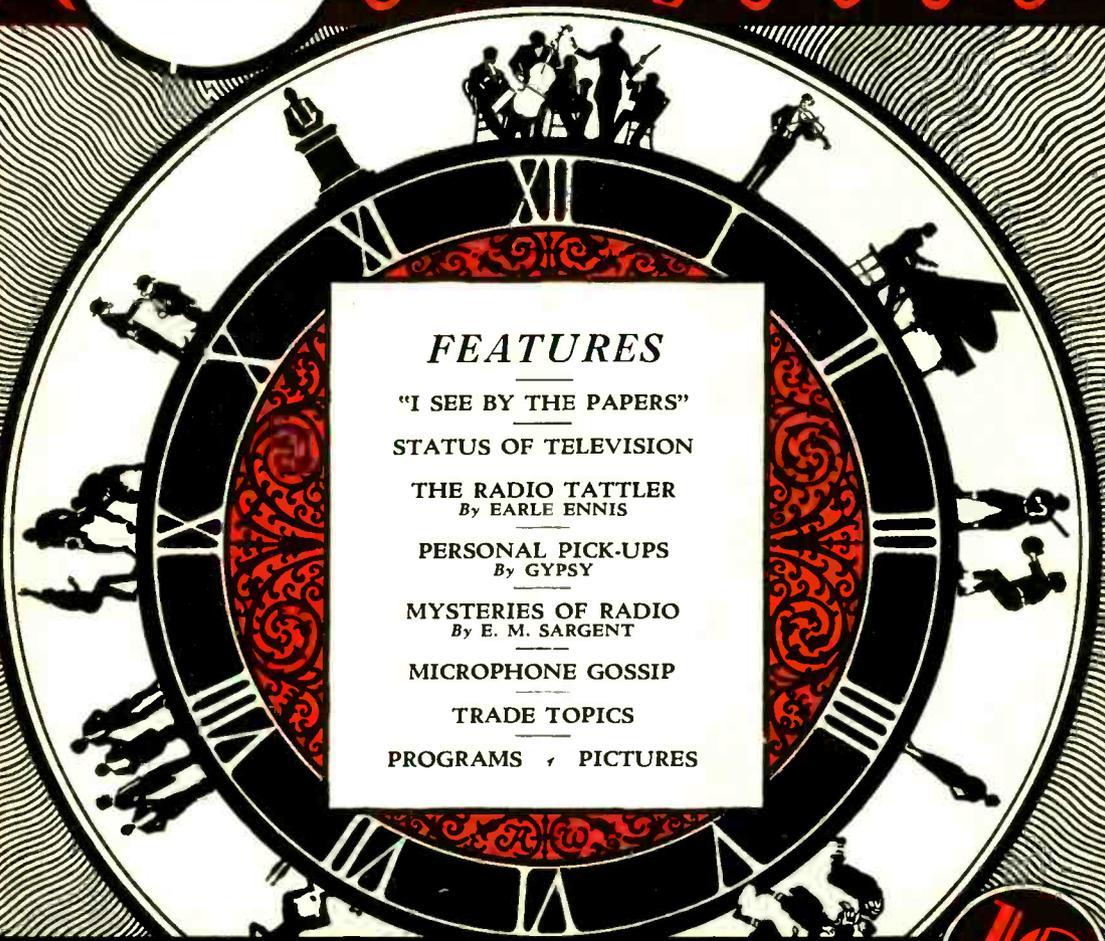


Broadcast Weekly

For
Week of
**October
20 to 26**



FEATURES

"I SEE BY THE PAPERS"

STATUS OF TELEVISION

THE RADIO TATTLER
By EARLE ENNIS

PERSONAL PICK-UPS
By GYPSY

MYSTERIES OF RADIO
By E. M. SARGENT

MICROPHONE GOSSIP

TRADE TOPICS

PROGRAMS / PICTURES

"THE LEADING RADIO GUIDE OF THE PACIFIC COAST"



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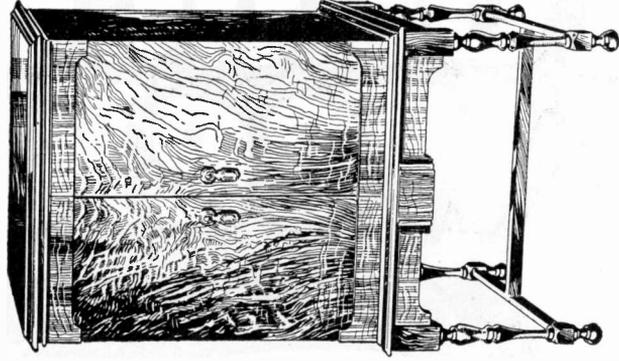
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BROADCAST WEEKLY

(FORMERLY RADIOCAST WEEKLY - ESTABLISHED 1922 AS BROADCAST PROGRAM)

A. J. URBAIN, *Publisher*

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San Francisco

OCTOBER 19, 1929

Los Angeles

No. 4

THE EDITOR'S PAGE

LEOPOLD STOKOWSKI and the Philadelphia Storage Battery Company deserve high honor for their courageous announcement of October 6, at the conclusion of the first Philco symphony concert hour, one of the outstanding musical radio events of the year. Said Stokowski:

"Write us frankly if you like these concerts. If you do not, we will discontinue them. We shall play no popular music. The highest and best or nothing at all! We would like to hear from you."

In these days of moronic jazz, of the professional prostitution of classic themes, and wholesale theft and butchery of harmonic motifs, it is indeed good to see one conductor and one sponsor brave and determined enough to stand firmly on the side of fine music and to declare that they will present that or nothing. It leads to the inevitable conclusion that ideals may, even today, form a part in the production of products when a concern is not afraid to dare to sponsor this attitude, and a conductor to announce it.

* * *

QUESTIONS of vital importance are being threshed out at The Hague, where an international technical committee on radio communication is in session. In general, Europe is attacking the great number of wavelengths held by the United States and is engaged in an endeavor to allocate a number of these to continental powers.

At the present time some 3000 stations are seeking the use of wave bands in channels where only 800 wavelengths are available. Of this number the United States controls

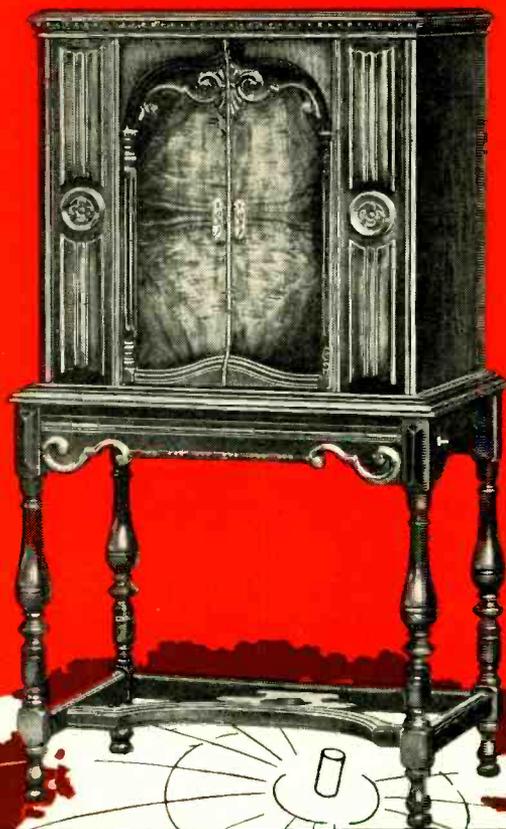
about 60 per cent, the remaining 40 per cent being held by Great Britain, Germany, France, Italy and the other powers. France and Italy have comparatively few, Great Britain and Germany holding the bulk of this allotment.

The real battle is in the short wave field. Short wave work was developed in the United States by amateurs, and accepted by commercial companies and the government as far superior to the longer wave lengths. Great Britain awakened to the importance of this and is now seeking supremacy in the short wave field. Europe desires to chase the amateurs out of the short wave field by restricting them to only a few waves. The United States cannot see this because of the great amount of development work which amateurs have done in this field, and are still doing.

It is doubtful if anything will come of The Hague conference because the committee has only advisory powers but the battle which is taking place in The Hague forum shows, in reflex something of the mad scramble which is taking place in radio affairs all over the world as higher powered stations stretch beyond their own territory into other lands and become a problem to foreign nations. If some invention could be devised by which radio waves could be induced to die out or stay home or within the confines of their own country, the whole structure of foreign radio argument would collapse. Unless some such development does take place, the radio overlap will shortly prove an international problem greater in importance than perhaps any other.

Majestic

RADIO

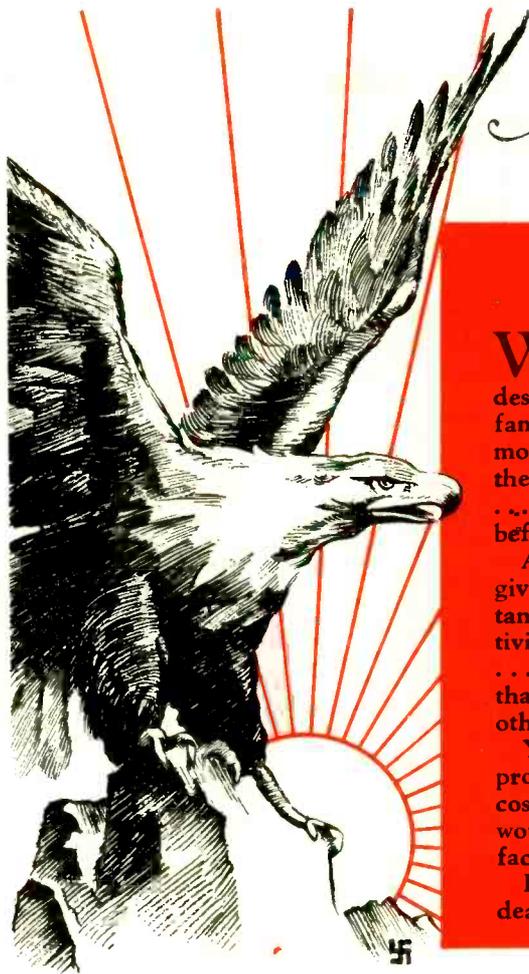


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The RADIO TATTLER



By EARLE ENNIS

IF THE boys and girls would only stay off the rural telephone lines during these transcontinental broadcasts, and do their marketing earlier in the day, we would enjoy the programs to a greater degree. It is nice to know that eggs are still being bought and sold in the Middle West, but not while we are resting.

* * *

It was during a recent Stromberg-Carlson hour that some trans-Rocky Sadie picked that particular time to razz her grocer about her delivery:

"... well, I counted all over them . . . some were spoiled . . . no, I don't know how many . . . well, they won't hatch . . . I said, they won't hatch . . . no . . . yes . . . well, you'll have to send me some more . . . yes . . . yes . . . all right . . . all right . . . Oh, yes—those were . . . yes, all right . . . the others came out fine . . . just these last . . . all right . . ."

* * *

But this isn't the worst of it. There was the operator in Ohio, or Iowa, or Illinois, who couldn't get her party. She kept twisting the crank—probably one of those long, chatty, rural circuits where the folks don't need a radio. The party she wanted was dead to the world and she tried to wake him up. She was a dandy, that girl. She never gave up.

"R-r-r-r-r-r-um! R-r-r-r-r-r-um! Hello, operator! Just a minute, operator . . . hello . . . r-r-r-r-r-r-um! Hello, operator . . . call your party . . ." She and the other operator then had what is known as "words," during which one said: "Why don't you hold your party, operator?" in the best chief operator's style.

* * *

This must have worked, because there was a click and again we had sweet, pure music from contented instruments. This was just one night. There was another night when we heard "mamma" telling "papa" what she wanted when he came down for the weekend:

"... yes, papa . . . hello . . . say, lissen, papa . . . when you come down bring my black dress from upstairs . . . yes, the long one . . . all right, papa—take care of yourself . . ."

That one sounded like Pennsylvania. On the same night there was the man who had trouble with his mail—somewhere west of Suez. Through the muted purring of the strings could be heard his loud-voiced agitation:

"Well, why can't you forward it? The postage is paid, ain't it? Yes . . . I'll pay it here . . . yes, get a move on . . . I said get a move on . . . that will be all right . . . all right, put 'em in one envelope . . . hello . . ."

* * *

These fragments that mingle with the harmonies of the night are known officially as "cross talk." It is caused by induction between one circuit and another. The music is hurrying westward. The conversation is going elsewhere. They meet and pass. The wires are too close, or something. One picks up the other. Perhaps the man who was worrying about his mail, heard a little music on his wire and thought his secretary was putting on a party. It would be the deuce, wouldn't it now, if a wife, listening on her radio, heard her husband on another circuit dating a strange hussy?

* * *

Well, that's the chance the boys all take when they slip the confidential stuff over the wire. One orders a pint, privately as one thinks, from a bootlegger across town, and 15,000,000 radio fans, sitting thirstily at home, hear with envy the libatious purchase broadcast into their laps with the evening's entertainment. This is one way in which li'l ol' cross talk adds to the gaiety of nations.

* * *

Which brings us back again, in a circle, to the girls of the Middle West who put on their gossip hour about the time the transcontinental enjoyment begins. Night after night we hear them doing their stuff:

"... well, we'll be down Monday . . . all right . . . mother isn't so well, and she may not come . . . no . . . Oh, yes . . . he's feeling fine now . . . gets around with a cane . . . yes . . . well . . . hello . . . operator . . . there's your party . . . r-r-r-r-r-r-um!"

* * *

A telephone private? Say—just tune in on a transcontinental radio program and see if it is!

Forget Aerial Troubles

Get Clearer, Sweeter, More Natural
Tone With Less Interference



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PERSONAL PICK-UPS

By GYPSY

A Radio Fan, Vader, Wash.—Stephen Gaylord's present address is the Park Hotel, Great Falls, Montana. Cliff Howell was born in Mississippi 22 years ago. He has blue eyes, dark brown hair, weighs 155 pounds and is 5 feet 11 inches tall. His features are regular and interesting. Now and then he cultivates a mustache (none just now), and he is not married. Cliff was a student at the University of California, Los Angeles branch. His pet aversion is "temperamental" artists.



Jill, San Francisco, Cal.—George Taylor is the kind of chap you'd want your sister to know. He is so delightfully normal and sincere. Twenty-eight years old, 5 feet 10½ inches tall, weighs 170 pounds, has dark brown hair, wavy, and greenish eyes. He was born in San Francisco, graduated from Poly high and took a special electrical course of some sort (I never can remember technical terms) but he finds the radio a happier means of expression and wouldn't give it up for worlds. No, he is not married.

* * *
W. J. Stafford, Seattle, Wash.—Jesse Stafford was born in Charles City, Iowa, and says he does not know of any existing relatives in Ireland. However, he is looking over his "family tree," so you may get more definite data with the next issue. Alas! It seems that only the May Flowerites have a knowledge of ancestry and relationships.

* * *
A Subscriber, Monterey, Cal.—Yes, Juliette Dunn is the wife of Harrison Holliday. She is a fragile little thing. Weighs 106, stands 5 feet 2 or less and is 20 years old. Juliette is one of those natural blondes with lovely clear blue eyes, and transparent skin and possesses a profile that is absolutely flawless.

* * *
Rita Marie, Monterey, Cal.—Your argument on James Kendrick was settled in the 6 to 12 issue of Broadcast Weekly. Hope you saw it and that there were no dire results. As for Norman Nielsen, he is 24 years old, weighs 140 pounds, measures 5 feet 9, has blue eyes, sunny light hair with just the right wave, an engaging cleft in his chin and a smile. Such a smile!

* * *
Mrs. W. A. White, Richmond, Cal.—Yes, Allan Wilson is married. He is the father of a 14-year-old boy. Cyrus Trobbe has two children, a boy 6 or 7 and a little girl about a year old.

* * *
Estelle K., Sacramento, Cal.—Arnold (Mickey, Lufe) Maguire is 30 years old, weighs 160 pounds, is 5 feet 10 or 11, has reddish hair, a mustache to match and hazel eyes. He is still funnier off the air than on, although he is known to have his serious moments and is a demon on intricate scientific subjects.

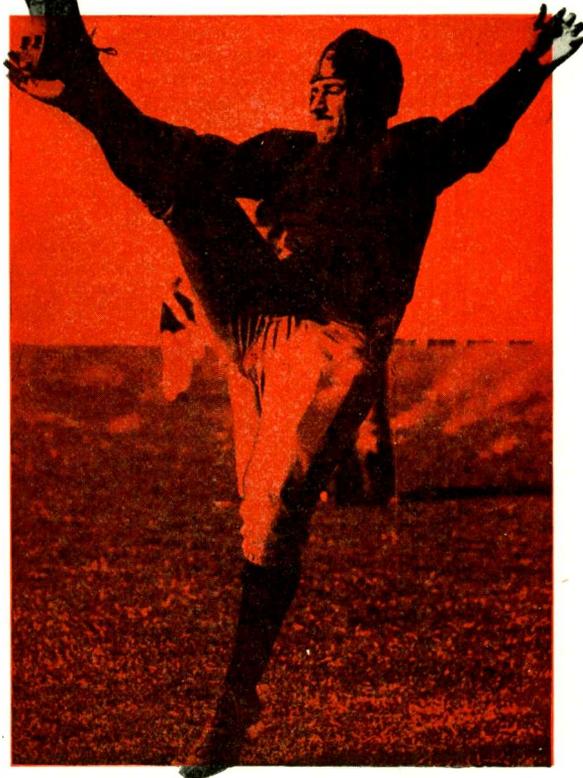
* * *
L. F. B., Salt Lake City, Utah.—Ethel Wakefield is enveloped in an aura of aristocracy and charm that is quite indescribable. She is 5 feet 6 inches tall and weighs 125 pounds. Her eyes are a gray blue and her sensitive features are clear cut, while her modish "swirl" bob is a rich brown.

* * *
Mrs. M. T., Pendleton, Ore.—Ken Stuart has been with Station KOL since December 7, 1928. He is 33 years old, weighs 155 pounds, is 5 feet 7 inches tall and has regular, rounded features. His eyes are brown, his hair is black, straight and brushed severely back with a decided part in the middle. He is a graduate of Pennsylvania State College. Yes, he is married.

* * *
Ann, Mary and Jo, Merced, Cal.—Here is Frederic Brown. Hazel eyes, fair complexion, light brown hair (he really is a blond but prefers the "light brown"), weight 155, height 5 feet 7, age 32. Married? Yes. Children? Five. No foolin'? No foolin'. A set of twins and three others. Perfectly adorable youngsters! Frederic Brown plays so many characters at the studio that it is impossible to keep track of them, but perhaps the most popular ones are "Bud" and "Lucius."

* * *
Larry M., Turlock, Cal.—Aileen Fealy is 5 feet 4 inches tall and weighs 120 pounds. She wears her hair in a long, curled bob that is most effective and her eyes are gray, very wide, with an oriental slant that belies her Irish ancestry. Aileen was born in San Francisco but has lived much of her twenty-something years in foreign countries, Rome being her favorite city. She is extremely chic, alert, interesting. Not married.

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Why scramble for high-priced tickets and struggle through traffic jams and crowded grandstands? The marvelous FACE-TO-FACE REALISM of the new SPARTON EQUASONNE will give you that front row thrill in the comfort of your own home. This uncanny vividness with which SPARTON transmits scenes as well as sounds, is the newest and most talked of feature in radio today. Hear the remarkable new Equasonne at any authorized SPARTON Dealer.

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THE NEW

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EQUASONNE --- "Radio's Richest Voice"

MICROPHONE GOSSIP



Staying "outside listening in" gives the radio program builder the best picture of his product, in the opinion of Gerard Chatfield, who recently returned to NBC as program supervisor in New York. Chatfield spent a year on the outside. "And it has taught me a lot about programs," he says. He will follow the same policy now, hearing programs rather than producing them.

* * *

John Eugene Hasty, staff continuity writer for KFRC, was born, so he says his parents led him to believe, in Lafayette, Indiana, the birthplace of such literary celebrities as George Barr McCutcheon, George Ade and John Eugene Hasty.

Hasty is a prominent clubman, being a member of the Young Men's Democratic Walking Club, the Smile a Mile Club, the Free Clothes Drawing Club and the California Automobile Association. He was formerly in newspaper work and also in the advertising game. He has written a number of one-act vaudeville plays and he wrote the yearly play for the New York Lambs' Club, the Lambs' Gambol, in 1919.

* * *

Rodney Johnson, who has sung over KGW frequently during the summer, has returned to New York to study with Griffiths. Rodney's home is in Portland, Oregon.

* * *

Winners of the Atwater Kent Foundation's Local Auditions will vie with each other in the State Audition which will be held at KPO, Monday evening, October 21, 10:30 to 12 o'clock. Radio fans throughout the state will be able to hear the voices that have been adjudged the best in various localities as they sign for the honor of representing the state in the District Audition which will also be held at KPO, Monday evening, November 18, 10 to 12 o'clock. Ten scholarships and \$25,000 in cash will be awarded to the winners of the National Audition, which will be held at New York.

* * *

An Englishman who made a special effort to avoid pronouncing words in the accepted Oxford manner, has been found in the San Francisco studios of the NBC. He is Harry De Lasaux, continuity writer and production department assistant, who admits that the "kidding" of his American friends led him to adopt "United States English" in preference to that of his native land.

The radio listeners that delight in thrilling mystery stories will enjoy the mystery plays that are being broadcast from station KTAB on Friday evenings. "Detective Byrne" takes the microphone at 9:30 and, with the KTAB players, endeavors to enact for his audience the most thrilling of his experiences.

* * *

KGW is sending a new program over the Northwest Triangle. It is called the "Vallant Perfumizers" and features a salon orchestra and a mixed quartette under the direction of Abe Bercovitz.

* * *

Maurine McCulley, talented young comedienne, is making a great hit in Johnston McCulley's mystery melodrama, "Who Killed the Caretaker?" broadcast every Thursday night from KFVB by the Herbert Heyes Players. Miss McCulley is the daughter of the author of the play, who is well known in newspaper and literary circles and wrote "The Mark of Zoro" for Douglas Fairbanks.

* * *

Clyde "Pete" Barlow, "percussion" in KFRC's concert orchestra, shoots around a 72 on the Lincoln golf course. "Pete" has had experience in all types of orchestras, from dance organizations to the Minneapolis Symphony Orchestra. He has been in vaudeville and played in hotel orchestras.

* * *

Mr. Nakamura Minoku, whose letter-head from Yamate, Oiso, Kanagawa-Ken, Japan, bears the proud inscription "licensed DX hunter in Mikado's country," writes KFI, Los Angeles, for verification of reception.

Mr. Nakamura Minoku reports:

"I have picked up programs broadcast by looking like your station on August 19 in the wavelength of about 468 meters.

He adds details sufficient to verify that it was KFI indeed that he heard.

* * *

Nulla Caravacci and Sophia Obradovich, who will be heard on the "Sierra Serenaders" program broadcast Saturday nights through KGO, Oakland, are newly-weds. Caravacci, a 23-year-old tenor, is a devotee of Tito Schipa and proudly boasts a letter from the opera star commending his radio admirer's voice. Sophia accompanies her husband.

* * *

The KGB Ko-Eds, popular girl band over KGB for many months, are now featured at the Green Hat Nite Club in San Diego and are heard over remote through KGB nightly.

ALL FOR only \$3.25

BROADCAST WEEKLY—For one year
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and as a free gift to you—

24 sepia finished pictures of popular players,
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If you are a present subscriber to either magazine you can take advantage of this offer and have your subscription extended for one year.

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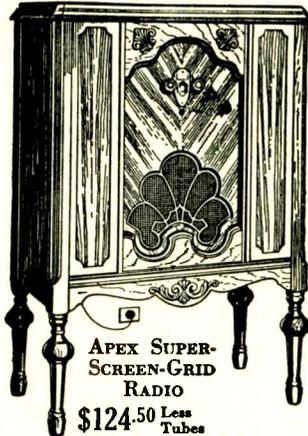
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Bunster & Saxe



1049 MARKET ST. OPP. GRANADA THEATER



“The head of a big rayon mills in Tennessee killed himself because he was out of his head, a coroner’s jury said.”

“Yeah—them hosiery ads drive me cuckoo too.”

* * *

“You know that new \$2,000,000 hotel? It advertises it’s ‘just like home.’”

“Well, if the windows rattle, that’s okay.”

* * *

“Say, Ed—a federal sleuth and a deputy sheriff killed each other down in Texas during a fight over a bootlegger.”

“Well now, there’s an idea.”

* * *

“What’s this, about the State of California going to test clams for toxic poisoning?”

“I seen that too. Even a clam ain’t got no rights these days.”

* * *

“A woman lept out of a hotel on Sutter Street and just missed a guy that was walkin’ on the sidewalk.”

“Maybe she’ll have better luck nex’ time, Ed.”

* * *

“A headline says, ‘Broken Leg Fails to Stop Bay Editor.’”

“Yeah? Why didn’t they hit him in the circulation?”

* * *

“What about this Freddie Stone of Plymouth, Eng., who’s so loaded with electricity he’s got to wear insulated shoes to keep from electrocutin’ himself?”

“Oh, that’s what they call current fiction, Ed.”

* * *

“Say, Rev. Bill Bridge of Hunter College stepped into a mess didn’t he? Takin’ a coed to lunch and gettin’ fired for it.”

“Mebbe he was practicin’ what he preached.”

* * *

“This boy Clifford Dabney, Angeleno oil man, says the Divine Order of the Royal Arm of the Great Eleven took his money and didn’t find any mines for him.”

“Didn’t he know a seven and a ’leven always gets the coin?”

* * *

“An Eastern dame—Mrs. T. G. Winters, ex-president of the Women’s Federated Clubs of Chicago, says stupidity, Ed, is the curse of the movies.”

“Hum—that makes it unanimous.”

A super-radio
for people who
want super-
performance

PHILCO

**BALANCED-UNIT
RADIOS**

TONAL fidelity that is note-perfect—hair-line selectivity—tremendous distance range—cabinets finished in costly imported woods—all these are at last available *combined* in a single radio!

The new All-Electric Philco Balanced-Unit Highboy is in every way the finest radio that you can buy anywhere, at *any price*.

Balanced Units

By extraordinary engineering, Philco has attained a precise electrical balance of all units in every Philco model; an achievement directly responsible for the unsurpassed tone, distance and selectivity which set a new high standard of radio performance, and every Philco is balanced to use **TWO** 245 power tubes, push-pull.

Tune in on the PHILCO Hour, Friday Evenings, 6:30 P. M., P. S. T.—NBC Stations
"A Transcontinental Broadcast"

PHILCO

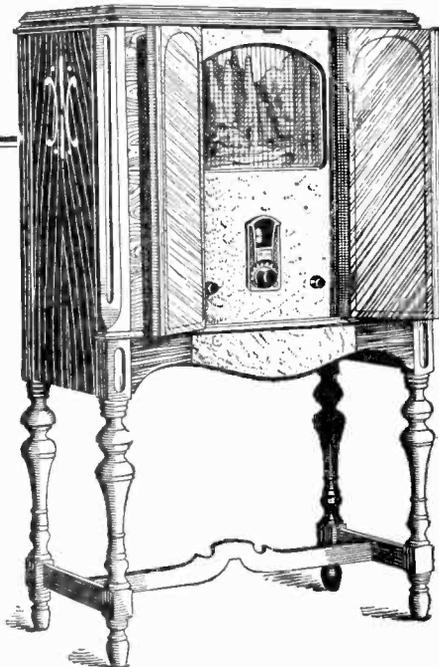
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PHILCO HIGHBOY

Finished in bird's-eye maple and matched Oriental walnut. Balanced-Unit Neutrodyne-Plus circuit, built-in matched *Electro-Dynamic* Speaker and Acoustic Equalizers. Push-pull amplification for two of the new 245 power tubes.

\$159.50

Screen-Grid \$149.50

Tubes Extra

A complete range of models, Neutrodyne-Plus or Screen-Grid circuit, priced from \$72.00 to \$215.00.

The STATUS of TELEVISION

By MAX BEHR

ANXIOUS to know precisely what was the exact status of television, as to its utility, availability for public consumption, and general value, a special committee of the Radio Manufacturers' Association of New York was appointed recently to make a survey of the entire field and its developments. The committee compiled much interesting data, which is contained in an official report filed by D. E. Replogle, chairman, the highlights of which are given herewith.

First and foremost, the committee found that:

1. None of the stations broadcasting television have put on the air signals or broadcasts intended to have an entertainment value.

2. The radio commission has been flooded with requests for television permits. A great number of these have been granted, and many stations are on the air with regular schedules and others, principally on the Pacific Coast, with irregular schedules.

3. All transmitting, to date, is purely experimental to solve the difficulties of transmission and reception, the determination of the best working zones, the degree of interference with other forms of broadcasts, and the distances to which such signals can be successfully transmitted.

4. The transmission of pictures in natural colors by the Bell laboratories in New York City, was accomplished at enormous cost, which placed it beyond public availability.

5. There are a few systems which are able to transmit pictures with fair success, none with complete success and many of no value whatsoever.

6. Talking picture films will probably be the first subject matter medium used, because of the fact that both vision and sound can be picked up from the films, and with greater facility and practicability than by direct pickups.

7. That transmission of this nature would require sight and sound channels, completely separated on the air, which is already over-congested with demands.

8. That special and costly transmitting and receiving apparatus is necessary to broadcast television with any degree of satisfaction, the amplifiers alone being forced to work with a range from 20 to 50,000 cycles per second for sight transmission, eliminating completely present broadcast receivers which operate with a frequency range of from 50 to 5000 cycles.

The general conclusion which the committee drew from all its available data and which seems to be the one with which the public is most directly concerned is that the present broadcast receiver cannot be either used or adapted to television reception. This leads to the conclusion, and this is well known to engineers, that radio receivers which are being sold with a "television attachment" are worse than useless.

In addition, it will be almost certainly necessary that any television receiver sold to the public will not be of the battery type, but will have to be operated from the house lighting circuits, if for no other reason than to insure synchronism, or the keeping in step of receiver and transmitter, which is absolutely essential for any picture reception. And even this form of synchronism is unsatisfactory for, as every user of current knows, the lights fluctuate from time to time and this is fatal in television reception.

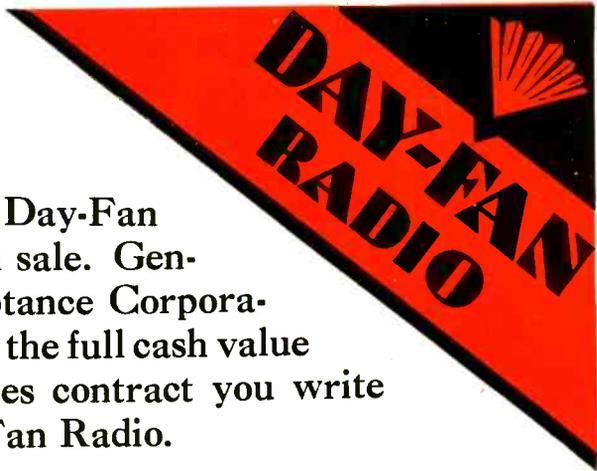
The committee's report concludes:

"As in all new arts, problems are constantly arising, but in few arts has there been such a wealth of experience and material with which to work as there is at the present time in the art of television. It is, therefore, not unreasonable to suppose that while the advent of interesting commercial television is not yet here, it may be close upon us and that we can look forward to the future with confidence that radio will be no longer blind."

A review of the New Zealand radio market reveals that the American electrically operated radio receiver is rapidly displacing the battery-powered instrument, according to a report made public by the Department of Commerce.

It is barely six months since the first electric radio was introduced to New Zealand, but even in so short a time it has succeeded in making heavy inroads on sales of battery types, and for the time being the local market is in a decidedly unsettled state. It is reported that battery sets, of which large stocks are still held, are being marketed at practically cost price by local wholesalers and retail establishments, and in some cases prices have been cut to below cost figures.

The number of licensed wireless receiving sets in the Dominion as of December 31, 1928, amounted to 42,801, an increase of 4616 over 1927, according to the government returns.



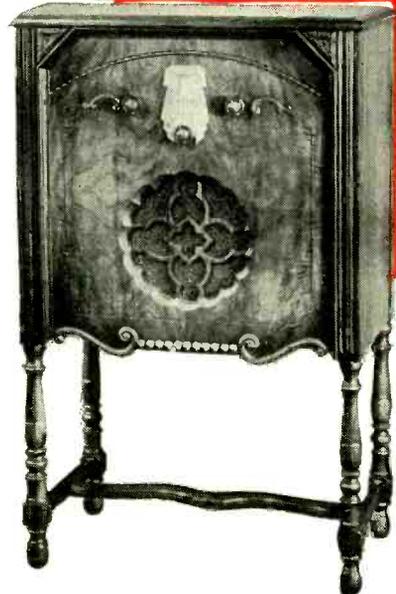
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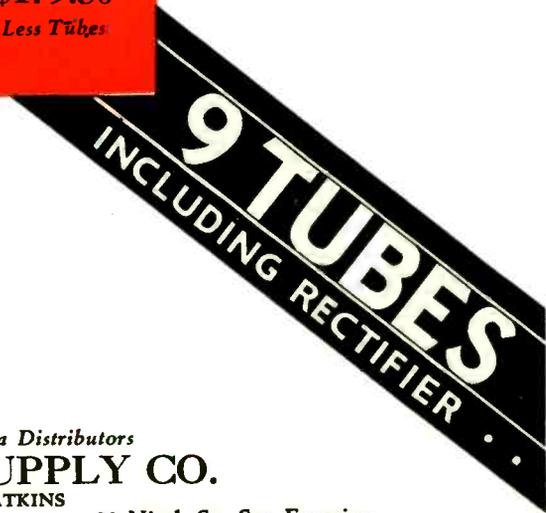
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MYSTERIES OF RADIO

By E. M. SARGENT

YOU can't see it, but it's there! Sixty to two hundred miles overhead, depending on where you are, the Heaviside layer, like a spherical shell, completely surrounds the earth. It is named after the British scientist who first predicted its existence.

It is a well-known fact that the conductivity of air varies with the pressure. At sea level, or, more correctly, at a pressure of fifteen pounds to the square inch, dry air is a good insulator. As the pressure is lowered, either artificially in the laboratory or by greater altitude in the atmosphere, a point is reached at which air becomes a good conductor of electricity. At this pressure air is just as good a conductor as metal, so that for electrical purposes we may look upon the earth as being completely encased in what could just as well be a metallic shell. This shell tends to keep radio signals confined within it and also to ward off any signals that might be approaching the earth from the outside—if there are any out there. The pressure that makes air into an electrical conductor is rather critical, and either an increase or decrease in pressure will again restore its insulating qualities. Thus, outside of the conducting shell, or Heaviside layer, the air is again an insulator.

An electrical condenser of gigantic proportions is formed by the Heaviside layer and the earth. For those who like figures, it is about 3000 farads. This vast condenser is coupled electrically to every radio condenser and antenna system on the earth's surface, and serves to join them all together, making it possible for one antenna to radiate energy into another located at any point on the earth's surface. If it were not for the Heaviside layer it is more than likely that we would not be able to use radio over distances of more than fifty miles.

There are many things going on in the Heaviside layer about which we have very little knowledge. Prof. Goddard's rocket, when perfected, may increase our knowledge of the upper atmosphere, and in the meantime it forms an interesting subject for speculation. There are undoubtedly electric currents of tremendous magnitude flowing up above our heads, and it is possible that these may be responsible for the earth's magnetism. The sun and earth are both electrically charged and to different potentials. Without knowing which is positive and which negative, we do know that the sun, if positive, will pull the Heaviside layer electrons to the side upon which it is shining, and if negative

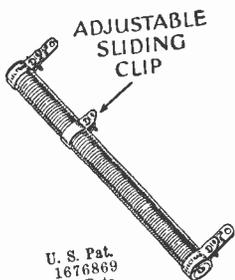
will repel them to the opposite side. In any event the effect will be the same—to hold them in a fixed position against the earth's rotation, resulting in a flow of electrons from east to west through our atmosphere. At the earth's surface the magnetic field of this Heaviside layer current is in the same direction as the field which we refer to as the earth's magnetism and which operates our compasses. Possibly all this is coincidence, but more than likely there is a connection.

Radio waves, heat waves and light waves are all undulations of the same medium, called the ether, the only difference between the three being in wavelength. Some substances are "transparent" to some waves and "opaque" to others, some allow all to pass, while still other materials obstruct them all. Glass, for example, will pass light and electro-magnetic (radio) waves, but will obstruct heat. Porcelain and wood pass radio waves, but obstruct light and heat, while metals, at ordinary temperatures, obstruct all three. The Heaviside layer, as we can see, is almost perfectly transparent to light, and it also passes heat, but obstructs the waves at the electrical end of the spectrum. Just at what wavelength the transparency ceases and the opacity starts is not definitely known. At the wavelengths used for radio broadcasting, the Heaviside layer is extremely opaque, so that it would form a very definite obstacle to waves which might be arriving from outside the planet. Thus "signals from Mars," which are from time to time reported as being heard, would be pretty well excluded at these wavelengths.

Recent investigations indicate that at the shorter waves it may be a different story. Experiments with radio echoes have shown that at certain wavelengths and under special conditions a radio echo will be received from three to twenty-five seconds after the instant of transmission. Radio waves travel at a speed of about 186,000 miles per second, so a question immediately arises as to the whereabouts of the wave during the interval. Some investigators think the waves might go right through the Heaviside layer and be reflected back by the moon or by some distant planet. However, a check-up usually fails to show any known heavenly body at the distance which the time interval would require. Barring the possibility of there being reflecting media in empty space it would appear as if these particular waves penetrate part way into the Heaviside layer only to be turned back.

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

By MADONNA M. TODD

AN INNOVATION in aerial entertainment is the "Woman's Magazine of the Air," an NBC broadcast heard every week-day excepting Saturday, between 10:30 and 11:30 o'clock.

With its estimated audience of more than 3,000,000, this unusual program is well worth seeing in production.

The brain-child of an NBC commercial manager, the "Woman's Magazine of the Air" grew in less than two years from a single morning program to five—one-hour broadcast of 15 features. Bennie Walker "edits" them, announces, and comes again before the microphone to sing and to read poetry.

An hour filled with sparkling humor, the serious business of housekeeping, instrumental music and solos, the "Woman's Magazine of the Air" is interesting to watch.

"Outside looking in?"

No, settled against the heavily draped wall, near the console of the big pipe organ, feeling the warmth of the busy studio and the spirit of good-fellowship that goes out through the air from the half dozen domestic science experts and artists who are entertaining.

Everything in readiness, the green light flashes on the brown carbon mike and Spokane, Seattle, Portland, San Francisco, Oakland, Los Angeles and the miles of surrounding territory hear "Good News" played by Joseph Hornik's band.

Where everything apparently was confusion, quiet reigns and the program progresses with clock-like precision.

Came the familiar comments from Bennie . . . "keep that old smile smiling" . . . and the others by which he voices greetings and sends happiness into a lot of homes.

My visit was Monday and Marjorie Gray followed Ben to the microphone, going to talk for the Brazilian-American Coffee Committee. John Barry and an organ recital followed.

"That's the Monday routine," Bennie explained. "You've heard Peggy Chapman singing today, but October 21 you'll hear Eileen Piggott, soprano, and William Powers, the colored tenor."

"And on the other days?" we ask.



HELEN WEBSTER

"Tuesday, Ann Holden will describe fashions of preparing gill-fish and present some suggestions for the Halloween party. She talks for Wright, on mayonnaise and during the Wedgewood feature," Bennie answered, reading from his review. Then he added, "And I review *Sunset Magazine* . . . its typically western now, and is devoted especially to the home and garden. Gwynfi Jones and Barbara Blanchard will sing 'Forever and Ever,' 'Bon Jour MaBelle,' and several other songs." Then thoughtfully:

"If you want to see fun, you should visit us when the Oronite comedy-trio is on—Magnolia, Henry and Charley. They're just as amusing to the spectator at the studio as they are when you hear them."

"They're on Wednesday, with Helen Webster talking on 'Top Cooking' and Christmas gift-making for the Pacific Gas Association, and Fullers. The singers are John and Ned and Harry Stanton."

"There's a new feature which Ann Holden will read, sponsored by California Brand Catsup and the Rubynette talk will follow," he said. "Sara Treat describes the preparation of many viands on the Amaizo feature which closes Thursday's program and affords for the only time in the week the favored violin virtuoso, 'Don Amaizo.'"

Marian Gilbert will sing "If You Pass Through My Garden" and "April Showers," and the Halstead Trio is an added feature.

Friday brings the genial M. J. B. chef and Miss Holden talking for Kraft-Phoenix and Alpine on macaroni dishes prepared with velveta and fillings for cream pie.

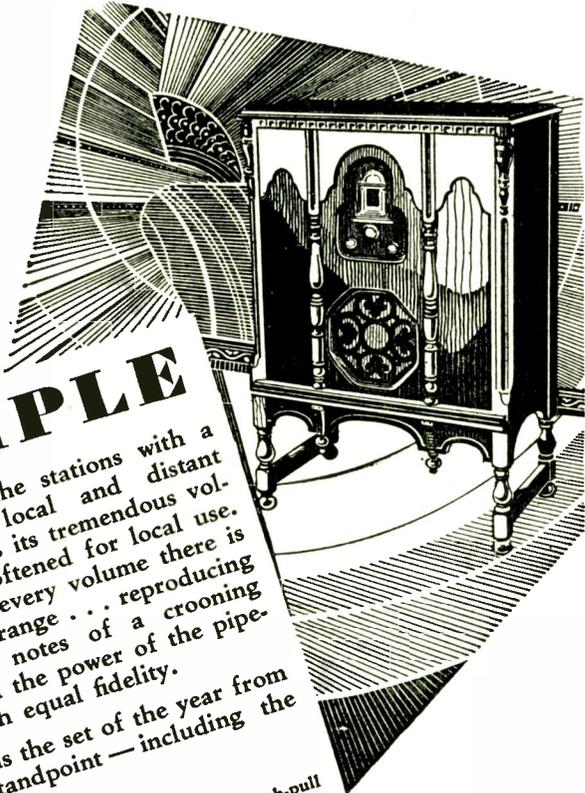
All the magazine family had escaped, manuscripts in hand, while Bennie reviewed the magazine for me. Even the artists were gone.

"Would you like to know something about the mechanics of this broadcasting business?" Bennie was asking. "It's interesting you know, to learn a few of the intricacies that radio engineers have to overcome to insure the smooth program—comparatively free from noise."

Next week: "Broadcasting the magazine as Ben Walker explains it."

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SUNDAY Programs

NBC

National Broadcasting Company

11 to 12:30 p.m.—Grace Cathedral Services

Rev. Edward Morgan is to be the guest preacher at the church services at Grace Cathedral, San Francisco, which will be broadcast through KGO.

1 to 2:30 p.m.—Dr. S. Parkes Cadman Cathedral Hour

Broadcast through KGO, KHQ and KOMO.

2:30 to 3:30 and 4 to 5 p.m.—Sunday Afternoon Concert

A colossal tone-picture of the Franco-Russian battle at Borodino and Napoleon's enforced retreat, Tchaikowsky's "1812 Overture," will introduce a two-hour Sunday afternoon concert program to NBC System audiences. The second hour of the musical matinee will be broadcast beginning at 4 o'clock.

The Tchaikowsky overture, to be interpreted by the National Concert Orchestra under Charles Hart's baton, was composed for the consecration of a Moscow temple built to celebrate the Russian victory at the battle.

For the first time, the quartet of women vocalists regularly heard on this program will be presented during the opening hour. Composed of Barbara Blanchard and Ethel Wakefield, sopranos, and Eva Gruninger Atkinson and Margaret O'Dea, contraltos, the group will sing gospel hymns and art songs.

A guest soloist will contribute several numbers in the second portion of the concert.

Broadcast through KGO and KOMO; KHQ from 2:30 to 3:30 p.m. and KGW from 2:30 to 3:30 and 4:30 to 5 p.m.

3:30 to 4 p.m.—Whittall Anglo-Persians

Tchaikowsky's "Nutcracker Suite" brings a touch of fairyland to the Whittall Anglo-Persians' broadcast. The musical story of the "Nutcracker Suite" is patterned after a fairy legend about a tiny girl who has broken her giant nutcracker and in her dream a score of fairies and gnomes present themselves.

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

5 to 5:45 p.m.—Program by Grace Le Page, Annabelle Jones Rose and Carrie J. Teel, broadcast through KGO.

5:15 to 6:15 p.m.—Collier's Radio Hour

Several features of the Collier's Radio Hour released tonight include dramatizations of short stories of romance and adventure.

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

5:45 to 6:15 p.m.—Hudson Bay Fur Company program through KGO.

6:15 to 7:15 p.m.—Atwater Kent Program

Efrem Zimbalist, one of the great violin virtuosos of the day, is to be the recitalist on the Atwater Kent program. Although the career of Zimbalist began in Russia, his birthplace, he is an American artist by choice. Since 1911 his home has been in America, and he is a great factor in the musical life of New York City.

Zimbalist is noted for maturity of execution and for the tone he commands from his "Titian" Stradivarius, considered by many the most beautiful to be heard.

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

7:15 to 7:45 p.m.—Studebaker Champions

Fred Waldner and the Studebaker Piano Twins will be on the air tonight, playing with Jean Goldkette's Studebaker Champions for the nation-wide audience of NBC System stations.

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

7:45 to 8 p.m.—"Enna Jettick Melodies"

The Enna Jettick artists are Barbara Blanchard, Eva Atkinson, Myron Niesley and Austin Mosher, whose voices are heard with the orchestra under Joseph Hornik's baton.

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

8 to 9 p.m.—The Pilgrims, through KGO.

9 to 9:30 p.m.—The Reader's Guide, through KGO.

9:30 to 10 p.m.—Stanislas Bem's Little Symphony through KGO.

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

Tribune Publishing Co., Oakland, Calif.

5 to 6 p.m.—Charles T. Besserer at Scottish Rite organ

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

The Morning Oregonian, Portland, Oregon

10 to 11 a.m.—International Bible Students

11 to 12:30 p.m.—Church service

12:30 to 1 p.m.—Studio program

1 to 1:30 p.m.—Catholic Truth

1:30 to 2:30 p.m.—Organ recital

2:30 to 3:30 p.m.—Afternoon concert, NBC

3:30 to 4 p.m.—Whittall Anglo Persians, NBC

4 to 4:15 p.m.—Baby Boudoir

4:15 to 4:30 p.m.—Dental talk

4:30 to 5 p.m.—Sunday Concert, NBC

5 to 5:15 p.m.—Book Chat

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.—Enna Jettick Melodies, NBC

8 to 8:30 p.m.—Baker's Enna Jetticks

8:30 to 9 p.m.—Rollickers

9 to 9:30 p.m.—Blumauer Frank

9:30 to 10 p.m.—Montag Fireside Hour

10 to 11 p.m.—Little Symphony Orchestra

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

Fisher's Blend Station, Seattle, Washington

10 a.m.—International Bible Students' Assoc.

11 a.m.—Dorothea Wei, contralto, and Fred Lynch, tenor

11:15 a.m.—Plymouth Congregational Church

12:15 p.m.—Orchestra; Fred Lynch, and VeOna Socolofsky

1 p.m.—Dr. S. Parkes Cadman, Cathedral Hour, NBC

2:30 p.m.—Orchestra; Greenwood Mitchell and VeOna Socolofsky

3:30 p.m.—Whittall Anglo-Persians, NBC

4 p.m.—Sunday concert, NBC

5 p.m.—Mixed quartet

5:15 p.m.—Collier Hour, NBC

6:15 p.m.—Atwater Kent program, NBC

7:15 p.m.—Studebaker Champions, NBC

7:45 p.m.—Enna Jettick Melodies, NBC

8 p.m.—First Church of Christ, Scientist

9 p.m.—Studio program

9:30 p.m.—Francesco Longo's Philharmonic Orchestra

10:30 p.m.—Artistic Ensemble

SUNDAY Programs

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

Pacific Broadcasting Corp., San Francisco
11 to 11:30 a.m.—Recordings
11:30 to 12 noon—Fox and Warfield Theater program
12 to 1:15 p.m.—Church services from Old St. Mary's
1:15 to 2:15 p.m.—Classical recordings
2:15 to 5 p.m.—Football from Kezar Stadium
5 to 6 p.m.—Recorded program
6 to 6:30 p.m.—Sidley Co. program
6:30 to 7 p.m.—Program for Fox and Warfield Theaters
7 to 8 p.m.—Pacific Artists' Trio, dir. Liborius Hauptmann; Dorothy Lewis, soloist
8 to 9 p.m.—Church services from Old St. Mary's
9 to 10 p.m.—Pacific Artists' Trio, under the direction of Liborius Hauptmann; Mary Atkinson, soprano soloist
10 to 11 p.m.—Byington Electric Co. program
11 to 12 midnight—Recorded program
12 to 1 a.m.—Universal Safety Co. all request program

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

Don Lee, Inc., Los Angeles, California
8 to 9 a.m.—Don Lee, Inc., program
9 to 10 a.m.—Pac. States Sav. & Loan program
11 to 12:30 p.m.—First M. E. Church
12:30 to 1:30 p.m.—Terpezone program
1:30 to 2 p.m.—From KFRC
2 to 2:30 p.m.—McKeelson and Robbins, CBS
2:30 to 3:15 p.m.—Recordings
3:15 to 4 p.m.—Art Fadden, pianist, KFRC
4 to 4:30 p.m.—Rabbi Magnin
4:30 to 4:45 p.m.—Brown Shoe Co., CBS
4:45 to 5 p.m.—Recordings
5 to 5:30 p.m.—Tea Time Three, KFRC
5:30 to 6 p.m.—Sonatron program, CBS
6 to 7 p.m.—Majestic Theatre of the Air, CBS
7 to 8 p.m.—First M. E. Church
8 to 11 p.m.—Program from KFRC
11 to 1 a.m.—Wesley Tourtellotte, organist

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

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

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

L. A. Evening Express, Los Angeles, Calif.
9 to 10 a.m.—Musical program
11 to 12:30 p.m.—First Presbyterian Church
12:30 to 1 p.m.—Musical program
1 to 2 p.m.—International Bible Students' Ass'n
2 to 4 p.m.—City Park Board musical program
4 to 5 p.m.—Radio Church of the Air
6 to 6:30 p.m.—Talk by Ernest Holmes
6:30 to 7 p.m.—Dr. Theodore Curtis Abel
7 to 7:30 p.m.—"The Man in the Moon"
7:30 to 8 p.m.—Male quartet and Harry Geise
8 to 9 p.m.—First Presbyterian Church
9 to 10:30 p.m.—C. Luboviski, violinist; Claire Mellonino, pianist; Walter V. Ferner, cellist

545.1 Meters **KTAB** **Channel 55**
550 Kcys. **500 Watts**
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.—Tenth Avenue Baptist Church
12:30 to 1 p.m.—Chapel of the Chimes
1 to 2 p.m.—Church of the Latter Day Saints
2 to 2:15 p.m.—Recordings
2:15 to 5 p.m.—Football game broadcast from Kezar Stadium by Willard Kimball
5 to 6 p.m.—Chapel of the Chimes
6 to 6:30 p.m.—Edison Hour
6:30 to 7 p.m.—Dr. Tindall
7 to 7:30 p.m.—Studio program
7:30 to 9:30 p.m.—Tenth Avenue Baptist Church
9:30 to 10 p.m.—Dance recordings
10 to 11 p.m.—The Three Doctors of the Blues
11 to 1 a.m.—The Night Owls

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

J. Brunton & Sons, San Francisco, Calif.
8:30 to 9 a.m.—Records
9 to 9:30 a.m.—Esrey program
9:30 to 10 a.m.—Popular records
10 to 10:30 a.m.—Sunshine Half Hour
10:30 to 11 a.m.—Recorded music
11 to 11:30 a.m.—Selix program
11:30 to 12 noon—Popular concert music
12 to 12:30 p.m.—Les Poe and Jack Dean
12:30 to 1 p.m.—Thorobred Tunes
1 to 1:30 p.m.—HotNKold Melodies
1:30 to 2 p.m.—Popular record program
2 to 2:30 p.m.—Chas. William Warriner, baritone
2:30 to 3 p.m.—Crescendo Trio
3 to 3:30 p.m.—Mabel H. Payne, soprano
3:30 to 4 p.m.—Variety record program
4 to 5 p.m.—Saphire program
5 to 5:15 p.m.—Popular records

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

Nichols & Warinner, Long Beach, Calif.
7 to 9 a.m.—Remote control, KGfJ
9 to 10 a.m.—Orchestra and light opera records
10 to 11 a.m.—Organ recital
11 to 12:30 p.m.—St. Luke's Episcopal Church
12:30 to 1 p.m.—Musical program
1 to 2 p.m.—Hollywood Girls
2 to 2:30 p.m.—Rebroadcast, KGfJ
2:30 to 4 p.m.—Long Beach Municipal Band
4 to 5 p.m.—Organ recital
5 to 5:30 p.m.—Studio orchestra
5:30 to 6 p.m.—Doris, Grace and Foster
6 to 6:30 p.m.—Eml and Clem
6:30 to 7 p.m.—Studio orchestra
7 to 8 p.m.—Hollywood Girls
8 to 9 p.m.—First Church of Christ, Scientist
9 to 11 p.m.—Distributor's Nite
11 to 3 a.m.—Watch Hospital, KGfJ

232.6 Meters **KDYL** **Channel 129**
1290 Kcys. **1000 Watts**

Intermountain Broad. Corp., Salt Lake City
5 p.m.—Popular recordings
5:30 p.m.—Art Kahn and his Sonatrons, CBS
6 p.m.—"Majestic Theater of the Air," CBS
7 p.m.—Arabesque, CBS
7:30 p.m.—Around the Samovar, CBS
8 p.m.—"Back Home," CBS
9 p.m.—"The Cadillac 8," "hot-cha" dance music
9:30 p.m.—Popular recordings
10 p.m.—Dance music

SUNDAY Programs

440.9 Meters Channel 68
680 Kcys. KPO 5000 Watts

Hale Bros. & The Chronicle, San Francisco
9 to 9:45 a.m.—Sabbath Hour with Theodore Strong, organist, and the Clarions
9:45 to 10:45 a.m.—Interdenominational and non-sectarian church services. Dr. Lloyd C. Carrick, St. John's Presbyterian Church
10:45 a.m.—Bank of America of California
12 to 1 p.m.—KPO Salon Orchestra
1 to 2 p.m.—Afternoon musicale by Uda Waldrop with Marguerite Rass Waldrop, soprano
2 to 2:15 p.m.—Talk, Elmer Robinson
2:15 to 5 p.m.—Football broadcast, St. Mary's vs. Gonzaga, Kezar Stadium
5 to 5:15 p.m.—Bank of America; baseball scores
5:15 to 6:15 p.m.—Collier Hour, NBC
6:15 to 7:15 p.m.—Atwater Kent program, NBC
7:15 to 7:45 p.m.—Studebaker program, NBC
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 8:30 p.m.—No. Amer. Building-Loan Assn
8:30 to 9 p.m.—Rudy Seiger and his Fairmont Hotel Concert Orchestra
9 to 10 p.m.—Abas String Quartette, with Myrnard Jones, basso
10 to 10:15 p.m.—News digest, "Scotty" Mortland
10:15 to 10:30 p.m.—Narrative organ recital, Theodore Strong

322.4 Meters Channel 93
930 Kcys. KFWM 500 Watts

Oakland Educational Society, Oakland, Cal.
9:45 to 11 a.m.—The Watch Tower program
11 to 12 noon—Musical program
12 to 1 p.m.—The Aeolian Trio
1 to 1:25 p.m.—Bible questions and answers
1:25 to 2:30 p.m.—The Watch Tower program
6 to 7:45 p.m.—The Watch Tower program
9:15 to 10:15 p.m.—Special Japanese program

230.6 Meters Channel 130
1300 Kcys. KGEF 1000 Watts

Trinity Methodist Church, Los Angeles, Cal.
9:20 a.m.—Story Hour
10 a.m.—Claude L. Heskett's Bible class
10:45 a.m.—Trinity Methodist Church
2 p.m.—Epworth M. E. Church
3 p.m.—West Coast Academy of Music
4 p.m.—Lutheran Churches of So. Calif.
4:30 p.m.—Hired Man
7 p.m.—Prelude Questions

508.2 Meters Channel 59
590 Kcys. KHQ 1000 Watts

Louis Wasmer, Inc., Spokane, Washington
9:30 to 10 a.m.—Uncle Billy reads the funnies
10 to 11 a.m.—Children's Bible class
11 to 12 noon—Central M. E. Church
12 to 1 p.m.—Concert orchestra
1 to 2:30 p.m.—Dr. S. Parkes Cadman, NBC
2:30 to 3:30 p.m.—Afternoon concert, NBC
3:30 to 4 p.m.—Whittall Anglo-Persians, NBC
4 to 5:15 p.m.—Concert orchestra
5:15 to 6:15 p.m.—Collier Hour, NBC
6:15 to 7:15 p.m.—Atwater Kent, NBC
7:15 to 7:45 p.m.—Studebaker Champions, NBC
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 9 p.m.—All Saints' Cathedral
9 to 9:30 p.m.—Blumauer Frank, NWT
9:30 to 10:30 p.m.—Cities Service concert

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

General Electric Co., Oakland, California
11 a.m.—Grace Cathedral service, S. F.
1 to 2:30 p.m.—Dr. S. Parkes Cadman, Cathedral Hour
2:30 to 3:30 p.m.—Sunday Concert
3:30 to 4 p.m.—Whittall Anglo-Persians
4 to 5 p.m.—Afternoon concert
5 to 5:45 p.m.—Grace LePage, lyric soprano; Annabelle Jones Rose, contralto; Carrie Jones Teel, concert pianist
5:45 to 6:15 p.m.—Hudson Bay Fur program
6:15 to 7:15 p.m.—Atwater Kent program
7:15 to 7:45 p.m.—Studebaker Champions
7:45 to 8 p.m.—Enna Jettick Melodies
8 to 9 p.m.—The Pilgrims
9 to 9:30 p.m.—"The Reader's Guide," Joseph Henry Jackson
9:30 to 10 p.m.—Stanislas Bem's Little Symphony, Hotel Whitecomb, San Francisco

322.4 Meters Channel 93
930 Kcys. KFVI 500 Watts

Radio Entertainments, San Francisco, Calif.
3 to 4 p.m.—Stringed trio
4 to 5 p.m.—Emile Rovegno, song recital, and assisting artists
5 to 6 p.m.—Request recordings
7:50 to 9:15 p.m.—Services, Fourth Church of Christ Scientist

236.1 Meters Channel 127
1270 Kcys. KOL 1000 Watts

Seattle Broadcasting Co., Seattle, Wash.
9:30 to 11:30 p.m.—Guy Olson's Scandinavian-American Dance Band

499.7 Meters Channel 60
600 Kcys. KFSD 1000 Watts

Airfan Radio Corp., San Diego, Calif.
10 to 11 a.m.—Novelty Hour
11 to 12 noon—Nash Chitwood Popular Hour
12 to 2 p.m.—Lloyd Peck's Old Time program
2:30 to 3:30 p.m.—Organ concert by Dr. Humphrey J. Stewart
8 to 8:30 p.m.—Mildred Marini, Richard Tetley and Ted Nauman
8:30 to 10 p.m.—Hutton's Hotel Del Coronado Concert Quartet with assisting artists

422.3 Meters Channel 71
710 Kcys. KFVD 250 Watts

Auburn Fuller, Culver City, Calif.
8 a.m.—Popular program
9 a.m.—Organ requests
10 a.m.—Classical program
1 p.m.—"Inspiration"
2 p.m.—Hal Roach Comedy Gossip
2:30 p.m.—Sacred half hour
3 p.m.—Auburn Hour
4 p.m.—De Witt Hagar's program
9 p.m.—Community program
11 p.m.—Records

267.7 Meters Channel 112
1120 Kcys. KFSG 500 Watts

Angelus Temple, Los Angeles, California
8 to 9 a.m.—Sabbath Sunrise Hour
9 to 10:30 a.m.—Symphony orchestra
10:30 to 12:30 p.m.—Sunday morning worship
2:30 to 4:30 p.m.—Dispensational Message
6:30 to 7 p.m.—Angelus Temple Silver Band
7 to 8 p.m.—Musical Hour
8 to 10 p.m.—Revival service
10 to 11 p.m.—Music Lovers' Hour

MONDAY Programs

NBC

National Broadcasting Company

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

An organ recital by Elmer Crowhurst, assisted by William Powers, will be a feature of the “Woman’s Magazine of the Air” broadcast.

Marjorie Gray, Bennie Walker and John D. Barry are the Magazine staff speakers. Miss Gray’s talk, “Lines of Demarcation in Party Giving,” will be heard during the Brazilian-American Feature. The “Woman’s Magazine of the Air” will be reviewed by Walker, and Barry will talk on the correct use of the English language.

Eileen Piggott, soprano, and Powers, tenor, are the soloists of the day.

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

11:30 to 1 p.m.—Rembrandt Trio, through KGO.

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

A chorus of 300 voices and an organ soloist will be heard during the course of the broadcast, which will be released through KGO, KOMO and KPO.

5:30 to 6 p.m.—Aunt Betty Kiddies’ Klub, through KGO.

6 to 6:30 p.m.—Edison Program

Frank Black will direct the Edisonsingers and an orchestra in another half hour Edison program dedicated to the favorite melodies of a famous person during the broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.

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

As a nation-wide audience listens, the weekly General Motors Family Party will be broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.

7:30 to 8 p.m.—“The Empire Builders”

Harvey Hays will be the central figure in a dramatized version of an event in western history when “The Empire Builders” go on the air through KGO, KHQ, KOMO, KGW, KPO and KFI.

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

Appearing before the microphone in the triple role of announcer, director and violin soloist, Rudy Seiger and his Shell Symphonists will be heard through KGO, KHQ, KOMO, KGW, KPO and KFI.

9 to 9:30 p.m.—“Voice of Firestone”

Semi-classics and those selections which project best when interpreted by choristers, orchestra and soloists, will entertain the audience tonight. Mynard Jones will direct the vocal ensemble. Max Dolin will conduct the orchestra and Easton Kent, tenor, and Marian Gilbert, contralto, will be the soloists.

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

9:30 to 10 p.m.—Plantation Echoes

Voices with a decided southern drawl and simple unsophisticated melodies typical of the old South mark the “Plantation Echoes” program. Judge Chandler and familiar associates of this old southerner will entertain once more during the half hour.

Broadcast through KPO, KSL and KOA.

9:30 to 10 p.m.—A Grace Sanderson Michie Miniature Biography, KGO.

10 to 11 p.m.—Slumber Hour

Dvorak’s familiar melody, “Humoresque,” will be heard first on this program. The concert orchestra will carry on with “In a Pagoda” and Ketelbey’s “Algerian Love Song.” Rich in the coloring of the East, the latter selection reflects the impression of Algeria made upon the traveling English composer.

The “Liebestraum,” one of the best known of Liszt’s works, also will be heard during the hour.

Max Dolin will direct the orchestra. Lucile Kirtley and Harold Spaulding are the vocalists.

Broadcast through KGO, KSL and KOA.

11 to 12 midnight—Henry Halstead’s Hotel St. Francis Dance Orchestra, KGO.

285.5 Meters

1050 Kcys.

KNX

Channel 105

5000 Watts

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

6:45 to 8 a.m.—Health exercises

8 to 8:15 a.m.—Record program

8:15 to 8:30 a.m.—Inspirational talk

8:30 to 8:55 a.m.—Record program

9:30 to 10 a.m.—Radio shopping news

10 to 10:30 a.m.—Town Crier’s message

10:30 to 11 a.m.—Household Economics

11:30 to 12 noon—Maytag So-A-Tone broadcast

12 to 12:30 p.m.—Musical program

12:30 to 12:45 p.m.—Bell Laboratories

1:30 to 2 p.m.—The Bookworm

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

3:30 to 4 p.m.—Clark’s Blue Monday frolic

4 p.m.—Announcements; stock market reports

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

5 to 5:15 p.m.—Travelogue

5:15 to 5:45 p.m.—“Own Your Own Home”

5:45 to 6 p.m.—Town Crier’s amusement tips

6 to 7 p.m.—Organ program

7 to 7:30 p.m.—KNX feature artists

7:30 to 8 p.m.—One-act play, dir. by Georgia Fifield

8 to 9:30 p.m.—Feature program

9:30 to 10 p.m.—So-A-Tone program

10 to 12 midnight—Cocoon Grove Orchestra

12 to 1 a.m.—Courtesy program

239.9 Meters

1250 Kcys.

KFOX

Channel 125

1000 Watts

Nichols & Warinner, Long Beach, Calif.

5 to 7 a.m.—Remote Control, KGFJ

7 to 7:30 a.m.—Hello Everybody

7:30 to 8:30 a.m.—Records; news items

8:30 to 9 a.m.—Hirshfield’s High Steppers

9 to 9:30 a.m.—Recordings

9:30 to 9:50 a.m.—Hawaiian program

9:50 to 10 a.m.—Novelty songs

10 to 11 a.m.—Organ recital from Merithew’s,

Roy L. Medcalfe at the console

11 to 11:30 a.m.—Varsity Boys; beauty talk

11:30 to 12 noon—Varsity Boys; news reports

12 to 2 p.m.—Records, latest releases

2 to 3 p.m.—Health talk; records

3 to 3:30 p.m.—Organ recital

3:30 to 4 p.m.—Recordings

4 to 5 p.m.—Varsity Boys; news

5 to 5:30 p.m.—Organ recital

5:30 to 6 p.m.—Southern Hawaiian Trio

6 to 6:05 p.m.—Lost and Found Department

6:05 to 6:30 p.m.—Studio orchestra

6:30 to 7 p.m.—Kaal Hawaiian Trio

7 to 8 p.m.—Suydam’s Buttercream School

8 to 9 p.m.—Motor Tires Quartet

9 to 11 p.m.—El Patio Ballroom

11 to 11:30 p.m.—Majestic Ballroom

11:30 to 12 midnight—Silver Spray Orchestra

12 to 1 a.m.—KGFJ

MONDAY Programs

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

7 to 8 a.m.—Health exercises by Hugh Barrett
 Dobbs and William H. Hancock
 8 to 9 a.m.—Shell Happy Time by Hugh Barrett
 Dobbs and William H. Hancock
 9:30 to 10 a.m.—Dobbsie's Daily Chat
 10 to 10:30 a.m.—Helpful Hints for Housewives
 10:30 to 11:30 a.m.—Woman's Magazine of the
 Air, NBC
 11:30 to 11:45 a.m.—Art talk by Helen G. Barker
 11:45 to 12:05 p.m.—Time, Scripture, weather
 and announcements
 12:05 to 1 p.m.—Aeolian Trio
 1 to 1:30 p.m.—Jerry Jermaine
 1:30 to 2 p.m.—Ann Warner's Home Chats
 2 to 2:30 p.m.—The Aeolian Trio
 2:30 to 3 p.m.—School broadcast, Paul Pitman
 3 to 3:30 p.m.—Mormon Tabernacle Choir, NBC
 3:30 to 3:45 p.m.—P. S. Dept. of Commerce talk
 3:45 to 4 p.m.—Calif. State C. of C. talk
 4 to 5 p.m.—The Eventful Hour, "Don Thomp-
 son"
 5 to 5:50 p.m.—Children's Hour
 5:50 to 6 p.m.—News digest with "Scotty"
 Mortland
 6 to 6:30 p.m.—Edison program, NBC
 6:30 to 7:30 p.m.—General Motors' program,
 NBC
 7:30 to 8 p.m.—Empire Builders, NBC
 8 to 9 p.m.—Shell Symphonists program, NBC
 9 to 9:30 p.m.—Voice of Firestone program,
 NBC
 9:30 to 10 p.m.—Plantation Echoes, NBC
 10 to 12 midnight—State Audition, Atwater
 Kent Foundation's National Radio Audition

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

7 to 7:30 a.m.—Physical culture period by Dr.
 Philip M. Lovell
 7:30 to 7:40 a.m.—Stock Exchange reports
 7:40 to 8 a.m.—Don Lee, Inc., program
 8 to 9 a.m.—Alarm Clock, to KFRC
 9 to 9:15 a.m.—Recordings
 9:15 to 9:30 a.m.—Mme. Jeanne Forrest, soprano
 9:30 to 10 a.m.—Julie Wintz Orchestra, CBS
 10 to 11 a.m.—Agnes White, "At Our House"
 11 to 11:45 a.m.—Patterns in Prints, CBS
 11:45 to 12 noon—Normalizer Sales Syndicate
 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, organ recital
 1:30 to 2 p.m.—Charlie Wellman, to KFRC
 2 to 3 p.m.—Fada Radio program
 3 to 3:15 p.m.—Colonial Dames Corp. program
 3:15 to 3:30 p.m.—Western Air Express
 3:30 to 3:45 p.m.—M. Murray, Home Problems
 3:45 to 4 p.m.—Spanish lesson, Mrs. A. H. Do-
 herty
 4 to 5 p.m.—Chasin' the Blues
 5 to 5:30 p.m.—The Story Man
 5:30 to 6 p.m.—Don Lee Dance Band
 6 to 6:45 p.m.—Don Lee Orchestra and singers
 6:45 to 7 p.m.—World-wide News
 7 to 7:30 p.m.—Charles Shepherd's Symphony
 7:30 to 8 p.m.—Silverwood's program
 8 to 10 p.m.—Jamboree from KFRC
 10 to 11 p.m.—Mark Hopkins Hotel Orchestra
 11 to 12 midnight—Biltmore Hotel Orch.
 12 to 1 a.m.—Wesley Tourtelotte, organist

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

10:30 to 11 a.m.—Woman's Magazine of the Air
 11:30 to 1 p.m.—Rembrandt Trio
 3 to 3:30 p.m.—Mormon Tabernacle choir and
 organ recital, Salt Lake City
 5:30 to 6 p.m.—Aunt Betty (Ruth Thompson)
 stories, KGO Kiddies' Klub
 6 to 6:30 p.m.—Edison Recorders
 6:30 to 7:30 p.m.—General Motors
 7:30 to 8 p.m.—The Empire Builders
 8 to 9 p.m.—Rudy Seiger's Shell Symphonists
 9 to 9:30 p.m.—The Voice of Firestone
 9:30 to 10 p.m.—Miniature biography, Grace
 Sanderson Michle
 10 to 11 p.m.—Slumber Hour
 11 to 12 midnight—Henry Halstead's Hotel St.
 Francis Dance Orchestra, San Francisco

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

6:45 a.m.—Radio Time Clock music
 7 a.m.—Eye Opener program
 8 a.m.—Program of general interest
 9:45 a.m.—Talk by Dr. H. Arthur
 10 a.m.—Sessions Chimes; studio program
 12 noon—Organ music
 12:30 p.m.—Matinee Melodies
 4:45 p.m.—News items; weather reports
 5 p.m.—Service program
 6 p.m.—Sessions Chimes
 6:30 p.m.—Ranch Dance Band
 7 p.m.—Margaret Gray
 8 p.m.—Studio program
 9 p.m.—A little Sunshine, Ken Stuart
 9:30 p.m.—Charles Keating, tenor
 10 p.m.—Studio program

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

6:45 to 8 a.m.—Early Bird Hour
 8 to 9 a.m.—Favorite recordings
 9 to 9:30 a.m.—Helpful Hints to Housewives
 9:30 to 10 a.m.—Andy Anderson, pianist
 10 to 12 noon—Record program
 12 to 12:05 p.m.—Stock report
 12:05 to 1:45 p.m.—Popular records
 1:45 to 2 p.m.—Dr. Wiseman, health talk
 2 to 2:30 p.m.—Concert recordings
 2:30 to 2:45 p.m.—Matilda Rosenfeld, educ. talk
 2:45 to 3 p.m.—Records
 3 to 4 p.m.—Radio Rodeo
 4 to 4:30 p.m.—Al Sather, "Songs of the Mo-
 ment"
 4:30 to 5:15 p.m.—Record Varieties

499.7 Meters **KFSD** **Channel 60**
600 Kcys. **1000 Watts**
Airfan Radio Corp., San Diego, Calif.

8:45 to 9 a.m.—Good Cheer program
 9 to 10 a.m.—Morning Musical
 10 to 11 a.m.—Amy Lou
 11 to 12 noon—Lloyd Peck's Service Hour
 2:30 to 3:30 p.m.—Organ concert by Dr. Hum-
 phrey J. Stewart
 5 to 6 p.m.—Nightly Musical Review
 6 to 6:15 p.m.—Late news items
 6:15 to 7 p.m.—KFSD Concert Trio
 7 to 8 p.m.—Musical program
 8 to 8:30 p.m.—Studio program
 8:30 to 9 p.m.—Lena Frazee Studio Hour
 9 to 10 p.m.—Nashold's Downtown Ballroom
 10 to 11 p.m.—KFSD Variety Hour

MONDAY Programs

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

9 to 9:30 a.m.—Morning request recorded program
 9:30 to 10 a.m.—Program for Fox and Warfield Theaters
 10 to 11 a.m.—Recorded program
 11 to 12 noon—California Sunshine Hour, conducted by George Taylor
 12 to 1:30 p.m.—Popular recordings
 1:30 to 3:30 p.m.—Classical recordings
 3:30 to 6 p.m.—Recorded program
 6 to 6:30 p.m.—Sidley Co. program
 6:30 to 7 p.m.—Program for Fox and Warfield Theaters
 7 to 7:15 p.m.—George Taylor
 7:15 to 7:30 p.m.—Hazel Warner and Constance Piper
 7:30 to 7:40 p.m.—Cecil and Sally in the Funniest Things
 7:40 to 8:30 p.m.—Pacific Artists' Trio, under the direction of Liborius Hauptmann; Claire Upshur, soprano soloist
 8:30 to 9 p.m.—Hazel Warner, Constance Piper, George Nickson and "Little Miss Muffet"
 9 to 9:50 p.m.—Pacific Artists' Trio; Dorothy Lewis, soloist
 9:50 to 10 p.m.—Metro and Cosmo, the Politan Brothers
 10 to 11 p.m.—Byington Electric Co. program
 11 to 12 midnight—Recorded program
 12 to 1 a.m.—Universal Safety Company all request program

325.9 Meters **KOMO** **Channel 92**
920 Kcys. **1000 Watts**
Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services
 8 a.m.—Shell Happy Time
 9 a.m.—Y. M. C. A. health exercises
 9:15 a.m.—Organ recital
 10:30 a.m.—Women's Magazine of the Air, NBC
 11:30 a.m.—Marmola So-A-Tone broadcast
 11:45 a.m.—Orchestra; Greenwood Mitchell and VeOna Socolofsky
 12:15 p.m.—"What to Prepare for Dinner"
 12:30 p.m.—Concert orchestra
 1 p.m.—Orchestra; Agnes Skartvedt and VeOna Socolofsky, vocal duets; Hayden Morris, basso
 2 p.m.—Orchestra; Fred Lynch and Dorothea Wei
 3 p.m.—Tabernacle choir and organ recital, NBC
 3:30 p.m.—Orchestra; G. Donald Gray, baritone
 4 p.m.—Mining stock quotations
 4:15 p.m.—Kiddies' program
 4:45 p.m.—Stock, bond and grain quotations
 5 p.m.—Orchestra; Greenwood Mitchell and Agnes Skartvedt
 5:45 p.m.—Tim's Pep Rally
 6 p.m.—Edison Recorders, NBC
 6:30 p.m.—General Motors Party, NBC
 7:30 p.m.—Empire Builders, NBC
 8 p.m.—Seiger's Shell Symphonists, NBC
 9 p.m.—Voice of Firestone
 9:30 p.m.—Maytag So-A-Tone broadcast
 10 p.m.—Artistic Ensemble; G. Donald Gray, baritone
 10:45 p.m.—News flashes
 11 p.m.—Olympic Hotel Dance Orchestra, directed by Tiny Buret
 12 to 12:30 a.m.—Organ recital

545.1 Meters **KTAB** **Channel 55**
550 Kcys. **500 Watts**

Pickwick Broadcasting Co., Oakland, Calif.
 7 to 8 a.m.—Rastus and Sambo, the Eyeopeners
 8 to 9 a.m.—Recordings
 9 to 9:30 a.m.—Tenth Avenue Baptist Church
 9:30 to 10:30 a.m.—Recordings
 10:30 to 11 a.m.—Dr. B. L. Corley
 11 to 12 noon—Barney Lewis, Tabloid of the Air
 12 to 1 p.m.—Sterling Cosmopolitans
 1 to 1:30 p.m.—Chapel of the Chimes
 1:30 to 2 p.m.—Recordings
 2 to 3 p.m.—Organ recital
 3 to 4 p.m.—Melody Masters
 4 to 5 p.m.—Home Towners
 5 to 6 p.m.—Brother Bob's Frolic Hour
 6 to 6:30 p.m.—Sterling Cosmopolitans
 6:30 to 7 p.m.—Twilight Hour
 7 to 7:30 p.m.—Recordings
 7:30 to 8 p.m.—Program by Don
 8 to 9 p.m.—Organ recital
 9 to 10 p.m.—Travelogue with the Melody Masters
 10 to 11 p.m.—Pickwickians' Dance Orchestra
 11 to 1 a.m.—Night Owls, conducted by Willard Kimball

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

Copyright, 1929, E. C. Anthony, Inc., L. A.
 7:30 a.m.—Market quotations
 8 a.m.—Shell Happy Time
 9 a.m.—Sadye Nathan, beauty talks
 9:15 a.m.—Bess Kilmer's Hints to Housewives
 9:45 a.m.—Sylvia's Happy Hour
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 a.m.—Mental Exercises, Francis Hancock
 12 noon—U. C. & U. S. agriculture talks
 12:15 p.m.—Market reports
 2:15 p.m.—Winnie Fields Moore, Travelogue
 2:30 p.m.—California School of the Air
 3 p.m.—"Phenomena"
 3:50 p.m.—Better America Federation
 4 p.m.—Big Brother
 5:45 p.m.—Stock market reports
 6 p.m.—Edison Recorders, NBC
 6:30 p.m.—General Motors Party, NBC
 7:30 p.m.—Empire Builders, NBC
 8 p.m.—Shell program, NBC
 9 p.m.—Voice of Firestone, NBC
 9:30 p.m.—Violin recital by Purcell Mayer
 10 p.m.—Packard Concert Orch.; Pryor Moore, director
 11 p.m.—KFI News Bureau

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

Radio Service Corp., Salt Lake City, Utah
 5 p.m.—Informal studio program
 5:30 p.m.—Vocal and instrumental selections
 6 p.m.—Edison program, NBC
 6:30 p.m.—General Motors, NBC
 7 p.m.—Program of diversified musical selections
 7:30 p.m.—Great Northern Ry. program, NBC
 8 p.m.—Amos 'n' Andy, NBC
 8:15 p.m.—So-A-Tone broadcast
 8:45 p.m.—Hawaiian Duo
 9 p.m.—The Voice of Firestone, NBC
 9:30 p.m.—Plantation Echoes, NBC
 10 p.m.—Slumber Hour, NBC

267.7 Meters **KFSG** **Channel 112**
1120 Kcys. **500 Watts**

Angelus Temple, Los Angeles, California
 7 to 8 a.m.—Family Altar Hour
 10 to 11 a.m.—Sunshine Hour
 11 to 12 noon—Old Folks' Hour

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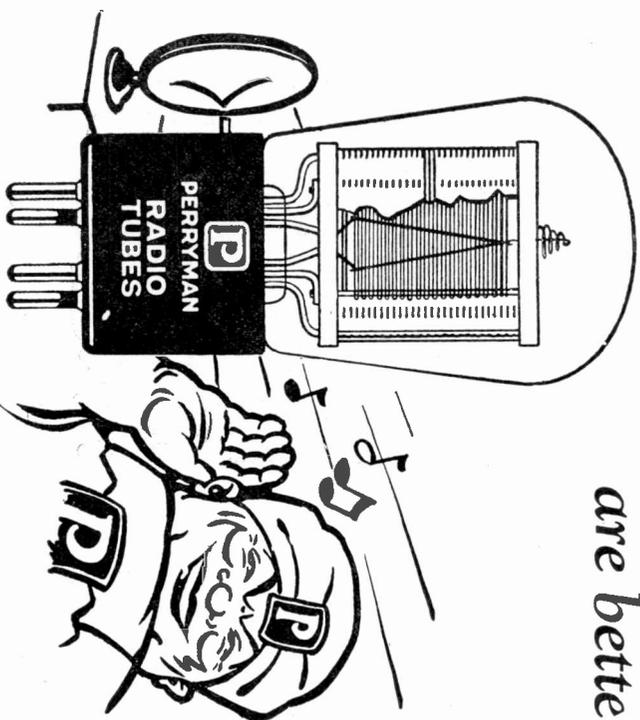
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MONDAY Programs

- 491.5 Meters** **KFRC** Channel 61
610 Kcys. 1000 Watts
 Don Lee, Inc., San Francisco, California
 7 to 8 a.m.—"Simpzy Pitts", N. Y. stocks
 8 to 9 a.m.—Alarm Clock, featuring Ralph Peterson, Ed Skritnik and Gene Byrnes, DLBS
 9 to 9:30 a.m.—Columbia Noon Day Club, CBS
 9:30 to 10 a.m.—Joemes' Orchestra, CBS
 10 to 11 a.m.—Wyn's Daily Chats
 11 to 11:30 a.m.—Mary Lewis Halmes
 11:30 to 11:45 a.m.—Raidalam program
 12 to 1 p.m.—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.—Aviation talk
 3:15 to 3:30 p.m.—U. C. Medical Dept. talk
 3:30 to 4 p.m.—H. V. Kattenborn, current events, CBS
 4 to 4:45 p.m.—E. Allman's Surprise Package, DLBS
 4:45 to 5 p.m.—Town Topics
 5 to 5:30 p.m.—Story Man and His Air Castle, DLBS
 5:30 to 6 p.m.—Hank Howe and his music, DLBS
 6 to 6:15 p.m.—Orchestra and soloists, DLBS
 6:15 to 6:30 p.m.—George F. Edwards of Coast Investor
 6:30 to 7 p.m.—To be announced
 7 to 7:30 p.m.—Eskimo Pie program
 7:30 to 8 p.m.—Paul Carson, pianist, and Juliet Dunn, soprano
 8 to 10 p.m.—"Golden State Blue Monday Jam-boree"
 10 to 10:10 p.m.—Baron Waste and Lucius Hopkins Orchestra, DLBS
 10:10 to 11:10 p.m.—Anson Weeks' Hotel Mark
 12:10 to 1 a.m.—Dorado Club Silver Pizz dance music
- 508.2 Meters** **KHQ** Channel 59
590 Kcys. 1000 Watts
 Louis Wasmer, Inc., Spokane, Washington
 7 to 7:30 a.m.—Sunrise Pep Period
 7:30 to 8 a.m.—Model Musical Klock
 8 to 9 a.m.—The Shell Happy Time
 9 to 10 a.m.—Musical Bazaar
 10 to 10:30 a.m.—Sunshine Liberty organ
 10:30 to 11:30 a.m.—Sunshine Magazine of the Air, NBC
 11:30 to 12 noon—"Farmers' Service Hour
 12 to 12:15 p.m.—Natl. Sav. Luncheon program
 12:15 to 12:30 p.m.—Musical program
 12:30 to 1 p.m.—Voice of Sparta
 1 to 1:30 p.m.—Crosley Musical Review
 1:30 to 1:45 p.m.—Modern Shops a la Mode
 1:45 to 2 p.m.—Fur Facts
 2 to 3 p.m.—Washington Home Service
 3 to 3:30 p.m.—Theatrical review
 3:30 to 4 p.m.—"Paint of Mine" Period
 4 to 5 p.m.—Concert orchestra
 5 to 5:30 p.m.—Matched Units Hour
 5:30 to 6 p.m.—Dutch Dough Boys
 6 to 6:30 p.m.—Edison Records, NBC
 6:30 to 7:30 p.m.—General Motors Party, NBC
 7:30 to 8 p.m.—Empire Builder, NBC
 8 to 9 p.m.—Seiler's Shell Symphonists, NBC
 9 to 9:30 p.m.—Voice of Firestone, NBC
 9:30 to 10 p.m.—Brunswick Brevities
 10 to 10:15 p.m.—Marmola, So-A-Tone
 10:15 to 10:30 p.m.—Matched Units Hour
 10:30 to 11:30 p.m.—KHQ Ensemble Hour
 11:30 to 12:30 a.m.—Organ concert
- 322.4 Meters** **KFWI** Channel 93
930 Kcys. 500 Watts
 Radio Entertainments, San Francisco, Calif.
 9 to 9:30 a.m.—Studio program
 9:30 to 10 a.m.—Shopping Tour
 10 to 10:30 a.m.—Songs of Yesterday, Charlie Gen
 10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linebarger
 10:50 to 11 a.m.—News items
 11 to 12 noon—Golden Gate Crier
 12 to 12:15 p.m.—Pal of the Air
 12:15 to 1 p.m.—Popular recordings
 1 to 1:30 p.m.—Country Store, Cal King
 1:30 to 2:30 p.m.—Popular recordings
 6 to 6:30 p.m.—Toyland
 6:30 to 7 p.m.—Popular request recordings
 8:30 to 8:45 p.m.—The Gloom Chasers, Truman Bishop Handy and Elgin Doane
 8:45 to 9 p.m.—Tom and Jerry
 9 to 11 p.m.—Studio program; news items
- 322.4 Meters** **KFWM** Channel 93
930 Kcys. 500 Watts
 Oakland Educational Society, Oakland, Cal.
 2:30 to 3 p.m.—Brother Walter
 3 to 3:30 p.m.—Piano recital
 3:30 to 4:30 p.m.—George Otto's Hawaiians
 4:30 to 5 p.m.—Tea Time Tabloid
 5 to 6 p.m.—Cy Perkins
 7 to 8 p.m.—Doc Herford
 8 to 8:30 p.m.—Four Pals Harmony Quartet
- 422.3 Meters** **KFVD** Channel 71
710 Kcys. 250 Watts
 Auburn Fuller, Culver City, Calif.
 7 to 9 a.m.—Hal Roach Happy-Go-Lucky Trio
 9 a.m.—KFVD Travelogue
 12 noon—Tom Breneman
 12:30 p.m.—Tom and Wash
 1 p.m.—G. Allison's program
 2 p.m.—Bess Klimer's Helpful Hints
 2:30 p.m.—Hal Roach Comedy Gossip
 3 p.m.—Auburn Concert Orch.
 4 p.m.—Eldorado program
 5 p.m.—Timely Topics
 9 p.m.—Happy-Go-Lucky Trio
 10 p.m.—Auburn Concert Orch.
 11 to 1 a.m.—Sebastian's Cotton Club Orch.
- 218.8 Meters** **KGFR** Channel 137
1370 Kcys. 100 Watts
 C. M. Dobyns, Long Beach, Calif.
 1 p.m.—Exchange Club, Hotel Virginia
 4:30 p.m.—Triolian Trio
 5 p.m.—Wurtlizer organ
 6 p.m.—News and music
 6:45 p.m.—Sportlogue
 9 p.m.—Wurtlizer organ, Nixon
 10 p.m.—Hungarian Gypsy Orchestra
 11 p.m.—Monday Nite Novelty Hour
- 232.6 Meters** **KDYL** Channel 129
1290 Kcys. 1000 Watts
 Internountain Broad. Corp., Salt Lake City
 5 p.m.—Dinner Hour Varieties
 6 p.m.—Program featuring the "Western Baritone"
 6:15 p.m.—The Montagues, vocal duets
 6:30 p.m.—"An Evening in Paris," CBS
 7:30 p.m.—Story in a Song
 8 p.m.—Hotel Paramount Orchestra, CBS
 8:30 p.m.—Paul Specht's Orchestra, CBS
 9 p.m.—Variety program of favorite tunes
 10 p.m.—Harmony in dance and song

MONDAY Programs

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

Don Lee, Inc., San Francisco, California
7 to 8 a.m.—"Simpy Fitts"; N. Y. stocks
8 to 9 a.m.—Alarm Clock, featuring Ralph Peterson, Ed Skrivanik and Gene Byrnes, DLBS
9 to 9:30 a.m.—Columbia Noon Day Club, CBS
9:30 to 10 a.m.—Yoengs' Orchestra, CBS
10 to 11 a.m.—Wyn's Daily Chats
11 to 11:30 a.m.—Mary Lewis Haines
11:30 to 11:45 a.m.—Raladam program
11:45 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 Luckman, DLBS
2 to 3 p.m.—Happy-Go-Lucky Hour
3 to 3:15 p.m.—Aviation talk
3:15 to 3:30 p.m.—U. C. Medical Dept. talk
3:30 to 4 p.m.—H. V. Kaltenborn, current events, CBS
4 to 4:55 p.m.—E. Allman's Surprise Package, DLBS
4:55 to 5 p.m.—Town Topics
5 to 5:30 p.m.—Story Man and His Air Castle, DLBS
5:30 to 6 p.m.—Hank Howe and his music, DLBS
6 to 6:15 p.m.—Orchestra and soloists, DLBS
6:15 to 6:30 p.m.—George P. Edwards of Coast Investor
6:30 to 7 p.m.—To be announced
7 to 7:30 p.m.—Eskimo Pie program
7:30 to 8 p.m.—Paul Carson, pianist, and Juliet Dunn, soprano
8 to 10 p.m.—"Golden State Blue Monday Jam-boree"
10 to 10:10 p.m.—Baron Waste and Lucius
10:10 to 11:10 p.m.—Anson Weeks' Hotel Mark Hopkins Orchestra, DLBS
12:10 to 1 a.m.—Dorado Club Silver Fizz dance music

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

Louis Wasmer, Inc., Spokane, Washington
7 to 7:30 a.m.—Sunrise Pep Period
7:30 to 8 a.m.—Model Musical Klock
8 to 9 a.m.—The Shell Happy Time
9 to 10 a.m.—Musical Bazaar
10 to 10:30 a.m.—Sunshine Liberty organ
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 12 noon—Farmers' Service Hour
12 to 12:15 p.m.—Nat'l Sav. Luncheon program
12:15 to 12:30 p.m.—Musical program
12:30 to 1 p.m.—Voice of Spartan
1 to 1:30 p.m.—Crosley Musical Review
1:30 to 1:45 p.m.—Modern Shops a la Mode
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—Washington Home Service
3 to 3:30 p.m.—Theatrical review
3:30 to 4 p.m.—"Paint o' Mine" Period
4 to 5 p.m.—Concert orchestra
5 to 5:30 p.m.—Matched Units Hour
5:30 to 6 p.m.—Dutch Dough Boys
6 to 6:30 p.m.—Edison Recorders, NBC
6:30 to 7:30 p.m.—General Motors Party, NBC
7:30 to 8 p.m.—Empire Builder, NBC
8 to 9 p.m.—Seiger's Shell Symphonists, NBC
9 to 9:30 p.m.—Voice of Firestone, NBC
9:30 to 10 p.m.—Brunswick Brevities
10 to 10:15 p.m.—Marmola So-A-Tone
10:15 to 10:30 p.m.—Matched Units Hour
10:30 to 11:30 p.m.—KHQ Ensemble Hour
11:30 to 12:30 a.m.—Organ concert

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

Radio Entertainments, San Francisco, Calif.
9 to 9:30 a.m.—Studio program
9:30 to 10 a.m.—Shopping Tour
10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linebarger
10:50 to 11 a.m.—News items
11 to 12 noon—Golden Gate Crier
12 to 12:15 p.m.—Pal of the Air
12:15 to 1 p.m.—Popular recordings
1 to 1:30 p.m.—Country Store, Cal King
1:30 to 2:30 p.m.—Popular recordings
6 to 6:30 p.m.—Toyland
6:30 to 7 p.m.—Popular request recordings
8:30 to 8:45 p.m.—The Gloom Chasers, Truman Bishop Handy and Elgin Doane
8:45 to 9 p.m.—Tom and Jerry
9 to 11 p.m.—Studio program; news items

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

Oakland Educational Society, Oakland, Cal.
2:30 to 3 p.m.—Brother Walter
3 to 3:30 p.m.—Piano recital
3:30 to 4:30 p.m.—George Otto's Hawaiians
4:30 to 5 p.m.—Tea Time Tabloid
5 to 6 p.m.—Cy Perkins
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—Four Pals Harmony Quartet

422.3 Meters **KFVD** **Channel 71**
710 Kcys. **250 Watts**

Auburn Fuller, Culver City, Calif.
7 to 9 a.m.—Hal Roach Happy-Go-Lucky Trio
9 a.m.—KFVD Travelogue
12 noon—Tom Brenneman
12:30 p.m.—Tom and Wash
1 p.m.—G. Allison's program
2 p.m.—Bess Kilmer's Helpful Hints
2:30 p.m.—Hal Roach Comedy Gossip
3 p.m.—Auburn Concert Orch.
4 p.m.—Eldorado program
5 p.m.—Timely Topics
9 p.m.—Gilmore Side Show
9:30 p.m.—Happy-Go-Lucky Trio
10 p.m.—Auburn Concert Orch.
11 to 1 a.m.—Sebastian's Cotton Club Orch.

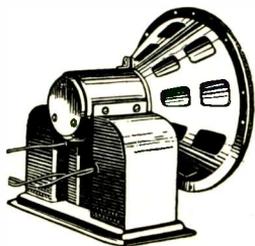
218.8 Meters **KGER** **Channel 137**
1370 Kcys. **100 Watts**

C. M. Dobyns, Long Beach, Calif.
1 p.m.—Exchange Club, Hotel Virginia
4:30 p.m.—Triolian Trio
5 p.m.—Wurlitzer organ
6 p.m.—News and music
6:45 p.m.—Sportologue
9 p.m.—Wurlitzer organ, Nixon
10 p.m.—Hungarian Gypsy Orchestra
11 p.m.—Monday Nite Novelty Hour

232.6 Meters **KDYL** **Channel 129**
1290 Kcys. **1000 Watts**

Intermountain Broad. Corp., Salt Lake City
5 p.m.—Dinner Hour Varieties
6 p.m.—Program featuring the "Western Baritone"
6:15 p.m.—The Montagues, vocal duets
6:30 p.m.—"An Evening in Paris," CBS
7:30 p.m.—Story in a Song
8 p.m.—Hotel Paramount Orchestra, CBS
8:30 p.m.—Paul Specht's Orchestra, CBS
9 p.m.—Variety program of favorite tunes
10 p.m.—Harmony in dance and song

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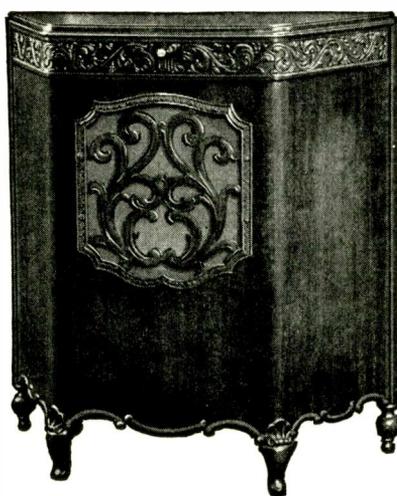


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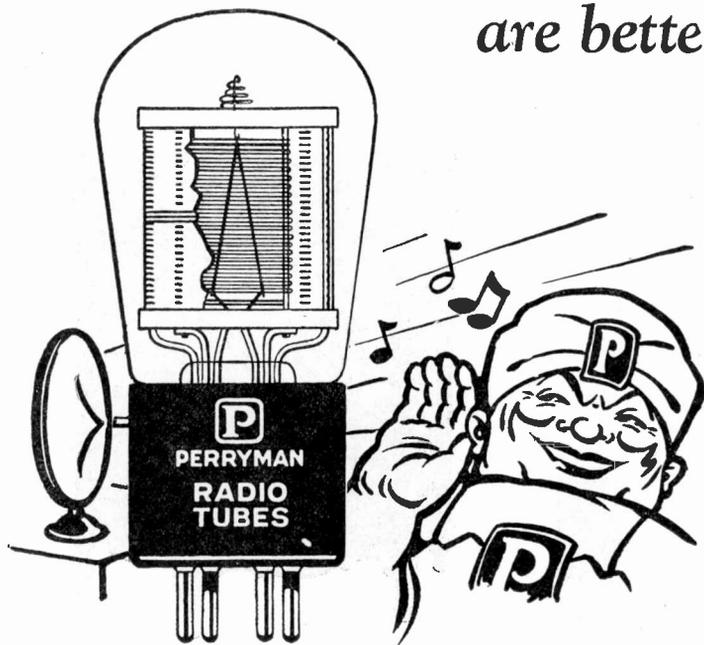
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TUESDAY Programs

NBC

National Broadcasting Company

- 9 to 9:30 a.m.—"Health in Refrigeration"
Talking from his offices in Washington, D. C., United States Senator Royal S. Copeland, M. D., will present his third message on "Health in Refrigeration" this morning.
Dr. Copeland is giving a series of six talks during the General Electric Refrigerator Period.
Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 9:45 to 10 p.m.—Betty Crocker Gold Medal Home Service Talks
"A Prize Lunch Box" is the topic for today's talk by Betty Crocker.
Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 10 to 10:30 a.m.—The Three Boys, KGO.
- 10:30 to 11:30 a.m.—"Woman's Magazine of the Air"
Gwynfi Jones and Barbara Blanchard are the soloists to be heard during the broadcast today.
Ann Holden will give the opening talk, during the Wright Feature, on Hallowe'en and will give her Wedgewood period to "Fish-gilfte, fried and baked." The review of the Sunset Magazine also will be heard in an appropriate setting which will conjure a picture of the University of California campus.
Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 11:30 to 11:45 a.m.—Ducco Decorators
Hints on home decorating as offered by Katherine Crumbaugh, director of Du Pont Decoration Service, will be heard by auditors today.
Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 11:45 to 1 p.m.—Rembrandt Trio, through KGO.
- 2 to 3 p.m.—The Wanderers
Tom and Dick, along with the girl friends, Mazie and Flossie, will be heard from, or of, during the unfolding of the plot.
This program, produced from a continuity by H. C. Connette, will be heard through KGO, KHQ, KOMO, KGW and KPO.
- 4:30 to 5:30 p.m.—Hotel St. Francis Salon Orchestra, KGO.
- 5:30 to 6 p.m.—"Around the World With Libby"
The musical cruise, "Around the World with Libby," will be continued in a coast-to-coast broadcast through KGO, KHQ, KOMO, KGW and KPO.
- 6 to 7 p.m.—Eveready Hour
A nation-wide network of NBC System stations will broadcast the Eveready Hour tonight through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 7 to 7:30 p.m.—Clicquot Club Eskimos
Harry Reser will lead the Clicquot Club Eskimos to the microphone tonight to broadcast a half hour of dance music through the NBC Coast-to-Coast System. This instrumental group's program will be presented through KGO, KHQ, KOMO, KGW and KFI.
- 7:30 to 8 p.m.—C. A. Earl Orchestradians
Modern dance rhythms will lend new interest to a group of Russian folk songs which the Orchestradians will play in a special arrangement called "Russian Fantasia." "A Basket of Roses" is the descriptive title

given to a selection comprising three familiar songs to be interpreted under the baton of Phil Spitalny during the half hour program.

Eddie Gale, soloist, and the Paul Sisters, a vocal duo, will assist the instrumentalists in two numbers.

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

- 8 to 9 p.m.—Radio-Keith-Orpheum Hour
Favorite headliners will participate in this presentation, the first half hour of which originates in the East and the second on the Pacific Coast.

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

- 9 to 9:30 p.m.—The Parker Duofold Family
Taking a musical look at "The Album of My Dreams," the Parker Duofold Family will open their program tonight. One of the most beloved songs in the standard repertoire, "Can't You Heah Me Callin', Caroline?," will be Lady Duofold Parker's contralto solo. Two other members of the family, Parker Duofold Sr., baritone, and Parker Duofold Jr., tenor, will be heard together in "Pals, Just Pals."

Orchestral selections are all of a popular character, with "Those Troubled Waters" and "Sweetness" among the list.

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

- 10 to 11 p.m.—"Spotlight Review"
Each "Spotlight Review" is devoted to a distinct type of music with at least one dramatic sketch included in the program. Charles Hart and the orchestra are the only "regulars" on the period, the other entertainers being changed weekly.

Produced by Charles Marshall, this presentation will be released through KGO, KHQ, and KFI entire hour, KPO from 10:30 to 11 p.m.

- 11 to 12 midnight—Musical Musketeers
Walter Beban, with his "talking saxophone," will direct the 14-piece band. Novelty interpolations have been arranged in addition by Charles Marshall.
Broadcast through KGO, KHQ, KOMO and KPO.

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

- L. A. Evening Express, Los Angeles, Calif.**
- 6:45 to 7:30 a.m.—Health exercises
7:45 to 8:15 a.m.—Georgia O. George
8:15 to 8:30 a.m.—Inspirational talk
8:30 to 8:55 a.m.—Record program
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's message
10:30 to 11 a.m.—Household Economics
11 to 11:15 a.m.—So-A-Tone broadcast
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—Bell Laboratories
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3 to 3:30 p.m.—French lessons by Edgard Leon
3:30 p.m.—Joyce Coad
4 p.m.—Announcements; stock market reports
4:30 to 5 p.m.—C. P. R.'s musical program
5 to 5:15 p.m.—Travelogue
5:15 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 7 p.m.—Organ program
7 to 7:30 p.m.—Talk on "Popular Science"
8 to 9 p.m.—Tom and his mule Hercules
9 to 9:30 p.m.—Maytag So-A-Tone broadcast
9:30 to 10 p.m.—KNX feature artists
10 to 12 midnight—Cocoanut Grove Orchestra
12 to 1 a.m.—Courtesy program

TUESDAY Programs

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

Pacific Broadcasting Corp., San Francisco
9 to 9:30 a.m.—Morning request recorded program
9:30 to 10 a.m.—Program for Fox and Warfield Theaters
10 to 10:30 a.m.—Recorded program
10:30 to 11 a.m.—Oregon City Boys, Clem Kennedy and George Taylor
11 to 12 noon—California Sunshine Hour, conducted by George Taylor
12 to 1 p.m.—Tuesday Noon Club, conducted by Captain Roy Francis in the interest of aviation
1 to 1:30 p.m.—Recordings
1:30 to 2:30 p.m.—Classical recordings
2:30 to 5 p.m.—Selected records
6 to 6:30 p.m.—Sidley Co. program
6:30 to 7 p.m.—Program for Fox and Warfield Theaters
7 to 7:15 p.m.—George Taylor
7:15 to 7:30 p.m.—Pacific Artists' Trio
7:30 to 7:40 p.m.—Cecil and Sally in the Funniest Things
7:40 to 8:30 p.m.—Pacific Artists' Trio, under the direction of Liborius Hauptmann, with George Nickson, tenor soloist
8:30 to 9 p.m.—Song recital, Dorothy Lewis, contralto; Claire Upshur, soprano, and Constance Piper, pianist
9 to 9:30 p.m.—Kanteen Kapers, with the Three Doctors of the Blues
9:30 to 10 p.m.—Pacific Artists' Trio; Mary Atkinson, soprano
10 to 11 p.m.—Byington Electric Co. program
11 to 12 midnight—W. L. Saphire program of musical gems
12 to 1 p.m.—Universal Safety Co. all request program

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

7 to 7:30 a.m.—Sunrise Pep Period
7:30 to 8 a.m.—Model Musical Klock
8 to 9 a.m.—Shell Happy Time, NBC
9 to 9:30 a.m.—Health in Refrigeration, NBC
9:30 to 9:45 a.m.—Musical Bazaar
9:45 to 10 a.m.—Gold Medals program, NBC
10 to 10:15 a.m.—Marmola So-A-Tone
10:15 to 10:30 a.m.—Sunshine Liberty organ
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 11:45 a.m.—Duco Decorators, NBC
11:45 to 12 noon—Farmers' Service Hour
12 to 1 p.m.—Chamber of Commerce luncheon
1 to 1:30 p.m.—Crosley Musical Review
1:30 to 1:45 p.m.—Modern Shops a la Mode
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—The Wanderers, NBC
3 to 3:30 p.m.—Theatrical Review
3:30 to 4 p.m.—"Paint o' Mine" Period
4 to 5 p.m.—Concert orchestra
5 to 5:30 p.m.—Matched Unit Hour
5:30 to 6 p.m.—Around the World With Libby, NBC
6 to 7 p.m.—Eveready Hour, NBC
7 to 7:30 p.m.—Clicquot Club Eskimos, NBC
7:30 to 8 p.m.—Orchestradians, NBC
8 to 9 p.m.—RKO program, NBC
9 to 9:30 p.m.—Parker Duofold Family, NBC
9:30 to 10 p.m.—Dutch Dough Boys
10 to 11 p.m.—Spotlight Review, NBC
11 to 12 midnight—Musical Musketeers, NBC

545.1 Meters **KTAB** **Channel 55**
550 Kcys. **500 Watts**
Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Rastus and Sambo, the Eyeopeners
8 to 9 a.m.—Recordings
9 to 9:30 a.m.—Morning prayer service
9:30 to 10 a.m.—Dr. J. Douglas Thompson
10 to 10:30 a.m.—Recordings
10:30 to 11 a.m.—Dr. B. L. Corley
11 to 12 noon—Barney Lewis' Tabloid of the Air
12 to 1 p.m.—Sterling Cosmopolitans
1 to 1:30 p.m.—Chapel of the Chimes
1:30 to 2 p.m.—Fanchon's Style Chat
2 to 3 p.m.—Organ recital and Mabel Payne, soloist
3 to 4 p.m.—Matinee Melodists
4 to 5 p.m.—Home Towners
5 to 6 p.m.—Brother Bob's Frolic Hour
6 to 6:30 p.m.—Sterling Cosmopolitans
6:30 to 7 p.m.—Twilight Hour
7 to 7:30 p.m.—Recordings
7:30 to 8 p.m.—Earle Caldwell and Estelle Moran
8 to 9 p.m.—Organ recital
9 to 10 p.m.—Lullaby Lane program
10 to 11 p.m.—Pickwickians Dance Orchestra
11 to 1 a.m.—Night Owls, conducted by Don Jefry

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

6:45 a.m.—Radio Time Clock music
7 a.m.—Eye Opener program
8 a.m.—Program of general interest
9:45 a.m.—Musical program
10 a.m.—Studio program
12 noon—Organ music
12:30 p.m.—Kiwanis Club luncheon
2:30 p.m.—Studio program
4:45 p.m.—News items; weather reports
5 p.m.—Dinner Hour concert
6 p.m.—Sessions Chimes
7 p.m.—"Old Uncle Henry," Frank Coombs
8 p.m.—Hal Chase and Investment program
9 p.m.—A Little Sunshine, Ken Stuart
9:30 p.m.—Margaret Gray
10 p.m.—Studio program

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

7:45 to 8 a.m.—Devotional services
8 to 9 a.m.—Meeting of the Portland Breakfast Club
9 to 9:30 a.m.—"Health in Refrigeration," NBC
9:30 to 9:45 a.m.—The Town Crier
9:45 to 10 a.m.—Betty Crocker
10 to 10:15 a.m.—Glidden, KGW
10:15 to 10:30 a.m.—Fels Naptha
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 11:45 a.m.—Duco program
1 to 1:15 p.m.—U. S. market report
1:15 to 2 p.m.—Musical entertainment
2 to 3 p.m.—The Wanderers, NBC
3 to 5 p.m.—Musical master works
5 to 5:30 p.m.—Organ recital
5:30 to 6 p.m.—Around the World with Libby, NBC
6 to 7 p.m.—Eveready Hour, NBC
7 to 7:30 p.m.—Clicquot Club Eskimos
7:30 to 8 p.m.—Orchestradians, NBC
8 to 9 p.m.—Radio-Keith-Orpheum, NBC
9 to 9:30 p.m.—The Parker Family, NBC
9:30 to 10 p.m.—Franz Doughboys
10 to 11 p.m.—Gold Shield concert, KOMO
11 to 12 midnight—Dance band

TUESDAY Programs

491.5 Meters

KFRC

Channel 61

610 Kcys.

1000 Watts

Don Lee, Inc., San Francisco, California

- 7 to 8 a.m.—“Simpy Fitts”; N. Y. stocks
 8 to 9 a.m.—Early Birds, featuring Don and Mart, “The Two Boys”; Nell Larson and Ed Skrivanik
 9 to 9:30 a.m.—Yoengs’ Orchestra, CBS
 9:30 to 10 a.m.—Morning Melodists, direction Frank Moss
 10:30 to 11 a.m.—Wyn’s Daily Calls
 11 to 11:30 a.m.—To be announced
 11:30 to 11:45 a.m.—Fels Naptha broadcast
 11:45 to 12 noon—Auditions
 12 to 1 p.m.—Sherman & Clay noonday concert
 1 to 1:30 p.m.—U. S. Army Band, CBS
 1:30 to 2 p.m.—Charlie Wellman, DLBS
 2 to 3 p.m.—Happy-Go-Lucky Hour
 3 to 3:30 p.m.—“Show Folks,” CBS
 3:30 to 4 p.m.—Educational period
 4 to 4:30 p.m.—F. W. Davis
 4:30 to 4:35 p.m.—Something About Everything
 4:35 to 4:55 p.m.—News bulletins and lost and found
 4:55 to 5 p.m.—Town topics
 5 to 5:30 p.m.—Story Man and His Aircastle, DLBS
 5:30 to 6 p.m.—Hank Howe and his music, DLBS
 6 to 7 p.m.—Paul Whiteman’s Old Gold Orchestra, DLBS
 7 to 7:30 p.m.—U. S. Rubber program, DLBS
 7:30 to 8 p.m.—Remar Twins
 8 to 9 p.m.—Pacific States Savings program
 9 to 9:30 p.m.—“Peppy Pam and the Englishman”
 9:30 to 10 p.m.—Orchestra and soloists
 10 to 10:10 p.m.—Baron Waste and Lucius
 10:10 to 12:10 a.m.—Val Valente’s Roof Garden Orchestra
 12:10 to 1 a.m.—Dorado Club Silver Fizz dance music

333.1 Meters

KHJ

Channel 90

900 Kcys.

1000 Watts

Don Lee, Inc., Los Angeles, California

- 7 to 7:30 a.m.—Physical culture period
 7:30 to 7:40 a.m.—Stock Exchange reports
 7:40 to 8 a.m.—Don Lee, Inc., program
 8 to 9 a.m.—Early Birds, to KFRC
 9 to 9:30 a.m.—Breakfast Nook Philosophy
 9:30 to 10 a.m.—Julie Wintz Orch., CBS
 10 to 11 a.m.—A. White, “At Our House”
 11 to 11:30 a.m.—Elvia Alman, short stories
 11:30 to 12 noon—Univ. of S. Cal. Trojan period
 12 to 12:30 p.m.—Biltmore Hotel Orchestra
 12:45 to 1:30 p.m.—Leigh Harline, organ recital
 1:30 to 2 p.m.—Charlie Wellman, to KFRC
 2 to 3 p.m.—Fada Radio program
 3 to 3:15 p.m.—Safety conference
 3:15 to 3:30 p.m.—Auto Club of So. Calif.
 3:30 to 3:45 p.m.—Midnight Mission
 3:45 to 4 p.m.—Dr. Frank McCoy
 4 to 5 p.m.—Matinee Melody Masters
 5 to 5:30 p.m.—The Story Man
 5:30 to 6 p.m.—Don Lee Dance Band
 6 to 7 p.m.—Old Gold program, CBS
 7 to 7:30 p.m.—U. S. Rubber Co. program
 7:30 to 8 p.m.—Pelton Motor program
 8 to 9 p.m.—Pac. States Sav. & Loan program
 9 to 9:30 p.m.—Program from KFRC
 9:30 to 10 p.m.—Charles Shepherd’s Symphonishers
 10 to 12 midnight—Biltmore Dance Orch.
 12 to 1 a.m.—Wesley Tourtellotte, organist

340.7 Meters

KLX

Charinel 88

880 Kcys.

500 Watts

Tribune Publishing Co., Oakland, Calif.

- 7 to 8 a.m.—Exercises; N. Y. stocks
 8 to 9 a.m.—Jean Kent
 9 to 9:30 a.m.—Modern Homes period
 9:30 to 10:15 a.m.—Health questions
 10:15 to 10:30 a.m.—S. F. stocks; weather
 10:30 to 11 a.m.—Recordings
 11 to 12 noon—Classified adv. hour
 12 to 1 p.m.—Machado’s KLX Hawaiians
 1 to 2 p.m.—Jean’s Hi-Lights
 2 to 3 p.m.—Recordings
 4:30 to 5 p.m.—Charles T. Besserer, organist
 5 to 5:30 p.m.—Brother Bob
 5:30 to 6 p.m.—Cressy Ferra, pianist
 6 p.m.—Curtain calls
 6 to 7 p.m.—Hotel Oakland concert trio
 7 to 7:30 p.m.—News broadcast
 7:30 to 8 p.m.—Edna Fischer
 8 to 9 p.m.—Lynn Pryor’s dance orchestra
 9 to 10 p.m.—Helen Wegman Parmelee, pianist; Fred Bounds, tenor; Nerino Turchet, accordionist, and Howard Peterson, xylophone
 10 to 11 p.m.—Fleur-de-Lis dance orchestra

265.3 Meters

KSL

Channel 113

1130 Kcys.

5000 Watts

Radio Service Corp., Salt Lake City, Utah

- 4 p.m.—Roads of the Sky
 5 p.m.—Novelty instrumental and vocal program
 5:30 p.m.—Around the World with Libby, NBC
 6 p.m.—Eveready Hour, NBC
 7 p.m.—Clicquot Club Eskimos, NBC
 7:30 p.m.—Orchestra, NBC
 8 p.m.—Radio-Keith-Orpheum, NBC
 8:30 p.m.—Utah Instrumental Quartet
 9 p.m.—Out on the Back Porch
 9:30 p.m.—Studio program
 10 p.m.—Jack Stacey’s popular orchestra

325.9 Meters

KOMO

Channel 92

920 Kcys.

1000 Watts

Fisher’s Blend Station, Seattle, Washington

- 7:55 a.m.—Inspirational services
 8 a.m.—Shell Happy Time
 9 a.m.—“Health in Refrigeration,” NBC
 9:30 a.m.—So-A-Tone broadcast
 9:45 a.m.—Betty Crocker’s Home talk, NBC
 10 a.m.—Maytag So-A-Tone broadcast
 10:30 a.m.—Magazine of the Air, NBC
 11:30 a.m.—Duco Decorators, NBC
 11:45 a.m.—Orchestra; Fred Lynch and Dorothea Wei
 12:15 p.m.—“What to Prepare for Dinner”
 12:30 p.m.—Popular orchestra
 1 p.m.—Orchestra with Agnes Skartvedt and G. Donald Gray
 2 p.m.—The Wanderers, NBC
 3 p.m.—Orchestra; Greenwood Mitchell and Hayden Morris
 4 p.m.—Resume of evening’s broadcast; stocks
 4:15 p.m.—Kiddies’ program
 4:45 p.m.—Stock, bond and grain quotations
 5 p.m.—Artistic Ensemble
 5:30 p.m.—Around the World with Libby, NBC
 6 p.m.—Eveready Hour, NBC
 7 p.m.—Clicquot Club Eskimos, NBC
 7:30 p.m.—Orchestra, NBC
 8 p.m.—Radio-Keith-Orpheum, NBC
 9 p.m.—Parker Duofold program, NBC
 9:30 p.m.—So-A-Tone broadcast
 10 p.m.—Schwabacher’s Gold Shield Hour
 11 p.m.—News flashes
 11:15 p.m.—Musical Musketeers, NBC
 12 to 12:30 a.m.—Organ recital

TUESDAY Programs

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

8 to 8:30 a.m.—Select recordings
 8:30 to 9 a.m.—Health questions answered
 11 to 12 noon—Select recordings; message
 1:30 to 2:30 p.m.—Edna's Entertainment Hour
 2:30 to 3 p.m.—Brother Walter
 3 to 3:30 p.m.—Piano recital
 3:30 to 4:30 p.m.—George Otto's Hawaiians
 4:30 to 5 p.m.—Tea Time Tabloid
 5 to 6 p.m.—Cy Perkins
 7 to 8 p.m.—Doc Herrold
 8 to 9 p.m.—The Watch Tower program
 9 to 10 p.m.—Campfire program
 10 to 11 p.m.—Dance music

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.—Country Store, Cal King
 9:30 to 10 a.m.—Shopping Tour
 10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
 10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linebarger
 10:50 to 11 a.m.—News items
 12 to 12:15 p.m.—Pal of the Air
 12:15 to 1 p.m.—Popular recordings
 1 to 1:30 p.m.—Country Store, Cal King
 6 to 7 p.m.—Popular request recordings
 11 to 12 midnight—Dance music, the Shanghai Playgirls

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

5 to 7 a.m.—Remote Control KGFJ
 7 to 7:30 a.m.—Hello Everybody
 7:30 to 8:30 a.m.—Records; news
 8:30 to 9 a.m.—Hirshfield's High Steppers
 9 to 9:30 a.m.—Organ recital
 9:30 to 9:50 a.m.—Hawaiian program
 9:50 to 10 a.m.—Novelty songs
 10 to 11 a.m.—Organ recital
 11 to 11:30 a.m.—Orchestra; beauty talk
 11:30 to 12 noon—Orchestra; early news
 12 to 1 p.m.—Hollywood Girls
 1 to 1:30 p.m.—Kiwanis Club luncheon
 1:30 to 2 p.m.—Originality Girls
 2 to 2:30 p.m.—Records; health talk
 2:30 to 3 p.m.—Long Beach Band
 3 to 3:30 p.m.—Organ recital
 3:30 to 4 p.m.—Long Beach Band
 4 to 4:20 p.m.—News report
 4:20 to 5 p.m.—Old-time dance music
 5 to 5:30 p.m.—Organ recital, Vera Graham
 5:30 to 6 p.m.—Hollywood Girls
 6 to 6:05 p.m.—Lost and Found Department
 6:05 to 6:30 p.m.—Hollywood Girls
 6:30 to 6:45 p.m.—Helene Smith, pianist
 6:45 to 7 p.m.—Dr. Williams, health specialist
 7 to 7:30 p.m.—Three Bluebirds
 7:30 to 8 p.m.—Buster Wilsons' orchestra
 8 to 8:30 p.m.—Long Beach Band
 8:30 to 9 p.m.—Cecil Fry, popular songs
 9 to 11 p.m.—El Patio Ballroom
 11 to 11:30 p.m.—Majestic Ballroom
 11:30 to 12 midnight—Silver Spray Ballroom
 12 to 1 a.m.—KGFJ

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**
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7:30 a.m.—Market quotations
 8 a.m.—Shell Happy Time
 9 a.m.—Health in Refrigeration, NBC
 9:45 a.m.—Betty Crocker, NBC
 10 a.m.—Bristow & Co., Ltd., Sylvia and Al
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 a.m.—Duco program, NBC
 12 noon—Dept. of Agriculture talks
 12:15 p.m.—Market reports
 2 p.m.—Triolian Trio
 2:15 p.m.—Winnie Moore, Travelogue
 2:30 p.m.—"Phenomena"
 3:45 p.m.—Leonard Van Berg
 4:30 p.m.—Big Brother
 5:45 p.m.—Stock market reports
 6 p.m.—Eveready Hour, NBC
 7 p.m.—Clicquot Club Eskimos, NBC
 7:30 p.m.—Orchestradians, NBC
 8 p.m.—RKO Hour, NBC
 9 p.m.—The Parker Family, NBC
 9:30 p.m.—L. A. Steamship Co. program
 10 p.m.—Spotlight Review, NBC
 11 p.m.—KFI News Bureau

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

10 to 11 a.m.—Helpful Hour
 11 to 12 noon—Los Gatos program
 12 to 12:30 p.m.—Musical program
 12:30 to 1 p.m.—Market reports, weather
 1 to 1:30 p.m.—Hart's Happy Half Hour
 1:30 to 2:30 p.m.—The Friendly Hour
 2:30 to 3:30 p.m.—Musical program
 5 to 5:30 p.m.—Children's program
 5:30 to 6 p.m.—Musical program
 6 to 6:10 p.m.—U. S. D. A. Farm Flashes
 6:10 to 6:30 p.m.—Crop Digest
 6:30 to 6:45 p.m.—Market, weather reports
 6:45 to 6:55 p.m.—Farm Reporter
 6:55 to 7 p.m.—Farmer's Exchange
 7 to 8 p.m.—Farm Bureau Radio News
 8 to 9:30 p.m.—You Never Can Tell Program

499.7 Meters **KFSD** **Channel 60**
600 Kcys. **1000 Watts**
Airfan Radio Corp., San Diego, Calif.

8:30 to 8:45 a.m.—Mr. Martinez, Spanish lesson
 9 to 10 a.m.—Morning Musical
 10 to 11 a.m.—Amy Lou
 11 to 12:30 p.m.—Lloyd Peck Service Hour
 2:30 to 3:30 p.m.—Organ concert by Dr. Humphrey J. Stewart
 5 to 6 p.m.—Nightly Musical Review
 6 to 6:15 p.m.—Late news items
 6:15 to 7 p.m.—Studio program
 7 to 8 p.m.—Concert trio; Mildred Marini, soprano
 8 to 8:30 p.m.—Manuel Dehesa
 8:30 to 9 p.m.—Leslie Adams
 9 to 10 p.m.—State College program
 10 to 11 p.m.—Nashold's program
 11 to 12 midnight—Hotel Del Coronado Orch.

232.6 Meters **KDYL** **Channel 129**
1290 Kcys. **1000 Watts**
Intermountain Broad. Corp., Salt Lake City

5 p.m.—Dinner Hour Varieties
 6 p.m.—Paul Whiteman and his orchestra, CBS
 7 p.m.—Johnny Rosell's Dance Orchestra
 7:30 p.m.—Night Club Romance, CBS
 8 p.m.—Jesse Crawford, organist, CBS
 8:30 p.m.—"The Dream Boat," CBS
 9 p.m.—Musical favorites
 10 p.m.—Old and new in popular dance music

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WEDNESDAY Programs

NBC

National Broadcasting Company

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

Combining household hints with intriguing personality sketches and visits to famous cuisines, Miss Martin's series fills 15 minutes of the programs of KGO, KHQ, KOMO, KGW, KFI, KSL and KOA.

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

Perhaps she won't say, "... shopping days until Christmas," but Helen Webster will talk on gifts during today's Fuller broadcast.

Magnolia, Henry and Charley, the Oronite comedians, also will be on the air again and "Top Cooking" is Miss Webster's topic for the Easier Housekeeping Feature.

Joseph Hornik will direct the orchestra and Bob Cruze, banjo soloist; John and Ned, and Myron Niesley, tenor, are added artists.

Bennie Walker, editor, will conduct the broadcast.

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

11:30 to 1 p.m.—Rembrandt Trio, KGO.

1 to 2 p.m.—Pacific Vagabonds

With Max Dolin in the conductor's stand and Peggy Chapman and Henry Starr singing, the Pacific Vagabonds will offer an hour of dance music for the nation-wide audience through KGO and KOMO.

3 to 4 p.m.—The Cabin Door

Atmospheric southern selections will herald "The Cabin Door" comedy sketch to be released this afternoon.

Those following this weekly serial play know that it is devoted to humorous incidents occurring in the lives of a band of colored folk in the Southland.

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

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

6 to 6:30 p.m.—Agricultural Program, through KGO.

6:30 to 7:30 p.m.—Palmolive Hour

Paul Oliver, tenor, and Olive Palmer, soprano, are the soloists. They will be heard also in duets. The Revelers, a male quartet, and an orchestra conducted by Gustave Haenschen will complete the list of artists.

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

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

Forty-eight musicians under the direction of Guy Fraser Harrison, playing in Rochester, N. Y., will present a half hour concert of classical compositions through KGO, KHQ, KOMO, KGW, KPO and KFI.

8 to 8:30 p.m.—"Roads to Romance"

Jack and Ethyl, the Associated Motor Mates, offer this half hour of thrills, drawn from events in early California and the other Pacific Coast states.

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

8:30 to 9 p.m.—The Hill Billy Boys

Among the entertainers who unite for the presentation of this half hour feature may be found the names of Charlie Marshall, Clarence

Hayes, Elmer Crowhurst, Johnny O'Brien, Johnny Toffoli and Virgil Ward.

Broadcast through KHQ.

9 to 9:30 p.m.—Parisian Quintet, KGO.

9:30 to 10 p.m.—Three Boys, KGO.

10 to 11 p.m.—Cotton Blossom Minstrels

The opening concert will be followed by the show, during which a group of NBC staff artists will impersonate the familiar minstrel characters. Captain William Royle, Clarence Hayes, Barry Hopkins, Sylvano Dale, the Southern Harmony Four, Harold Peary and Jack Curtis are among the Cotton Blossom Minstrels.

Broadcast through KHQ, KFI and KSL.

11 to 12 midnight—Musical Musketeers

Swashbuckling knights of olden days easily may be envisioned by the NBC System radio audience when the Musical Musketeers, directed by Walter Beban, play through KHQ, KOMO and KPO.

11 to 12 midnight—Henry Halstead's Hotel St. Francis Dance Orchestra, KGO.

468.5 Meters

640 Kcys.

KFI

Channel 64

5000 Watts

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

7:30 a.m.—Market quotations

8 a.m.—Shell Happy Time

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

9:30 a.m.—Sylvia's Happy Hour

10:15 a.m.—Mary Hale Martin, NBC

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

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

12 noon—Dept. of Agriculture talks

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

2 p.m.—Triolian Trio

2:30 p.m.—"Phenomena"

4:30 p.m.—Big Brother

5 p.m.—Three Skippers and Jackie Archer

5:45 p.m.—Stock market reports

6 p.m.—William Don

6:30 p.m.—Palmolive Hour, NBC

7:30 p.m.—Stromberg-Carlson Radio, NBC

8 p.m.—Jack and Ethyl, NBC

8:30 p.m.—KFI-KPO-KGO-Earle C. Anthony, Inc., program

9 p.m.—Paul Roberts and Schonberger Trio

10 p.m.—Cotton Blossom Minstrels, NBC

11 p.m.—KFI News Bureau

508.2 Meters

590 Kcys.

KHQ

Channel 59

1000 Watts

Louis Wasmer, Inc., Spokane, Washington

7:30 to 8 a.m.—Kronenberg's program

8 to 9 a.m.—Shell Happy Time

9 to 9:30 a.m.—Musical Bazaar

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

10 to 10:15 a.m.—Marmola So-A-Tone

10:15 to 10:30 a.m.—Mary Hale Martin, NBC

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

11:30 to 11:45 a.m.—Chips of Pleasure

11:45 to 12 noon—Farmers' Service Hour

12 to 1 p.m.—Lewiston, Idaho, program

1 to 1:30 p.m.—Crosley Musical Review

1:30 to 1:45 p.m.—Miss Modern

1:45 to 2 p.m.—Spokane Fur Tanning Co.

3 to 4 p.m.—Cabin Door, NBC

4 to 4:30 p.m.—Voice of Spartan

4:30 to 5:30 p.m.—Concert orchestra

5:30 to 6 p.m.—Temple Tones

6 to 6:30 p.m.—Dutch Dough Boys

6:30 to 7:30 p.m.—Palmolive Hour, NBC

7:30 to 8 p.m.—Stromberg-Carlson, NBC

8 to 8:30 p.m.—Roads to Romance, NBC

8:30 to 9 p.m.—Hill Billy Boys, NBC

9 to 9:30 p.m.—Bremer Tully

9:30 to 10 p.m.—Veedol Vodvil, NWT

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

11 to 12 midnight—Musical Musketeers, NBC

WEDNESDAY Programs

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

7 to 8 a.m.—"Simpv Fitts"; N. Y. stocks
 8 to 9 a.m.—Alarm Clock, featuring the two girls, Dot and Mary
 9 to 9:30 a.m.—Columbia Noon Day Club, CBS
 9:30 to 9:45 a.m.—Glidden Soatone program
 9:45 to 10 a.m.—Yoengs' Orchestra, CBS
 10 to 10:30 a.m.—Morning Melodist, direction Frank Moss
 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, DLBS
 1:30 to 2 p.m.—Charlie Wellman, DLBS
 2 to 3 p.m.—Happy-Go-Lucky Hour
 3 to 3:30 p.m.—New books, Monroe R. Upton
 3:30 to 3:35 p.m.—Something About Everything
 3:35 to 4 p.m.—News bulletins and lost and found
 4 to 4:55 p.m.—Matinee Melody Masters, DLBS
 4:55 to 5 p.m.—Town Topics
 5 to 6 p.m.—Voice of Columbia, CBS
 6 to 6:30 p.m.—Joe Mendle and his Pep Band, with Mac
 6:30 to 7 p.m.—To be announced
 7 to 7:30 p.m.—Kolster Radio Hour, CBS
 7:30 to 8 p.m.—Maytag So-A-Tone program
 8 to 9 p.m.—M. G. M. Movie Club, DLBS
 9 to 9:30 p.m.—Chanslor and Lyon program, DLBS
 9:30 to 10 p.m.—Gilfillan program, DLBS
 10 to 11 p.m.—Anson Weeks' Hotel Mark Hopkins Orchestra
 11 to 12 midnight—New Mandarin Cabaret Band
 12 to 1 a.m.—Dorado Club Silver Fizz dance music

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

5 to 7 a.m.—Remote control, KGFJ
 7 to 7:30 a.m.—Hello Everybody
 7:30 to 8 a.m.—Early news items
 8 to 8:30 a.m.—Records
 8:30 to 9:20 a.m.—Hirshfield's High Steppers
 9:20 to 9:30 a.m.—Organ recital
 9:30 to 10 a.m.—Hawaiian and novelty program
 10 to 11 a.m.—Organ recital from Merithew's, Roy L. Medcalfe at the console
 11 to 11:30 a.m.—Orchestra; beauty talk
 11:30 to 12 noon—Orchestra; news
 12 to 1 p.m.—Hollywood Girls
 1 to 1:30 p.m.—Rotary luncheon
 1:30 to 2 p.m.—Originality Girls
 2 to 2:30 p.m.—Health talk; records
 2:30 to 3 p.m.—Long Beach Band
 3 to 3:30 p.m.—Organ recital
 3:30 to 4 p.m.—Long Beach Municipal Band
 4 to 5 p.m.—Varsity Boys; news report
 5 to 5:30 p.m.—Organ recital
 5:30 to 6 p.m.—Hollywood Girls, novelty trio
 6 to 6:05 p.m.—Lost and Found Department
 6:05 to 7 p.m.—Studio orchestra
 7 to 7:30 p.m.—Hollywood Girls
 7:30 to 8 p.m.—Buster Wilson's orchestra
 8 to 9 p.m.—Hancock Golden Trails Hour
 9 to 10:30 p.m.—El Patio Ballroom
 10:30 to 11:15 p.m.—Fights from Wilmington
 11:15 to 12 midnight—Silver Spray Orchestra
 12 to 1 a.m.—KGFJ

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

7 to 8 a.m.—Health exercises
 8 to 9 a.m.—Popular recordings
 9 to 9:30 a.m.—Country Store, Cal King
 9:30 to 10 a.m.—Shopping Tour
 10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
 10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linebarger
 10:50 to 11 a.m.—News items
 11 to 12 noon—Golden Gate Crier
 12 to 12:15 p.m.—Pal of the Air
 12:15 to 1 p.m.—Popular recordings
 1 to 1:30 p.m.—Country Store, Cal King
 1:30 to 2:30 p.m.—Recordings
 6 to 6:30 p.m.—Toyland
 6:30 to 7 p.m.—Request recordings
 8:30 to 8:45 p.m.—The Gloom Chasers, Truman Bishop Handy and Elgin Doane
 8:45 to 9 p.m.—Tom and Jerry
 9 to 9:30 p.m.—The Mystery Tenor
 9:30 to 11 p.m.—Midweek Party
 11 to 1 a.m.—Dance music, the New Shanghai Playgirls

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

2:30 to 3 p.m.—Brother Walter
 3 to 3:30 p.m.—Piano recital
 3:30 to 4:30 p.m.—George Otto's Hawaiians
 4:30 to 5 p.m.—Tea Time Tabloid
 5 to 6 p.m.—Cy Perkins
 7 to 8 p.m.—Doc Herrold
 8 to 8:30 p.m.—Musical program

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

7:45 to 8 a.m.—Devotional services
 8 to 9 a.m.—Shell Happy Time
 9 to 9:10 a.m.—News
 9:10 to 9:30 a.m.—Oregonian Cooking School
 9:30 to 10:15 a.m.—Town Crier
 10:15 to 10:30 a.m.—Libby, McNeill & Libby, NBC
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 1 to 1:15 p.m.—U. S. market report
 1:15 to 2:15 p.m.—Organ recital
 2:15 to 3 p.m.—Musical entertainment
 3 to 4 p.m.—Cabin Door, NBC
 4 to 5 p.m.—Popular music
 5 to 5:30 p.m.—Movie talk
 5:30 to 6:30 p.m.—Studio program
 6:30 to 7:30 p.m.—Palmoive program, NBC
 7:30 to 8 p.m.—Stromberg-Carlson, NBC
 8 to 8:30 p.m.—Roads to Romance, NBC
 8:30 to 9 p.m.—Maytag Radioette
 9 to 9:30 p.m.—Brunswick Hour
 9:30 to 10 p.m.—Studio
 10 to 11 p.m.—Fisher Concert Orchestra
 11 to 12 midnight—Dance band

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

6 p.m.—C. S. DeLanos Hawaiian program
 6:15 p.m.—Elona Louise Price
 6:30 p.m.—Tom Moore
 7 p.m.—Conrey Bible Class
 7:45 p.m.—Union Rescue Mission
 8:30 p.m.—Bob Shuler's religious discussion
 9 p.m.—Old Song Quartet
 10 p.m.—Volunteers of America
 10:30 p.m.—Mr. and Mrs. Huckabee

WEDNESDAY Programs

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

Pacific Broadcasting Corp., San Francisco

9 to 9:30 a.m.—Morning request recorded program
 9:30 to 10 a.m.—Program for Fox and Warfield Theaters
 10 to 11 a.m.—Recorded program
 11 to 12 noon—California Sunshine Hour, conducted by George Taylor
 12 to 1:30 p.m.—Popular recordings
 1:30 to 3:30 p.m.—Classical recordings
 3:30 to 3:15 p.m.—Selected recordings
 5:15 to 5:30 p.m.—Talk on Crime Prevention by Judge Matthew W. Brady
 5:30 to 6 p.m.—Recordings
 6 to 6:30 p.m.—Sidley Co. program
 6:30 to 7 p.m.—Program for Fox and Warfield Theaters
 7 to 7:15 p.m.—George Taylor
 7:15 to 7:30 p.m.—Hazel Warner and Constance Piper
 7:30 to 7:40 p.m.—Cecil and Sally in the Funniest Things
 7:40 to 8:30 p.m.—Pacific Artists' Trio; Mary Atkinson, soprano
 8:30 to 9 p.m.—George Taylor, Hazel Warner, Constance Piper and "Little Miss Muffet"
 9 to 9:50 p.m.—Pacific Artists' Trio; Dorothy Lewis, contralto
 9:50 to 10 p.m.—Metro and Cosmo, the Politan Brothers
 10 to 11 p.m.—Byington Electric program
 11 to 12 midnight—W. L. Saphire program of musical gems
 12 to 1 a.m.—Universal Safety Co. all request program

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

Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services
 8 a.m.—Shell Happy Time
 9 a.m.—G. Donald Gray and Rhena Marshall
 9:15 a.m.—Organ recital
 9:30 a.m.—Fels Naptha Auditone broadcast
 10 a.m.—Dorothea Wel and Fred Lynch
 10:15 a.m.—Mary Hale Martin Hour, NBC
 10:30 a.m.—Magazine of the Air, NBC
 11:30 a.m.—Orchestra with Greenwood Mitchell
 11:45 a.m.—Marmola So-A-Tone broadcast
 12 noon—Concert orchestra
 12:15 p.m.—"What to Prepare for Dinner"
 12:30 p.m.—Concert orchestra
 1 p.m.—Pacific Vagabonds, NBC
 2 p.m.—Artistic Ensemble
 3 p.m.—Cabin Door, NBC
 4 p.m.—Mining stock quotations
 4:15 p.m.—Kiddies' program
 4:45 p.m.—Stock, bond and grain quotations
 5 p.m.—"A Half Hour of Firestone Favorites"
 5:30 p.m.—Orchestra; Fred Lynch and Dorothea Wel
 6:30 p.m.—Palmolive Hour, NBC
 7:30 p.m.—Stromberg-Carlson program, NBC
 8 p.m.—Roads to Romance, NBC
 8:30 p.m.—Nunn, Bush & Weldon Shoe Co. program
 8:45 p.m.—Vocal ensemble
 9:15 p.m.—News flashes
 9:30 p.m.—Veedol Vodvil
 10 p.m.—Fisher's Blend Hour
 11 p.m.—Musical Musketeers, NBC
 12 to 12:30 a.m.—Theater 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.—Shell Happy Time by Hugh Barrett
 Dobbs and William H. Hancock
 9:30 to 10 a.m.—Dobbs's Daily Chat
 10 to 10:30 a.m.—Helpful Hints for Housewives
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
 11:45 to 12:05 p.m.—Scripture, weather and announcements
 12:05 to 1 p.m.—Aeolian Trio
 1 to 1:30 p.m.—Jerry Jermaine
 1:30 to 2 p.m.—Ann Warner's Home Chats
 2 to 3 p.m.—Aeolian Trio
 3 to 4 p.m.—The Cabin Door, NBC
 4 to 5 p.m.—Studio Hour; stock quotations
 5 to 5:50 p.m.—Children's Hour
 5:50 to 6 p.m.—News digest, "Scotty" Mortland
 6 to 6:15 p.m.—Federal Business Assoc. talk
 6:15 to 6:30 p.m.—Book review, Harold Small
 6:30 to 7:30 p.m.—Palmolive program, NBC
 7:30 to 8 p.m.—Stromberg-Carlson, NBC
 8 to 8:30 p.m.—"Jack and Ethyl," NBC
 8:30 to 9 p.m.—"Packard program," KPO and KFI
 9 to 9:30 p.m.—No. Amer. Bldg.-Loan Assoc.
 9:30 to 10 p.m.—Dramatic interpretations of famous operas, directed by Reginald Travers
 10 to 11 p.m.—Jesse Stafford's Palace Hotel Dance Orchestra
 11 to 12 midnight—Musical Musketeers, NBC

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

Radio Service Corp., Salt Lake City, Utah

5 p.m.—Jack Summerhays, Utah tenor
 5:30 p.m.—The Sunshine Girls
 6 p.m.—Program of musical novelties
 6:30 p.m.—Palmolive Hour, NBC
 7:30 p.m.—Victor Wagner's orchestra, NBC
 8 p.m.—Amos 'n' Andy, NBC
 8:15 p.m.—The Spinning Girls Trio
 8:45 p.m.—The Romance of Gems
 9 p.m.—The Sunfreeze Ensemble
 9:30 p.m.—Program by electrical transcription
 10 p.m.—Cotton Blossom Minstrels, NBC

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

Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.—Physical culture period
 7:30 to 7:40 a.m.—Stock Exchange reports
 7:40 to 9 a.m.—Don Lee, Inc., program
 8 to 9 a.m.—Alarm Clock, to KFRC
 9 to 9:30 a.m.—Columbia Noon-day Club, CBS
 9:30 to 10 a.m.—Julie Wintz, CBS
 10 to 11 a.m.—A. White, "At Our House"
 11 to 11:45 a.m.—Patterns in Prints, CBS
 12 to 12:30 p.m.—Biltmore Hotel Orch.
 12:30 to 12:45 p.m.—World-wide News
 12:45 to 1:30 p.m.—Kiwanis Club luncheon
 1:30 to 2 p.m.—Charlie Wellman
 2 to 3 p.m.—Fada Radio program
 3 to 4 p.m.—Fred C. McNabb, "Gardens"
 4 to 4:30 p.m.—Matinee Melody Masters
 4:30 to 5 p.m.—The Story Man
 5 to 6 p.m.—Voice of Columbia, CBS
 6 to 6:45 p.m.—Organ recital
 6:45 to 7 p.m.—World-Wide News
 7 to 7:30 p.m.—Kolster program, CBS
 7:30 to 8 p.m.—Don Lee Symphony
 8 to 9 p.m.—Movie Club
 9 to 9:30 p.m.—Chanslor & Lyon program, KFRC
 9:30 to 10 p.m.—Gilfillan program
 10 to 12 midnight—Earl Burnett's Dance Orch.
 12 to 1 a.m.—Wesley Tourtellotte, organist

WEDNESDAY Programs

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

Tribune Publishing Co., Oakland, Calif.
7 to 8 a.m.—Exercises; N. Y. stocks
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Recordings
10:15 to 10:30 a.m.—S. F. stocks; weather
10:30 to 10:50 a.m.—Recordings
10:50 to 11 a.m.—Belco talk
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 3 p.m.—Recordings
4:30 to 5 p.m.—Charles T. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer, pianist
8 to 9 p.m.—Educational hour—world news by Ad Schuster; music talk by Roy Harrison Danforth; book reviews by The Bookworm; Oakland public school talk and piano solos by Helen Parmelee
9 to 10 a.m.—Helen Parmelee, pianist, and Myrth Lacy, soprano

232.6 Meters **KDYL** **Channel 129**
1290 Kcys. **1000 Watts**

Intermountain Broad. Corp., Salt Lake City
5 p.m.—Voice of Columbia, CBS
6 p.m.—KDYL Feature Artists
7 p.m.—Kolster program, CBS
7:30 p.m.—Dixie Echoes, CBS
8 p.m.—"Sunset Hour"
8:30 p.m.—Popular radio entertainers
9 p.m.—Variety program
10 p.m.—Dance music

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

L. A. Evening Express, Los Angeles, Calif.
6:45 to 7:30 a.m.—Health exercises
7:45 to 8:15 a.m.—Georgia O. George
8:15 to 8:30 a.m.—Inspirational talk
8:30 to 8:55 a.m.—Record program
9 to 9:30 a.m.—Talk on health and beauty
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's message
10:30 to 11 a.m.—Household Economics
11 to 11:30 a.m.—KNX Clinic of the Air
11:30 to 11:45 a.m.—Radio Church
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—Bell Laboratories
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3 to 3:30 p.m.—KNX Clinic of the Air
3:30 to 4 p.m.—Talk on Better Speech
4 p.m.—Announcements; stock market reports
4:30 to 5 p.m.—C. P. R.'s musical program
5 to 5:15 p.m.—Travelogue
5:15 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 7 p.m.—Organ program
7 to 7:30 p.m.—Radio skit, featuring Georgia Fiffeld and Eddie Albright
7:30 to 8 p.m.—Courtesy program
8:30 to 9:30 p.m.—Navigator Hour
9:30 to 10 p.m.—KNX feature artists
10 to 12 midnight—Cocoanut Grove Orchestra
12 to 1 a.m.—Courtesy program

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

J. Brunton & Sons, San Francisco, Calif.
6:45 to 8 a.m.—Early Bird Hour
8 to 9:30 a.m.—Recorded program
9:30 to 10 a.m.—Andy Anderson, pianist
10 to 10:30 a.m.—Records
10:30 to 11 a.m.—Cressy Ferra, pianist
11 to 12 noon—Instrumental recordings
12 to 12:05 p.m.—Stock report
12:05 to 1:45 p.m.—Variety records
1:45 to 2 p.m.—Dr. Wiseman, health talk
2 to 3 p.m.—Concert music
3 to 3:30 p.m.—Art Fadden, pianist
3:30 to 4 p.m.—Organ music
4 to 5:15 p.m.—Recorded program

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

First Baptist Church, San Jose, Calif.
10 to 11 a.m.—Helpful Hour
11 to 12 noon—Watsonville program
12 to 12:30 p.m.—Musical program
12:30 to 1 p.m.—Market reports, weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Musical program
5 to 5:30 p.m.—Children's program
5:30 to 6 p.m.—Musical programs
6 to 6:10 p.m.—U. S. D. A. Farm Flashes
6:10 to 6:30 p.m.—Crop Digest
6:30 to 6:45 p.m.—Market, weather reports
6:45 to 6:55 p.m.—Farm Reporter
6:55 to 7 p.m.—Farmer's Exchange
8 to 9:30 p.m.—First Baptist Church

499.7 Meters **KFSD** **Channel 60**
600 Kcys. **1000 Watts**

Airfan Radio Corp., San Diego, Calif.
8:45 to 9 a.m.—Good Cheer program
9 to 10 a.m.—Morning Musical
10 to 11 a.m.—Amy Lou
11 to 11:30 a.m.—Parmelee Dohrmann Co.
11:30 to 12:30 p.m.—Lloyd Peck's Service Hour
2:30 to 3:30 p.m.—Organ concert by Dr. Humphrey J. Stewart
5 to 6 p.m.—Nightly Musical Review
6 to 6:15 p.m.—Late news items
6:15 to 7 p.m.—Studio program
7 to 8 p.m.—Concert trio and Leslie Adams
8 to 9 p.m.—Studio program
9 to 10 p.m.—Nashold's ballroom
10 to 11 p.m.—Hotel Del Coronado Orchestra

218.8 Meters **KGER** **Channel 137**
1370 Kcys. **100 Watts**

C. M. Dobyys, Long Beach, Calif.
2:30 p.m.—Long Beach Municipal Band
4:30 p.m.—Triolian Trio
5 p.m.—Wurlitzer organ
6 p.m.—News and music
6:45 p.m.—Sportlogue
7:30 p.m.—Long Beach Municipal Band
9 p.m.—Wurlitzer organ, Nixon
10 p.m.—Hungarian Gypsy Orchestra
11 p.m.—Cocoanut Grove Orchestra

267.7 Meters **KFSG** **Channel 112**
1120 Kcys. **500 Watts**

Angelus Temple, Los Angeles, California
7 to 8 a.m.—Family Altar Hour
10 to 11 a.m.—Sunshine Hour
11 to 12 noon—Noonday Musicale
2 to 3 p.m.—Studio recording
3 to 4 p.m.—Divine Healing Service
4 to 5 p.m.—Studio program

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THURSDAY Programs

NBC

National Broadcasting Company

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

Betty Crocker has something new to offer the home-maker today in a talk entitled "Yes, We Have Red Devil's Food."

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

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

With Hallowe'en at hand, a holiday talk or two will be offered and a new feature is promised today. Bennie Walker, editor, conducts the hour, which will be opened to a new page entitled "California Home Brand Catsup." Ann Holden gives the talk and will be heard again during the Rubettes Feature. Sara Treat and Don Amalzo, the vagabond violin virtuoso, close the broadcast.

Marian Gilbert, contralto, and Harry Stanton, basso, will be heard again. The orchestra plays under Joseph Hornik's baton.

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

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

Anticipating the first broadcast by the San Francisco Symphony Orchestra during tonight's Standard Symphony Hour, both the elementary and advanced Standard School broadcasts to be heard this morning will deal with the nationally-famous symphonic organization and its program.

The lecture for elementary pupils, which occupies the first 20 minutes of the broadcast period, will include a description of the orchestra, its seating arrangement, and an analysis of themes from the evening program. The violin, French horn and cello will be subjects of further discussion.

For the more advanced listeners, Arthur S. Garbett, NBC Educational Director, has planned a similar talk on the symphony and the selections it will play, as well as a brief lecture on the French horn and the clarinet.

Musical illustrations for both lessons will be provided by the Arion Trio.

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

11:45 to 1 p.m.—Rembrandt Trio, through KGO.

3 to 4 p.m.—House of Myths

Henry Fisk Carleton's dramatization of the love affair between Psyche and Cupid will be revealed in the presentation this afternoon.

Margaret O'Dea, contralto; Gail Taylor, soprano, and the Linden Trio will supply a musical background.

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

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

5 to 6 p.m.—Fleischmann Sunshine Hour

Among the myriad of attractions on the air this afternoon is the Fleischmann Sunshine Hour, announced for presentation to the nation-wide audience through KGO, KHQ, KOMO, KGW and KPO.

6 to 7 p.m.—Stanislas Bem's Little Symphony, KGO.

7 to 7:30 p.m.—Halsey, Stuart Program

The "Old Counsellors'" suggestions and advice will be heard in addition to instrumental selections by an orchestra conducted by Andy

Sannella. Outstanding numbers from "The Scandals of 1924" by Gershwin and a current musical show, "The New Moon," by Romberg, are among the orchestral contributions.

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

7 to 7:30 p.m.—The Olympians, KGO.

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

Alfred Hertz and the San Francisco Symphony Orchestra will present their first bi-weekly concert for audiences of NBC System stations in the West tonight.

Alternating with the Los Angeles Philharmonic Orchestra under the baton of Artur Rodzinski, the San Francisco Symphony will be heard every other Thursday night in programs chosen in conjunction with the morning Standard School broadcasts and given exclusively for radio listeners.

The San Francisco Symphony, including approximately 100 musicians, has become one of the outstanding orchestras in the United States under Hertz's leadership. The orchestra was organized in 1909 with Henry K. Hadley, noted American composer and conductor, as director. Since 1915 Hertz has occupied the conductor's stand.

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

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

"Japanese Toyland," a colorful melody from Earl Carroll's "Music Box Revue," will be played by Max Dolin and his Klyelectroneers during their half hour. "Gotta Feelin' for You" from the "Hollywood Revue of 1929" is another selection programmed, along with a half dozen other popular melodies to be presented in special arrangements.

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

9 to 9:30 p.m.—Memory Lane

Billy Page, the NBC juvenile star, heads the cast presenting this comedy dramologue of midwestern life a quarter century ago and Eileen Piggott shares honors as his "Ma," the effervescent Mrs. Smithers, whose proclivities for social advancement provide amusing material for H. C. Connette's pen.

Broadcast through KGO and KGW.

9:30 to 10 p.m.—Two-Piano Concert, KGO.

10 to 11 p.m.—NBC Green Room

Eva Gruninger Atkinson, contralto, and Harold Spaulding, tenor, have been selected from among staff artists to be the soloists for the NBC Green Room broadcast tonight. They will be assisted by Elmer Crowhurst, organist.

Broadcast through KGO and KFI, and KPO from 10:30 to 11 p.m.

11 to 12 midnight—Musical Musketeers

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

265.3 Meters
1130 Kcys.

KSL

Channel 113
5000 Watts

Radio Service Corp., Salt Lake City, Utah

5 p.m.—Fleischmann Sunshine program, NBC

6 p.m.—Male quartet and assisting artists

7 p.m.—Halsey Stuart, NBC

7:30 p.m.—Victor Radio program, NBC

8 p.m.—Amos 'n' Andy, NBC

8:15 p.m.—Studio program

8:30 p.m.—Klyelectroneers, NBC

9 p.m.—Instrumental ensemble

9:30 p.m.—Blue Blaze Miners

10 p.m.—Snappy Syncopations

THURSDAY Programs

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

Tribune Publishing Co., Oakland, Calif.
7 to 8 a.m.—Exercises; N. Y. stocks
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Health questions
10:15 to 10:30 a.m.—S. F. stocks; weather
10:30 to 11 a.m.—Recordings
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
4:30 to 5 p.m.—Charles T. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer
8 to 8:30 p.m.—Lorelei Trio
8:30 to 9 p.m.—Edgar Russell, the Melody Man
9 to 9:30 p.m.—Gospel hymns—M. J. Goodman, tenor, and Helen Wegman Parmelee, accompanist
9:30 to 10:30 p.m.—Machado's KLX Hawaiians

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

L. A. Evening Express, Los Angeles, Calif.
6:45 to 8 a.m.—Health exercises
8 to 8:15 a.m.—Record program
8:15 to 8:30 a.m.—Inspirational talk
8:30 to 8:55 a.m.—Record program
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's message
10:30 to 11 a.m.—Household Economics
11 to 11:15 a.m.—Marmola So-A-Tone broadcast
12 to 12:30 p.m.—Musical program
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Records and announcements
3 to 3:30 p.m.—French lessons by Edgard Leon
3:30 to 4 p.m.—Louise Johnson, astroanalyst
4 p.m.—Announcements; stock market reports
4:30 to 5 p.m.—C. P. R.'s musical program
5 to 5:15 p.m.—Travelogue
5:15 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 7 p.m.—Organ program
7 to 8 p.m.—KNX feature artists
8 to 8:30 p.m.—Rebroadcast of KFWB
8:30 to 10 p.m.—KNX feature artists
10 to 12 midnight—Cocoanut Grove Orchestra
12 to 1 a.m.—Courtesy program

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

Seattle Broadcasting Co., Seattle, Wash.
6:45 a.m.—Radio Time Clock music
7 a.m.—Eye Opener program
8 a.m.—Program of general interest
9:45 a.m.—Musical program
12 noon—Organ music
12:30 p.m.—Matinee Melodies
3 p.m.—Studio program
5 p.m.—Dinner Hour concert
6 p.m.—Sessions Chimes
6:30 p.m.—Ranch Dance Band
7 p.m.—"Old Uncle Henry," Frank Coombs
8 p.m.—KOL Players, drama
8:30 p.m.—Stay-Young program from KOIN
9 p.m.—A Little Sunshine, Ken Stuart
9:30 p.m.—Margaret Gray, piano; Donald Riste, baritone
10 p.m.—Studio program

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

Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m.—Health exercises by Hugh Barrett
Dobbs and William H. Hancock
8 to 9 a.m.—Shell Happy Time by Hugh Barrett
Dobbs and William H. Hancock
9:30 to 10 a.m.—Dobbsie's Daily Chat
10 a.m.—Bank of America of Calif.
10 to 11 a.m.—Woman's Magazine of the Air, NBC
11 to 11:45 a.m.—Standard School Broadcast, NBC
11:45 to 12:05 p.m.—Time, Scripture, weather and announcements
12:05 to 12:30 p.m.—Elbert Bellows, tenor, and Emilie McCormick, pianist
12:30 to 1:30 p.m.—Shrine luncheon broadcast
1:30 to 2 p.m.—Jerry Jermaine
2 to 3 p.m.—Aeolian Trio; stock quotations
3 to 4 p.m.—House of Myths, NBC
4 to 5 p.m.—Children's Hour
5 to 6 p.m.—Fleischman Hour, NBC
6 to 7 p.m.—KPO Salon Orchestra
7 to 7:30 p.m.—Halsey Stuart, NBC
7:30 to 8 p.m.—Aeolian Trio
8 to 8:30 p.m.—Caswell Musical Episode
8:30 to 9 p.m.—Max Dolin's Kyelectroneers, NBC
9 to 9:30 p.m.—Behlow, Inc., program
9:30 to 10 p.m.—Nathan Abas violin recital
10 to 10:30 p.m.—Tommy Monroe and Bob Allen
10:30 to 11 p.m.—Green Room, NBC
11 to 12 midnight—Musical Musketeers, NBC

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

The Morning Oregonian, Portland, Oregon
7:45 to 8 a.m.—Devotional services
8 to 9 a.m.—Shell Happy Time
9 to 9:15 a.m.—Oregonian Cooking School
9:15 to 9:45 a.m.—Town Crier
9:45 to 10 a.m.—Betty Crocker
10 to 11 a.m.—Magazine of the Air, NBC
11 to 11:45 a.m.—Standard School, NBC
11:45 to 12:15 p.m.—Maytag So-A-Tone
12:15 to 12:30 p.m.—Barbara Gould, KGW
1 to 1:15 p.m.—Market report
1:15 to 1:30 p.m.—Business talk
1:30 to 3 p.m.—Musical entertainment
3 to 4 p.m.—House of Myths, NBC
4 to 5 p.m.—Organ recital
5 to 6 p.m.—Fleischmann, NBC
6 to 7 p.m.—Studio program
7 to 7:30 p.m.—Halsey Stuart, NBC
7:30 to 8:30 p.m.—Standard Symphony, NBC
8:30 to 9 p.m.—Max Dolin's Kyelectroneers, NBC
9 to 9:30 p.m.—Memory Lane program, NBC
9:30 to 9:45 p.m.—Tommy Luke's Flower Girls
9:45 to 10 p.m.—Sport talk
10 to 11 p.m.—Associated Brass Band, KOMO
11 to 12 midnight—Organ recital

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

J. Brunton & Sons, San Francisco, Calif.
6:45 to 8 a.m.—Early Bird Hour
8 to 9:30 a.m.—Favorite recordings
9:30 to 10 a.m.—Helpful Hints to Housewives
10 to 11:45 a.m.—Popular records
11:45 to 12 noon—Agnes Alwyn, Investments
12 to 12:05 p.m.—Stock report
12:05 to 2 p.m.—Variety records
2 to 2:30 p.m.—Dell Raymond and Harry Miles
2:30 to 3 p.m.—Popular records
3 to 3:30 p.m.—Blindcraft program
3:30 to 4 p.m.—Records
4 to 4:30 p.m.—Ben Lipston and Jerry McMillan
4:30 to 5:15 p.m.—New record releases

THURSDAY Programs

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

General Electric Co., Oakland, California
9:45 to 10 a.m.—Betty Crocker Gold Medal Home Service Talk
10 to 11 a.m.—Woman's Magazine of the Air
11 to 11:45 a.m.—Standard School broadcast
11:45 to 1 p.m.—Rembrandt Trio
3 to 4 p.m.—House of Myths
4 to 5 p.m.—Edward J. Fitzpatrick and his Hotel St. Francis Salon Orchestra, S. F.
5 to 6 p.m.—Fleischmann Sunshine Hour
6 to 7 p.m.—Stanislas Bem's Little Symphony, Hotel Whitcomb, S. F.
7 to 7:30 p.m.—The Olympians
7:30 to 8:30 p.m.—Standard Symphony Hour
8:30 to 9 p.m.—Max Dolin and his Klyelectroneers
9 to 9:30 p.m.—Memory Lane
9:30 to 10 p.m.—Two piano concert
10 to 11 p.m.—NBC Green Room
11 to 12 midnight—Musical Musketeers

232.6 Meters **KDYL** **Channel 129**
1290 Kcys. **1000 Watts**

Intermountain Broad. Corp., Salt Lake City
5 p.m.—Dinner Hour Varieties
5:30 p.m.—United States Army Band, CBS
6 p.m.—"Western Baritone"
6:30 p.m.—The Montagues in novel duet arrangements
7 p.m.—Studio time
7:30 p.m.—National Forum from Washington, CBS
8 p.m.—Hotel Paramount Orchestra, CBS
8:30 p.m.—"The Dream Boat," CBS
9 p.m.—Jack Medland, pianist, playing old-time requests
10 p.m.—Musical favorites

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

Louis Wasmer, Inc., Spokane, Washington
7 to 7:30 a.m.—Sunrise Pep Period
7:30 to 8 a.m.—Model Musical Klock
8 to 9 a.m.—Shell Happy Time, NBC
9 to 9:30 a.m.—Musical Bazaar
9:30 to 9:45 a.m.—Sunshine program
9:45 to 10 a.m.—Gold Medal program, NBC
10 to 11 a.m.—Magazine of the Air, NBC
11 to 11:45 a.m.—Standard School Broadcast, NBC
11:45 to 12 noon—Farmers' Service Hour
12 to 12:15 p.m.—Nat'l Sav. Luncheon program
12:15 to 12:30 p.m.—Musical program
12:30 to 1 p.m.—Voice of Spartan
1 to 1:30 p.m.—Crosley Musical Review
1:30 to 1:45 p.m.—Modern Shops a la Mode
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—Washington Home Service
3 to 4 p.m.—House of Myths, NBC
4 to 5 p.m.—Concert orchestra
5 to 6 p.m.—Fleischmann Sunshine Hour, NBC
6 to 6:30 p.m.—Dutch Dough Boys
6:30 to 7 p.m.—Matched Unit Hour
7 to 7:30 p.m.—Halsey Stuart program, NBC
7:30 to 8:30 p.m.—Standard Symphony Hour, NBC
8:30 to 9 p.m.—Max Dolin's Klyelectroneers, NBC
9 to 9:30 p.m.—Crescents Old Time Band
9:30 to 10 p.m.—Studio program
10 to 11 p.m.—Associated Brass Band, KOMO

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

Don Lee, Inc., San Francisco, California
7 to 8 a.m.—"Simp Fitts"; N. Y. stocks
8 to 9 a.m.—Early Birds, featuring Don and Mart, "The Two Boys"; Nell Larson and Ed Skrivianer, DLBS
9 to 9:30 a.m.—Columbia Noon Day Club
9:30 to 10 a.m.—Yoengs' Orchestra, DLBS
10 to 10:30 a.m.—Morning Melodists
10:30 to 11 a.m.—Wyn's Daily Chats
11 to 11:30 a.m.—To be announced
11:30 to 12 noon—Maytag broadcast
12 to 1 p.m.—Sherman Clay noon day concert
1 to 1:30 p.m.—Leigh Harline, 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.—Talk on Popular Psychology, DLBS
3:15 to 3:30 p.m.—Beauty talks
3:30 to 4 p.m.—Recordings
4 to 4:55 p.m.—Harry Carroll's Revue, DLBS
4:55 to 5 p.m.—Town Topics
5 to 5:30 p.m.—Story Man and His Air Castle, DLBS
5:30 to 6 p.m.—Hank Howe and his music, DLBS
6 to 6:30 p.m.—Organ recital, Wesley Tourtlotte
6:30 to 7 p.m.—Walter Krausgrill El Patio Orchestra
7 to 7:30 p.m.—Eskimo Pie program
7:30 to 8 p.m.—National Forum from Washington, D. C., CBS
8 to 9 p.m.—Richfield program, DLBS
9 to 9:30 p.m.—Veedol Vodvil, DLBS
9:30 to 10 p.m.—Bremer Tully program
10 to 10:10 p.m.—Baron Waste and Lucius
10:10 to 11:10 p.m.—Val Valente and his Roof Garden Orchestra
11:10 to 12:10 a.m.—Anson Weeks' Hotel Mark Hopkins Orchestra
12:10 to 1 a.m.—Dorado Club Silver Fizz dance music

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

Nichols & Warinner, Long Beach, Calif.
5 to 7 a.m.—Remote Control KGFJ
7 to 7:30 a.m.—Hello Everybody
7:30 to 8:30 a.m.—Records/news items
8:30 to 9:20 a.m.—Hirshfield's High Steppers
9:20 to 9:30 a.m.—Organ recital
9:30 to 10 a.m.—Hawaiian program
10 to 11 a.m.—Organ recital
11 to 11:30 a.m.—Orchestra; beauty talk
11:30 to 12 noon—Studio orchestra; news
12 to 1 p.m.—Hollywood Girls
1 to 1:15 p.m.—Health and Efficiency
1:15 to 2 p.m.—Originality Girls
2 to 2:30 p.m.—Records; health talk
2:30 to 3 p.m.—Long Beach Municipal Band
3 to 3:30 p.m.—Organ recital
3:30 to 4 p.m.—Long Beach Municipal Band
4 to 4:20 p.m.—News reports
4:20 to 5 p.m.—Old-time dance music
5 to 5:30 p.m.—Organ recital
5:30 to 6 p.m.—Hollywood Girls
6 to 6:05 p.m.—Lost and Found Department
6:05 to 6:30 p.m.—Hollywood Girls
6:30 to 7 p.m.—Doris, Grace and Foster
7 to 7:30 p.m.—Studio orchestra
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 8:30 p.m.—Texas Cowboys
8:30 to 9 p.m.—L. B. Municipal Band
9 to 9:45 p.m.—Cinderella Roof Ballroom
9:45 to 11 p.m.—El Patio Orchestra
11 to 11:30 p.m.—Majestic Ballroom
11:30 to 12 midnight—Silver Spray Orchestra
12 to 1 a.m.—KGFJ

THURSDAY Programs

468.5 Meters **KFI** **Channel 64**
640 Kcys. **5000 Watts**
 Copyright, 1929, E. C. Anthony, Inc., L. A.
 7:30 a.m.—Market quotations
 8 a.m.—Shell Happy Time
 9 a.m.—Sadye Nathan, beauty talks
 9:15 a.m.—Bristow & Co., Ltd., Sylvia and Al
 9:45 a.m.—Betty Crocker, NBC
 10 a.m.—Magazine of the Air, NBC
 11 a.m.—Standard School Broadcast, NBC
 11:45 a.m.—French lesson by Annette Doherty
 12 noon—Dept. of Agriculture talks
 12:15 p.m.—Federal and state market reports
 2 p.m.—Trilorian Trio
 2:15 p.m.—Winnie Moore, Travelogue
 2:30 p.m.—“Phenomena”
 4:30 p.m.—Big Brother
 5 p.m.—Studio program
 5:45 p.m.—Stock market reports
 7 p.m.—Halsey Stuart program, NBC
 7:30 p.m.—Standard Symphony, NBC
 8:30 p.m.—Max Dolin’s Kylelectroneers, NBC
 9 p.m.—North Amer. Bldg. and Loan
 9:30 p.m.—Virginia Flohri and Robert Hurd
 10 p.m.—Green Room, NBC
 11 p.m.—KFI News Bureau

325.9 Meters **KOMO** **Channel 92**
920 Kcys. **1000 Watts**
 Fisher’s Blend Station, Seattle, Washington
 7:55 a.m.—Inspirational services
 8 a.m.—Shell Happy Time
 9 a.m.—Y. M. C. A. health exercises
 9:15 a.m.—Orchestra with Fred Lynch, tenor
 9:30 a.m.—So-A-Tone broadcast
 9:45 a.m.—Betty Crocker, NBC
 10 a.m.—Women’s Magazine of the Air, NBC
 11 a.m.—Standard School broadcast, NBC
 11:45 a.m.—Barbara Gould Audiotone broadcast
 12 noon—Rhena Marshall and G. Donald Gray
 12:15 p.m.—“What to Prepare for Dinner”
 12:30 p.m.—Artistic ensemble with Hayden Morris, basso
 2 p.m.—Orchestra; Greenwood Mitchell, baritone
 3 p.m.—House of Myths, NBC
 4 p.m.—Mining stock quotations
 4:15 p.m.—Kiddies’ program
 4:45 p.m.—Stock, bond and grain quotations
 5 p.m.—Fleischmann Sunshine Hour, NBC
 6 p.m.—Vocal ensemble, direction of Greenwood Mitchell
 7 p.m.—Halsey Stuart program, NBC
 7:30 p.m.—Standard Symphony Hour, NBC
 8:30 p.m.—Max Dolin’s Kylelectroneers, NBC
 9 p.m.—Crescent Old Time Band
 10 p.m.—Associated Oil Football Hour
 11 p.m.—Marmola So-A-Tone broadcast
 11:15 p.m.—News flashes
 11:30 p.m.—Musical Musketeeers, NBC
 12 to 12:30 a.m.—Organ recital

230.6 Meters **KGEF** **Channel 130**
1300 Kcys. **1000 Watts**
 Trinity Methodist Church, Los Angeles, Cal.
 6 p.m.—Mrs. Tom Murray
 7 p.m.—Dr. Fredus Nelson Peters
 7:30 p.m.—Thomas Govan
 8 p.m.—Bob Shuler’s Civic Message
 9 p.m.—Martha and De Vere Nicholson
 9:30 p.m.—Miscellaneous program
 10 p.m.—Adda Weldmyer and Lois Wilheite
 10:30 p.m.—Hired Man

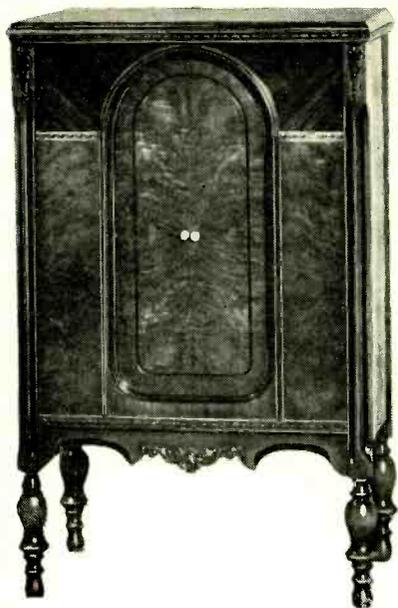
322.4 Meters **KFWI** **Channel 93**
930 Kcys. **500 Watts**
 Radio Entertainments, San Francisco, Calif.
 7 to 8 a.m.—Health exercises
 10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
 10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linebarger
 10:50 to 11 a.m.—News items
 12 to 12:15 p.m.—Pal of the Air
 12:15 to 1 p.m.—Popular recordings
 1 to 1:30 p.m.—Country Store, Cal King
 6 to 6:30 p.m.—Toyland
 6:30 to 7 p.m.—Recordings
 11 to 12 midnight—Dance music, New Shanghai Playgirls

322.4 Meters **KFWM** **Channel 93**
930 Kcys. **500 Watts**
 Oakland Educational Society, Oakland, Cal.
 8 to 8:30 a.m.—Select recordings
 8:30 to 9 a.m.—Health questions answered
 9 to 10 a.m.—Select recordings
 11 to 12 noon—Recordings; Kingdom Message
 1:30 to 2:30 p.m.—Edna’s Entertainment Hour
 2:30 to 3 p.m.—Brother Walter
 3 to 3:30 p.m.—Piano recital
 3:30 to 4:30 p.m.—George Otto’s Hawaiians
 4:30 to 5 p.m.—Tea Time Tabloid
 5 to 6 p.m.—Cy Perkins
 7 to 8 p.m.—Doc Herrold
 8 to 9 p.m.—The Watch Tower program
 9 to 10 p.m.—The Variety Hour
 10 to 11 p.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.—Physical culture period
 7:30 to 7:40 a.m.—Stock Exchange reports
 7:40 to 8 a.m.—Don Lee, Inc. program
 8 to 9 a.m.—Early Birds, to KFRC
 9 to 9:30 a.m.—Breakfast Nook Philosophy
 9:30 to 10 a.m.—Julie Wintz Orch., CBS
 10 to 11 a.m.—A. White, “At Our House”
 11 to 11:45 p.m.—Patterns in Prints, CBS
 11:45 to 12 noon—Normalizer Synd. program
 12 to 12:30 p.m.—Biltmore Hotel Orch.
 12:30 to 12:45 p.m.—World-wide News
 12:45 to 1:30 p.m.—Leigh Harline, organ recital
 1:30 to 2 p.m.—Charlie Wellman
 2 to 3 p.m.—Fada Radio program
 3 to 3:15 p.m.—Talk on Books
 3:15 to 3:30 p.m.—Police Com. Thorpe
 3:30 to 3:45 p.m.—Talk on Dogs
 3:45 to 4 p.m.—Dr. Philip M. Lovell
 4 to 5 p.m.—Matinee Melody Mastes
 5 to 5:30 p.m.—The Story Man
 5:30 to 6 p.m.—Don Lee Dance Band
 6 to 6:45 p.m.—Organ recital, with singers
 6:45 to 7 p.m.—World-wide news
 7 to 8 p.m.—Sierra Symphonists
 8 to 9 p.m.—Richfield Oil program
 9 to 10 p.m.—Don Lee Symphony
 10 to 12 midnight—Earl Burtnett’s Dance Orch.
 12 to 1 a.m.—Wesley Tourtellotte, organist

499.7 Meters **KFSD** **Channel 60**
600 Kcys. **1000 Watts**
 Airfan Radio Corp., San Diego, Calif.
 6 to 6:15 p.m.—Late news items
 6:15 to 7 p.m.—Studio program
 7 to 8 p.m.—Concert trio; John Wells, baritone
 8 to 8:30 p.m.—Manuel deHesa
 8:30 to 9 p.m.—Studio program
 9 to 10 p.m.—Aldrich’s Royal Hawaiians
 10 to 11 p.m.—Nashold’s ballroom
 11 to 12 midnight—Hotel Del Coronado Orch.

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Read This--

Adams' Radio Shop
L. C. Adams, Proprietor

Majestic and Silver Radio Sets

Developing and Patenting, U.S.A., France, Mexico, Colombia
Musical Instruments

114 Lombard Avenue
California, California Oct. 5th, 1929

Mr. E. M. Sargent
357 - 12th St.,
Oakland, Calif.

Dear Mr. Sargent:

I am writing to tell you that on Saturday 2:30 A. M. my brother played on the Silver set, JOAK, Japan with enough volume to be heard for blocks if the set had been outside. This was done using a ground wire only, fastened to the antenna post on the set. With the set as it is, that is, using nothing but the screen as an aerial, and without ground this same station was received with greater volume than KGO or KPO can be received here on the ordinary five tube set. I think that this is remarkable. And this, too, when the static and man made interference was terrible.

Believing this will interest you, I remain,

With best personal regards,

Yours truly,

There Are Many Others--

This letter is only a sample of what SILVER RADIO is doing all over California,—in fact all over the United States. Users are reporting reception of signals from all over the country, even from some of the low power stations of the Middle West.

At last you can buy a radio receiver that is ABSOLUTELY COMPLETE inside the console. It is only necessary to plug it into a light socket,—just like a floor lamp,—and it is ready to operate. Dealers like to demonstrate them, and people like to use them. It is one step ahead of the field in radio convenience without any sacrifice in radio efficiency.

FRIDAY Programs

NBC

National Broadcasting Company

- 10 to 10:15 a.m.—Du Barry Radio Program
"What Your Letters Mean to Me" is the subject of an intimate talk to be given to the radio audience by Doris Hale during the Du Barry broadcast through KGO, KHQ, KOMO, KGW, KPO, KFI and KSL.
- 10:15 to 10:30 a.m.—James Whitcomb Riley period, KGO.
- 10:30 to 11:30 a.m.—"Woman's Magazine of the Air"
Bennie Walker will step out of his role as editor a moment today to sing a group of solos for the audience. Ann Holden and the M. J. B. Chef are the morning's speakers as the Kraft, M. J. B. and Alpine Features of the Magazine are read. Miss Holden will tell first of recipes for macaroni dishes and afterward of cream fillings for pie. The M. J. B. Chef will discuss tea.
- Jack Deane will sing in addition to Walker. Broadcast through KGO, KGW, KPO and KFI the entire hour; KHQ and KOMO from 10:30 to 11:10 a.m.
- 11:30 to 1 p.m.—Rembrandt Trio, KGO.
- 1 to 2 p.m.—Pacific Little Symphony
A tumultuous saga of the sea, "The Flying Dutchman" overture, opens the Pacific Little Symphony's program. A tone picture of the fantastic legend of Van Der Deken, the "Flying Dutchman" overture is a work of wild and stormy grandeur and a favorite for symphonic orchestral exposition. Charles Hart will be in the conductor's stand.
Broadcast through KGO and KOMO.
- 3:30 to 4 p.m.—"What's Happening in the World," KGO.
- 4 to 4:45 p.m.—Hotel St. Francis Salon Orchestra, KGO.
- 4:45 to 5 p.m.—"Back of the News in Washington"
Talking in the Washington, D. C., studios of the NBC System, Willard Hard, political analyst, will be heard by a nation-wide radio audience in a discussion on pertinent governmental news events.
Broadcast through KGO, KOMO and KPO.
- 6 to 6:30 p.m.—Interwoven Pair
Familiarly known to members of their large army of radio friends as the Interwoven Pair, Billy Jones and Ernie Hare will chatter, sing and offer skits during the course of their transcontinental broadcast.
Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 6:30 to 7 p.m.—Philco's Theater Memories
Recalled by the songs of Jessica Dragonette and Colin O'More, soprano and tenor soloists, Philco's Theater Memories will be broadcast tonight. An orchestra directed by Harold Sanford will complete the list of microphone artists who will be heard during this presentation.
Broadcast through KGO, KHQ, KOMO, KGW and KFI.
- 7 to 7:30 p.m.—Armstrong Quakers
Two soloists, Lois Bennett, soprano, and Mary Hopple, contralto, will be among the Armstrong Quakers. A male quartet and the

Armstrong Orchestra under the baton of Victor Arden will also participate in the program. Broadcast through KGO, KHQ, KOMO, KGW and KFI.

- 7:30 to 8 p.m.—Armour Program
With a cast of artists numbering more than 50, the Armour program will be released from Chicago.
The 30-piece orchestra, directed by Joseph Koestner, a mixed chorus of 18 voices, a vocal trio, and Fred Waldner, tenor, will be in the studio for this musical presentation.
Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 8 to 9 p.m.—RCA Hour
Romance of old California will live again in the melodies of the "Habenera" and the "Vaqueros' Song" from Victor Herbert's one grand opera, "Natoma. In this initial selection by the RCA Orchestra under Max Dolin's direction, the "Habenera" recalls Natoma, the Indian girl who stabs the man she loves in vain, while the "Vaqueros' Song" suggests the dashing Spaniards who form a part of the colorful background for the operatic drama. Azucena, the vengeful gypsy of Verdi's "Il Trovatore," will live again briefly in Margaret O'Dea's contralto solo, "Home to Our Mountains."
The second period of the hour brings Henry M. Hyde's educational lecture on "Astronomy," followed by a tenor solo by Harold Spaulding, Ware's "Joy of the Morning."
Broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 9 to 9:30 p.m.—Borden Program
With Joseph Hornik in the conductor's stand, the Blue and White Band will play first "Over and Over Again" and "Old Virginia Moon," the Borden quartet contributing a vocal chorus for the latter selection.
Austin Mosher, Myron Niesley, Harry Stanton and Ben Klassen are the singers who will be heard in "Meet Me Tonight in Dreamland," the amusing "Quilting Party," and "If I Had My Way."
Broadcast through KGO, KHQ, KOMO, KGW, KPO, KFI, KSL and KOA.
- 9:30 to 10 p.m.—Union Service Station Four
Uncle Hiram, the modern Arkansas Traveler, and the Union Service Station Four will be heard in a 30-minute program of comedy and music tonight through KGO, KHQ, KOMO, KGW, KPO and KFI.
- 10 to 10:30 p.m.—"In the Parlor"
Bobbe Deane, Ted Maxwell, Ben McLaughlin and Charles Marshall head the cast of dramatic and musical artists who appear in these playlets, written by H. C. Connette.
Broadcast through KGO, KHQ, KFI and KOA.
- 10:30 to 11 p.m.—"The Nomads"
The half hour concert will present Charles Hart, conductor of "The Nomads" and a pianist of note, and Lucile Kirtley, soprano, as soloists. Hart will offer an impromptu based on Schubert's "Rosamunde" music. Miss Kirtley's selections will be announced during the broadcast.
Broadcast through KGO, KHQ, KFI and KOA.
- 11 to 12 midnight—Musical Musketeers
Walter Beban directs the 14-piece band which will interpret a group of especially arranged song and dance favorites.
Broadcast through KHQ, KOMO and KPO.
- 11 to 12 midnight—Henry Halstead's Hotel St. Francis Dance Orchestra, KGO.

FRIDAY Programs

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

- Don Lee, Inc., San Francisco, California**
 7 to 8 a.m.—"Simpy Fitts"; N. Y. stocks
 8 to 9 a.m.—Alarm Clock, DLBS
 9 to 9:30 a.m.—Columbia Noon Day Club, CBS
 9:30 to 10 a.m.—Yoengs' Orchestra, CBS
 10 to 11 a.m.—Wyn's Daily Chats
 11 to 11:30 a.m.—Mary Lewis Haines
 11:30 to 11:45 a.m.—Raladam broadcast
 11:45 to 12 noon—Auditions
 12 to 1 p.m.—Sherman & Clay concert
 1 to 1:30 p.m.—Leigh Harline, DLBS
 1:30 to 2 p.m.—Charlie Wellman, DLBS
 2 to 3 p.m.—Happy-Go-Lucky Hour
 3 to 3:30 p.m.—Musical record program
 3:30 to 3:35 p.m.—Something About Everything
 3:35 to 4 p.m.—News bulletins, lost and found
 4 to 4:55 p.m.—Matinee Melody Masters, DLBS
 4:55 to 5 p.m.—Town Topics
 5 to 5:30 p.m.—Story Man and His Air Castle, DLBS
 5:30 to 6 p.m.—Hank Howe and his music, DLBS
 6 to 6:15 p.m.—Pat Frayne, sports
 6:15 to 6:30 p.m.—Nunn Busch Shoe Company program
 6:30 to 7 p.m.—To be announced
 7 to 7:30 p.m.—Stanley's 25 Club
 7:30 to 8 p.m.—Anna Kristina
 8 to 8:30 p.m.—Orchestra and soloists
 8:30 to 9 p.m.—"Brunswick Brevities"
 9 to 10 p.m.—True Story Hour—Adventures of Mary and Bob with dramatized true stories
 10 to 10:10 p.m.—Baron Waste and Lucius
 10:10 to 11:10 p.m.—Anson Weeks' Hotel Mark Hopkins Orchestra
 11:10 to 12:10 a.m.—Val Valente and his Roof Garden Orchestra
 12 to 1 a.m.—Dorado Club Silver Fizz dance music

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

- Louis Wasmer, Inc., Spokane, Washington**
 7 to 7:30 a.m.—Sunrise Pep Period
 7:30 to 8 a.m.—Model Musical Klock
 8 to 9 a.m.—Shell Happy Time, NBC
 9 to 10 a.m.—Musical Bazaar
 10 to 10:15 a.m.—Du Barry program, NBC
 10:15 to 10:30 a.m.—Sunshine Liberty organ
 10:30 to 11:10 a.m.—Magazine of the Air, NBC
 11:10 to 12 noon—Farmers' Service Hour
 12 to 12:15 p.m.—Nat'l Sav. luncheon program
 12:15 to 12:30 p.m.—Musical program
 12:30 to 1 p.m.—Voice of Spartan
 1 to 1:30 p.m.—Crosley Musical Review
 1:30 to 1:45 p.m.—Modern Shops a la Mode
 1:45 to 2 p.m.—Fur Facts
 2 to 3 p.m.—Gems from Sartori
 3 to 3:30 p.m.—Theatrical review
 3:30 to 4 p.m.—"Paint o' Mine" period
 4 to 5 p.m.—Concert orchestra
 5 to 5:30 p.m.—Matched Unit Hour
 5:30 to 6 p.m.—Dutch Dough Boys
 6 to 6:30 p.m.—Interwoven Pair, NBC
 6:30 to 7 p.m.—Philco Theater Memories, NBC
 7 to 7:30 p.m.—Armstrong Quakers, NBC
 7:30 to 8 p.m.—Armour program, NBC
 8 to 9 p.m.—RCA Hour, NBC
 9 to 9:30 p.m.—Borden Milk, NBC
 9:30 to 10 p.m.—Service Station Four, NBC
 10 to 10:30 p.m.—In the Parlor, NBC
 10:30 to 11 p.m.—The Nomads, NBC
 11 to 12 midnight—Musical Musketeers, NBC

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

- 10 to 10:15 a.m.—Du Barry Radio Talk
 10:15 to 10:30 a.m.—James Whitcomb Riley period
 10:30 to 11:30 a.m.—Woman's Magazine of the Air
 11:30 to 1 p.m.—Rembrandt Trio
 1 to 2 p.m.—Pacific Little Symphony
 3:30 to 4 p.m.—What's Happening in the World, John D. Barry
 4 to 4:45 p.m.—Edward J. Fitzpatrick and his Hotel St. Francis Salon Orchestra
 4:45 to 5 p.m.—Back of the News in Washington, William Hard
 6 to 6:30 p.m.—Interwoven Pair
 6:30 to 7 p.m.—Philco's Theater Memories
 7 to 7:30 p.m.—Armstrong Quakers
 7:30 to 8 p.m.—Armour Hour
 8 to 9 p.m.—RCA University of the Air
 9 to 9:30 p.m.—Borden Milk program
 9:30 to 10 p.m.—Union Oil Service Station Four
 10 to 10:30 p.m.—In the Parlor
 10:30 to 11 p.m.—The Nomads
 11 to 12 midnight—Henry Halstead's Hotel St. Francis Dance Orchestra, S. F.

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

- Radio Service Corp., Salt Lake City, Utah**
 5 p.m.—Studio program
 5:30 p.m.—Local production
 6 p.m.—Interwoven Pair, NBC
 6:30 p.m.—Philco Hour, NBC
 7 p.m.—Armstrong Quakers, NBC
 8 p.m.—Amos 'n' Andy, NBC
 8:15 p.m.—Brunswick recording artists
 8:45 p.m.—Informal program
 9 p.m.—Borden program, NBC
 9:30 p.m.—Studio program
 10 p.m.—In the Parlor, NBC
 10:30 p.m.—The Nomads, NBC

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

- L. A. Evening Express, Los Angeles, Calif.**
 6:45 to 7:30 a.m.—Health exercises
 7:45 to 8:15 a.m.—Georgia O. George
 8 to 8:15 a.m.—Record program
 8:15 to 8:30 a.m.—Inspirational talk
 8:30 to 8:55 a.m.—A Menu for Sunday Dinner
 9:30 to 10 a.m.—Radio shopping news
 10 to 10:30 a.m.—Town Crier's message
 10:30 to 11 a.m.—Radio Church of the Air
 11 to 11:30 a.m.—Women's Christian Temperance Union program
 12 to 12:30 p.m.—Musical program
 12:30 to 12:45 p.m.—Bell Laboratories
 1:30 to 2 p.m.—The Bookworm
 2 to 2:30 p.m.—Records and announcements
 3:30 to 4 p.m.—Federation of Women's Clubs' program
 4 p.m.—Announcements; stock market reports
 4:30 to 5 p.m.—C. P. R.'s musical program
 5 to 5:15 p.m.—Travelogue
 5:15 to 5:45 p.m.—"Own Your Own Home"
 5:45 to 6 p.m.—Town Crier's amusement tips
 6 to 7 p.m.—Organ program
 7 to 7:30 p.m.—KNX feature artists
 7:30 to 8 p.m.—Program typical of one of the states
 8 to 9 p.m.—Royal Order of Optimistic Do-Nuts
 9 to 9:45 p.m.—The Lion Tamers
 9:45 p.m.—Broadcasting the main event from the Hollywood Legion Stadium
 10 to 12 midnight—Cocoonat Grove Orchestra
 12 to 1 a.m.—Courtesy program

FRIDAY Programs

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

Pacific Broadcasting Corp., San Francisco
 9 to 9:30 a.m.—Morning request recorded program
 9:30 to 10 a.m.—Program for Fox and Warfield Theaters
 10 to 10:30 a.m.—Recorded program
 10:30 to 11 a.m.—Oregon City Boys, George Taylor and Clem Kennedy
 11 to 12 noon—California Sunshine Hour, conducted by George Taylor
 12 to 1:30 p.m.—Popular recordings
 1:30 to 6 p.m.—Recordings
 6 to 6:30 p.m.—Sidley Co. program
 6:30 to 7 p.m.—Program for Fox and Warfield Theaters
 7 to 7:15 p.m.—George Taylor
 7:15 to 7:30 p.m.—Hazel Warner and Constance Piper
 7:30 to 7:40 p.m.—Cecil and Sally in the Funniest Things
 7:40 to 8:30 p.m.—Pacific Artists' Trio; George Nickson, soloist
 8:30 to 9 p.m.—Song recital, Dorothy Lewis, contralto; Claire Unshur, soprano, and Constance Piper, pianist
 9 to 9:50 p.m.—Pacific Artists' Trio, under the direction of Liborius Hauptmann; Mary Atkinson, soprano soloist
 9:50 to 10 p.m.—Metro and Cosmo, the Politan Brothers
 10 to 11 p.m.—Byington Electric program
 11 to 12 midnight—W. L. Saphire program of musical gems
 12 to 1 a.m.—Universal Safety Co. all request program

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

Fisher's Blend Station, Seattle, Washington
 7:55 a.m.—Inspirational services
 8 a.m.—Shell Happy Time
 9 a.m.—Y. M. C. A. health exercises
 9:15 a.m.—Organ recital
 10 a.m.—Dubarry Radio Talk, NBC
 10:15 a.m.—Dorothea Wei and G. Donald Gray
 10:30 a.m.—Women's Magazine of the Air, NBC
 11:10 a.m.—Orchestra; Greenwood Mitchell and VeOna Socolofsky
 12:15 p.m.—"What to Prepare for Dinner"
 12:30 p.m.—Artistic Ensemble
 1 p.m.—Pacific Little Symphony, NBC
 2 p.m.—Orchestra; Fred Lynch and Dorothea Wei
 3:15 p.m.—Orchestra; G. Donald Gray
 4 p.m.—Mining stock quotations
 4:15 p.m.—Mixed quartet
 4:30 p.m.—Stock, bond and grain quotations
 4:45 p.m.—Back of the news, NBC
 5 p.m.—Orchestra; Greenwood Mitchell and Rhena Marshall
 6 p.m.—Interwoven Pair, NBC
 6:30 p.m.—Philco's Theater Memories, NBC
 7 p.m.—Armstrong Quakers, NBC
 7:30 p.m.—The Armour Hour, NBC
 8 p.m.—RCA Univ. of the Air, NBC
 9 p.m.—Borden Milk program, NBC
 9:30 p.m.—Union Service Station Four, NBC
 10 p.m.—So-A-Tone broadcast
 10:30 p.m.—Cheasty's Blues Follies
 11:30 p.m.—News flashes
 11:45 p.m.—Musical Musketeers, NBC
 12 to 12:30 a.m.—Organ recital

545.1 Meters **KTAB** **Channel 55**
550 Kcys. **500 Watts**
Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Rastus and Sambo, the Eyeopeners
 8 to 9 a.m.—Recordings
 9 to 9:30 a.m.—Morning prayer service
 9:30 to 10:30 a.m.—Recordings
 10:30 to 11 a.m.—Dr. Corley
 11 to 12 noon—Barney Lewis' Tabloid of the Air
 12 to 1 p.m.—Sterling Cosmopolitans
 1 to 1:30 p.m.—Chapel of the Chimes
 1:30 to 2 p.m.—Fanchon's Style Chats
 2 to 3 p.m.—Organ recital
 3 to 4 p.m.—Melody Masters
 4 to 5 p.m.—Home Towners
 5 to 6 p.m.—Brother Bob's Frolic Hour
 6 to 6:30 p.m.—Sterling Cosmopolitans
 6:30 to 7 p.m.—Twilight Hour
 7 to 7:30 p.m.—Recordings
 7:30 to 8 p.m.—Al Sather
 8 to 8:30 p.m.—Organ recital
 8:30 to 9 p.m.—Mystery play
 9 to 10 p.m.—Melody Masters
 10 to 11 p.m.—Pickwickians Dance Orchestra
 11 to 1 a.m.—Night Owls with Willard Kimball

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

J. Brunton & Sons, San Francisco, Calif.
 6:45 to 8 a.m.—Early Bird Hour
 8 to 9 a.m.—Popular recordings
 9 to 9:30 a.m.—Helpful Hints to Housewives
 9:30 to 10 a.m.—Andy Anderson, pianist
 10 to 10:45 a.m.—Records
 10:45 to 11 a.m.—Dr. Wiseman, health talk
 11 to 12 noon—Recorded program
 12 to 12:05 p.m.—Stock report
 12:05 to 2 p.m.—Variety records
 2 to 2:30 p.m.—Concert music
 2:30 to 3 p.m.—Record program
 3 to 4 p.m.—Bridge Hour records
 4 to 4:30 p.m.—Red Seal records
 4:30 to 5 p.m.—Barnes Sunset Revue
 5 to 5:15 p.m.—Records

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

Don Lee, Inc., Los Angeles, California
 7 to 7:30 a.m.—Physical culture period
 7:30 to 7:40 a.m.—Stock Exchange report
 7:40 to 8 a.m.—Don Lee, Inc., program
 8 to 9 a.m.—Alarm Clock, to KFRC
 9 to 9:45 a.m.—Recordings
 9:45 to 10 a.m.—Dr. Paul J. Dorosh
 10 to 11 a.m.—A. White, "At Our House"
 11 to 11:15 a.m.—Normalizer Synd. program
 11:15 to 11:30 a.m.—Spanish lesson, Mrs. A. H. Doherty
 11:30 to 12 noon—U. of S. Cal. Trojan period
 12 to 12:30 p.m.—Biltmore Hotel Concert Orch.
 12:30 to 12:45 p.m.—World-wide news
 12:45 to 1:30 p.m.—Leigh Harline, organ recital
 1:30 to 2 p.m.—Charlie Wellman
 2 to 3 p.m.—Fada Radio program
 3 to 3:15 p.m.—E. Mayne, Shakespearian readings
 3:15 to 3:30 p.m.—Dr. Herzog's school program
 3:30 to 4 p.m.—Council of Int. Relations
 4 to 5 p.m.—E. Allman's Surprise Package
 5 to 5:30 p.m.—The Story Man
 5:30 to 6 p.m.—Don Lee Dance Band
 6 to 6:45 p.m.—W. Tourtellotte, organ recital
 6:45 to 7 p.m.—World-wide News
 7 to 7:30 p.m.—Pelton Motor program
 7:30 to 8 p.m.—Desmond's program
 8 to 9 p.m.—Forest Lawn continuity program
 9 to 10 p.m.—True Story Hour, CBS
 10 to 12 midnight—Biltmore Dance Orch.
 12 to 1 a.m.—W. Tourtellotte, organist

FRIDAY Programs

440.9 Meters Channel 68
680 Kcys. KPO 5000 Watts

Hale Bros. & The Chronicle, San Francisco
 7 to 8 a.m.—Health exercises by Hugh Barrett Dobbs and William H. Hancock
 8 to 9 a.m.—The Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock
 9:30 to 10 a.m.—Dobbsie's Daily Chat
 10 to 10:15 a.m.—Du Barry program, NBC
 10:30 to 11:30 a.m.—Woman's Magazine of the Air
 11:45 to 12:05 p.m.—Time, Scripture, weather and announcements
 12:05 to 12:45 p.m.—Saul Sieff and Wilbur Stump, piano duo
 12:45 to 1:30 p.m.—Commonwealth Club luncheon
 1:30 to 2 p.m.—Jerry Jermaine
 2 to 3 p.m.—Aeolian Trio; stock quotations
 3 to 4 p.m.—Studio Hour
 4 to 4:30 p.m.—Theodore Strong, organ recital
 4:30 to 4:45 p.m.—Bank of Amer. of Calif.
 4:45 to 5 p.m.—Back of the News, NBC
 5 to 5:50 p.m.—Children's Hour
 5:50 to 6 p.m.—News digest, "Scotty" Mortland
 6 to 6:30 p.m.—Interwoven Pair, NBC
 6:30 to 7 p.m.—Philco Theater Memories, NBC
 7 to 7:30 p.m.—Studio program
 7:30 to 8 p.m.—Armour Hour, NBC
 8 to 9 p.m.—RCA Hour, NBC
 9 to 9:30 p.m.—"Borden Milk Program," NBC
 9:30 to 10 p.m.—Union Service Station Four, NBC
 10 to 11 p.m.—Jesse Stafford's Palace Hotel Dance Orchestra
 11 to 12 midnight—Musical Musketeers, NBC

239.9 Meters Channel 125
1250 Kcys. KFOX 1000 Watts

Nichols & Warinner, Long Beach, Calif.
 5 to 7 a.m.—Remote Control KGFJ
 7 to 7:30 a.m.—Hello Everybody
 7:30 to 8:30 a.m.—Records; news items
 8:30 to 9 a.m.—Hirshfield's High Steppers
 9:30 to 10 a.m.—Hawaiian program and novelty songs
 10 to 11 a.m.—Organ recital
 11 to 11:30 a.m.—Orchestra; beauty talk
 11:30 to 11:50 a.m.—Early news report
 11:50 to 12 noon—Studio orchestra
 12 to 1 p.m.—Hollywood Girls
 1 to 1:30 p.m.—Masonic luncheon
 1:30 to 2 p.m.—Originality Girls
 2 to 2:30 p.m.—Records; health talk
 2:30 to 3 p.m.—Long Beach Municipal Band
 3 to 3:30 p.m.—Organ recital
 3:30 to 4 p.m.—Long Beach Municipal Band
 4 to 4:20 p.m.—News report
 4:20 to 5 p.m.—Crystal Roof Melody Makers
 5 to 5:30 p.m.—Organ recital
 5:30 to 6 p.m.—Hollywood Girls
 6 to 6:05 p.m.—Lost and Found Department
 6:05 to 6:30 p.m.—Hollywood Girls, novelty trio
 6:30 to 7 p.m.—Kaal Hawaiian Trio
 7 to 7:30 p.m.—Novelty vocal and instrumental trio
 7:30 to 8 p.m.—Buster Wilson's orchestra
 8 to 9 p.m.—Quartet, Eva Balfour and Gene Pinkston
 9 to 9:45 p.m.—Cinderella Roof Ballroom
 9:45 to 11 p.m.—El Patio Ballroom Orchestra
 11 to 11:30 p.m.—Majestic Ballroom Orchestra
 11:30 to 12 midnight—Silver Spray Ballroom
 12 to 1 a.m.—KGFJ

340.7 Meters Channel 88
880 Kcys. KLX 500 Watts

Tribune Publishing Co., Oakland, Calif.
 7 to 8 a.m.—Exercises; N. Y. stocks
 8 to 9 a.m.—Jean Kent
 9 to 9:30 a.m.—Modern Homes period
 9:30 to 10:15 a.m.—Recordings
 10:15 to 10:30 a.m.—S. F. stocks; weather
 10:30 to 10:50 a.m.—Recordings
 10:50 to 11 a.m.—Belco talk
 11 to 12 noon—Classified adv. hour
 12 to 1 p.m.—Machado's KLX Hawaiians
 1 to 2 p.m.—Jean's Hi-Lights
 2 to 3 p.m.—Recordings
 4:30 to 5 p.m.—Charles T. Besserer, organist
 5 to 5:30 p.m.—Brother Bob
 5:30 to 6 p.m.—Cressy Ferra, pianist
 6 to 7 p.m.—Hotel Oakland concert trio
 7 to 7:30 p.m.—News broadcast
 7:30 to 8 p.m.—Edna Fischer
 8 to 10 p.m.—Hi-Jinks—Machado's KLX Hawaiians, Helen Parmelee, pianist; M. J. Goodman, tenor; Thelma Hall, soprano; Fred Bounds, tenor; Amatl Quartet; Howard Peterson, xylophonist; Margaret Vogel, contralto; lost and found; piano duo; Bill Simmons, yodeler; Jean Scott, lady baritone, and Four Horsemen
 10 to 11 p.m.—Fleur de Lis Orchestra

322.4 Meters Channel 93
930 Kcys. KFWI 500 Watts

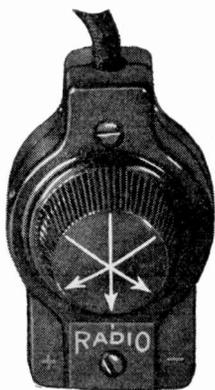
Radio Entertainments, San Francisco, Calif.
 7 to 8 a.m.—Health exercises
 8 to 9 a.m.—Musical Klock, recordings
 9 to 9:30 a.m.—Country Store, Cal King
 9:30 to 10 a.m.—Shopping Tour
 10 to 10:30 a.m.—Songs of Yesterday, Charlie Glen
 10:30 to 10:50 a.m.—Health talk, Dr. T. G. Linebarger
 10:50 to 11 a.m.—News flashes
 11 to 12 noon—Golden Gate Crier
 12 to 12:15 p.m.—Pal of the Air
 12:15 to 12:30 p.m.—Records
 12:30 to 1 p.m.—Song recital, Maybelle Payne
 1 to 1:30 p.m.—Country Store, Cal King
 1:30 to 2 p.m.—Popular recordings
 2 to 2:30 p.m.—Audition period
 6 to 7 p.m.—Request recordings
 8:30 to 8:45 p.m.—The Gloom Chasers, Truman Bishop Handy and Elgin Doane
 8:45 to 9 p.m.—Tom and Jerry
 9 to 9:30 p.m.—Davey Jones
 9:30 to 9:40 p.m.—News flashes
 9:40 to 10 p.m.—Popular program
 10 to 11 p.m.—South of Market Street Girls
 11 to 12 midnight—Dance music, New Shanghai Playgirls

296.6 Meters Channel 101
1010 Kcys. KQW 500 Watts

First Baptist Church, San Jose, Calif.
 10 to 11 a.m.—Helpful Hour
 12 to 12:30 p.m.—Musical program
 12:30 to 1 p.m.—Market reports, weather
 1:30 to 2:30 p.m.—The Friendly Hour
 2:30 to 3:30 p.m.—Musical program
 5 to 5:30 p.m.—Children's program
 5:30 to 6 p.m.—Musical programs
 6 to 6:10 p.m.—U. S. D. A. Farm Flashes
 6:10 to 6:30 p.m.—Crop Digest
 6:30 to 6:45 p.m.—Market, weather reports
 6:45 to 6:55 p.m.—Farm Reporter
 6:55 to 7 p.m.—Farmer's Exchange
 7 to 8 p.m.—Farm Bureau Radio News
 8 to 9 p.m.—KQW Minstrels
 9 to 9:30 p.m.—Leda Gregory Jackson

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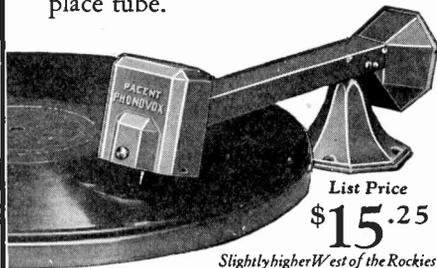
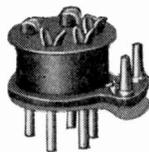
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SATURDAY Programs

NBC

National Broadcasting Company

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

Topics of particular interest to the rural audience are discussed during the course of the broadcast, which comes to the West through KGO, KHQ, KOMO, KGW and KFI.

10:45 to 11:30 a.m.—The Three Boys, KGO.

11:30 to 1 p.m.—Rembrandt Trio, KGO.

5 to 5:30 p.m.—“The Lyric Challengers”

Another dramatization based on an event in the life of a world-renowned man will be heard.

Broadcast through KGO, KHQ, KGW, KFI.

6 to 7 p.m.—General Electric Hour

The third of the fall series of General Electric Hour symphonic radio concerts with Walter Damrosch wielding the baton.

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

7 to 8 p.m.—Lucky Strike Hour

B. A. Rolfe's baton will set the tempo as the Lucky Strike Hour of “tunes that made Broadway Broadway” is broadcast through KGO, KHQ, KOMO, KGW, KPO and KFI.

8 to 8:30 p.m.—“Temple of the Air”

“Temple Bells,” the opening and closing musical salutation of the “Temple of the Air,” will be heard tonight.

Other musical items in the latest “Temple of the Air” presentation include a mixed quartet singing “Painting the Clouds with Sunshine” and “I'm in Love,” the theme song of “The Great Gabbo,” a new motion picture, both of which will have orchestral accompaniment; a piano duo playing “Canadian Capers” an “Supposin'” and a performance of “Chinese Lullaby” by a string ensemble.

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

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

9 to 9:30 p.m.—“Launderland Lyrics”

The singers whose selections will intersperse the orchestral numbers are Barbara Blanchard, soprano, and Irving Kennedy, tenor. Charles Hart will lead the 20 instrumentalists in the orchestra as they offer special arrangements of modern melodies.

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

9:30 to 10 p.m.—Western Artist Series Concert, KGO.

10 to 11 p.m.—Tales Never Told

A quartet of songs provide the inspiration for the plots in the “Tales Never Told” feature. These radio dramalogues are from the pen of Harry De Lasaux and Ted Maxwell and call for a combination of music and drama.

Broadcast through KGO and KHQ.

11 to 12 midnight—Musical Musketeers

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

Broadcast through KGO, KHQ, KOMO and KPO.

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

440.9 Meters

680 Kcys.

KPO

Channel 68

5000 Watts

Hale Bros. & The Chronicle, San Francisco

7 to 8 a.m.—Health exercises by Hugh Barrett

Dobbs and William H. Hancock

8 to 9 a.m.—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.—Helpful Hints for Housewives

11:45 to 12:05 p.m.—Announcements, Scripture, weather and time

12:05 to 1 p.m.—Aeolian Trio

1 to 1:30 p.m.—Jerry Jermaine

1:30 to 2 p.m.—Ann Warner Home Chats

2 to 2:15 p.m.—Ye Towne Cryer, stock market quotations

2:15 to 4:30 p.m.—Football broadcast, Stanford vs. U. S. C. at Stanford Stadium

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

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

5 to 5:30 p.m.—The Lyric Challengers, NBC

5:30 to 6 p.m.—Children's Hour

6 to 7 p.m.—General Electric, NBC

7 to 8 p.m.—Lucky Strike Hour, NBC

8 to 8:30 p.m.—Temple of the Air, NBC

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

9 to 9:30 p.m.—Launderland Lyrics, NBC

9:30 to 10 p.m.—Tommy Monroe and Bob Allen

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

11 to 12 midnight—Musical Musketeers, NBC

265.3 Meters

1130 Kcys.

KSL

Channel 113

5000 Watts

Radio Service Corp., Salt Lake City, Utah

5 p.m.—Dramatization of some interesting episode in the lives of figures prominent in American history, NBC

5:30 p.m.—National Laundry Owners' program, NBC

6 p.m.—General Electric Hour, NBC

7 p.m.—Lucky Strike Dance Orch., NBC

8 p.m.—Amos 'n' Andy, NBC

8:15 p.m.—Harry Clarke, baritone, and group

8:45 p.m.—Alva Woodward, baritone, and assisting artists

9:15 p.m.—Mystic Hour, featuring the White Wizard

10 p.m.—Jack Stacey's dance orchestra

483.6 Meters

620 Kcys.

KGW

Channel 62

1000 Watts

The Morning Oregonian, Portland, Oregon

7:45 to 8 a.m.—Devotional services

8 to 9 a.m.—Shell Happy Time

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

9:20 to 10 a.m.—Town Crier

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

10:45 to 11:15 a.m.—Town Crier

11:15 to 12 noon—Records

12 to 12:15 p.m.—Plummer

1 to 1:15 p.m.—U. S. market report

1:15 to 2:15 p.m.—Organ recital

2:15 to 4 p.m.—Musical master works

4 to 5 p.m.—Studio program

5 to 5:30 p.m.—Lyric Challengers, NBC

5:30 to 6 p.m.—Studio

6 to 7 p.m.—General Motors, NBC

7 to 8 p.m.—Lucky Strike Hour, NBC

8 to 8:30 p.m.—Temple program, NBC

8:30 to 9 p.m.—Troy Laundry program

9 to 9:30 p.m.—Launderland Lyrics, NBC

9:30 to 10 p.m.—Studio

10 to 12 midnight—Hi-Jinks

SATURDAY Programs

491.5 Meters **KFRC** **Channel 61**
610 Kcys. **1000 Watts**
 Don Lee, Inc., San Francisco, California
 7 to 8:30 a.m.—Seal Rocks broadcast; N. Y. stocks
 8:30 to 9 a.m.—Saturday Syncopators
 10 to 11 a.m.—Alice Blue, pianist; Norman Neilson, tenor
 11 to 2 p.m.—Illinois-Michigan football game at Urbana, CBS
 2 to 5 p.m.—Univ. of Calif. vs. Olympic Club
 5 to 5:30 p.m.—Nit Wit Hour, CBS
 5:30 to 6 p.m.—Musical program
 6 to 6:30 p.m.—Clare Briggs, "Joe and Vi"
 6:30 to 7 p.m.—Musical program
 7 to 8 p.m.—Paramount Publix Hour, CBS
 8 to 9 p.m.—KHJ Night Court, DLBS
 9 to 10 p.m.—Don Lee Symphony Orchestra, DLBS
 10 to 10:10 p.m.—Baron Waste and Lucius
 10:10 to 11:10 p.m.—Anson Weeks' Hotel Mark Hopkins Orchestra
 11:10 to 12:10 a.m.—Earl Burnnett's Biltmore Orchestra
 12:10 to 1 a.m.—Dorado Club Silver Fizz dance music

236.1 Meters **KOL** **Channel 127**
1270 Kcys. **1000 Watts**
 Seattle Broadcasting Co., Seattle, Wash.
 6:45 a.m.—Radio Time Clock music
 7 a.m.—Eye Opener program
 8 a.m.—Program of general interest
 9:45 a.m.—Talk by Dr. H. Arthur
 10 a.m.—Children's Hour
 12 noon—Organ music
 12:30 p.m.—Matinee Melodies
 2 p.m.—Football game, Wash. vs. Oregon
 4:45 p.m.—News Items; weather reports
 5 p.m.—Dinner Hour concert
 6 p.m.—Studio program
 6:30 p.m.—George Maddox, tenor; Margaret Gray, piano
 9 p.m.—A Little Sunshine, Ken Stuart
 10 p.m.—Sessions Chimes
 10:15 p.m.—Tucker's Everstate Dance Band

285.5 Meters **KNX** **Channel 105**
1050 Kcys. **5000 Watts**
 L. A. Evening Express, Los Angeles, Calif.
 6:45 to 8 a.m.—Health exercises
 8 to 8:15 a.m.—Record program
 8:15 to 8:30 a.m.—Inspirational talk
 8:30 to 8:55 a.m.—Record program
 9:30 to 10 a.m.—Radio shopping news
 10 to 10:30 a.m.—Town Crier's message
 12 to 12:30 p.m.—Musical program
 1:30 to 2 p.m.—The Bookworm
 2 to 2:30 p.m.—Records and announcements
 3 to 3:30 p.m.—Radio Church of the Air
 4 p.m.—Announcements; stock market reports
 4:30 to 5 p.m.—C. P. R.'s musical program
 5 to 5:15 p.m.—Travelogue
 5:15 to 5:45 p.m.—"Own Your Own Home"
 5:45 to 6 p.m.—Town Crier's amusement tips
 6 to 7 p.m.—Paramount-Columbia broadcast
 7 to 7:30 p.m.—Courtesy program
 7:30 to 8 p.m.—KNX feature artists
 8 p.m.—Announcements of church services
 8:05 to 10 p.m.—KNX feature artists
 10 to 12 midnight—Cocoanut Grove Orchestra
 12 to 1 a.m.—Courtesy program

243.8 Meters **KYA** **Channel 123**
1230 Kcys. **1000 Watts**
 Pacific Broadcasting Corp., San Francisco
 9 to 9:30 a.m.—Morning request recorded program
 9:30 to 10 a.m.—Program for Fox and Warfield Theaters
 10 to 11 a.m.—Recorded program
 11 to 12 noon—California Sunshine Hour
 12 to 6 p.m.—Recordings
 6 to 6:30 p.m.—Sidley Co. program
 6:30 to 7 p.m.—Program for Fox and Warfield Theaters
 7 to 7:15 p.m.—George Taylor
 7:15 to 7:30 p.m.—Hazel Warner and Constance Piper
 7:50 to 7:40 p.m.—Cecil and Sally in the Funniest Things
 7:40 to 9 p.m.—Hazel Warner, Constance Piper, George Taylor, Greta Gahler, "The Boy and Girl Friend," George Nickson, in "Musical Parade"
 9 to 9:30 p.m.—Kanteen Kapers, with the Three Doctors of the Blues
 9:30 to 10 p.m.—Dance recordings
 10 to 11 p.m.—Byington Electric program
 11 to 12 midnight—W. L. Sapphire program of musical gems
 12 to 2 a.m.—Universal Safety Co. all request program

508.2 Meters **KHQ** **Channel 59**
590 Kcys. **1000 Watts**
 Louis Wasmer, Inc., Spokane, Washington
 7 to 7:30 a.m.—Sunrise Pep Period
 7:30 to 8 a.m.—Model Musical Klock
 8 to 9 a.m.—Shell Happy Time, NBC
 9 to 10 a.m.—Musical Bazaar
 10 to 10:45 a.m.—Nat'l Farm & Home Hour, NBC
 10:45 to 11 a.m.—Sunshine Liberty organ
 11 to 12 noon—Farmers' Service Hour
 12 to 12:15 p.m.—Nat'l Sav. luncheon program
 12:15 to 12:30 p.m.—Studio program
 12:30 to 1 p.m.—Voice of Spartan
 1 to 1:30 p.m.—Crosley Musical Review
 1:30 to 1:45 p.m.—Modern Shops a la Mode
 1:45 to 2 p.m.—Fur Facts
 2 to 3 p.m.—Washington Home Service
 3 to 3:30 p.m.—Theatrical review
 3:30 to 4 p.m.—"Paint o' Mine" period
 4 to 5 p.m.—Triodion String Ensemble
 5 to 5:30 p.m.—Lyric Challengers, NBC
 5:30 to 6 p.m.—Concert orchestra
 6 to 7 p.m.—General Electric, NBC
 7 to 8 p.m.—Lucky Strike Hour, NBC
 8 to 8:30 p.m.—Temple of the Air, NBC
 8:30 to 9 p.m.—Temple Tones
 9 to 9:30 p.m.—Lauderland Lyrics, NBC
 9:30 to 10 p.m.—Dutch Dough Boys
 10 to 11 p.m.—Tales Never Told, NBC
 11 to 12 midnight—Musical Musketeers, NBC

422.3 Meters **KFVD** **Channel 71**
710 Kcys. **250 Watts**
 Auburn Fuller, Culver City, Calif.
 7 to 9 a.m.—Happy-Go-Lucky Trio
 9 a.m.—Dan Maxwell, comedian
 12 noon—Tom Brenneman
 12:30 p.m.—Tom and Wash
 1 p.m.—G. Allison's home program
 2 p.m.—Madame Lauro's Spanish program
 2:30 p.m.—Hal Roach Comedy Gossip
 3 p.m.—Auburn Concert Orchestra
 4 p.m.—Eldorado program
 5 p.m.—Timely Topics
 9 p.m.—Happy-Go-Lucky Trio
 10 p.m.—Auburn Concert Orchestra
 11 to 1 a.m.—Sebastian's Cotton Club Orch.

SATURDAY Programs

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

General Electric Co., Oakland, California
10 to 10:45 a.m.—National Farm and Home Hour, New York
10:45 to 11:30 a.m.—The Three Boys
11:30 to 1 p.m.—Rembrandt Trio
5 to 5:30 p.m.—The Lyric Challengers
6 to 7 p.m.—General Electric Hour
7 to 8 p.m.—Lucky Strike Hour
8 to 8:30 p.m.—Temple of the Air
8:30 to 9 p.m.—Sierra Serenaders
9 to 9:30 p.m.—Launderland Lyrics
9:30 to 10 p.m.—Western Artist Series concert
10 to 11 p.m.—Tales Never Told
11 to 12 midnight—Musical Musketeers
12 to 1 a.m.—Wilt Gunzendorfer's Hotel Whitcomb Dance Band

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

Copyright, 1929, E. C. Anthony, Inc., L. A.
7:30 a.m.—Market quotations
8 a.m.—Shell Happy Time
10 a.m.—National Farm and Home Hour, NBC
11:45 a.m.—French lessons, Annette Doherty
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
2 p.m.—U. S. C. vs. Stanford football game at Palo Alto
3:30 p.m.—Glen Edmund and his Colegians
5 p.m.—The Lyric Challengers, NBC
5:45 p.m.—Stock market reports
6 p.m.—General Electric Hour, NBC
7 p.m.—Lucky Strike Hour, NBC
8 p.m.—Temple of the Air, NBC
9 p.m.—Launderland Lyrics, NBC
10 p.m.—Concert orchestra; Pryor Moore, dir.
11 p.m.—KFI News Bureau
11:15 p.m.—KFI Midnight Frolic

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

Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9 a.m.—Y. M. C. A. health exercises
9:15 a.m.—Organ recital
10 a.m.—National Farm and Home Hour, NBC
10:45 a.m.—Orchestra; Greenwood Mitchell and Rhena Marshall
11 a.m.—Artistic Ensemble
12:15 p.m.—"What to Prepare for Dinner"
12:30 p.m.—Mixed quartet
1 p.m.—Orchestra with Hayden Morris, Fred Lynch and Agnes Skartvedt
2 p.m.—Washington State College vs. Oregon State College football
4:45 p.m.—Stock and bond quotations
5 p.m.—Lyric Challengers, NBC
5:30 p.m.—Vocal ensemble
6 p.m.—General Electric Co., NBC
7 p.m.—Lucky Strike Dance Hour, NBC
8 p.m.—Temple of the Air, NBC
8:30 p.m.—So-A-Tone broadcast
8:45 p.m.—Artistic Ensemble
9 p.m.—Launderland Lyrics, NBC
9:30 p.m.—The Friars
9:45 p.m.—News flashes
10 p.m.—Orchestra; Hayden Morris, G. Donald Gray, VeOna Socolofsky
11 p.m.—Musical Musketeers, NBC
12 to 12:30 a.m.—Organ recital

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

Tribune Publishing Co., Oakland, Calif.
7 to 8 a.m.—Exercises; N. Y. stocks
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Health questions
10:15 to 10:30 a.m.—S. F. stocks; weather
10:30 to 11 a.m.—Rhinar jazz studio program
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Calif. vs. Olympic Club football game
4:30 to 5 p.m.—Charles T. Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer
8 to 9 p.m.—Helen Wegman Parmelee, pianist; Grace Burroughs, violinist, and Helga Brown, soprano
9 to 10 p.m.—Chuck Dutton's Hotel Oakland dance orchestra

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

Nichols & Warinner, Long Beach, Calif.
5 to 7 a.m.—Remote Control, KGFJ
7 to 7:30 a.m.—Hello Everybody
7:30 to 8:15 a.m.—Records; news items
8:15 to 9:20 a.m.—Hirshfield's High Steppers
9:20 to 9:30 a.m.—Organ recital
9:30 to 10 a.m.—Hawaiian program
10 to 11 a.m.—Organ recital
11 to 11:30 a.m.—Orchestra; beauty talk
11:30 to 11:50 a.m.—Early news report
11:50 to 12 noon—Studio orchestra
12 to 1 p.m.—Hollywood Girls, novelty trio
1 to 1:30 p.m.—Varsity Boys
1:30 to 2 p.m.—Originality Girls
2 to 2:30 p.m.—Records; health talk
2:30 to 3 p.m.—Long Beach Municipal Band
3 to 3:30 p.m.—Organ recital
3:30 to 4 p.m.—Long Beach Municipal Band
4 to 5 p.m.—Varsity Boys; news
5 to 5:30 p.m.—Organ recital
5:30 to 6 p.m.—Hollywood Girls
6 to 6:05 p.m.—Lost and Found Department
6:05 to 6:30 p.m.—Hollywood Girls
6:30 to 7 p.m.—Motor Tires Quartet
7 to 7:30 p.m.—Doris, Grace and Foster, popular songs
7:30 to 8 p.m.—Buster Wilson's orchestra
8 to 8:15 p.m.—Football talks, R. W. Shirey
8:15 to 9 p.m.—Long Beach Municipal Band
9 to 9:45 p.m.—Cinderella Roof Ballroom
9:45 to 10 p.m.—El Patio Ballroom Orchestra
10 to 10:30 p.m.—Doris and Clarence
10:30 to 11 p.m.—El Patio Ballroom Orchestra
11 to 11:30 p.m.—Majestic Ballroom Orchestra

218.8 Meters **KGER** **Channel 137**
1370 Kcys. **100 Watts**

C. M. Dobyys, Long Beach, Calif.
1:30 p.m.—Wurlitzer organ, Dixon
2:30 p.m.—Long Beach Municipal Band
4 p.m.—Edna Bond, popular singer
5 p.m.—Wurlitzer organ
6 p.m.—News and music
6:45 p.m.—Sportologue
7 p.m.—Triolian Trio
7:30 p.m.—Long Beach Municipal Band
9 p.m.—Wurlitzer organ, Nixon
10 p.m.—Irma Jasper, violinist
11 p.m.—Cocoanut Grove Orchestra

SATURDAY Programs

How to Reach the Broadcasters by Telephone

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

Don Lee, Inc., Los Angeles, California
 7 to 7:30 a.m.—Physical culture period
 7:30 to 7:40 a.m.—Stock Exchange reports
 7:40 to 8 a.m.—Don Lee, Inc., program
 8 to 9 a.m.—Early Birds
 9 to 9:30 a.m.—Breakfast Nook Philosophy
 9:30 to 10:15 a.m.—Julie Wintz Orch., CBS
 10:15 to 11 a.m.—Harold Stern and his orchestra, CBS
 11 to 11:15 a.m.—Louis F. Klein's harmonica program
 11:15 to 11:30 a.m.—Recordings
 11:30 to 12 noon—Leslie Brigham, Mona Content
 12 to 12:30 p.m.—Biltmore Hotel Orch.
 12:30 to 12:45 p.m.—World-wide News
 12:45 to 1:30 p.m.—Leigh Harline, organ recital
 1:30 to 2 p.m.—Charlie Wellman
 2 to 5 p.m.—U. C. L. A. vs. Pomona game from Los Angeles Coliseum
 5 to 5:30 p.m.—Nit Wit Hour, CBS
 5:30 to 6 p.m.—Organ recital, from KFRC
 6 to 6:30 p.m.—Graybar Elec. program, CBS
 6:30 to 6:45 p.m.—W. Tourtellotte, organ recital
 6:45 to 7 p.m.—World-wide News
 7 to 8 p.m.—Paramount program, CBS
 8 to 9 p.m.—Raymond Paige and his band
 9 to 10 p.m.—KHJ Night Court
 10 to 12 midnight—Earl Burnett's Dance Orch.
 2 to 1 a.m.—W. Tourtellotte, organist

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

J. Brunton & Sons, San Francisco, Calif.
 6:45 to 7:30 a.m.—Early Bird Hour
 7:30 to 8 a.m.—Edgar Russell, the Melody Man
 8 to 10 a.m.—Variety records
 10 to 11 a.m.—Dance records
 11 to 12 noon—Popular records
 12 to 12:05 p.m.—Stock report
 12:05 to 2 p.m.—Recorded program
 2 to 2:30 p.m.—Dell Raymond and Harry Miles
 2:30 to 3 p.m.—Popular records
 3 to 4 p.m.—Orchestra recordings
 4 to 4:30 p.m.—Bridge Time Half Hour
 4:30 to 5:15 p.m.—Variety records

499.7 Meters **KFSD** **Channel 60**
600 Kcys. **1000 Watts**

Airfan Radio Corp., San Diego, Calif.
 2:30 to 3:30 p.m.—Organ concert by Dr. H. J. Stewart
 5 to 6 p.m.—Nightly Musical Review
 6 to 6:15 p.m.—Late news items
 6:15 to 7 p.m.—Studio program
 7 to 8 p.m.—Concert trio with Kenneth Boulton
 8 to 8:30 p.m.—Studio program
 8:30 to 9 p.m.—Blanche Wood
 9 to 10 p.m.—Esther Rogers, violin; Marea Rude, piano; Rosie Roseman, tenor
 10 to 11 p.m.—Nashold's ballroom
 11 to 12 midnight—Hotel Del Coronado Orch.

267.7 Meters **KFSG** **Channel 112**
1120 Kcys. **500 Watts**

Angelus Temple, Los Angeles, California
 7 to 8 a.m.—Family Altar Hour
 10 to 11 a.m.—Sunshine Hour
 11 to 12 noon—Noonday Musicale
 8 to 9:30 p.m.—Divine Healing Service
 9:30 to 10:30 p.m.—Silver Band

Day and Night Phones

NBC.....	Sutter	1920
KELW.....	Burbank 1601-02; Gr	3192
KEX.....	Atwater	3111-3112
KFBK.....	Main	8700
KFBL.....	Main	526
KFCR.....	Day, 6230; Night	3118-6230
KFEC.....	Br.	4411
KFI.....	Day, Westmore 0331; Night,	0337
KFJI.....	Day, 450-525; Night	450
KFJR.....	Broadway	2468
KFOX.....		67281
KFPY.....	Main	1216-17-18-19
KFQU.....	Los Gatos	458J
KFQW.....	EL	6675
KFQZ.....	West, 3001-02-03-04	
KFRC.....	Prospect	0100
KFSD.....	Franklin	6353
KFSG.....	Fitz	5121
KFVD.....	Santa Monica	77115
KFWB.....	Glad. 9461-2; 2711	
KFWC.....	Pomona	1147
KFWL.....	Market	1140-1141
KFWM.....	Glencourt	6774
KGA.....	Main	3434
KGB.....	Franklin	6151-6153
KGDM.....		794-795
KGEF.....	Westmore	8887
KGEN.....		1100
KGER.....		632-75
KGFH.....	Douglas	3326
KGFJ.....	Westmore	7777-7778
KGO.....	Fruitvale	5980
KGW.....	Atwater	2121
KGY.....	Olympia	1174J
KHJ.....	Tr.	8411
KHQ.....	Main	5383
KJBS.....	Ordway	4148
KJR.....	Day, Main 2495; Night, Main	2475
KKP.....	Ell.	1881
KLS.....	Lakeside	6223
KLX.....	Day, Lakeside 6000; Night, Lakeside	6015
KMED.....	Day, 305; Night, 305J-2	
KMIC.....	Thorn. 1121; York 8545; Inglewood	1897
KMJ.....	Day, Fresno 3-5221; Night, 2-8817	
KMO.....	Ma.	4144
KMTR.....	Ho.	3026
KNX.....	Hemp.	4101
KOAC.....		620
KOIN.....	Day, At. 4151; Night,	5262
KOL.....	Elliott	4466
KOMO.....	Elliott	5390
KPCB.....	Ma.	7897
KPLA.....	Trinity	3202
KPO.....	Kearny	0704
KPPC.....	Terrace	1163
KPQ.....	Day, El. 1433; Night, Sa.	7809
KPSN.....	Wakefield	3111
KQW.....	Col.	777
KRSC.....	Main	5494
KTAB.....	Garfield	4700
KTBI.....	Metropolitan	6701
KTBR.....	Beacon 7000; Lancaster	1700
KTM.....	Dunkirk	5154-5194
KUJ.....		352-J
KVI.....	Day, Main 1530; Night,	3960
KVL.....	Ell.	1881
KVOS.....	Day, 1627; Night, 1866-1627	
KWG.....		580; 581
KWTC.....		1896
KXA.....	Elliott	1634
KXL.....	Beacon 0456; Broadway	8484
KYRO.....	Aberdeen	4098-4099
KYA.....	Prospect	3456

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