quotations
 5 p.m.—Artistic Ensemble with Marye Burns
 6 p.m.—Edison program, NBC
 6:30 p.m.—General Motors Family Party, NBC
 7 p.m.—Stromberg Carlson concert, NBC
 7:30 p.m.—Empire Builders, NBC
 8 p.m.—Rudy Seiger’s Shell Symphonists, NBC
 8:30 p.m.—Amos ‘n’ Andy, NBC
 8:45 p.m.—Ole and the Girls, NBC
 9 p.m.—Voice of Firestone, NBC
 9:30 p.m.—The Cigar Band, NBC
 10 p.m.—Univ. of Wash. Educa. Hour
 10:45 p.m.—Fred Lynch, tenor, and Greenwood Mitchell, baritone
 11 p.m.—Olympic Hotel dance orchestra
 12 to 12:30 a.m.—Organ recital

MONDAY Programs

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

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

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

6:45 to 7 a.m.—Radio time clock
 7 to 8 a.m.—Eye Opener program
 8 to 9:30 a.m.—Recorded program
 9:30 to 10 a.m.—Home economics and Cynthia Gray
 10 to 10:15 a.m.—The Duffy Players
 10:15 to 11 a.m.—Musical program
 11 to 12 noon—"The Carnival," with Billy Sherwood, Maud Nickerson, Bertrand Smith, the Carnival Troupe
 12 to 2:30 p.m.—Popular melodies
 2:30 to 3:30 p.m.—"KOL Matinee" with Eva Gonnella, Inez Z. Morrison, Alice Blomquist, Ralph Clayton
 3:30 to 4:30 p.m.—"Musical Side Show" with Maud Nickerson, Ken Stuart, Ivan Ditmars and the Happy Hawaiian Trio
 4:30 to 5 p.m.—Mr. Fixit and news items
 5 to 6 p.m.—Service Hour
 6 to 6:15 p.m.—Cecil and Sally
 6:15 to 6:30 p.m.—Dinner Hour program
 6:30 to 6:55 p.m.—Ranch Dance Band
 6:55 to 7 p.m.—Stocks
 7 to 8 p.m.—Alice Blomquist, Richard Wood, Annjeanette Strang, Eva Gonnella, Joseph Nicolai
 8 to 9 p.m.—Popular program with Turner Huntton, Ruby Veatch, Jim Anderson, Rhythmette Twins and the Happy Hawaiian Trio
 9 to 9:15 p.m.—Ivan Ditmars
 9:15 to 10:30 p.m.—Wrestling direct from the Auditorium
 10:30 to 12 midnight—Dance music

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

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

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

1:30 to 2:30 p.m.—Louie Margie's stringed trio
 2:30 to 3 p.m.—Melody Boy, Walter McCoy; Luella Cooper, pianist
 3 to 3:30 p.m.—Popular recordings
 3:30 to 4 p.m.—The Happy Hayseeds: Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, "yodeling cowboy"
 4 to 4:30 p.m.—The "Ne'er Do Well"
 4:30 to 5 p.m.—Paul Heinsen, vocalist; Charlie Biuschke, pianist
 5 to 6 p.m.—Harriett Pool, organist; Charlie of the "Squirrels"; Roberta MacRossi, vocalist; Dr. Wade Forrester, vocalist
 7:30 to 8 p.m.—Doc Herrold's Shopping Hour
 8 to 8:30 p.m.—The Four Pals Jubilee

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

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

MONDAY Programs

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

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises and entertainment
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Health questions answered
10:15 to 10:30 a.m.—S. F. stocks; weather
10:30 to 11 a.m.—Records
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 3:30 p.m.—Opportunity hour; stocks
3:30 to 4:20 p.m.—Recordings
4:20 to 4:30 p.m.—Belco talk
4:30 to 5 p.m.—Records
5 to 5:30 p.m.—Brother Bob's club
5:30 to 6 p.m.—Edgar Russell
7 to 7:30 p.m.—News items
7:30 to 8 p.m.—Alabama Cafe orchestra
8 to 9 p.m.—Amati Quartet
9 to 10 p.m.—Helen Wegman Parmelee, pianist;
Elsa Madsen, violinist; Henri Shehoff, basso;
Edith Fern Newcomb, contralto, and Chas.
Pollette, accompanist
10 to 11 p.m.—Dance records

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

Western Broadcasting Co., Portland, Ore.

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

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

Warner Brothers, Hollywood, California

8 to 8:30 a.m.—Betty Silberman, organist
8:30 to 10 a.m.—Radio varieties
10 to 10:30 a.m.—Home Economics talk
10:30 to 11:30 a.m.—Radio varieties
11:30 to 12 noon—Quintet and soloists
12 to 12:10 p.m.—Cecil and Sally
12:10 to 12:30 p.m.—Quintet and soloists
12:30 to 2 p.m.—Radio varieties
2 to 2:30 p.m.—Art Pabst and his banjo
4 to 6 p.m.—Radio varieties program
6 to 6:30 p.m.—Violet Ray dance orchestra
6:30 to 7 p.m.—Harry Jackson's entertainers
7 to 7:30 p.m.—Julius K. Johnston, organist
7:30 to 7:45 p.m.—Jean Leonard, "Wizard of the Ivories"
7:45 to 8 p.m.—Jean Cowan, popular songs
8 to 8:30 p.m.—507 Orchestra
8:30 to 10 p.m.—Ice hockey game
10 to 10:30 p.m.—George Olsen's orchestra
10:30 to 11:30 p.m.—Paul Howard's Blackbirds
11:30 to 12 midnight—George Olsen's orchestra

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

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

209.7 Meters **KECA** **Channel 143**
1430 Kcys. **1000 Watts**

Earle C. Anthony, Inc., Los Angeles, Calif.

6:15 p.m.—D. H. Edward Myers, talk on dentistry
6:30 p.m.—Bob and Monte, Geo. Fassett Trio, "Buggyride" program
7:30 p.m.—Felipe Delgado, Media Hora Espanola
8:30 p.m.—Amos 'n' Andy
8:45 p.m.—Bob and Monte
9 p.m.—Wm. MacDougal, Scotch comedian
10 p.m.—Thru My Fireplace, NBC
10:30 p.m.—Music Box, NBC

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

General Electric Co., Denver, Colorado

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

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

J. Brunton & Sons, San Francisco, Calif.

6:45 to 8 a.m.—Alarm Klock Klub
8 to 9 a.m.—Favorite recordings
9 to 9:30 a.m.—Assoc. Grocers' program
9:30 to 12 noon—Record program
12 to 12:05 p.m.—Stock report
12:05 to 1:45 p.m.—Popular records
1:45 to 2 p.m.—Dr. Wiseman, health talk
2 to 3 p.m.—Records
3 to 4 p.m.—Radio Rodeo
4 to 4:30 p.m.—Al Sather, "Songs of the Moment"
4:30 to 4:40 p.m.—Ellworth Neff, psychologist
4:40 to 5:15 p.m.—Popular recordings

ATWATER KENT RADIO

DX FANS

A series of fine prizes for owners of Atwater Kent Model 60 who send us, before February 20th, the best radio logs, and an additional prize for the best foreign log.

PRIZES

First prize for the owner, a fine thin model white gold standard or wrist watch.

For the retailer who sold the set, a prize loving cup.

Second prize for the owner, a gold watch.

For the retailer who sold the set, a trophy cup.

Third prize for the owner, an onyx desk set.

For the retailer who sold the set, a cup.

FOREIGN STATIONS

For the owner with the best list of foreign stations, a prize loving cup.

CONDITIONS

The receiver used must be the Atwater Kent Model 60, equipped with an Atwater Kent speaker to be operated as shipped by the Atwater Kent Manufacturing Company. Volume should be hearable volume, so that the call letters and character of the program can be heard by the operator.

BLANKS

Blanks are ready at all retail

stores or may be had by writing us direct. All entries must be on the official blank.

JUDGES

Arthur Halloran, Publisher of "Radio"; Don E. Gilman, Vice-President National Broadcasting Company; J. W. Laughlin, Director of KPO and Vice-President National Association of Broadcasters, and Harrison Holliday, Director of KFRC.

CLOSING DATE

Entries close on February 20th, 1930. Logs may be sent in any time and must be verified by the signature of your retailer. Dealers, their employees and relatives are not eligible.

ERNEST INGOLD, INC.

930 Van Ness Avenue

San Francisco

AIR-LINE DISTANCES

DEPARTMENT
Bureau of
RADIO I

FROM/TO	Albuquerque, N. Mex.	Atlanta, Ga.	Baltimore, Md.	Boise, Idaho	Boston, Mass.	Brownsville, Tex.	Buffalo, N. Y.	Chicago, Ill.	Cincinnati, Ohio	Cleveland, Ohio	Denver, Colo.	Des Moines, Iowa	Detroit, Mich.	El Paso, Tex.	Fargo, N. Dak.	Fort Worth, Tex.	Galveston, Tex.	Hastings, Nebr.	Hot Springs, Ark.	Houghton, Mich.	Jacksonville, Fla.	Kansas City, Mo.	Los Angeles, Calif.
Albuquerque, N. Mex.	----	1273	1670	774	1967	838	1577	1126	1948	1417	332	833	1360	228	968	561	803	588	773	1252	1492	717	645
Atlanta, Ga.	1273	----	575	1830	933	960	695	583	368	550	1208	738	595	1293	1112	750	688	901	498	947	286	675	1938
Baltimore, Md.	1670	575	----	2055	358	1525	273	603	423	305	1505	913	398	1750	1143	1239	1245	1154	964	808	682	962	2311
Boise, Idaho	774	1830	2055	----	2266	1610	1872	1453	1663	1754	637	1155	1671	969	975	1263	1538	934	1384	1367	2098	1158	668
Boston, Mass.	1967	933	358	2266	----	1881	398	849	737	550	1766	1159	613	2067	1304	1574	1598	1415	1302	922	1015	1250	2596
Brownsville, Tex.	838	960	1525	1610	1881	----	1575	1234	1184	1402	1047	1102	1398	688	1445	471	287	1013	650	1543	1025	923	1371
Buffalo, N. Y.	1577	695	273	1872	398	1575	----	454	392	175	1368	762	218	1690	923	1221	1289	1019	956	560	880	862	2193
Chicago, Ill.	1126	583	603	1453	849	1234	454	----	249	307	918	310	236	1249	571	820	954	566	585	367	861	413	1741
Cincinnati, Ohio	1248	368	423	1663	737	1184	392	249	----	218	1090	509	234	1333	818	839	897	742	569	589	628	541	1882
Cleveland, Ohio	1417	550	305	1754	550	1402	175	307	218	----	1223	617	94	1521	838	1046	1116	871	787	518	768	700	2044
Denver, Colo.	332	1208	1505	637	1766	1047	1368	918	1090	1223	----	607	1153	554	642	643	925	353	749	970	1468	555	2826
Des Moines, Iowa	833	738	913	1155	1159	1102	762	310	509	617	607	----	545	980	397	640	851	856	488	458	1024	180	1433
Detroit, Mich.	1360	595	398	1671	613	1398	218	236	234	94	1153	545	----	1475	745	1018	1111	800	761	427	832	643	1976
El Paso, Tex.	228	1293	1750	969	2067	682	1690	1249	1333	1521	554	980	1475	----	1161	543	723	757	802	1422	1481	836	707
Fargo, N. Dak.	968	1112	1143	975	1304	1445	923	571	818	838	642	397	745	1161	----	973	1218	440	875	933	1400	546	1224
Fort Worth, Tex.	561	750	1239	1263	1574	471	1221	820	839	1046	643	640	1018	543	973	----	283	544	273	1093	943	460	1416
Galveston, Tex.	803	688	1245	1538	1598	287	1289	954	897	1116	925	851	1111	723	1218	283	----	808	375	1277	799	677	1423
Hastings, Nebr.	588	901	1154	934	1415	1013	1019	566	742	871	353	256	800	757	440	544	808	----	513	666	1178	226	1177
Hot Springs, Ark.	773	498	964	1384	1303	650	956	585	569	787	749	488	761	802	875	273	375	513	----	901	728	326	1437
Houghton, Mich.	1252	947	808	1367	922	1543	560	367	589	518	970	458	427	1422	393	1093	1277	666	901	----	1216	633	1787
Jacksonville, Fla.	1492	286	682	3090	1015	1025	880	861	628	768	1468	1024	832	1481	1400	943	799	1178	728	1216	----	952	2153
Kansas City, Mo.	717	675	962	1158	1250	923	862	413	541	700	555	180	643	836	548	460	677	226	326	633	952	----	1352
Los Angeles, Calif.	663	1935	2313	663	2590	1370	2195	1741	1892	2044	828	1433	1976	702	1426	1212	1423	1177	1437	1787	2153	1352	----
Louisville, Ky.	1174	317	498	1623	823	1093	483	268	92	309	1035	477	815	1253	818	751	807	693	480	636	595	480	1825
Memphis, Tenn.	938	335	792	1506	1133	777	802	481	410	627	878	485	621	978	882	448	492	591	176	830	591	370	1602
Miami, Fla.	1710	610	958	2368	1258	1100	1184	1190	957	1088	1732	1338	1156	1642	1721	1150	941	1468	983	1545	328	1347	2355
Minneapolis, Minn.	980	905	948	1140	1125	1335	733	356	603	632	699	235	542	1156	219	870	1087	399	782	272	1192	413	1522
Missoula, Mont.	895	1790	1947	252	2124	1706	1740	1348	1578	1640	670	1074	1552	1115	819	1318	1595	891	1385	1308	2070	1117	910
Nashville, Tenn.	1117	218	597	1631	941	952	626	394	239	458	1018	523	468	1169	900	643	666	697	370	760	502	478	1771
New Orleans, La.	1030	427	1001	1713	1359	536	1087	831	700	922	1079	825	938	986	1221	470	288	870	358	1187	511	678	1775
New York, N. Y.	1810	747	170	2153	188	1695	291	711	568	404	1628	1023	483	1902	1213	1398	1415	1475	1155	849	838	1097	2427
Norfolk, Va.	1896	507	167	2137	467	1465	435	696	474	429	1562	983	522	1755	1258	1226	1195	1216	915	946	548	1009	2335
Oklahoma, Okla.	518	753	1173	1138	1490	659	1117	689	755	946	503	469	905	578	786	188	456	357	860	926	988	293	1188
Omaha, Nebr.	718	815	1026	1044	1280	1061	883	432	620	738	485	122	666	875	390	590	828	135	490	547	1098	165	1311
Philadelphia, Pa.	1748	663	90	2113	268	1614	278	664	501	343	1575	972	444	1834	1186	1384	1335	1222	1051	827	758	1037	2389
Phoenix, Ariz.	330	1592	2002	733	2295	1023	1904	1451	1578	1745	585	1154	1685	347	1225	858	1065	901	1094	1550	1800	1045	35
Pittsburgh, Pa.	1498	520	194	1863	478	1424	178	411	258	115	1320	718	208	1592	952	1097	1140	967	875	830	703	784	2139
Portland, Me.	2015	1022	446	2282	100	1961	438	892	802	603	1803	1197	657	2126	1313	1642	1678	1454	1371	924	1113	1300	2631
Portland, Oreg.	1107	2172	2367	349	2553	1944	2167	1765	1987	2063	985	1479	1975	1286	1248	1612	1885	1271	1733	1638	2442	1397	822
Richmond, Va.	1628	470	128	2060	471	1428	375	618	399	353	1488	905	445	1695	1180	1170	1154	1142	897	870	953	937	2283
St. Louis, Mo.	938	467	731	1389	1036	975	662	259	308	490	793	270	452	1033	658	568	697	455	325	591	755	238	1583
Salt Lake City, Utah	483	1580	1858	292	2099	1317	1701	1260	1450	1567	372	952	1490	689	865	977	1249	708	1116	1242	1840	922	577
San Francisco, Calif.	893	2133	2451	516	2696	1675	2298	1855	2037	2163	946	1547	2087	993	1447	1454	1693	1297	1648	1833	2375	1500	345
Schenectady, N. Y.	1823	840	278	1120	150	1770	249	702	605	408	1618	1012	467	1930	1197	1445	1487	1267	1175	976	960	1107	2445
Seattle, Wash.	1178	2180	2341	405	2508	2015	2130	1743	1974	2035	1020	1470	1945	1373	1206	1658	1938	1288	1759	1588	2450	1505	956
Shreveport, La.	764	548	1064	1433	1410	510	1080	725	688	904	799	624	891	753	1002	209	233	615	142	1043	733	328	1282
Spokane, Wash.	1028	1960	2110	290	2279	1852	1900	1514	1746	1804	827	1243	1715	1238	976	1470	1753	1061	1552	1360	2239	1286	939
Springfield, Mass.	1889	863	282	2196	79	1805	325	774	639	473	1692	1085	540	1990	1240	1495	1524	1340	1224	860	957	1173	2511
Vermillion, S. Dak.	742	917	1083	973	1314	1161	916	479	694	785	468	187	705	920	284	689	938	167	605	510	1203	280	1293
Washington, D. C.	1648	542	33	2045	392	1493	290	594	403	303	1490	895	397	1726	1141	1210	1214	1139	936	813	647	943	2295

IN STATUTE MILES

OF COMMERCE
Navigation
DIVISION

Louisville, Ky.	Memphis, Tenn.	Miami, Fla.	Minneapolis, Minn.	Missoula, Mont.	Nashville, Tenn.	New Orleans, La.	New York, N. Y.	Norfolk, Va.	Oklahoma, Okla.	Omaha, Nebr.	Philadelphia, Pa.	Phoenix, Ariz.	Pittsburgh, Pa.	Portland, Me.	Portland, Oreg.	Richmond, Va.	St. Louis, Mo.	Salt Lake City, Utah	San Francisco, Calif.	Schenectady, N. Y.	Seattle, Wash.	Shreveport, La.	Spokane, Wash.	Springfield, Mass.	Vermillion, S. Dak.	Washington, D. C.	
1174 938	1710 980	895 1117	1030	1810 1696	518 718	1748	330 1498	2015 1107	1628	938 483	893 1823	1178	764 1028	1889 742	1648	467 1580	2133 840	2180	548 1960	863 917	542	1064 2110	282 1083	33	1433 290	2196 973	2045
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TUESDAY Programs

Jan. 28, 1930



TIME	STATION	PROGRAM

Douglas Nowell
KSL—Announcer

Nerino Turchet
KLX—9:00 p.m.

BEST BETS TODAY

379.5 Meters
790 Kcys.

KGO

Channel 79
10,000 Watts

General Electric Co., Oakland, California

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

309.1 Meters
970 Kcys.

KJR

Channel 97
5000 Watts

Northwest Radio Service Co., Seattle, Wash.

- 11 a.m.—Classical program
- 12 noon—World in Review
- 1 p.m.—Musical program
- 3 p.m.—Elmore Vincent and Marjorie Robillard
- 5 p.m.—Dinner concert
- 5:45 p.m.—Radio Nature Club
- 6 p.m.—Harmony Aces; Eulala Dean, blues; Ed Sheldon, banjo; Glen Eaton, tenor
- 7 p.m.—Sidney Dixon, tenor; Damski's Salon Orchestra; Betty Anderson, soprano
- 8 p.m.—Elmore Vincent, tenor; Zac Kalbach, saxophone
- 9 p.m.—Orpheus Quintet; Sidney Dixon, tenor; Betty Anderson, soprano; Herbert Graf, harp
- 10 p.m.—Lyric Trio; Jan Naylor, cello; Captivators' Quartet; Henri Damski, saxophone
- 11 p.m.—Vic Meyer's Club Victor Orchestra

560 Kcys.

KTAB

1000 Watts
Channel 56

535.4 Meters
Pickwick Broadcasting Co., Oakland, Calif.

- 7 to 8 a.m.—Eye Openers
- 8 to 8:30 a.m.—Masters' Album
- 8:30 to 9 a.m.—"Ye Towne Cryer"
- 9 to 9:30 a.m.—Morning Prayer Hour
- 9:30 to 10 a.m.—Dr. J. Douglas Thompson
- 10 to 10:30 a.m.—Household Hour with Alma LaMarr
- 10:30 to 11 a.m.—Dr. B. L. Corley
- 11 to 12 noon—Barney Lewis' Tabloid of the Air
- 12 to 1 p.m.—Sterling Cosmopolitans
- 1 to 1:30 p.m.—Chapel of the Chimes
- 1:30 to 2 p.m.—"Fashionette," Alma LaMarr
- 2 to 3 p.m.—Symphonic records
- 3 to 3:30 p.m.—"Restful Hour"
- 3:30 to 4 p.m.—"Broadway Tunes"
- 4 to 4:30 p.m.—Dr. Wade Forrester
- 4:30 to 5 p.m.—"Broadway Tunes"
- 5 to 6 p.m.—Brother Bob's Frolic Hour
- 6 to 6:30 p.m.—Sterling Cosmopolitans
- 6:30 to 7 p.m.—Chapel of Chimes
- 7 to 7:30 p.m.—Herb Scharlin, singer and pianist
- 7:30 to 8:30 p.m.—"Highway Highlights" with Melody Masters, Alice Blue, Maye Thompson
- 8:30 to 10 p.m.—Ice hockey game
- 10 to 11 p.m.—Silver Slipper Hour with Joe Wright's orchestra
- 11 to 12 midnight—"Music Box" with the Melody Masters, Alice Blue, Heinie Klotz, Ralph Teall
- 12 to 1 a.m.—"Slumber Chaser"

204 Meters
1470 Kcys.

KGA

Channel 147
5000 Watts

Northwest Radio Serv. Co., Spokane, Wash.

- 1 p.m.—Master musicale
- 2 p.m.—Radio matinee
- 3 p.m.—Popular melange
- 3:30 p.m.—Tea Hour concert
- 4:30 p.m.—Uncle Andy
- 5 p.m.—World Bookman and music
- 6 p.m.—Melody Aces; Carrie Andrew
- 7 p.m.—Sidney Dixon, tenor; Damski's Salon Orchestra; Betty Anderson, soprano
- 8 p.m.—Studio program
- 9 p.m.—Orpheus Quintet; Sidney Dixon, tenor; Betty Anderson, soprano
- 10 p.m.—Request program

TUESDAY Programs

NBC

National Broadcasting Company

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

Betty Crocker will answer the oft-expressed query, "What shall we eat tonight?" during the broadcast of the Gold Medal Home Service Talk. The speaker's topic, "An Interesting Evening Party," promises to reveal tempting viands for the climaxing hour of any evening party.

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

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

Both Helen Webster and Ann Holden will be heard during today's broadcast. Miss Holden's appearances before the microphone will come during the Wright Feature, when she presents "Elegant Salad," and the Wedgewood Feature devoted to "Legumes."

"A Touch of Something Different" is Miss Webster's subject for the Pepperell Feature.

Joseph Hornik will direct the Magazine Melodists in a group of instrumental numbers and NBC soloists will be heard during the program, offered through KGO, KHQ, KOMO, KGW, KPO and KFI.

1:30 to 2 p.m.—Pacific Coast School of the Air

"Money Making as an Aim in Life" will be discussed for secondary school students as the second lecture in the Tuesday course of the Pacific Coast School of the Air is broadcast through KGO, KHQ, KOMO, KGW and KPO.

2 to 3 p.m.—Matinee Time

Grand opera, light opera and the realm of classic music will be represented on the one-hour matinee broadcast through KGO, KOMO and KGW.

4 to 4:30 p.m.—Voters' Service

Broadcast through KGO, KHQ, KOMO and KGW.

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

It was while singing in a musical show for his alma mater, the University of California, that Mario Chamlee first brought attention to his voice, which will be heard again as the "Around the World with Libby" program is broadcast over KGO, KHQ, KOMO, KGW and KECA.

6 to 6:30 p.m.—Eveready Hour

Kathleen Stewart, noted pianist, will appear as guest artist when the Eveready Hour is broadcast through KGO, KHQ, KOMO, KGW and KFI.

6:30 to 7 p.m.—Happy Wonder Bakers

Harry Von Tilzer, composer of many of the best-known songs of past decades, will be heard singing with the Happy Wonder Bakers. A number of Von Tilzer's greatest successes will be sung by him and by Frank Luther, Jack Parker, and other artists during the program, which Frank Black will direct. An orchestra conducted by Black will also participate in the presentation.

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

7 to 7:30 p.m.—Harbor Lights, program from New York.

Broadcast through KGO, KOMO and KGW.

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

Vaudevillians who have achieved head line position in the field of the two-a-day will find

time to entertain the NBC System audience tonight from the New York studios of the National Broadcasting Company.

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

8:30 to 8:45 p.m.—Amos 'n' Andy

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

8:45 to 9 p.m.—John and Ned

Popular harmony and humorous dialogue will be John and Ned's contribution to the radio audience as they broadcast through KGO, KHQ, KOMO, KGW and KECA.

9 to 10 p.m.—Concert Album, KGO.

10 to 11 p.m.—Spotlight Review

Captained by a German dialect master of ceremonies and regaling listeners with comedy, instrumental numbers, song and drama, NBC System artists will parade before the microphone as the Spotlight Review is broadcast tonight.

Broadcast through KGO, KHQ and KECA.

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

254.1 Meters

KEX

Channel 118

1180 Kcys.

5000 Watts

Western Broadcasting Co., Portland, Ore.

4 p.m.—Classical program

5 p.m.—Popular program

6 p.m.—Studio program

8:30 p.m.—Troubles of Thomas

8:45 p.m.—Novelty program

9 p.m.—Studio program

10 p.m.—Dance program

10:30 p.m.—Jack and Jill Dance Band

11:30 p.m.—Weather and police news

239.9 Meters

KFOX

Channel 125

1250 Kcys.

1000 Watts

Nichols & Warriner, Long Beach, Calif.

4 to 4:15 p.m.—Late news report

4:15 to 4:30 p.m.—Mart Dougherty

4:30 to 5 p.m.—Sunset Four

5 to 5:30 p.m.—Pacific Coast Seven

5:30 to 6 p.m.—Novelty trio

6 to 6:05 p.m.—Lost and found department

6:05 to 6:15 p.m.—Hollywood Girls

6:15 to 6:30 p.m.—Percy at the phone

6:30 to 6:45 p.m.—Sunset Harmony Boys

6:45 to 7 p.m.—Vest Pocket Minstrels

7 to 7:15 p.m.—Radio parade

7:15 to 7:30 p.m.—Buttercream School Kids

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

8 to 8:30 p.m.—"Josh and Si"

8:30 to 9 p.m.—Texas Cowboys

9 to 9:45 p.m.—Zandra's Mystic Hour

9:45 to 10:30 p.m.—Fights from Olympic Auditorium

10:30 to 11 p.m.—Over at Mart's house

11 to 11:30 p.m.—Silver Spray orchestra

11:30 to 12:30 a.m.—Organ recital

12:30 to 3 a.m.—The Knight Fox

265.3 Meters

KSL

Channel 113

1130 Kcys.

5000 Watts

Radio Service Corp., Salt Lake City, Utah

1:15 p.m.—Popular program

5 p.m.—Instrumental and vocal program

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

6 p.m.—Eveready Hour, NBC

7:30 p.m.—Radio-Keith-Orpheum, NBC

8:30 p.m.—Amos 'n' Andy, NBC

8:45 p.m.—Utah instrumental quartet

9 p.m.—Mixed quartet and instrumentalists

9:30 p.m.—Concert

10 p.m.—Claude Kiff's Tavern dance band

11 to 12 midnight—Request Hour

TUESDAY Programs

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

Hale Bros. & The Chronicle, San Francisco

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

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

The Morning Oregonian, Portland, Oregon

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

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

Pacific Broadcasting Corp., San Francisco

- 9 to 10 a.m.—Recorded program
- 10 to 10:30 a.m.—Cooking, by Belle de Graf
- 10:30 to 11 a.m.—Recordings
- 11 to 12 noon—California Sunshine Hour
- 12 to 12:15 p.m.—Newscasting
- 12:15 to 1 p.m.—Tuesday Noon Club
- 1 to 2 p.m.—Classical recordings
- 2 to 3 p.m.—Bridge Party Hour
- 3 to 7 p.m.—Recordings
- 7 to 7:30 p.m.—George Taylor, Melvin, Leo and Frank
- 7:30 to 7:45 p.m.—College Daze, Toby and Babs
- 7:45 to 8 p.m.—Croon-a-Tune Trio
- 8 to 9 p.m.—Calendar of the Air
- 9 to 9:30 p.m.—Song recital, Claire Upshur and Nona Campbell
- 9:30 to 10:30 p.m.—Pacific Artists Trio; Nellie Wren, soloist
- 10:30 to 11 p.m.—Dance recordings
- 11 to 12 midnight—Request recordings
- 12 to 1 a.m.—Request program

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

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

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

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

First Baptist Church, San Jose, Calif.

- 9:30 to 10:30 a.m.—Helpful Hour
- 10:30 to 11 a.m.—Helpful Hints to Housewives
- 11 to 11:45 a.m.—Los Gatos program
- 12 to 12:30 p.m.—Carl's Hawaiians
- 12:30 to 1 p.m.—Market reports, weather
- 1 to 1:30 p.m.—Hart's Happy Half Hour
- 1:30 to 2:30 p.m.—The Friendly Hour
- 2:30 to 3:30 p.m.—Musical program
- 4:45 to 5:15 p.m.—Children's program
- 5:15 to 5:30 p.m.—Painless Parker's health talk
- 5:30 to 6 p.m.—San Jose Radionics Institute
- 6 to 6:10 p.m.—U. S. D. a. farm flashes
- 6:10 to 6:30 p.m.—Coöperative market reports
- 6:30 to 6:45 p.m.—Market reports
- 6:45 to 6:55 p.m.—Farm reporter
- 6:55 to 7 p.m.—Farmers' Exchange
- 7 to 8 p.m.—Farm Bureau evening radio news
- 8 to 9:30 p.m.—"You Never Can Tell" program

TUESDAY Programs

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

Tribune Publishing Co., Oakland, Calif.

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

468.5 Meters **KFI** **Channel 64**
640 Kcys. **500 Watts**

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

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

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

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

Don Lee, Inc., San Francisco, Calif.

7 to 7:30 a.m.—Seal Rocks broadcast
7:30 to 8 a.m.—Bill Wright, "The Laughfinder"
8 to 8:15 a.m.—R. S. V. P., CBS
8:15 to 8:30 a.m.—Pot of Gold, CBS
8:30 to 8:45 a.m.—Senator Capper's political
talks, CBS
8:45 to 9 a.m.—Mr. Fixit, CBS
9 to 9:30 a.m.—Columbia Revue, CBS
9:30 to 10:30 a.m.—Feminine Fancies, DLBS
10:30 to 11 a.m.—Wyn's daily chats
11 to 11:30 a.m.—Charles W. Hamp for S. & W.
11:30 to 12 noon—Auditions
12 to 1 p.m.—Sherman & Clay noontay concert
1 to 2 p.m.—U. S. Army Band, CBS
2 to 3 p.m.—Happy-Go-Lucky Hour
3 to 3:15 p.m.—Beauty talks
3:15 to 3:30 p.m.—Recordings
3:30 to 4 p.m.—Educational period
4 to 4:30 p.m.—Garden talks
4:30 to 4:50 p.m.—Matinee Melody Masters,
DLBS
4:50 to 5 p.m.—Recordings and town topics
5 to 5:30 p.m.—Margett's
5:30 to 6 p.m.—Edna Fischer, pianist
6 to 7 p.m.—Old Gold Orchestra, CBS
7 to 7:30 p.m.—Joe and Vi, CBS
7:30 to 8 p.m.—Remar Twins
8 to 9 p.m.—Pacific States Savings program
9 to 9:30 p.m.—Mahlon Merrick's Modern Mel-
odists, DLBS
9:30 to 10 p.m.—Captain Adams program
10 to 10:10 p.m.—"Frank Watanabe"
10:10 to 11:10 p.m.—Val Valente's orchestra, fea-
turing Edna Fischer and Fred Brown, soloists
11:10 to 12 midnight—Val Valente's orchestra;
Jean Wakefield, soloist
12 to 1 a.m.—Dance music

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

Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.—Recordings
7:40 to 8 a.m.—Recordings
8 to 8:30 a.m.—Party House, CBS
8:30 to 8:45 a.m.—Three Men in a Tub, CBS
8:45 to 9 a.m.—Pot of Gold, CBS
9 to 9:30 a.m.—Columbia Revue, CBS
9:30 to 10:30 a.m.—Feminine Fancies, KFRC
10:30 to 11 a.m.—Times Forum
11 to 11:30 a.m.—Chas. Hamp
11:30 to 11:45 a.m.—Agnes White, "At Our
House"
11:45 to 12 noon—Normalizer sales, recordings
12 to 12:30 p.m.—Biltmore concert orchestra
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:30 p.m.—L. A. Advertising Club
luncheon
1:30 to 2 p.m.—Charlie Wellman
2 to 3 p.m.—Recordings
3 to 3:15 p.m.—Western Air Express, talk
3:15 to 3:30 p.m.—Safety conference, talk
3:30 to 3:45 p.m.—Midnight Mission, talk
3:45 to 4 p.m.—U. S. C. "Trojan" period
4 to 4:50 p.m.—Matinee Melody Masters
4:50 to 5 p.m.—World-wide news
5 to 5:30 p.m.—Dance band
5:30 to 6 p.m.—Organ recital with singer
6 to 7 p.m.—Paul Whiteman and orchestra
7 to 7:30 p.m.—Graybar Electric program, "Joe
and Vi," CBS
7:30 to 8 p.m.—Murphy Motors program
8 to 9 p.m.—Pacific States concert
9 to 9:30 p.m.—Merrick's Melodies, KFRC
9:30 to 10 p.m.—Capt. Adams, KFRC
10 to 10:05 p.m.—World-wide news
10:05 to 12 midnight—Biltmore Hotel dance orch
12 to 1 a.m.—Wesley Tourtellotte's organ recital

TUESDAY Programs

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

- 5 to 7 a.m.—Early morning broadcast
- 8 to 8:30 a.m.—Popular recordings and announcements
- 8:30 to 9 a.m.—Dr. Wade Forrester answering health questions
- 11 to 12 noon—Cy Perkins Kountry Stoar
- 1:30 to 2 p.m.—United Grocers' program
- 2 to 2:30 p.m.—Vocal solos and duets by Beth and Mildred
- 2:30 to 3 p.m.—David Wollner, violinist; Harriett Pool, organist
- 3 to 3:30 p.m.—Popular recordings
- 3:30 to 4 p.m.—The Happy Hayseeds: Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, "yodeling cowboy"
- 4 to 4:15 p.m.—Detective story by Tom King
- 4:15 to 4:30 p.m.—Piano rambles, Ardath and Luella
- 4:30 to 5 p.m.—Melody Boy, Walter McCoy; Luella Cooper, pianist
- 5 to 6 p.m.—Harriett Pool, organist; Charlie of the "Squirrels"; Roberta MacRossi, vocalist; Dr. Wade Forrester, vocalist
- 7:30 to 8 p.m.—Doc Herrold's Shopping Hour
- 8 to 9 p.m.—Bible lecture; musical selections
- 9 to 10 p.m.—The Campfire program
- 10 to 10:05 p.m.—Union Mutual Life program
- 10:05 to 11 p.m.—Andy Wallace Dance Orchestra

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

- 7 to 8 a.m.—Health exercises
- 9 to 9:30 a.m.—Cal King's Country Store
- 9:30 to 10 a.m.—Recordings and announcements
- 10 to 10:30 a.m.—Charlie Glenn, "Old Songs"
- 10:30 to 10:50 a.m.—Dr. Linebarger, health talk
- 10:50 to 11 a.m.—News, weather, police reports
- 12 to 1 p.m.—Dance music
- 1 to 1:30 p.m.—Cal King's Country Store
- 6 to 6:45 p.m.—Zay Rector Bevitt, course of piano instruction
- 6:45 to 7:15 p.m.—Variety recordings
- 7:15 to 7:30 p.m.—Banjo Boys, Henry and Tom
- 11 to 12 midnight—New Shanghai Orchestra
- 12 to 1 a.m.—Midnight Classics

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

- 8 to 8:30 a.m.—Betty Silberman, organist
- 8:30 to 10 a.m.—Radio varieties
- 10 to 10:30 a.m.—Betty Silberman, organist
- 10:30 to 11:30 a.m.—Radio varieties
- 11:30 to 12 noon—Quintet and soloists
- 12 to 12:10 p.m.—"Cecil and Sally"
- 12:10 to 12:30 p.m.—Quintet and soloists
- 12:30 to 2 p.m.—Radio varieties
- 4 to 6 p.m.—Radio varieties
- 6 to 6:30 p.m.—Violet Ray dance orchestra
- 6:30 to 7 p.m.—Harry Jackson's entertainers
- 7 to 7:30 p.m.—Hollywood Athletic Club orchestra
- 7:30 to 8 p.m.—Murfhey Players
- 8 to 8:30 p.m.—507 Orchestra
- 8:30 to 9 p.m.—Bridge by radio
- 9 to 9:30 p.m.—The Edgeworth Plantation Club
- 9:30 to 10:30 p.m.—Main bout from the Olympic Auditorium
- 10:30 to 11:30 p.m.—Paul Howard's Blackbirds

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

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

- 12:35 p.m.—Orchestra; VeOna Socolofsky, soprano
- 1:30 p.m.—Pac. Coast School of the Air, NBC
- 2 p.m.—Matinee Time, NBC
- 3 p.m.—Artistic Ensemble; Greenwood Mitchell and Hayden Morris
- 3:45 p.m.—Mining stock quotations
- 4 p.m.—Voters' Service, NBC
- 4:30 p.m.—Kiddies' program
- 5 p.m.—Stock, bond and grain quotations
- 5:15 p.m.—Male quartet vocal recital
- 5:30 p.m.—Around the World with Libby, NBC
- 6 p.m.—Eveready Hour, NBC
- 6:30 p.m.—Happy Wonder Bakers, NBC
- 7 p.m.—Harbor Lights, NBC
- 7:30 p.m.—Radio-Keith-Orpheum, NBC
- 8:30 p.m.—Amos 'n' Andy, NBC
- 8:45 p.m.—John and Ned, NBC
- 9 p.m.—Orchestra; Fred Lynch, tenor
- 10 p.m.—Gold Shield Little Symphony with Marye Burns, soloist
- 11 p.m.—News flashes
- 11:15 p.m.—Laughner-Harris dance orchestra, NBC
- 12 to 12:30 a.m.—Organ recital by Betty Shilton

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

- 1:30 to 2:30 p.m.—Popular program
- 2:30 to 3:30 p.m.—"KOL Matinee"
- 3:30 to 4:30 p.m.—"Musical Side Show"
- 4:30 to 5 p.m.—Mr. Fixit and news items
- 5 to 6 p.m.—Service Hour
- 6 to 6:15 p.m.—Cecil and Sally
- 6:15 to 6:30 p.m.—Dinner Hour program
- 6:30 to 6:55 p.m.—Percy White Trio
- 6:55 to 7 p.m.—Stocks
- 7 to 8 p.m.—Program with Louise Dolejsi, Eugene Mason, Emma Eppler, Ivan Ditmars, Harold Chase, Happy Hawaiian Trio
- 8 to 8:30 p.m.—Baxter's Boys with Mary and Willie Baxter
- 8:30 to 9 p.m.—Hugh Barbour; Marie Storm; Carron Mills
- 9 to 9:30 p.m.—Ken Stuart in "30 Minutes of Sunshine"
- 9:30 to 10:30 p.m.—Studio program
- 10:30 to 12 midnight—Guy Olsen's music

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

Louis Wasmer, Inc., Spokane, Washington

- 11:30 to 12 noon—Winifred Rhoades, organist
- 12 to 1 p.m.—Chamber of Commerce luncheon
- 1 to 1:30 p.m.—"Down Memory Lane"
- 1:30 to 2 p.m.—School of the Air, NBC
- 2 to 3 p.m.—Gems from Sartori
- 3 to 3:30 p.m.—Album symphonies
- 3:30 to 4 p.m.—"Paint o' Mine" period
- 4 to 5 p.m.—Happy Harmonies
- 5 to 5:30 p.m.—Matched Unit Hour
- 5:30 to 6 p.m.—Around the World with Libby, NBC
- 6 to 6:30 p.m.—Eveready Hour, NBC
- 6:30 to 7 p.m.—Continental Baking Co., NBC
- 7 to 7:30 p.m.—Studio program
- 7:30 to 8:30 p.m.—RKO program, NBC
- 8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
- 8:45 to 9 p.m.—John and Ned, NBC
- 9 to 9:30 p.m.—Sparkling melodies
- 9:30 to 9:45 p.m.—Little Buster
- 9:45 to 10 p.m.—Sport News
- 10 to 11 p.m.—Spotlight review, NBC
- 11 to 12 midnight—Just Another Hour



TOPICS OF THE TRADE



Jim Hermans, manufacturer's representative of many nationally known lines, is now on an eastern business trip.

* * *

H. L. Williams, formerly connected with the Electric Supply Company of Oakland, has recently been made advertising manager for the Rola Company, manufacturers of the well known Rola Speaker, and recently the manufacturer of the Baby Grand Receiver.

* * *

It has been estimated that a radio set supplies entertainment for an average of four and three-tenths people.

* * *

L. H. Reyburn, manager of the Pacific Wholesale Radio, San Francisco, is spending a few days in Los Angeles.

* * *

Ten of the large East Bay radio stores have adopted a uniform carrying charge for down payment of one-half of one per cent per month on installment sales. It is expected that San Francisco will adopt a similar plan.

* * *

Through the effort of the Traffic Committee of the Pacific Radio Trade Association, they have secured a reduction on freight rates on radio sets from San Francisco to Portland and Seattle.

* * *

Heckert Parker, special representative for "Radio," has just returned from an extensive eastern trip. Mr. Parker is optimistic about the outlook for 1930.

* * *

It has been reported that Dobbsie has just signed a three-year contract with the Shell Oil Company, amounting to about a quarter of a million dollars. This is a sample of what is being expended to entertain you over your radio.

* * *

Frank Burns, vice-president and sales manager of the E. T. Cunningham Company, manufacturers of the well known Cunningham tube, is now a visitor to the San Francisco metropolis area.

* * *

Radio communication between airplane and the ground will soon be a factor is indicated by Westinghouse Manufacturing Company, who is carrying on some very successful tests.

One of the winners of the selling campaign instigated by Grigsby Grunow Company, manufacturers of the well-known Majestic radio receiver, is Raymond E. Wolfinger, manager of the radio department of Redlick and Newman. Mr. Wolfinger earned a trip to the factory in Chicago and left here on Friday, January 17.

* * *

Radio retailers of the Bay area are requested to advise the Pacific Radio Trade Association, 905 Mission Street, if their customers are troubled with radio interference. The Association maintains two investigators for this purpose.

* * *

W. C. Gear representing the Colin B. Kennedy Company, manufacturers of the Kennedy radio, is now a visitor to San Francisco.

* * *

The Pacific Radio Trade Association Trade Show will be held in the new William Taylor Hotel on June 25, 26, 27, 1930. The regular radio show for the public has been discontinued. Mr. H. R. Curtiss, of the H. R. Curtiss Company, heads the 1930 show committee.

* * *

Doctor De Forest, head of the De Forest Radio Company, was recently made president of the Institute of Radio Engineers.

* * *

Radio receivers for 1930 will be higher in price is indicated by the announcements by some of the large producers.

* * *

Christmas Eve a truck backed up in front of the Piano Radio Exchange, 2125 Polk Street, and loaded eight complete radio sets on the truck and drove off without leaving any trace. If anyone in the industry finds one of these sets, Mr. Zoberbier, Graystone 5727, will appreciate his telephoning him at once.

Make	Model	Serial No.
Fada	P-70	5197
Atwater Kent	D57-55	4197937
Jackson Bell	8	9294
Freed	NR-55	14407
Universal		11255
Bosch	141	38994
Bosch	140	37662
Bosch		81523

WEDNESDAY Programs

Jan. 29, 1930



James Burroughs
NBC—8:45 p.m.

TIME	STATION	PROGRAM



Aileen Fealy
KPO—8:30 p.m.

BEST BETS TODAY

340.7 Meters
880 Kcys.

KLX

Channel 88
500 Watts

Tribune Publishing Co., Oakland, Calif.

- 7 to 8 a.m.—Exercises and entertainment
- 8 to 9 a.m.—Jean Kent
- 9 to 9:30 a.m.—Modern Homes period
- 9:30 to 10:15 a.m.—Records
- 10:15 to 10:30 a.m.—S. F. stocks
- 10:30 to 11 a.m.—Records
- 11 to 12 noon—Classified adv. hour
- 12 to 1 p.m.—Machado's KLX Hawaiians
- 1 to 2 p.m.—Jean's Hi-Lights
- 2 to 2:55 p.m.—Records
- 2:55 to 3 p.m.—Closing S. F. stocks
- 3 to 3:30 p.m.—Ethel Rhinard, pianist
- 3:30 to 4:20 p.m.—Records
- 4:20 to 4:30 p.m.—Belco talk
- 4:30 to 5 p.m.—Chas. T. Besserer, organist
- 5 to 5:30 p.m.—Brother Bob Club
- 5:30 to 6 p.m.—Edgar Russell
- 6 to 7 p.m.—Hotel Oakland concert trio
- 7 to 7:30 p.m.—News items
- 7:30 to 8 p.m.—Ethel Rhinard, pianist, and Cora Scott, contralto
- 8 to 9 p.m.—Signor Rinaldo and his orchestra
- 9 to 9:15 p.m.—Bookworm
- 9:15 to 10 p.m.—Helen Wegman Parmelee, pianist; George Barnes, tenor; Howard Peterson, xylophone; Myrth Lacy, soprano
- 10 to 11 p.m.—Lost and Found overflow program
- 11 to 12 midnight—Dance records

280.2 Meters
1070 Kcys.

KJBS

Channel 107
100 Watts

J. Brunton & Sons, San Francisco, Calif.

- 6:45 to 8 a.m.—Alarm Klock Klub
- 8 to 9 a.m.—Recorded program
- 9 to 9:30 a.m.—Assoc. Grocers' program
- 9:30 to 10 a.m.—Sapphire program
- 10 to 10:30 a.m.—Popular recordings
- 10:30 to 11 a.m.—Medicine Man Melodies
- 11 to 12 noon—Recorded varieties
- 12 to 12:05 p.m.—Stock report
- 12:05 to 1:45 p.m.—Popular recordings
- 1:45 to 2 p.m.—Dr. Wiseman, health talk
- 2 to 2:30 p.m.—Concert music
- 2:30 to 3 p.m.—Renton program
- 3 to 3:30 p.m.—Art Padden, pianist
- 3:30 to 5:15 p.m.—Recorded program

491.5 Meters
610 Kcys.

KFRC

Channel 61
1000 Watts

Don Lee, Inc., San Francisco, Calif.

- 7 to 8 a.m.—"Simpv Fitts"
- 8 to 8:30 a.m.—Bill Wright, "The Laughfinder"
- 8:30 to 9 a.m.—Records
- 9 to 9:30 a.m.—Columbia Revue, CBS
- 9:30 to 10:30 a.m.—Feminine Fancies, DLBS
- 10:30 to 11 a.m.—Wyn's daily chats
- 11 to 11:30 a.m.—Mary Lewis Haines
- 11:30 to 11:45 a.m.—Auditions
- 11:45 to 12 noon—Barbara Gould broadcast
- 12 to 1 p.m.—Sherman and Clay noonday concert
- 1 to 1:30 p.m.—Musical Albums, CBS
- 1:30 to 2 p.m.—Club Plaza Orchestra, CBS
- 2 to 3 p.m.—Happy-Go-Lucky Hour
- 3 to 3:30 p.m.—"New Books," Monroe Upton
- 3:30 to 3:35 p.m.—Something About Everything
- 3:35 to 4 p.m.—News items and lost and found
- 4 to 4:50 p.m.—Matinee Melody Masters
- 4:50 to 5 p.m.—Recordings and town topics
- 5 to 5:30 p.m.—General Mills' Fast Freight, CBS
- 5:30 to 5:45 p.m.—Hors d'Ouvres
- 5:45 to 6 p.m.—Recording program
- 6 to 6:30 p.m.—Grand opera, CBS
- 6:30 to 7 p.m.—Charles W. Hamp for S. & W.
- 7 to 7:30 p.m.—Sierra Symphonists, DLBS
- 7:30 to 8 p.m.—Brunswick Brevities
- 8 to 9 p.m.—Hank Simmons' Show Boat, CBS
- 9 to 10 p.m.—M G M Movie Club, DLBS
- 10 to 11 p.m.—Hotel Mark Hopkins orchestra
- 11 to 12 midnight—Herb Meyerinck's band, Jean Wakefield, soloist
- 12 to 1 a.m.—Dance music

265.3 Meters
1130 Kcys.

KSL

Channel 113
5000 Watts

Radio Service Corp., Salt Lake City, Utah

- 5:30 p.m.—"The Sunshine Girls"
- 6 p.m.—"The Old Counsellor," NBC
- 6:30 p.m.—Palmolive Hour, NBC
- 7:30 p.m.—Victor Wagner's orchestra, NBC
- 8 p.m.—Instrumental and vocal ensemble
- 8:30 p.m.—Amos 'n' Andy, NBC
- 8:45 p.m.—"The Romance of Gems"
- 9 p.m.—"The Sunfreze Ensemble," vocalists and instrumentalists
- 9:30 p.m.—Electrical transcription—Radioette
- 10 p.m.—"Cotton Blossom Minstrels," NBC
- 11 to 12 midnight—Request Hour

WEDNESDAY Programs

NBC

National Broadcasting Company

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

Evelyn Brent, famous motion picture star, plays an important part in the weekly visit of Mary Hale Martin, Libby McNeill and Libby good food exponent, when Miss Martin chats with her home-maker listeners through KGO, KHQ, KOMO, KGW, KFI, KSL and KOA.

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

A mirth-provoking feature opens the broadcast, with Magnolia, Henry and Charley presenting the Oronite Comedy.

With Bennie Walker presiding, the Magazine's following pages will reveal the Easier Housekeeping Feature with Helen Webster discussing refrigeration and the Fuller Feature offering her again to talk of occasional tables.

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

1 to 2 p.m.—Radio Guild

A special adaptation will be used with Vernon Radcliffe directing the production.

Broadcast through KGO, KOMO and KGW.

2 to 2:15 p.m.—National Woman's Party

Gail Laughlin, noted woman lawyer, will speak to listeners during the National Woman's Party broadcast through KGO, KHQ and KOMO.

3 to 3:30 p.m.—The Aeolians, KGO, KGW and KOMO.

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

4:30 to 5 p.m.—Westinghouse Salute

Cesare Sodero directs the musical portion of the program, which includes original and standard classic compositions sung and played by 40 vocalists and 50 instrumentalists. Noted stage stars appear in dramatic sketches, while Pedro de Cordoba as the "Voice of the Interlude" links music and drama together.

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

6 to 6:30 p.m.—Halsey, Stuart Program

The "Old Counsellor" will give a short talk on investments as part of the Halsey, Stuart program.

A musical program consisting of classical numbers will precede this financial talk and will also conclude the half hour.

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

6:30 to 7:30 p.m.—Palmolive Program

Olive Palmer, Paul Oliver, Elizabeth Lennox, the Revelers Quartet and Gustave Haenschen, musical director, participate in the Palmolive Hour program over KGO, KHQ, KOMO, KGW and KFI.

7:30 to 8 p.m.—Floyd Gibbons, KGO, KOMO and KGW.

8 to 8:30 p.m.—Let's Get Associated

Jack and Ethyl have discovered that Anne and Arthur's wedded life is about to break up and in their skit tonight will try to show their friends how to bring back the happiness they had in their honeymoon days.

This half hour domestic drama will be set against a background of the final rehearsal for the American Legion Show, which Jack

is directing, and which allows the introduction of musical numbers and local color.

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

8 to 8:30 p.m.—Parisian Quintet, KGO.

8:30 to 8:45 p.m.—Amos 'n' Andy

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

8:45 to 9:15 p.m.—Sunkist Serenaders

With James Burroughs, tenor; Dan Borzage, accordionist, and Bob Harker, banjoist, as the soloists, a program by the Sunkist Serenaders will be broadcast over KGO, KHQ, KOMO, KGW and KFI.

9:15 to 9:30 p.m.—Leonard and Hines, KGO and KHQ.

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

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

As the Cotton Blossom Minstrels entertain tonight, listeners will be carried back in imagination to those "red letter" days when the minstrel men came to town.

The band will play one tune before the show starts, the full performance of which will be broadcast over KGO, KHQ, KECA and KOA. 11 to 12 midnight—Laughner-Harris Hotel St. Francis Dance Orchestra, KGO.

468.5 Meters

640 Kcys.

KFI

Channel 64

5000 Watts

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

7 a.m.—"Making Merry with Sperry"

7:30 a.m.—Opening market quotations

7:45 a.m.—"Making Merry with Sperry"

8 a.m.—Shell Happy Time from KPO

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

9:30 a.m.—Sylvia's Happy Hour

10:15 a.m.—Mary Hale Martin, NBC

10:30 a.m.—Woman's Magazine, NBC

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

12 noon—Agricultural talks and market reports

12:10 p.m.—Federal and state market reports

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

3:30 p.m.—Tea Time tales

3:45 p.m.—Edwin August, Bachelor of Verse

4 p.m.—Big Brother

4:30 p.m.—Westinghouse Salute, NBC

5 p.m.—Baron Keyes, "The Story Man"

5:30 p.m.—Dr. H. Edward Myers

5:45 p.m.—Stock market reports

6 p.m.—Halsey Stuart program, NBC

6:30 p.m.—Palmolive Hour, NBC

8 p.m.—Jack and Ethyl, NBC

8:45 p.m.—Sunkist Serenaders, NBC

9:30 p.m.—Tom Terriss, vagabond movie director

10 p.m.—Packard concert orchestra

11 p.m.—KFI news bureau

254.1 Meters

1180 Kcys.

KEX

Channel 118

5000 Watts

Western Broadcasting Co., Portland, Ore.

9 a.m.—Better Homes Hour

9:30 a.m.—Novelty program

9:45 a.m.—Morning devotional services

10 a.m.—Concert program

12 noon—World Bookman and Girls' Orchestra

1:05 p.m.—Uncle Robbins' farm flashes

1:15 p.m.—Popular program

4 p.m.—Classical program

5 p.m.—Popular program

6 p.m.—Hometowns' Orchestra

7 p.m.—Damski's Concert Ensemble; Agatha Turley, soprano; Jean Kantner, baritone

9 p.m.—Studio program

10 p.m.—Dance program

10:30 p.m.—Jack and Jill Dance Band

11:30 p.m.—Weather and police news

WEDNESDAY Programs

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

Pacific Broadcasting Corp., San Francisco
9 to 10 a.m.—Recorded program
10 to 10:30 a.m.—Cooking, by Belle de Graf
10:30 to 10:45 a.m.—Popular recordings
10:45 to 11 a.m.—Dr. L. Raymond Holmes, health talk
11 to 12 noon—California Sunshine Hour
12 to 12:15 p.m.—Newscasting
12:15 to 2 p.m.—Recordings
2 to 3 p.m.—Bride Party Hour
3 to 3:30 p.m.—Short story course, by Samuel B. Dickson
3:30 to 5:45 p.m.—Recordings
5:45 to 6 p.m.—Matthew W. Brady
6 to 6:15 p.m.—Recorded program
6:15 to 6:30 p.m.—Metro and Cosmo
6:30 to 7 p.m.—Recorded program
7 to 7:30 p.m.—George Taylor, Melvin, Leo and Frank
7:30 to 8:30 p.m.—The 1640 Boys, Tommy Monroe and Bob Allen
9:30 to 10 p.m.—George Nickson, Virginia Spencer, Greta Gahler, Freddie Howard and Dud Williamson
10 to 11 p.m.—Pacific Artists Trio with Nona Campbell, soloist
11 to 1 a.m.—Request recordings

209.7 Meters **KECA** **Channel 143**
1430 Kcys. **1000 Watts**

Earle C. Anthony, Inc., Los Angeles, Calif.
3 p.m.—Jackie Archer, "Drop a Line" program
3:15 p.m.—Aviation talk
3:30 p.m.—Lola, Angel of the Air
6:30 p.m.—Buster Wilson's orchestra, dance music
8 p.m.—Cliff Gunning, tenor
8:30 p.m.—Amos 'n' Andy, NBC
8:45 p.m.—Winnie Fields Moore, travelogue
10 p.m.—Ruff Klawans, sports talk, NBC
10:15 p.m.—Cotton Blossom Minstrels, NBC

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

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

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

7 to 8 a.m.—Eye Openers
8 to 8:30 a.m.—"Ye Towne Cryer"
8:30 to 9 a.m.—Dr. Forrester
9 to 9:30 a.m.—Morning Prayer Hour
9:30 to 10 a.m.—"Broadway Tunes"
10 to 10:30 a.m.—Household Hour with Alma LaMarr
10:30 to 11 a.m.—Dr. B. L. Corley
11 to 12 noon—Barney Lewis' Tabloid of the Air
12 to 1 p.m.—Sterling Cosmopolitans
1 to 1:30 p.m.—Chapel of Chimes
1:30 to 2:30 p.m.—Musical Appreciation Hour
2:30 to 3 p.m.—"Painting Pianistic Pictures in Blue"
3 to 3:30 p.m.—"Organ Echoes"
3:30 to 4 p.m.—"Broadway Tunes"
4 to 4:30 p.m.—Dr. Wade Forrester
4:30 to 5 p.m.—"Broadway Tunes"
5 to 6 p.m.—Brother Bob's Frolic Hour
6 to 6:30 p.m.—Sterling Cosmopolitans
6:30 to 7 p.m.—Chapel of Chimes
7 to 7:30 p.m.—"A Little Bit of This and a Little Bit of That"
7:30 to 8 p.m.—"Organ Echoes"
8 to 9 p.m.—"Cocoanuts" with Melody Makers, Lovey Wolfe, Henry Hammond, Herb Schavin
9 to 10 p.m.—"Hall of Music" with Melody Masters, Carl Tobin, Jane S. Sands
10 to 11 p.m.—Silver Slipper Hour with Joe Wright's orchestra
11 to 12 midnight—"Nite Owls" with Alice Blue, John Teall, Heinie Klotz
12 to 1 a.m.—"Slumber Chaser"

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

General Electric Co., Denver, Colorado
5:30 to 6 p.m.—Extension service, Colorado Agricultural College
6 to 6:30 p.m.—Halsey, Stuart program
6:30 to 7:30 p.m.—Palmolive Hour
8 to 8:30 p.m.—Studio features
8:30 to 8:45 p.m.—Amos 'n' Andy
8:45 to 9 p.m.—Billiken Shoemakers
9 to 9:30 p.m.—KOA concert orchestra
9:30 to 10 p.m.—Miniature Biographies
10 to 10:15 p.m.—Sports talk
10:15 to 11 p.m.—Cotton Blossom Minstrels

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

Northwest Radio Service Co., Seattle, Wash.
7 a.m.—Organ recital, Henri LeBel
8 a.m.—News and music
9:30 a.m.—Morning devotional services
10 a.m.—Elmore Vincent, Marjorie Robillard
12 noon—World in review
1 p.m.—Musical program
3 p.m.—Glen Eaton and Marjorie Robillard
5 p.m.—Dinner concert
5:30 p.m.—American Institute of Banking talk
6 p.m.—Hometowners' Orchestra; soloists
7 p.m.—Damski's Concert Orchestra; Agatha Turley, soprano; Jean Kantner, baritone; Ernest Gill, violin
8 p.m.—Spanish Knights, orchestra; Elmore Vincent, tenor; Ed Sheldon, mandolin
9 p.m.—Neapolitan's Orchestra; Jan Russell, violin; Agatha Turley, soprano; Jean Kantner, baritone
10 p.m.—Variety Hour; Captivators' Quartet; Ban & Jo; Stonewall Jackson; Glen Eaton, tenor; Elmore Vincent, tenor; Marjorie Robillard, piano
11 p.m.—Vie Meyer's Club Victor Orchestra

WEDNESDAY Programs

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

8 to 9 a.m.—Reveille
 9 to 9:30 a.m.—Let's Get Acquainted
 10:15 to 10:30 a.m.—Mary Hale Martin
 10:30 to 11:30 a.m.—Magazine of the Air
 11:30 to 12 noon—Philharmonic organ
 12 to 1 p.m.—Rembrandt Trio
 1 to 2 p.m.—Radio Guild
 2 to 2:15 p.m.—National Women's Party
 2:15 to 3 p.m.—Matinee Time
 3 to 3:30 p.m.—The Aeolians
 3:30 to 4 p.m.—Plantation Echoes
 4 to 4:30 p.m.—St. Francis Hotel orchestra
 4:30 to 5 p.m.—Westinghouse Salute
 5 to 5:30 p.m.—The Three Boys
 5:30 to 5:45 p.m.—News service
 5:45 to 6 p.m.—Agricultural program
 6 to 6:30 p.m.—Halsey Stuart program
 6:30 to 7:30 p.m.—Palmolive Hour
 7:30 to 8 p.m.—Floyd Gibbons
 8 to 8:30 p.m.—Parisian Quintet
 8:30 to 8:45 p.m.—Amos 'n' Andy
 8:45 to 9:15 p.m.—Sunkist Serenaders
 9:15 to 9:30 p.m.—Leonard & Hines
 9:30 to 10 p.m.—Miniature Biographies
 10 to 10:15 p.m.—Sports talk
 10:15 to 11 p.m.—The Cotton Blossom Minstrels
 11 to 12 midnight—St. Francis Hotel dance orchestra

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

4 to 6 p.m.—Radio varieties
 6 to 6:30 p.m.—Violet Ray dance orchestra
 6:30 to 7 p.m.—Harry Jackson's entertainers
 7 to 7:30 p.m.—507 Orchestra
 7:30 to 8 p.m.—Julius K. Johnston, organist
 8 to 8:30 p.m.—Fourth episode of "Who Is Marion?", a mystery serial by Johnston McCulley
 8:30 to 9:30 p.m.—Dance band and soloists
 9:30 to 10 p.m.—Ray Martinez and his concert orchestra; George Gramlich, tenor
 10 to 11 p.m.—George Olsen's orchestra
 11 to 12 midnight—Paul Howard's Blackbirds

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

1 to 1:30 p.m.—"Down Memory Lane"
 1:45 to 2 p.m.—Fur Facts
 2 to 2:15 p.m.—Nat'l Woman's Party, NBC
 2:15 to 3 p.m.—"With the Classics"
 3 to 3:30 p.m.—Album Symphonies
 3:30 to 4 p.m.—Paint o' Mine
 4 to 4:30 p.m.—Studies in waltz time
 4:30 to 5 p.m.—Westinghouse "Salutes," NBC
 5 to 6 p.m.—Happy Harmonies
 6 to 6:30 p.m.—Halsey Stuart, NBC
 6:30 to 7:30 p.m.—Palmolive Hour, NBC
 7:30 to 8 p.m.—Studio program
 8 to 8:30 p.m.—Jack and Ethyl
 8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
 8:45 to 9:15 p.m.—Sunkist Serenaders, NBC
 9:15 to 9:30 p.m.—Leonard & Hines, NBC
 9:30 to 10 p.m.—Veedol Vodvil
 10 to 10:15 p.m.—Sports talk, NBC
 10:15 to 11 p.m.—Cotton Blossom Minstrels, NBC
 11 to 12 midnight—Just Another Hour

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

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

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

1:30 to 2 p.m.—Charlie Wellman
 2 to 3 p.m.—Recordings
 3 to 3:30 p.m.—Talk on "Gardens"
 3:30 to 4 p.m.—"Book Reviews"
 4 to 4:50 p.m.—"Surprise Package"
 4:50 to 5 p.m.—World-wide news
 5 to 5:30 p.m.—General Mills, Inc., CBS
 5:30 to 6 p.m.—Sunset Ensemble
 6 to 6:30 p.m.—Organ recital, with singer
 6:30 to 7 p.m.—Chas. Hamp
 7 to 7:30 p.m.—Don Lee Symphony
 7:30 to 8 p.m.—"Mood Pictures"
 8 to 9 p.m.—Don Lee Symphony
 9 to 10 p.m.—M-G-M Movie Club
 10 to 10:05 p.m.—World-wide news
 10:05 to 12 midnight—Biltmore Hotel dance orch
 12 to 1 a.m.—Wesley Tourtellotte's organ recital

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

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

WEDNESDAY Programs

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

Seattle Broadcasting Co., Seattle, Wash.
3:30 to 4:30 p.m.—Ken, Maud and Ivan, and the Happy Hawaiian Trio
4:30 to 5 p.m.—Mr. Fixit and news items
5 to 6 p.m.—Service Hour
6 to 6:15 p.m.—Cecil and Sally
6:15 to 6:30 p.m.—Dinner Hour program
6:30 to 6:55 p.m.—Happy Hawaiians
6:55 to 7 p.m.—Stocks
7 to 8 p.m.—Catherine Sullivan, Mrs. Bernhardt Bronson, Peter Skrefstad, Leland Wissler
8 to 8:30 p.m.—Bridge game
8:30 to 9 p.m.—Wheeler's old time band
9 to 10 p.m.—Happiness Hour
10 to 11:15 p.m.—Everstate Dance Band
11:15 to 11:35 p.m.—Harold Chase
11:35 to 12:15 a.m.—Everstate Dance Band

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

Fisher's Blend Station, Inc., Seattle, Wash.
3 p.m.—NBC program
4 p.m.—Mining stock quotations
4:30 p.m.—Westinghouse Salute, NBC
5 p.m.—Stock, bond and grain quotations
5:15 p.m.—Artistic Ensemble with Agnes Skartvedt, contralto
6 p.m.—Halsey Stuart program, NBC
6:30 p.m.—Palmolive Hour, NBC
7:30 p.m.—Floyd Gibbons, NBC
8 p.m.—Jack and Ethyl, NBC
8:30 p.m.—Amos 'n' Andy, NBC
8:45 p.m.—Sunkist Serenaders, NBC
9:15 p.m.—Nunn, Bush & Weldon program
9:30 p.m.—Veedol Vodal
10 p.m.—Fisher's Blend Hour
11 p.m.—News flashes
11:15 p.m.—Laughner-Harris dance orchestra, NBC
12 to 12:30 a.m.—Theatre organ recital

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

Nichols & Warriner, Long Beach, Calif.
2:30 to 3 p.m.—Professor B Flat's Singing Birds
3 to 3:15 p.m.—Forgotten Faces
3:15 to 3:30 p.m.—Radio Calendar
3:30 to 3:45 p.m.—Cline Chittick
3:45 to 4 p.m.—Rev. Ethel Duncan
4 to 4:15 p.m.—Late news report
4:15 to 4:30 p.m.—Mart Dougherty
4:30 to 5 p.m.—Sunset Four
5 to 5:30 p.m.—Pacific Coast Seven
5:30 to 6 p.m.—Novelty trio
6 to 6:05 p.m.—Lost and found department
6:05 to 6:15 p.m.—Hollywood Girls
6:15 to 6:30 p.m.—Percy at the phone
6:30 to 6:45 p.m.—Sunset Harmony Boys
6:45 to 7 p.m.—Vest Pocket Minstrels
7 to 7:15 p.m.—Radio parade
7:15 to 7:30 p.m.—Buttercream School Kids
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 8:30 p.m.—Seth Parker's Singing School
8:30 to 9 p.m.—Goodyear Crooners
9 to 10 p.m.—An hour with the poets
10 to 10:30 p.m.—Three Bluebirds
10:30 to 11 p.m.—Over at Mart's house
11 to 11:30 p.m.—Silver Spray orchestra
11:30 to 12:30 a.m.—Organ recital
12:30 to 3 a.m.—The Knight Fox

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

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

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

Oakland Educational Society, Oakland, Cal.
1:30 to 2:30 p.m.—The Aeolian Trio; Jeanette Rauhut, violinist; Doris Eckler, cellist; Roslyn Rost, pianist
2:30 to 3 p.m.—Melody Boy, Walter McCoy; Luella Cooper, pianist
3 to 3:30 p.m.—Popular recordings
3:30 to 4 p.m.—The Happy Hayseeds: Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, "yodeling cowboy"
4 to 4:30 p.m.—The "Ne'er Do Well"
4:30 to 5 p.m.—Paul Heinsen, vocalist; Charlie Biuschke, pianist
5 to 6 p.m.—Harriett Pool, organist; Charlie of the "Squirrels"; Roberta MacRossi, vocalist; Dr. Wade Forrester, vocalist
7:30 to 8 p.m.—Doc Herrold's Shopping Hour
8 to 8:30 p.m.—Dr. Wade Forrester presenting Harmony and Health

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

Northwest Radio Serv. Co., Spokane, Wash.
8 a.m.—News and records
9 a.m.—Concert
10 a.m.—Popular program
11 a.m.—Program
12 noon—Grain news and music
1 p.m.—Master musicale
2 p.m.—Radio matinee
3 p.m.—Popular melange
3:30 p.m.—Tea Hour concert
4:30 p.m.—Uncle Andy
5 p.m.—World Bookman
6 p.m.—Orchestra; Glen Eaton, tenor; Marjorie Robillard, piano; Paul Karlisen, accordion
7 p.m.—Damski's concert; Agatha Turley, soprano; Jean Kantner, baritone
8 p.m.—Spanish Knights; Elmore Vincent, tenor; Ed Sheldon, mandolin
9 p.m.—Damski's Neapolitans; Agatha Turley, soprano; Jean Kantner, baritone
10 p.m.—Request program

“STENODE RADIOSTAT” IS ENGLAND’S SECRET

ENGLAND has made public at last its great radio secret—the radiostat, a device which is said to multiply the number of ether channels available for broadcasting from 500 to 1000 times.

The secret has greatly intrigued American radio engineers ever since it became known, last year, that British radio experts had something which would revolutionize the broadcast field. England at first refused to make public the nature of the device, but so much pressure was brought to bear that it was finally decided to let the world in on the secret.

Briefly the radiostat is a device which will receive from stations which are separated only 100 cycles apart. In the United States the stations are spaced 10,000 cycles, or ten kilocycles apart. If any closer, they heterodyne, producing an annoying whistle in the receivers. The new device is called the “stenode radiostat” from a Greek word which means “narrow path.”

In actual operation, the stenode or radiostat, whichever name is destined to become popular, is a magic box, inserted into a set, as far as can be learned here, directly behind the detector. It uses its own audio system, which in turn plugs into a dynamic speaker. An extra midget condenser with plates only half an inch wide is inserted in the circuit to accomplish the fine tuning necessary with the device.

The actual details of the device are not released owing to the fact that its owners are taking out world patents designed to protect their invention. The final reproduction, with an oscillator “broadcasting” almost on top of the received station, does not show, on test, any signs of interference. On an ordinary set, without the magic box, the result is a jumble of discordant noises.

The instrument is not a chance production, but is the invention of Dr. James Robinson, former chief of wireless research to the Royal Air Force. He is one of the eminent authorities of British radio work and his developments are highly regarded on both sides of the water. It is understood. The device, it is said, will eliminate all existing interferences between stations, will increase signaling speed, will reduce broadcasting costs, will permit the erection of scores more of stations, and will permit a multiplication of all forms of communication channels.

American engineers are on tip-toe to get their hands on the device. If it is what is

claimed for it in England, it will result in an entirely new type of receiving instrument design in this country, as scores of additional stations will probably be licensed, and in order to receive them without interference, the new stenode circuit will have to be used.

SMALL STATIONS TO BE SHOVED OVER

THE small stations of the country, now herded together at the bottom of the dial like a band of sheep, may be still further piled one on the other if a plan, now under contemplation by the Federal Radio Commission, and designed to clear ten more channels, is put into effect.

The plan is to relieve the troubles of four major stations—WBAL, Baltimore; WAPI, Birmingham; WOC, Davenport, and WTIC, Hartford, Conn., which need elbow room. With no possibility in sight of reducing the number of stations to give them this desired space, all that the commission can do is ask the rest to move over and make room.

A conference has been arranged by the technical and engineering experts of the commission to attempt this shift of the smaller stations. There is a growing tendency to reduce the present 10-kilocycle separation which exists between stations to a smaller figure, possibly 7.5 kilocycles. Sharply tuned transmitters and receivers enable this to be done. It will, however, be hard on the older type of receiving instruments which tuned broadly, for unless they have 10-kilocycle separation or less, they will run into much interference.

The separation between the cleared channels cannot be reduced, it is said, without impairing the services which these channels were created to give. It is the regional and local stations at the bottom of the dial that must suffer. It is believed that a number of the smaller stations, when thrust into the jam at the lower end of the scale, will cease operations, thereby somewhat lightening the load on the others and giving additional room for the higher powered units.

The commission will make a careful study of the new plan and may submit it to Congress for official approval as the only solution of the present station congestion.

THURSDAY Programs

NBC

National Broadcasting Company

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

English muffins will be discussed by Miss Crocker as she continues the broadcast of cooking lessons through KGO, KHQ, KOMO, KGW and KFI.

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

Little Bennie's inning comes today with the broadcast through NBC stations. On the air during the Impromptu Feature, Bennie's act brings the Magazine staff together for an informal broadcast following the California Home Catsup Feature when Ann Holden will talk of stuffed peppers.

Bennie Walker conducts the program and Joseph Hornik the Magazine Melodists. A coterie of NBC soloists also are scheduled for appearance.

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

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

Reviewing all of the important facts pointed out and illustrated in previous lessons on the characterization of music, the weekly Standard School Broadcasts will be released through KGO, KHQ, KOMO, KGW, KPO and KFI.

1 to 2 p.m.—U. S. Army Band

Captain William J. Stannard will direct the band in the concert, which will be released through KGO, KOMO and KGW.

2:30 to 3 p.m.—House of Myths

Peace reigns between Greeks and Trojans and between Helen and Menelaus in the "House of Myths" drama to be broadcast through KGO, KOMO and KGW.

3 to 3:30 p.m.—Black and Gold Room Orchestra

Musical gems from the semi-classic repertoire will be offered the NBC System audience by the Black and Gold Room Orchestra. Ludwig Laurier will conduct the program, which will be heard through KGO, KGW and KPO.

5 to 6 p.m.—Fleischmann Hour

Phil Cook in a two-part negro skit, "Easy to Play," heads the Fleischmann Hour broadcast with Rudy Vallee, the Connecticut Yankees and Cecil Burwell and Lester Banker, pianists, making up the surrounding bill.

Vallee will be heard crooning popular songs and directing the Connecticut Yankees and the team of Burwell and Banker will offer a two-piano number.

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

6 to 6:30 p.m.—Seiberling Singers

"Prelude in G Minor," one of the two most familiar preludes by Rachmaninoff, will be the first of three quartet selections to be heard when the Seiberling Singers broadcast tonight.

The quartet arrangement of this classic, originally composed for piano solo, was made by Frank Black, musical director. In between two quartet songs listeners will hear James Melton, tenor.

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

6:30 to 7 p.m.—Maxwell House Melodies

The Dixie Trio and an orchestra under David Mendoza's direction will be heard during the program, which comes from New York through KGO, KHQ, KOMO, KGW and KECA.

7 to 7:30 p.m.—RCA Victor Hour

The weekly RCA Victor Hour will be broad-

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

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

Spontaneous melody unsurpassed in music follows a stately introduction in Mozart's overture to his "Don Giovanni," the initial selection on the standard Symphony Hour program to be presented by Alfred Hertz and the San Francisco Symphony Orchestra over KGO, KHQ, KOMO, KGW and KFI.

8:30 to 8:45 p.m.—Amos 'N Andy

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

8:45 to 9 p.m.—Max Dolin and His Violin

Three violin solos will be played by Max Dolin for NBC System auditors when he presents his weekly 15-minute recital.

Broadcast through KGO and KECA.

9 to 9:30 p.m.—Memory Lane

The first "Memory Lane" continuity dealing with business, monkey and otherwise, is offered with "Pa" Smithers and Muriel La Salle mixing trial balances and scandal.

Abner Slocum causes trouble when he insists on a trial balance for the newly formed business in which "Pa" Smithers is involved. Muriel La Salle, recently returned to Goshen Center after a New York business course, offers to assist "Pa" in the taking of the trial balance, which results in a town scandal.

Clyde D. Empfield, Portland follower of "Memory Lane," wrote the scenario for this episode. H. C. Connette made the radio adaptation.

Billy Page will be heard again in the role of Billy Smithers, resourceful son of "Pa" Smithers. Bernice Berwin will enact the role of Muriel La Salle. Other familiar "Memory Lane" characters will be in evidence, including Eileen Piggott and Dick La Grand.

Broadcast through KGO, KOMO and KGW.

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

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

10 to 11 p.m.—National Concert Orchestra

Broadcast over KGO and KOA.

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

7 to 8 a.m.—Eye Openers

8 to 8:30 a.m.—"Masters Album"

8:30 to 9 a.m.—"Ye Towne Cryer"

9 to 9:30 a.m.—Morning Prayer Hour

9:30 to 10 a.m.—Dr. J. Douglas Thompson

10 to 10:30 a.m.—Household Hour with Alma LaMarr

10:30 to 11 a.m.—Dr. B. L. Corley

11 to 12 noon—Barney Lewis' Tabloid of the Air

12 to 1 p.m.—Sterling Cosmopolitans

1 to 1:30 p.m.—Chapel of Chimes

1:30 to 2 p.m.—"Fashionette," with Alma La-

Marr

2 to 2:30 p.m.—Joint recital with Joan Ray,

Jane S. Sands

2:30 to 4 p.m.—Symphony concert program

4 to 4:30 p.m.—Dr. Wade Forrester

4:30 to 5 p.m.—"Broadway Tunes"

5 to 6 p.m.—Brother Bob's Frolis Hour

6 to 6:30 p.m.—Sterling Cosmopolitans

6:30 to 7 p.m.—Chapel of Chimes

7 to 7:30 p.m.—Jazz versus Ballads, with Henry

Hammond, Lovey Wolfe

7:30 to 8:30 p.m.—Melody Masters, Maye Thomp-

son, Carl Tobin

8:30 to 10 p.m.—Ice hockey game

10 to 11 p.m.—Joe Wright's orchestra

11 to 12 midnight—"Melody Lane" with Melody

Masters, Joan Ray, Jane S. Sands

12 to 1 a.m.—"Slumber Chaser"

THURSDAY Programs

440.9 Meters Channel 68
680 Kcys. KPO 5000 Watts

Hale Bros. & The Chronicle, San Francisco

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

8 to 9 a.m.—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 to 11 a.m.—Magazine of the Air

11 to 11:45 a.m.—Standard School broadcast, NBC

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

12:05 to 12:30 p.m.—Floyd Wright, organist

12:30 to 1:30 p.m.—Shrine luncheon

1:30 to 1:50 p.m.—Ann Warner, home chat

1:50 to 2 p.m.—Stock reports

2 to 2:30 p.m.—Helpful Hints for Housewives

2:30 to 3 p.m.—Aeolian Trio

3 to 3:30 p.m.—Black and Gold Room Orchestra, NBC

4 to 4:50 p.m.—Thursday afternoon "Get Together"

4:50 to 5 p.m.—Stock reports

5 to 5:50 p.m.—Children's Hour

5:50 to 6 p.m.—Fed. Business Assoc. talk

6 to 7 p.m.—Reo Masters of Music

7 to 8 p.m.—North Americans

8 to 8:30 p.m.—Caswell musical episode

8:30 to 9 p.m.—KPO Salon Orchestra and the Corona Trio

9 to 9:10 p.m.—Cecil and Sally

9:10 to 9:30 p.m.—Science and Invention, talk

9:30 to 10 p.m.—Nathan Abas violin recital

10 to 11 p.m.—Salon Orchestra with California Crooners

11 to 12 midnight—Jess Norman's San Franciscans

508.2 Meters Channel 59
590 Kcys. KHQ 1000 Watts

Louis Wasmer, Inc., Spokane, Washington

2 to 3 p.m.—"With the Classics"

3 to 3:30 p.m.—Album Symphonies

3:30 to 4 p.m.—Paint o' Mine

4 to 5 p.m.—Happy Harmonies

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

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

6:30 to 7 p.m.—Maxwell House Melodies

7 to 7:30 p.m.—Victor Hour, NBC

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

8:30 to 8:45 p.m.—Amos 'n' Andy, NBC

8:45 to 9 p.m.—Sport news

9 to 9:30 p.m.—So-A-Tone broadcast

10 to 11 p.m.—Associated Brass Band

11 to 12 midnight—Just Another Hour

325.9 Meters Channel 92
920 Kcys. KVI 1000 Watts

Puget Sound Broadcast Co., Tacoma, Wash.

2 to 3 p.m.—Happy-Go-Lucky Hour, DLBS

3 to 3:30 p.m.—Hotel Shelton Orchestra, CBS

3:30 to 4 p.m.—Civic Repertory Theater, CBS

4 to 4:30 p.m.—Hotel Paramount Orch., CBS

4:30 to 5:06 p.m.—Bernhard Levitow's Commadore Ensemble, CBS

9 to 9:30 p.m.—Studio program

9:30 to 10 p.m.—Lights and Shadows, DLBS

10:10 to 11:10 p.m.—Val Valente's orchestra, DLBS

11:10 to 12 midnight—Anson Weeks' orchestra

340.7 Meters Channel 88
880 Kcys. KLX 500 Watts

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises and entertainment

7:35 a.m.—Opening N. Y. stocks

8 to 9 a.m.—Jean Kent

9 to 9:30 a.m.—Modern Homes period

9:30 to 10:15 a.m.—Health questions answered

10:15 to 10:30 a.m.—S. F. stocks and weather

10:30 to 11 a.m.—Recordings

11 to 12 noon—Classified adv hour

12 to 1 p.m.—Machado's KLX Hawaiians

1 to 2 p.m.—Jean's Hi-Lights

2 to 2:55 p.m.—Recordings

2:55 to 3 p.m.—Closing S. F. stocks

3 to 3:30 p.m.—Helen Parmelee, pianist

3:30 to 4:30 p.m.—Recordings

4:30 to 5 p.m.—Chas. T. Besserer, organist

5 to 5:30 p.m.—Brother Bob's Club

5:30 to 6 p.m.—Edgar Russell

6 to 7 p.m.—Hotel Oakland concert trio

7 to 7:30 p.m.—News items

7:30 to 8 p.m.—Ethel Rhinard, pianist, and Cora Scott, contralto

8 to 8:30 p.m.—Studio program

8:30 to 9 p.m.—"The Melody Man"

9 to 9:30 p.m.—Gospel hymns by J. Goodman, tenor, and Helen Parmelee, pianist

9:30 to 10:30 p.m.—Machado's KLX Hawaiians

10:30 to 12 midnight—Dance records

204 Meters Channel 147
1470 Kcys. KGA 5000 Watts

Northwest Radio Serv. Co., Spokane, Wash.

5 p.m.—World Bookman and music

6 p.m.—Melody Aces; Carrie Andrews; Paul Schedler

7 p.m.—Damski's Concert Orchestra; Agatha Turley, soprano; Sidney Dixon, tenor

8 p.m.—Studio program

9 p.m.—Orpheus Quintet; Betty Anderson, soprano; Jean Kantner, baritone

10 p.m.—Request program

309.1 Meters Channel 97
970 Kcys. KJR 5000 Watts

Northwest Radio Service Co., Seattle, Wash.

6 p.m.—Harmony Aces; Eulala Dean, blues; Glen Eaton, tenor; Zac Kalbach, saxophone

7 p.m.—Damski's Salon Orchestra; Agatha Turley, soprano; Sidney Dixon, tenor

8 p.m.—Blacks and Whites, piano duo

8:15 p.m.—Doré Sisters, novelty duo

8:45 p.m.—Blacks and White, piano duo

9 p.m.—Orpheus Quintet

10 p.m.—Agatha Turley, soprano; Sidney Dixon, tenor; Broadway Trio; Ellen Reep, contralto; Jean Kantner, baritone

11 p.m.—Vic Meyer's Club Victor Orchestra

315.6 Meters Channel 95
950 Kcys. KFVB 1000 Watts

Warner Brothers, Hollywood, California

4 to 6 p.m.—Radio varieties

6 to 6:30 p.m.—Violet Ray dance orchestra

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

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

7:30 to 8 p.m.—Ray Martinez's string quintet; Enma Kimmel, soprano

8 to 8:30 p.m.—Dance program

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

9 to 10 p.m.—Ice hockey game, California League

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

10:30 to 11:30 p.m.—Paul Howard's Blackbirds

THURSDAY Programs

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

Don Lee, Inc., San Francisco, Calif.

7 to 7:30 a.m.—"Simpv Fitts"; stocks
7:30 to 8 a.m.—"Simpv Fitts" and "Pedro"
8 to 8:30 a.m.—Bill Wright, "The Laughfinder"
8:30 to 8:45 a.m.—Recordings
8:45 to 9:30 a.m.—Columbia Noontday Club, CBS
9:30 to 10:30 a.m.—Feminine Fancies, DLBS
10:30 to 11 a.m.—Wyn's daily chats
11 to 11:30 a.m.—Charles W. Hamp for S. & W.
11:30 to 12 noon—Auditions
12 to 1 p.m.—Sherman & Clay noontday concert
1 to 1:30 p.m.—Rhythm Kings, CBS
1:30 to 2 p.m.—Curtain Calls, CBS
2 to 3 p.m.—Happy-Go-Lucky Hour
3 to 3:15 p.m.—Talk on Popular Psychology, DLBS
3:15 to 3:30 p.m.—Beauty talks
3:30 to 4 p.m.—Civic repertory plays, CBS
4 to 4:50 p.m.—Melody Masters, DLBS
4:50 to 5 p.m.—Recordings and town topics
5 to 5:30 p.m.—Hank Howe and his music, DLBS
5:30 to 6 p.m.—Edna Fischer, pianist
6 to 6:30 p.m.—Organ recital, Wesley Tourtelotte, DLBS
6:30 to 7 p.m.—Walter Krausgrill's El Patio Orchestra
7 to 7:30 p.m.—Philco Hour, CBS
7:30 to 8 p.m.—"Songology," DLBS
8 to 9 p.m.—Merrymakers, DLBS
9 to 9:30 p.m.—Veedol Vodvil, DLBS
9:30 to 10 p.m.—American Maize Products Company
10 to 10:10 p.m.—"Frank Watanabe"
10:10 to 11:10 p.m.—Val Valente's orchestra, Cotton Bond, soloist
11:10 to 12:10 a.m.—Hotel Mark Hopkins orchestra
12:10 to 1 a.m.—Dance music

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

Nichols & Warriner, Long Beach, Calif.

12 to 1 p.m.—Novelty trio
1 to 1:30 p.m.—"Health and Efficiency"
1:30 to 1:50 p.m.—Mart and Heini
1:50 to 2:20 p.m.—Dr. Harbottle; Tom Mitchell
2:20 to 2:30 p.m.—Steinway Duo-Art
2:30 to 3 p.m.—Professor B Flat's Singing Birds
3 to 3:15 p.m.—Forgotten Faces
3:15 to 3:30 p.m.—Daily calendar
3:30 to 3:45 p.m.—Polly Ann
3:45 to 4 p.m.—Rev. Ethel Duncan
4 to 4:15 p.m.—Late news report
4:15 to 4:30 p.m.—Mart Dougherty
4:30 to 5 p.m.—Sunset Four
5 to 5:30 p.m.—Pacific Coast Seven
5:30 to 6 p.m.—Hollywood Girls
6 to 6:05 p.m.—Lost and found department
6:05 to 6:15 p.m.—Hollywood Girls
6:15 to 6:30 p.m.—Percy at the phone
6:30 to 6:45 p.m.—Sunset Harmony Boys
6:45 to 7 p.m.—Vest Pocket Minstrels
7 to 7:15 p.m.—Radio parade
7:15 to 7:30 p.m.—Buttercream School Kids
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 9 p.m.—Goodyear Crooners
9 to 10 p.m.—Imperial Concert Orchestra
10 to 10:30 a.m.—Rev. Ethel Duncan
10:30 to 11 p.m.—Over at Mart's house
11 to 11:30 p.m.—Silver Spray Orchestra
11:30 to 12:30 a.m.—Organ recital
12:30 to 3 a.m.—The Knight Fox

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

Oakland Educational Society, Oakland, Cal.

8 to 8:30 a.m.—Popular recordings and announcements
8:30 to 9 a.m.—Dr. Wade Forrester answering health questions
11 to 12 noon—Cy Perkins Kountry Stoar
1:30 to 2 p.m.—United Grocers' program
2 to 2:30 p.m.—Vocal solos and duets by Beth and Mildred
2:30 to 3 p.m.—David Wollner, violinist; Harriett Pool, organist
3 to 3:30 p.m.—Popular recordings
3:30 to 4 p.m.—Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, "yodeling cowboy"
4 to 4:30 p.m.—The "Ne'er Do Well"
4:30 to 5 p.m.—Melody Boy, Walter McCoy; Luella Cooper, pianist
5 to 6 p.m.—Harriett Pool, organist; Charlie of the "Squirrels"; Roberta MacRossi, vocalist; Dr. Wade Forrester, vocalist
7:30 to 8 p.m.—Doc Herrold's Shopping Hour
8 to 9 p.m.—Bible drama; musical selections
9 to 10 p.m.—Louie Margie's stringed trio
10 to 10:05 p.m.—Union Mutual Life program
10:05 to 11 p.m.—Tontjan's Variety program

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

Radio Entertainments, San Francisco, Calif.

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

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

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

6:45 to 8 a.m.—"Pep and vigor" exercises
8 to 8:15 a.m.—Record program
8:30 to 8:55 a.m.—Courtesy program
9 to 9:30 a.m.—Georgia O. George
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's message
10:30 to 11 a.m.—Home Economics
11 to 12 noon—Forrest Stove Works presenting Country Jane
12 to 12:30 p.m.—KNX String Ensemble
1 to 1:30 p.m.—French lessons by Edgard Leon
1:30 to 2 p.m.—Reading interesting books
2 to 2:30 p.m.—Records and announcements
2:30 to 3 p.m.—French lessons by Edgard Leon
3 to 3:30 p.m.—Organ program
3:30 to 4 p.m.—Louise Johnson, astroanalyst
4 to 4:30 p.m.—Bundy & Albright program
4:30 to 5 p.m.—C. F. R.'s musical program
5 to 5:15 p.m.—Travelogue
5:15 to 5:45 p.m.—Ken's Kiddie Hour
5:45 to 6 p.m.—Timely amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX String Ensemble
7 to 7:30 p.m.—Courtesy program
7:30 to 8 p.m.—KNX feature program
8 to 10 p.m.—Program presenting KNX artists
10 to 12 midnight—Hotel Ambassador orchestra
12 to 1 a.m.—Dorado Club dance hour

THURSDAY Programs

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

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

12:35 p.m.—Orchestra; G. Donald Gray and VeOna Socolofsky

1 p.m.—United States Army Band, NBC

2 p.m.—Orchestra with Perdin Korsmo, tenor

2:30 p.m.—House of Myths, NBC

3 p.m.—Orchestra; Agnes Skartvedt, contralto

4 p.m.—Mining stock quotations

4:15 p.m.—Kiddies' program

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

5 p.m.—Fleischmann Sunshine Hour, NBC

6 p.m.—Seiberling Singers, NBC

6:30 p.m.—Maxwell House Melodies, NBC

7 p.m.—Victor-Radio program, NBC

7:30 p.m.—Standard Symphony Hour, NBC

8:30 p.m.—Amos 'n' Andy, NBC

8:45 p.m.—Max Dolin and his violin

9 p.m.—Memory Lane, NBC

9:30 p.m.—The Olympians, NBC

9:45 p.m.—News flashes

10 p.m.—Associated Dance Hour

11 p.m.—Laughner-Harris dance orchestra, NBC

12 to 12:30 a.m.—Organ recital by Betty Shilton

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

General Electric Co., Denver, Colorado

5 to 6 p.m.—Fleischmann Hour

6 to 6:30 p.m.—Seiberling Singers

6:30 to 7 p.m.—Maxwell House Melodies

7 to 8 p.m.—Victor program

8 to 8:30 p.m.—Black Fear

8:30 to 8:45 p.m.—Amos 'n' Andy

8:45 to 9 p.m.—Park Lane Hotel mixed quartet

9 to 9:30 p.m.—The Black Fear

9:30 to 10 p.m.—The Olympians

10 to 11 p.m.—National Concert Orchestra

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

Radio Service Corp., Salt Lake City, Utah

5 p.m.—Rudy Vallee and his Connecticut Yankees, NBC

6 p.m.—Vico Light Opera Company

7 p.m.—Victor Radio program, NBC

8 p.m.—Musical ensemble

8:30 p.m.—Amos 'n' Andy, NBC

9 p.m.—Musical varieties

9:30 p.m.—"Blue Blaze Miners"

10 p.m.—Milt Taggart's Odeon Orchestra

11 to 12 midnight—Request Hour

209.7 Meters **KECA** **Channel 143**
1430 Kcys. **1000 Watts**

Earle C. Anthony, Inc., Los Angeles, Calif.

3 p.m.—Jackie Archer, "Drop a Line" program

3:30 p.m.—Lola, Angel of the Air

5 p.m.—Fleischmann Sunshine Hour, NBC

6 p.m.—Buster Wilson's orchestra, dance music

6:30 p.m.—Maxwell Hour Melodies, NBC

7 p.m.—Wedgwood Nowell Playgoers' Memories

8 p.m.—Gene Johnson's trio

8:30 p.m.—Amos 'n' Andy, NBC

8:45 p.m.—Max Dolin and his violin, NBC

9 p.m.—Memory Lane, NBC

9:30 p.m.—Eddie Armstrong, ballads

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

Seattle Broadcasting Co., Seattle, Wash.

12 to 12:30 p.m.—Popular program

12:30 to 1:30 p.m.—Shrine luncheon

1:30 to 2:30 p.m.—Popular melodies

3:30 to 4:30 p.m.—Ken, Maud and Ivan, and the

Happy Hawaiian Trio

4:30 to 5 p.m.—Mr. Fixit and news items

5 to 6 p.m.—Service Hour

6 to 6:15 p.m.—Cecil and Sally

6:15 to 6:30 p.m.—Dinner Hour program

6:30 to 6:55 p.m.—Ranch Dance Band

6:55 to 7 p.m.—Stocks

7 to 8 p.m.—Robert Dawson; Donald Ballan-

tyne; Wm. Lees; Madge Thorstenson

8 to 8:30 p.m.—Happy Hawaiians; Pinkerton

Day; Ward Ireland; Vivian and Fern

8:30 to 10:30 p.m.—Ice hockey, Seattle vs. Port-

land

10:30 to 12 midnight—Guy Olsen's music

218.8 Meters **KIT** **Channel 137**
1370 Kcys **50 Watts**

Valley Broadcasters, Inc., Yakima, Wash.

12 noon—"Just Around the Corner"

4 p.m.—Edison program

4:30 p.m.—Book Review

5 p.m.—Tea Hour Concert

6 p.m.—"The World Book Man"

6:45 p.m.—Tsvrell's Firestone program

7 p.m.—Boy and Girl Friend

8 p.m.—Y. M. C. A. program

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

The Morning Oregonian, Portland, Oregon

1 to 2 p.m.—U. S. Army Band, NBC

2 to 2:15 p.m.—U. S. market report

2:15 to 2:30 p.m.—Studio records

2:30 to 3 p.m.—House of Myths, NBC

3 to 3:30 p.m.—Black and Gold orchestra, NBC

3:30 to 4:30 p.m.—Stewart Warner program

4:30 to 5 p.m.—Service Hour

5 to 6 p.m.—Fleischmann, NBC

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

6:30 to 7 p.m.—Maxwell House Melodies, NBC

7 to 7:30 p.m.—Radio Victor, NBC

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

NBC

8:30 to 8:45 p.m.—Amos 'n' Andy, NBC

8:45 to 9 p.m.—"Book Chat"

9 to 9:30 p.m.—Memory Lane program, NBC

9:30 to 9:45 p.m.—"Luke's" Flower Girls

9:45 to 10 p.m.—Bayer Chemical Co.

10 to 11 p.m.—Brass band from KOMO

11 to 12 midnight—Organ recital

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

Don Lee, Inc., Los Angeles, California

12:45 to 1:30 p.m.—Organ recital

1:30 to 2 p.m.—Charlie Wellman

2 to 3 p.m.—Recordings

3 to 3:15 p.m.—Talk on books

3:15 to 3:30 p.m.—U. S. C. Trojan period

3:30 to 4 p.m.—Civic Repertory Theatre, CBS

4 to 4:50 p.m.—Matinee Melody Masters, DLBS

4:50 to 5 p.m.—World-wide news

5 to 5:15 p.m.—Dance band

5:15 to 5:30 p.m.—Talk on national politics, CBS

5:30 to 5:45 p.m.—Dance band

5:45 to 6 p.m.—Coast Investor, talk

6 to 7 p.m.—Organ recital, with singer

7 to 7:30 p.m.—Philco Hour, CBS

7:30 to 8 p.m.—Sierra Symphonists

8 to 9 p.m.—The Merry-makers, DLBS

9 to 10 p.m.—Don Lee Symphony

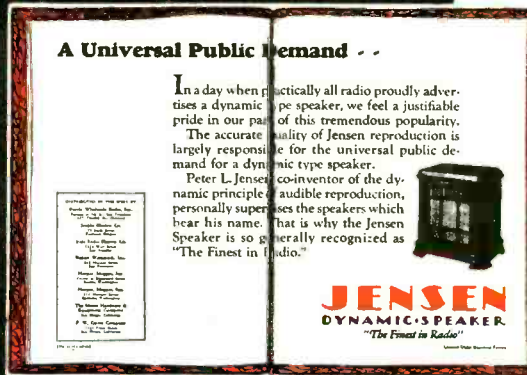
10 to 10:05 p.m.—World-wide news

10:05 to 12 midnight—Biltmore Hotel dance orch

12 to 1 a.m.—Wesley Tourtellotte's organ recital

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FRIDAY Programs

NBC

National Broadcasting Company

- 10 to 10:15 a.m.—Du Barry Radio Program
Doris Hale will reveal the secret of make-up to her feminine auditors in her talk today. Miss Hale will point out the fact that a natural effect is most to be desired in applying cosmetics to the skin.
Broadcast through KGO, KHQ, KOMO, KGW, KFI and KSL.
- 10:30 to 11:30 a.m.—“Woman's Magazine of the Air”
A recipe for the preparation of “Egg Plant to Tempt” and a chat about candy making, coupled with the appearance again of the M. J. B. Chef, are promised during today's broadcast. Ann Holden offers both talks during the Kraft and Alpine features of the Magazine. Bennie Walker, editor, will conduct the broadcast and Joseph Hornik is programmed to conduct the Magazine Melodists.
Broadcast through KGO, KGW, KPO and KFI; KHQ and KOMO from 10:30 to 11:10 o'clock only.
- 1 to 2 p.m.—Pacific Feature Hour
Max Dolin is the director of the orchestra, which numbers 32 men. Compositions by Hadley, Gounod, Hubal, Liszt, Berlioz, Lacomme, Tchaikowsky, Waldteufel and Haydn are on today's program.
Broadcast through KGO and KOMO.
- 3:30 to 4 p.m.—What's Happening in the World
John D. Barry's discussion of current news events and interesting personalities will be heard through KGO, KOMO and KGW.
- 5 to 6 p.m.—Cities Service Concert Orchestra and the Cavaliers
When the Cities Service Concert Orchestra plays today at the opening of the program, it will be heard offering a march by its director, Rosario Bourdon.
There will be 16 numbers played and sung during the course of the hour, with Jessica Dragonette, soprano, contributing two solos. The Cavaliers are spotted for two numbers, along with two ensemble offerings. A piano duet with orchestra consisting of a medley of popular tunes will feature Milton Rettenberg and Frank Banta.
Broadcast over KGO, KHQ, KOMO, KGW, and KECA.
- 6 to 6:30 p.m.—Interwoven Pair, Billy Jones and Ernie Hare.
“Wise cracks” as well as songs will fall from the lips of these two comedians, who will be backed up by an orchestral program.
Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 6:30 to 7 p.m.—Armour Program
A 30-piece concert orchestra conducted by Joseph Koestner and a mixed chorus will be heard during this presentation, which will be released through KGO, KHQ, KOMO, KGW and KFI.
- 7 to 7:30 p.m.—Armstrong Quakers
Favorite entertainers in the ranks of the Armstrong Quakers to assemble for the musical broadcast include Lois Bennett, soprano, Mary Hopple, contralto, a male quartet and an orchestra under the direction of Victor Arden.
Broadcast through KGO, KHQ, KOMO, KGW and KFI.

- 8 to 8:30 p.m.—Footlights
Soloists in the National Theatre of the Air, which is the setting of this presentation, will be Gail Taylor, soprano, and Gwynfi Jones, tenor. Max Dolin will conduct the orchestra.
Broadcast through KGO, KHQ and KECA.
- 8:30 to 8:45 p.m.—Amos 'N Andy
Broadcast over KGO, KHQ, KGW, KOMO, and KECA.
- 8:45 to 9 p.m.—John and Ned
Singing popular songs and engaging in good-natured banter, John and Ned will step before the microphone tonight. “Little Mary,” the young friend who regularly visits John and Ned during their broadcasts, will contribute to the humor of the dialogue.
Broadcast through KGO, KHQ, KOMO, KGW and KECA.
- 9 to 9:30 p.m.—Piano Pictures, KGO
9:30 to 10 p.m.—NBC Green Room
The NBC Green Room will cast its melodic spell over Harry Stanton, bass, and the Arion Trio and will bring forth the best these musicians have to offer.
Broadcast through KGO and KOA.
- 10 to 10:30 p.m.—“In the Parlor”
With the Updikes' front room as the scene of another old-fashioned party. Ben McLaughlin and Bobbe Deane enact the roles of host and hostess at these affairs, during which the guests contribute songs and instrumental numbers in vogue in the last decade of the nineteenth century.
Broadcast through KGO, KHQ, KOMO, KECA and KOA.
- 10:30 to 11 p.m.—Pacific Nomads
Lucile Kirtley, soprano, and Charles Hart, pianist, have been designated to contribute as soloists to the 30-minute musicale by the Pacific Nomads over KGO, KHQ, KOMO and KOA.
- 11 to 12 p.m.—Laughner-Harris Hotel St. Francis Dance Orchestra, KGO and KOMO (11:15 to 12 p.m.)

468.5 Meters
640 Kcys.

KFI

Channel 64
5000 Watts

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

- 7 a.m.—“Making Merry with Sperry”
7:30 a.m.—Opening market quotations
10 a.m.—Du Barry Radio talks, NBC
10:30 a.m.—Woman's Magazine, NBC
12 noon—U. S. Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
12:25 p.m.—Franklin L. Graves, talk
2:15 p.m.—Winnie Fields Moore, travelogue
3:30 p.m.—Tea Time tales
4:30 p.m.—Big Brother
5 p.m.—Baron Keyes, “The Story Man”
5:30 p.m.—E. H. Rust, nurseryman
5:45 p.m.—Stock market reports
6 p.m.—Interwoven Pair, NBC
6:30 p.m.—The Armour Hour, NBC
7 p.m.—Armstrong Quakers, NBC
7:30 p.m.—Paul Roberts & Schonberg Trio
10 p.m.—Packard concert orchestra
11 p.m.—KFI news bureau

209.7 Meters
1430 Kcys.

KECA

Channel 143
1000 Watts

- Earle C. Anthony, Inc., Los Angeles, Calif.
3 p.m.—Jackie Archer, “Drop a Line” program
3:30 p.m.—Lola, Angel of the Air
5 p.m.—Cities Service Hour, NBC
6 p.m.—Buster Wilson's orchestra, dance music
7:30 p.m.—Kealoha Trio
8 p.m.—Footlights, NBC
8:30 p.m.—Amos 'n' Andy, NBC
8:45 p.m.—Union Oil Co., NBC
9:30 p.m.—Vebe Wood, blues

FRIDAY Programs

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

Tribune Publishing Co., Oakland, Calif.

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

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

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

- 6:55 a.m.—Inspirational services
- 7 a.m.—Making Merry with Sperry
- 8 a.m.—Shell Happy Time
- 9 a.m.—Y. M. C. A. health exercises
- 9:15 a.m.—Organ recital
- 10 a.m.—Dubarry Radio talk, NBC
- 10:15 a.m.—VeOna Socolofsky and G. Donald Gray
- 10:30 a.m.—Woman's Magazine of the Air, NBC
- 11:10 a.m.—Orchestra; Fred Lynch, tenor
- 12 noon—Dairymen and poultrymen
- 12:15 p.m.—"What to Prepare for Dinner"
- 12:30 p.m.—Grain, fruit and vegetable reports
- 12:35 p.m.—Orchestra; Agnes Skartvedt, contralto
- 1 p.m.—Pacific Feature Hour, NBC
- 2 p.m.—Orchestra; Greenwood Mitchell, baritone
- 3:30 p.m.—What's Happening in the World
- 4 p.m.—Mining stock quotations
- 4:15 p.m.—Stock, bond and grain quotations
- 4:30 p.m.—Vocal ensemble recital
- 5 p.m.—Cities Service Co., NBC
- 6 p.m.—Interwoven Pair, NBC
- 6:30 p.m.—The Armour Hour, NBC
- 7 p.m.—Armstrong Quakers, NBC
- 7:30 p.m.—Artistic Ensemble; Marye Burns, coloratura
- 8:30 p.m.—Amos 'n' Andy, NBC
- 8:45 p.m.—Union Oil Co. program, NBC
- 9 p.m.—Mozart Concert Hour
- 10 p.m.—"In the Parlor"
- 10:30 p.m.—Pacific Nomads, NBC
- 11 p.m.—Laughner-Harris dance orchestra, NBC
- 12 to 12:30 a.m.—Organ recital by Betty Shilton

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

Don Lee, Inc., San Francisco, Calif.

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

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

Don Lee, Inc., Los Angeles, California

- 1:30 to 2 p.m.—Charlie Wellman
- 2 to 3 p.m.—Recordings
- 3:15 to 3:30 p.m.—Dr. Herzog's school program
- 3:30 to 4 p.m.—Council of international relations
- 4 to 4:50 p.m.—Matinee Melody Masters
- 4:50 to 5 p.m.—World-wide news
- 5 to 5:30 p.m.—Sunset Ensemble
- 5:30 to 6 p.m.—Dance band
- 6 to 6:30 p.m.—Organ recital, with singer
- 6:30 to 7 p.m.—Chas. Hamp
- 7 to 7:30 p.m.—"Ballad Crooners"
- 7:30 to 8 p.m.—Desmond's light opera program
- 8 to 8:30 p.m.—Brown Shoe program
- 8:30 to 9 p.m.—Orchestra with singers
- 9 to 10 p.m.—True Story Hour, CBS
- 10 to 10:05 p.m.—World-wide news
- 10:05 to 12 midnight—Biltmore Hotel dance orch
- 12 to 1 a.m.—Wesley Tourtellotte's organ recital

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

Puget Sound Broadcast Co., Tacoma, Wash.

- 1 to 2 p.m.—U. S. Navy Band, CBS
- 2 to 3 p.m.—Happy-Go-Lucky Hour, DLBS
- 3 to 3:30 p.m.—Studio program
- 3:30 to 4 p.m.—Yoeng's orchestra, CBS
- 4 to 4:30 p.m.—Hotel Paramount orchestra, CBS
- 4:30 to 5:07 p.m.—Studio program
- 9 to 10 p.m.—True Story Hour, CBS
- 10 to 11 p.m.—The Serenaders
- 11 to 12 midnight—Val Valente's orchestra, DLBS

FRIDAY Programs

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

General Electric Co., Oakland, California

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

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

Radio Service Corp., Salt Lake City, Utah

5 p.m.—"Cities Service," NBC
6 p.m.—Interwoven Pair, NBC
6:30 p.m.—Armour Ensembles, NBC
7 p.m.—Armstrong Quakers, NBC
7:30 p.m.—Studio program
8 p.m.—Musical moments
8:30 p.m.—Amos 'n' Andy, NBC
9 p.m.—Brunswick Brevities
10 p.m.—Radio-Keith-Orpheum frolic
11 to 12 midnight—Request Hour

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

Seattle Broadcasting Co., Seattle, Wash.

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

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

Pacific Broadcasting Corp., San Francisco

9 to 9:30 a.m.—Recordings
9:30 to 10 a.m.—Recorded program
10 to 10:30 a.m.—Cooking, by Belle de Graf
10:30 to 11 a.m.—Recordings
11 to 12 noon—California Sunshine Hour
12 to 12:15 p.m.—Newscasting
12:15 to 1 p.m.—Popular recordings
1 to 2 p.m.—Classical recordings
2 to 3 p.m.—Bridge Party Hour
3 to 3:30 p.m.—Cabbages and Kings
3:30 to 6:15 p.m.—Recordings
6:15 to 6:30 p.m.—Metro and Cosmo
6:30 to 7 p.m.—Recorded program
7 to 7:30 p.m.—George Taylor, Melvin, Leo and Frank
7:30 to 8 p.m.—The 1640 Boys, Tommy Monroe and Bob Allen
8 to 9 p.m.—Calendar of the Air
9 to 9:30 p.m.—George Nickson, Mary Atkinson,
9:30 to 10:30 p.m.—Pacific Artists Trio with George Nickson, soloist
10:30 to 11 p.m.—Recordings
11 to 12 midnight—Request program
12 to 1 a.m.—Dance recordings

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

Northwest Radio Serv. Co., Spokane, Wash.

2 p.m.—Radio matinee
3 p.m.—Popular potpourri
3:30 p.m.—Tea Hour concert
4:30 p.m.—Uncle Andy
5 p.m.—World Bookman and music
6 p.m.—Hometowners' Orchestra; Marjorie Robillard, piano; Glen Eaton, tenor
7 p.m.—Studio program
9 p.m.—Damski's Neapolitans
10 p.m.—Request program

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

The Morning Oregonian, Portland, Oregon

2:30 to 3:30 p.m.—Musical Musketeers, NBC
3:30 to 4 p.m.—What's Happening, NBC
4 to 4:30 p.m.—Stewart Warner program
4:30 to 5 p.m.—Service Hour
5 to 6 p.m.—Cities Service program, NBC
6 to 6:30 p.m.—Interwoven Stocking, NBC
6:30 to 7 p.m.—Armour program, NBC
7 to 7:30 p.m.—Armstrong Quakers
7:30 to 8:30 p.m.—Studio program
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
8:45 to 9 p.m.—John and Ned, NBC
9 to 10 p.m.—Studio program
10 to 10:30 p.m.—Chas. F. Berg program
10:30 to 12 midnight—Hoot Owls

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

Northwest Radio Service Co., Seattle, Wash.

7 p.m.—Northwest Salon Orchestra; Agatha Turley, soprano; Sidney Dixon, tenor; Jan Naylor, cello; Ernest Gill, violin
8 p.m.—Gold & Silver Ensemble; Ed Sheldon, mandolin; J. E. Drain, speaker; Elmore Vincent, tenor
9 p.m.—Jewel Box, program
9:30 p.m.—Neapolitan's Orchestra; Agatha Turley, soprano; Sidney Dixon, tenor
10 p.m.—Glen Eaton, tenor, and Marjorie Robillard, piano
10:15 p.m.—Trickey Trio; Elmore Vincent, tenor; Eulala Dean, blues
11 p.m.—Vic Meyer's Club Victor Orchestra

FRIDAY Programs

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

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

1:30 to 2 p.m.—Reading interesting books
2 to 2:30 p.m.—Records and announcements
3 to 3:10 p.m.—Joyce Coad, little movie star
3:15 to 3:30 p.m.—Recordings
3:30 to 4 p.m.—Women's Clubs' program
4:30 to 5 p.m.—C. P. R.'s musical program
5 to 5:15 p.m.—Travelogue
5:15 to 5:45 p.m.—Ken's Kiddie Hour
5:45 to 6 p.m.—Timely amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX String Ensemble
7:30 to 8 p.m.—Fidelity Sav. and Loan Ass'n program
8 to 9 p.m.—Royal Order of Optimistic Do-Nuts
9 to 9:45 p.m.—The "Lion Tamers" program
9:45 p.m.—Main event from the Hollywood Legion Stadium
10 to 12 midnight—Hotel Ambassador orchestra
12 to 1 a.m.—Dorado Club dance hour

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

Louis Wasmer, Inc., Spokane, Washington

1 to 1:30 p.m.—"Down Memory Lane"
1:30 to 1:45 p.m.—Studio doings
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—Gems from Sartori
3 to 3:30 p.m.—Album Symphonies
3:30 to 4 p.m.—"Paint o' Mine" period
4 to 5 p.m.—Happy Harmonies
5 to 6 p.m.—Cities Service Hour, NBC
6 to 6:30 p.m.—Interwoven Pair, NBC
6:30 to 7 p.m.—Armour program, NBC
7 to 7:30 p.m.—Armstrong Quakers, NBC
7:30 to 8 p.m.—Club Richman Orchestra, NBC
8 to 8:30 p.m.—Footlights, NBC
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
8:45 to 9 p.m.—John and Ned, NBC
9 to 9:30 p.m.—Sports editor
9:30 to 10 p.m.—Sparkling melodies
10 to 10:30 p.m.—In the Parlor, NBC
10:30 to 11 p.m.—Pacific Nomads, NBC
11 to 12 midnight—Just Another Hour

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

Nichols & Warriner, Long Beach, Calif.

3 to 3:15 p.m.—Forgotten Faces
3:15 to 3:30 p.m.—Daily calendar
3:30 to 3:45 p.m.—Cline Chittick
3:45 to 4 p.m.—Rev. Ethel Duncan
4 to 4:15 p.m.—Late news report
4:15 to 5 p.m.—Crystal Roof Orchestra
5 to 5:30 p.m.—Pacific Coast Seven
5:30 to 6 p.m.—Hollywood Girls
6 to 6:05 p.m.—Lost and found dept
6:05 to 6:15 p.m.—Hollywood Girls
6:15 to 6:30 p.m.—Percy at the phone
6:30 to 6:45 p.m.—Sunset Harmony Boys
6:45 to 7 p.m.—Vest Pocket Minstrels
7 to 7:15 p.m.—Radio parade
7:15 to 7:30 p.m.—Buttercream School Kids
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 9 p.m.—Steinway Hour
9 to 10 p.m.—Zandra's Mystic Hour
10 to 10:30 p.m.—The Two Cronies
10:30 to 11 p.m.—Over at Mart's house
11 to 11:30 p.m.—Silver Spray Orchestra
11:30 to 12:30 p.m.—Organ recital
12:30 to 3 a.m.—The Knight Fox

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

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

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

1:30 to 2:30 p.m.—Musical program
2:30 to 3 p.m.—Melody Boy, Walter McCoy; Luella Cooper, pianist
3 to 3:30 p.m.—Popular recordings
3:30 to 4 p.m.—Fred Laam, banjoist; Ivan Laam, violinist; Bill Simmons, "yodeling cowboy"
4 to 4:30 p.m.—The "Ne'er Do Well"
4:30 to 5 p.m.—Paul Heinsen, vocalist; Charlie Bluschke, pianist
5 to 6 p.m.—Harriett Pool, organist; Charlie of the "Squirrels"; Roberta MacRossi, vocalist; Dr. Wade Forrester, vocalist
7:30 to 8 p.m.—Doc Herrold's Shopping Hour
8 to 8:30 p.m.—Wm. Nat Friend in "Romance of Oakland"

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

8 to 8:30 a.m.—Betty Silberman's organist
8:30 to 10 a.m.—Radio varieties
10 to 10:30 a.m.—Prudence Penny
10:30 to 11:30 a.m.—Radio varieties
11:30 to 12 noon—Quintet and soloists
12 to 12:10 p.m.—Ceil and Sally
12:10 to 12:30 p.m.—Quintet and soloists
12:30 to 1:15 p.m.—Radio varieties
1:15 to 1:45 p.m.—Paul Howard's Blackbirds
1:45 to 2 p.m.—Radio varieties
4 to 6 p.m.—Radio varieties
6 to 6:30 p.m.—Violet Ray dance orchestra
6:30 to 7 p.m.—Harry Jackson's entertainers
7 to 7:30 p.m.—Henry Starr's trio
7:30 to 8 p.m.—"Lightning Traveler," a comedy presented by Edward Murphey
8 to 8:30 p.m.—Jimmie Mack, "The Jokester," and his Musical Jesters
8:30 to 9 p.m.—507 Orchestra
9 to 9:30 p.m.—Sports interview
9:30 to 10 p.m.—Concert orchestra and soloists
10 to 11 p.m.—George Olsen's orchestra
11 to 12 midnight—Paul Howard's Blackbirds
12 to 12:40 a.m.—Julius K. Johnston, organist

Schedules of Distant Stations

All Times Shown Are P. M. Pacific Standard Time

Call—Kc—City	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
CNRR 960 Regina, Can.....			7-8		7-8		
CNRS 910 Saskatoon, Can...			7-8		7-8		
CNRE 580 Edmonton, Can...			7-8		7-8		
CNRC 690 Calgary, Can.....			7-8		7-8		
CNRV 1030 Vancouver.....		10-11	9-11:30	10-11	10-11	8:30-11:30	
KDKA 980 Pittsburg.....	6-9	6-10	6-8:30	6-10	6-10	6-9	6-8:30
KDYL 1290 Salt Lake.....	5-11	5-11	5-11	5-11	5-11	5-11	5-1a.m.
KFAB 770 Lincoln, Neb.....		8-9:30		8-9:30		8-9:30	8-9:30
KMOX 1090 St. Louis.....	6-10	6-10	6-10	6-10	6-10	6-10	6-10
KOIL 1260 Council Bluffs...	5-10	5-10	5-10	5-10	5-10	5-10	5-12
KRLD 1040 Dallas	9-10	9-10	9-10	8-9	8-9	8-9	7-10
KSTP 1460 St. Paul.....	6-10	6-10	6-10	6-11	6-10	6-10	6-11
KTBS 1450 Shreveport.....	6-9	6-9	6-9	6-9	6-9	6-9	6-9
KTHS 1040 Hot Springs.....	5-9	7-9	5-9	9-10	5-8	5-8	5-7
				9-10	9-10	9-10	
KVOO 1140 Tulsa, Okla.....	7-10	7-10	7-10	7-10	7-10	7-10	7-10
KWKH 850 Kennonwood.....	6-7	7-10	5-7	7-10	5-7	7-10	7-10
KYW 1020 Chicago.....	5-8	5-11	5-11	5-11	5-11	5-11	5-11
WBAP 800 Ft. Worth.....	8-10	7-10	5-7	7-10	5-7	7-10	5-7
WBBM 770 Glenview, Ill.....	5-7:30	6-8	6-11	6-8	6-11	6-8	6-11
	10-11:30	10-11		10-11		10-11	
WCCO 810 Minneapolis.....	5-10	5-10	5-10	5-10	5-10	5-10	5-11
WDAF 610 Kansas City.....	7-8	5-8	5-11	5-8	5-11	5-7	5-11
		9-11		10-11		9-11	
WEAF 660 New York City.....	6-9	6-9	6-9	6-9	6-9	6-9	6-9
WEEI 590 Boston.....	6-8	6-8	6-8	6-8	6-8	6-8	6-8
WENR 870 Chicago.....	5-11	5-12	5-12	5-12	5-12	5-12	5-12
WFAA 800 Dallas.....	5-8	5-7	7-10	5-7	7-10	5-7	7-10
WFLA-WSUN 900 Clearwtr		6-9	6-9	6-9	6-9	6-9	6-9
WGN 720 Chicago.....	5-10:30	5-11	5-11	5-10:30	5-11	5-11	5-12
WGY 790 Schenectady.....	6-7	8-9		5-7:30		5-7	
WHAM 1150 Rochester.....	5-8	5-9	5-9	5-9	5-9	5-9	5-9
WHAS 820 Louisville.....	6-10	6-10	6-10	6-10	6-10	6-10	6-10
WHK 1390 Cleveland.....	6-9	6-9	6-9	6-9	6-9	6-9	6-9
WHO 1000 Des Moines.....			6-9		6-9		6-9
WIP 610 Philadelphia.....	7-8	5-9		5-9		5-9	
WJR 750 Detroit.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WJZ 760 Bound Brook, N.J.	5-8	5-8	5-8	5-8	5-8	5-8	5-8
WLW 700 Cincinnati.....	5-9	5-10	5-10	5-10	5-10	5-10	5-10
WMAQ 670 Chicago.....	6-10	5-12	5-12	5-12	5-12	5-12	5-12
WOAI 1190 San Antonio.....	6-7	6-10	6-8	6-10	6-9	6-8	6-8
WOC 1000 Davenport.....	6-9	6-9		6-9		6-9	
WOR 710 Kearny, N. J.....	5-7	6-9	6-9	6-9	6-9	6-9	6-9
WOW 590 Omaha, Neb.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WPG 1100 Atlantic City.....	6-9	6-9	6-9	6-9	6-9	6-9	6-9
WRVA 1110 Richmond.....		6-9	6-9	6-9	6-9	6-9	6-9
WSB 740 Atlanta.....	6-8	6-10	6-10	6-10	6-10	6-10	6-10
WSM 650 Nashville.....	6-8	6-9	6-9	6-9	6-9	6-9	6-9
WTAM 1070 Cleveland.....	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WWL 850 New Orleans.....	7-10	6-7	7-10	6-7	7-10	6-7	6-7

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SATURDAY Programs

NBC

National Broadcasting Company

- 10 to 10:45 a.m.—National Farm and Home Hour
From NBC's Washington and Chicago studios will be broadcast a National Farm and Home Hour program through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 1 to 2 p.m.—Dixie Dandies
Songs of the South, including negro spirituals and modern popular numbers, will be presented. Those who appear before the microphone during this all-colored program are William Powers, tenor, Thelma Bown, pianist and vocalist, and the Southern Harmony Four. Miss Brown contributes the modern popular selections.
Broadcast through KGO, KOMO and KGW.
- 3:30 to 4 p.m.—Billy and The Gang.
Broadcast over KGO and KOMO.
- 5 to 5:30 p.m.—"The New Business World"
Recent developments in commercial activities of the nation will be discussed during the "New Business World" half-hour program. This radio service for business men, conducted by Merle Thorpe, editor of Nation's Business, will be released through KGO, KHQ, KOMO, KGW and KECA.
- 6 to 7 p.m.—General Electric Hour
The musical fare of the General Electric Hour tonight will be taken care of by Walter Damrosch and a symphonic orchestra. Under Damrosch's leadership the orchestra will be heard playing the Scherzo from "A Midsummer Night's Dream," a waltz entitled "Adventures in a Perambulator," the allegretto from a Symphony No. 2 and "Phateon." There will also be the slow movement from a sonata for violin and piano.
Floyd Gibbons will contribute an eight-minute talk on "Adventures in Science."
Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 7 to 8 p.m.—B. A. Rolfe and His Lucky Strike Dance Orchestra
"Tunes that made Broadway Broadway," will be played by B. A. Rolfe and his Lucky Strike Dance Orchestra in a broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 8 to 8:30 p.m.—Pacific Serenaders
Eight serenades will be interpreted by a salon orchestra, woodwind instruments, a string quartet, and Raymond Marlowe, tenor.
Broadcast through KGO.
- 8 to 8:30 p.m.—Gilmore Circus
Recreating before the microphone the atmosphere of an actual circus, this program will offer auditors band music, songs and numerous novel features.
Broadcast through KOMO, KGW, KPO and KFI.
- 8:30 to 8:45 p.m.—Amos 'N Andy
Broadcast over KGO, KGW, KOMO, KHQ and KECA.
- 9 to 9:30 p.m.—"Launderland Lyrics"
Spirited strains of Friml's "March of the Musketeers" from his latest musical comedy success, "The Three Musketeers," will be heard during the "Launderland Lyrics" broadcast. This number will be played by the orchestra under Walter Beban's direction. The instrumentalists will also offer four other selections and will accompany Barbara Blan-

chard, soprano, and Myron Niesley, tenor, in their solo and duet numbers.

- Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 9:30 to 10 p.m.—Hilly Billy Boys
Thirty minutes of old songs of the type that was in vogue in rural districts in years gone by will be the Hilly Billy Boys' contribution. With Charles Marshall as their leader, the Hill Billy Boys will be heard through KGO and KOMO.
- 10:15 to 11 p.m.—Tales Never Told
Romance and comedy will mark the "Tales Never Told" which are to be broadcast tonight. "Jeannine," a recent popular love song provides the inspiration for the first of Harry De Lasaux's dramatic vignettes. The second will be based upon the song "Beautiful," and the concluding vignette will be "I'm Gonna Dance wid de Guy What Brung Me."
Mary Groom, contralto and Irving Kennedy, tenor, will introduce the miniature dramas by singing the "theme" numbers. Paul Carson, organist, will accompany them.
Broadcast through KGO, KHQ, KOMO, KECA and KOA.
- 11 to 12 p.m.—Musical Musketeers
Walter Beban and the Musical Musketeers will offer an hour of dance music in a broadcast through KGO.

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

- 6:45 to 8 a.m.—"Pep and vigor" exercises
8 to 8:15 a.m.—Record program
8:15 to 8:30 a.m.—Inspirational talk
8:30 to 8:55 a.m.—Courtesy program
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's message
10:30 to 11 a.m.—Recordings and announcements
11 to 12 noon—String ensemble and vocalists
12 to 12:30 p.m.—KNX String Ensemble
12:30 to 1 p.m.—C. P. R.'s musical program
1 to 1:30 p.m.—Radio Church of the Air
1:30 to 2 p.m.—Reading interesting books
2 to 5 p.m.—Presenting an opera program of recordings
5 to 5:15 p.m.—Travelogue
5:15 to 5:45 p.m.—Ken's Kiddie Hour
5:45 to 6 p.m.—Timely amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX String Ensemble
7 to 8 p.m.—Paramount Public Hour
8 to 8:05 p.m.—Services at Los Angeles churches
8:05 to 9 p.m.—KNX feature artists
9 to 10 p.m.—The Russian American Art Club
10 to 12 midnight—Hotel Ambassador orchestra
12 to 1 a.m.—Dorado Club dance hour

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

- 11:30 to 12:30 p.m.—Fox Hollywood organ
12:30 to 1 p.m.—Records
1 to 2 p.m.—Dixie Dandies
2 to 4:30 p.m.—Masterworks
4:30 to 5 p.m.—Stewart Warner program
5 to 5:30 p.m.—"The New Business World," NBC
5:30 to 6 p.m.—Service Hour
6 to 7 p.m.—General Electric, NBC
7 to 8 p.m.—Lucky Strike Hour, NBC
8 to 8:30 p.m.—Studio program
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
8 to 8:30 p.m.—Gilmore Circus, NBC
9 to 9:30 p.m.—National Laundry Owners, NBC
9:30 to 10:30 p.m.—Studio program
10:30 to 12 midnight—Hi Jinks

SATURDAY Programs

491.5 Meters Channel 61
610 Kcys. KFRC 1000 Watts

Don Lee, Inc., San Francisco, Calif.
7 to 7:30 a.m.—Seal Rocks broadcast
7:30 a.m.—New York Exchange
7:30 to 8 a.m.—Seal Rocks broadcast
8 to 9 a.m.—U. S. Army Band, CBS
9 to 9:30 a.m.—Adventures of Helen and Mary, CBS
9:30 to 10 a.m.—Recordings
10 to 10:30 a.m.—Song recital, featuring Juanita Tennyson, Norman Nellsen and Frank Moss
10:30 to 11 a.m.—Recordings
11 to 12 noon—Auditions and church announcements
12 to 1 p.m.—Sherman and Clay
1 to 1:30 p.m.—The Aztecs, CBS
1:30 to 2 p.m.—Ann Leaf, organist, CBS
2 to 2:45 p.m.—Club Plaza Orchestra
2:45 to 3 p.m.—Recordings
3 to 3:30 p.m.—Hotel Shelton Orchestra, CBS
3:30 to 4 p.m.—Yoeng's Orchestra, CBS
4 to 5 p.m.—Bernhard Levitow and his Commodore Ensemble, CBS
5 to 5:15 p.m.—Exploring the Jungles for Science, CBS
5:15 to 5:30 p.m.—Studio program
5:30 to 6 p.m.—Edna Fischer, pianist
6 to 6:30 p.m.—Nit Wit Hour, CBS
6:30 to 6:45 p.m.—Boyer Chemical programs
6:45 to 7 p.m.—Studio program
7 to 8 p.m.—Paramount Publix Radio Hour, CBS
8 to 9 p.m.—Specialty program from KHJ, DLBS
9 to 10 p.m.—KHJ Review, DLBS
10 to 10:10 p.m.—"Frank Watanabe"
10:10 to 11 p.m.—Hotel Mark Hopkins orchestra
11:10 to 12:10 a.m.—Earl Burtnett's Biltmore Hotel orchestra, DLBS
12:10 to 1 a.m.—Dance music

333.1 Meters Channel 90
900 Kcys. KHJ 1000 Watts

Don Lee, Inc., Los Angeles, California
7 to 7:30 a.m.—Recordings
7:30 to 7:40 a.m.—Stock exchange reports
7:40 to 8:30 a.m.—Recordings
8:30 to 9 a.m.—Saturday Syncopators, CBS
9 to 9:30 a.m.—Columbia Noontday Club, CBS
9:45 to 10 a.m.—Klein's harmonica program
10 to 10:30 a.m.—Leslie Brigham, baritone, and Mona Content, pianist
10:30 to 11 a.m.—Times Forum
11 to 11:15 a.m.—Recordings
11:15 to 12 noon—Patterns in Print, CBS
12 to 12:30 p.m.—Biltmore Hotel orchestra
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:30 p.m.—Leigh Harline's organ recital
1:30 to 2 p.m.—Charlie Wellman
2 to 3 p.m.—Club Plaza Orchestra, CBS
3 to 4 p.m.—"Chasin' the Blues"
4 to 4:50 p.m.—Bernhard Levitow and his Commodore Ensemble, CBS
4:50 to 5 p.m.—World-wide news
5 to 5:15 p.m.—Guy Lombardo, CBS
5:15 to 5:30 p.m.—Recordings
5:30 to 6 p.m.—Dixie Echoes, CBS
6 to 7 p.m.—Organ recital, with singer
7 to 8 p.m.—Paramount Hour, CBS
8 to 9 p.m.—Specialty program
9 to 10 p.m.—KHJ Review, DLBS
10 to 10:05 p.m.—World-wide news
10:05 to 12 midnight—Biltmore Hotel dance orch
12 to 1 a.m.—Wesley Tourtellotte's organ recital

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

8 to 9 a.m.—Reveille
9 to 9:30 a.m.—Let's Get Acquainted
10 to 10:45 a.m.—National Farm & Home Hour
10:45 to 11:30 a.m.—Morning Melodies
11:30 to 12 noon—Philharmonic organ
12 to 1 p.m.—Novelty Five
1 to 2 p.m.—Dixie Dandies
2 to 2:30 p.m.—Matinee Time
2:30 to 3:30 p.m.—Novelty Five
3:30 to 4 p.m.—Billy and The Gang
5 to 5:30 p.m.—"The New Business World"
5:30 to 6 p.m.—Sunset Syncopators
6 to 7 p.m.—General Electric Hour
7 to 8 p.m.—Lucky Strike Hour
8 to 8:30 p.m.—Pacific Serenaders
8:30 to 8:45 p.m.—Amos 'n' Andy
8:45 to 9 p.m.—The Saxophonists
9 to 9:30 p.m.—Lauderland Lyrics
9:30 to 10 p.m.—Hilly Billy Boys
10 to 10:15 p.m.—Sports talk
10:15 to 11 p.m.—Tales Never Told
11 to 12 midnight—Musical Musketeers

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

7 a.m.—Morning Serenaders
9 a.m.—Better Homes Hour
9:30 a.m.—Piano novelties, Ronald Buck
9:45 a.m.—Devotional services
10 a.m.—Concert
11 a.m.—Studio program
12 noon—World Bookman and Girls' Orchestra
1:05 p.m.—Uncle Robbins' farm flashes
1:15 p.m.—Popular program
4 p.m.—Classical program
5 p.m.—Popular program
5:30 p.m.—Children's Hour
6 p.m.—Studio program
7 p.m.—Musical program
9 p.m.—Studio program
10 p.m.—Dance program
10:30 p.m.—Jack and Jill Dance Band

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

7:55 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9 a.m.—Y. M. C. A. health exercises
9:15 a.m.—Organ recital by Betty Shilton
10 a.m.—National Farm and Home Hour, NBC
10:45 a.m.—Orchestra; Hayden Morris, basso
12:15 p.m.—"What to Prepare for Dinner"
12:30 p.m.—Grain, fruit and vegetable reports
12:35 p.m.—Orchestra; VeOna Socolofsky and Greenwood Mitchell
1 p.m.—Dixie Dandies, NBC
3 p.m.—Popular orchestra with Fred Lynch, tenor
3:30 p.m.—Billy and The Gang, NBC
5 p.m.—New Business World, NBC
5:30 p.m.—Artistic Ensemble with Agnes Skartvedt, contralto
6 p.m.—General Electric Co. program, NBC
7 p.m.—Lucky Strike Dance Hour, NBC
8 p.m.—Gilmore Circus, NBC
8:30 p.m.—Amos 'n' Andy, NBC
8:45 p.m.—News flashes
9 p.m.—Lauderland Lyrics, NBC
9:30 p.m.—Hilly Billy Boys, NBC
10 p.m.—Sports talk
10:15 p.m.—Tales Never Told
11 p.m.—Musical Musketeers
12 to 12:30 a.m.—Organ recital by Betty Shilton

SATURDAY Programs

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

Hale Bros. & The Chronicle, San Francisco

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

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

Louis Wasmer, Inc., Spokane, Washington

6:45 to 7 a.m.—Inspirational service
7 to 7:30 a.m.—Peppy morning varieties
7:30 to 8 a.m.—Headliners
8 to 9 a.m.—Shell Happy Time
9 to 9:45 a.m.—"With the Music Masters"
10 to 10:45 a.m.—Nat'l Farm and Home Hour, NBC
10:45 to 11 a.m.—Sunshine program
11 to 11:30 a.m.—Matched Unit Trio
11:30 to 12 noon—Winifred Rhoades, organist
12 to 12:15 p.m.—Nat'l Sav. luncheon program
12:15 to 12:30 p.m.—Brick Bats and Bouquets
12:30 to 1 p.m.—Gold Seal program
1 to 1:30 p.m.—"Down Memory Lane"
1:30 to 1:45 p.m.—Studio doings
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—"With the Classics"
3 to 3:30 p.m.—Matched Unit Trio
3:30 to 4 p.m.—"Paint o' Mine" period
4 to 5 p.m.—Concert orchestra
5 to 5:30 p.m.—New Business World, NBC
5:30 to 6 p.m.—Matched Unit Trio
6 to 7 p.m.—General Electric, NBC
7 to 8 p.m.—Lucky Strike Hour, NBC
8 to 8:30 p.m.—Modernists
8:30 to 8:45 p.m.—Amos 'n' Andy, NBC
8:45 to 9 p.m.—Sports news, Bert Price
9 to 9:30 p.m.—Lauderland Lyrics, NBC
9:30 to 10 p.m.—Sparkling melodies
10 to 10:15 p.m.—Sports talk, NBC
10:15 to 11 p.m.—Tales Never Told, NBC
11 to 12 midnight—RKO frolic
12 to 12:30 a.m.—Dessert Happy Caravan
12:30 to 1:30 a.m.—Just Another Hour

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

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

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

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7:30 a.m.—Opening market quotations
7:45 a.m.—Gertrude Gusselle
8 a.m.—Shell Happy Time from KPO
9 a.m.—Sylvia's Happy Hour
10 a.m.—National Farm and Home Hour, NBC
11:45 a.m.—French lessons by Annette Doherty
12 noon—U. S. Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
5:15 p.m.—Tom Mitchell
5:45 p.m.—Stock market reports
6 p.m.—General Electric Hour, NBC
7 p.m.—Lucky Strike Hour
8 p.m.—Gilmore Circus, NBC
8:30 p.m.—Earle C. Anthony, Inc., program, KFI-KPO
9 p.m.—"Lauderland Lyrics," NBC
9:30 p.m.—Forest Lawn Memorial Park program
11 p.m.—KFI Midnight Frolic

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

Warner Brothers, Hollywood, California

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

SATURDAY Programs

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

Nichols & Warriner, Long Beach, Calif.
 5 to 5:30 p.m.—Pacific Coast Seven
 5:30 to 6 p.m.—Hollywood Girls
 6:30 to 6:45 p.m.—Sunset Harmony Boys
 6:45 to 7 p.m.—Vest Pocket Minstrels
 7 to 7:15 p.m.—Radio parade
 7:15 to 7:30 p.m.—Buttercream School Kids
 7:30 to 8 p.m.—Buster Wilson's orchestra
 8 to 8:15 p.m.—Football talks
 8:15 to 8:30 p.m.—Cline Chittick, harmonica solos
 8:30 to 9 p.m.—Punch and Judy
 9 to 10 p.m.—Imperial Concert Orchestra
 10 to 10:30 p.m.—Rev. Ethel Duncan
 10:30 to 11 p.m.—Over at Mart's house
 11 to 11:30 p.m.—Silver Spray Orchestra
 11:30 to 12:30 a.m.—Organ recital
 12:30 to 2 a.m.—The Knight Fox

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

Seattle Broadcasting Co., Seattle, Wash.
 4:30 to 5 p.m.—Mr. Fixit; News
 5 to 6 p.m.—Service Hour
 6 to 6:15 p.m.—Cecil and Sally
 6:15 to 6:30 p.m.—Dinner Hour program
 6:30 to 7 p.m.—The Mixers
 7 to 8 p.m.—Orrin Shattuck, Pinkerton Day, Grace Bond, Happy Hawaiian Trio
 8 to 9 p.m.—"Old Timers' Hour" with the Farmsteaders, Don and Farrell, Joe Flisech, Frankie and Johnny, Frank Coombs, Harry Nelson
 9 to 9:30 p.m.—Ken Stuart in "30 Minutes of Sunshine"
 9:30 to 10:15 p.m.—Song recital
 10:15 to 11:15 p.m.—Everstate Dance Band
 11:15 to 11:35 p.m.—Quartette selections
 11:35 to 12:30 a.m.—Everstate Dance Band

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

Puget Sound Broadcast Co., Tacoma, Wash.
 3 to 3:30 p.m.—Hotel Shelton Orchestra, CBS
 3:30 to 4 p.m.—Yoeng's Orchestra, CBS
 4 to 5 p.m.—Bernhard Levitow's Commodore Ensemble, CBS
 5 to 5:07 p.m.—Studio program
 9 to 10 p.m.—KHJ Review, DLBS
 10 to 10:10 p.m.—Billy Landers, blues singer
 10:10 to 11:10 p.m.—Anson Weeks' orchestra, DLBS
 11:10 to 12 midnight—Earl Burtnett's orchestra, DLBS

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

J. Brunton & Sons, San Francisco, Calif.
 6:45 to 8 a.m.—Alarm Klock Klub
 8 to 10 a.m.—Variety records
 10 to 11 a.m.—Dance records
 11 to 11:30 a.m.—Popular recorded selections
 11:30 to 12 noon—Maude E. White, soprano
 12 to 12:05 p.m.—Stock report
 12:05 to 2 p.m.—Recorded program
 2 to 2:30 p.m.—Dell Raymond
 2:30 to 3 p.m.—Popular records
 3 to 3:30 p.m.—Dorothy Churchill, soprano
 3:30 to 4 p.m.—Popular recordings
 4 to 4:30 p.m.—Jerry McMillan, pianist
 4:30 to 5:15 p.m.—Records

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

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

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

Radio Service Corp., Salt Lake City, Utah
 5 p.m.—Merle Thorpe, NBC
 5:30 p.m.—"Launderland Lyrics," NBC
 6 p.m.—General Electric Hour, NBC
 7 p.m.—"Lucky Strike" dance orchestra, NBC
 8 p.m.—Sugarhouse Business League
 8:30 p.m.—Amos 'n' Andy, NBC
 8:45 p.m.—Variety
 9:15 p.m.—Jack Stacey's popular dance orchestra
 10:15 p.m.—Request Hour
 11:15 to 12:30 a.m.—Shell Midnite Review, from stage of Playhouse Theatre, directed by Roscoe Grover

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

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

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

Northwest Radio Service Co., Seattle, Wash.
 9:30 a.m.—Morning devotional services
 10 a.m.—Varied program
 12 noon—World in review
 1 p.m.—Musical program
 2:30 p.m.—Matinee Melodies
 5:30 p.m.—Dinner concert
 6 p.m.—Harmony Aces; Eulala Dean, blues; Elmore Vincent, tenor; Spencer Adams, xylophone
 7 p.m.—Agatha Turley, soprano; Sidney Dixon, tenor; Arville Belstad, piano
 7:30 p.m.—Dore Sisters, Novelty Duo
 8 p.m.—Saturday Knights; Elmore Vincent, tenor; Pearl Dempsey, piano
 9 p.m.—Northwest Hour
 10 p.m.—Musical Potpourri; Ban & Jo; Agatha Turley, soprano; Sidney Dixon, tenor; Elmore Vincent, tenor
 10:30 p.m.—Vic Meyer's Club Victor Orchestra

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