

Broadcast Weekly

FOR
WEEK OF
MAY 18
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BROADCAST WEEKLY

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Los Angeles

No. 34

The Editor's Page

STUDENTS, old and young, are being "educated" to a "finish" before they learn what it means to do solo thinking. Everything is refereed for them so that all they have to do—all they can do in fact, if they are to "make grade"—is to read, memorize and pigeon-hole.

How is thinking to be made popular in education when education, like a sleeping Beauty, has lain in her trance so long? It is certain that her academic plaster casts will have to be cracked before she can begin to stretch and wake up. Radio is the most strategic and opportune opening for such rare educators as have escaped the fine tooling of college paralysis, with their vision intact.

Who is going to start it? Who will the alert ones be? Who is going to have something to say to this vast listening audience and the wisdom and courage to say it? It is being done in print and in some instances, gloriously. As witness an article in *March Review of Reviews* by Edward Wilbery Berry. Here is an intellect with a circulation, a vision that has fought clear of driftwood and flotsam and looks down, now, from the hilltop. He was last September made dean of Johns Hopkins University.

From that high and august eminence, this teacher who is concerned only with the teaching that has no traffic with degrees, brings down his courageous mallet upon the plaster cast that is strangling college education. Calling the existing college curricula "flubdub and flapdoodle!", he exposes the criminal waste of precious time through "antiquated methods and worthless courses."

More power to his voice and mallet! He is a man who will not be content to alone pull the temple down, but whose vision and experience are equipped and ready to rebuild it. And here, through radio, is the medium and opportunity for coöperation by voice direct from such far-seeing men and women in education as have managed to escape intellectual arthritis.

* * *

THE House of Representatives has set about tying the hands of courts in the District of Columbia so that no appeal can be had from decisions of the Federal Radio Commission, save on matters of law. In other words, in a bill approved by the House and now before the Senate, the courts are shorn of any power to review facts, but can only consider technical law points. This action followed the WGY case where the court of appeal was careless enough to base its findings on facts instead of law. Judges really ought to be more careful.

* * *

DESPITE legislation against it, the automobile radio set continues to grow in popularity. There is no law which will keep radio out of an automobile very long. As a traffic hazard its dangers are more imaginary than actual. Many people like to take their music with them and the motor-radio set provides the opportunity. There is a fascination about rolling along a good highway with good music from a distant station in the air about one and it is certainly an improvement over summer resort pianos, moaning accordions and the querulous tenor of the evening mosquito.

The RADIO TATTLE



By EARLE ENNIS

THE man that turned the Theremin loose on the world will some day be hanged to a telegraph pole by a mob of apartment house dwellers. We heard one demonstrated the other day by a butcher with a red face, a sappy look and a hand the size of one of Swift's best, sugar-cured. He played "The World Is Waiting for the Sunrise!" Or tried to. Ye gods!

* * *

Most musical instruments have keys or marks of some kind by which the geek who never played one, can hunt out the notes and come somewhere near hitting them. The theremin has nothing of the kind. Furthermore, it is, by nature, chromatic, *i. e.*, if you can't exactly hit the note, you can slide up on it with a sort of "zoop-step," pancake your controls and make a landing. The effect is that of a battalion chief, on his way to a fire.

* * *

There are two major controls on a theremin—a rod of misery and a loop of suffering. Connected to these two are eight tubes, and a powerful speaker. The thing uses the principle of a howling radio set, the rod, when a hand is approached, controlling the pitch, and the loop the volume. Not a mark or a scale on it to guide the ignorant so that at the first clawing motion, the operator is liable to evoke weird and peculiar groans unless he knows just about where, in the stomach, to punch it.

* * *

In the hands of a competent musician the theremin is capable of beautiful effects. In the hands of one of these self-satisfied boys, with a bull-neck and high blood-pressure, the theremin is a fiendish device for shattering the quiet of parks, amusement halls, apartments, boarding houses and other places where near-harmony flourishes. It beats a harmonica, an accordion, a tinny phonograph record, and three yelling cats on Sunday morning by a wide margin.

* * *

Musicians go in to see the theremin demonstrated, listen and go away. They are, for the most part, unwilling to try their hand at it, for a musician hates malharmonies and he knows that nothing will produce more dissonance than a theremin unless it is handled properly. A fiddler, a pianist, a cellist—all admit it is a great

instrument, but they refuse to tamper with it until they learn how to do it without wrecking the peace of the neighborhood. But the dumbbells who can't play anything—these are the saps that rush in and start teasing the theremin.

* * *

The company that makes them is going to sell them broadcast to anybody with the price. A man who has wanted to play a saxophone but couldn't wear his hair plastered, or wiggle his Adam's apple, will buy one and spend his Sunday mornings practicing. The romantic guy, who would tickle a guitar—if he dared—will buy a theremin, and—leave his window open. And late at nights, when good fellows get together, and the bootleg is flowing free, they will drag out the theremin and try close harmony, to an accompaniment of theraminic moans, while the rest of the world waits for the sunrise.

* * *

"Anybody with no musical training can play one." Yes, they can. That is the damnable part of it. They can walk up to it and start waving their hands. When they get close enough the theremin will start growling, like a caged lion. When they come closer the theremin raises its voice to a wail—some say, of protest. If they get too close, the theremin will shriek at them, like a parrot. The trick is to stand just far enough away to annoy the theremin—to make it raise and lower its voice when people wave their hands in its face. We watched that big beefy butcher teasing the theremin and we know just how the instrument felt. We would have moaned and bellowed at him the same way if he had waved one of those hands in our face.

* * *

Did you ever listen to a beginner on a saxophone "feeling" for a note—fumbling around, passing it, coming back, sneaking up on it, and finally when he hit it, sliding off and down the scale? Now, can you imagine a bozo with no music in his soul, sitting down on a quiet evening, and slithering up and down a chromatic scale, with eight tubes and a dynamic speaker behind his missed shots? Well, say. . . . !

* * *

The theremin is Russia's revenge on us for not recognizing the Soviet government, and she certainly has squared the account.

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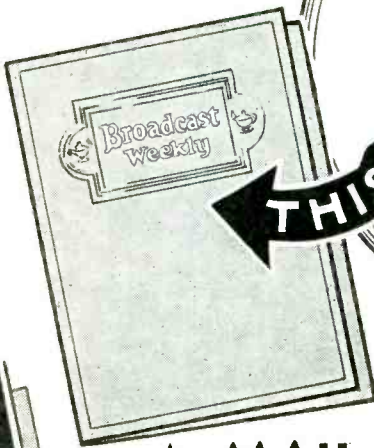


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SUNDAY Programs

May 18, 1930



Jean Wakefield
KFRC—1 p.m.

★ BEST BETS TODAY ★		
TIME	STATION	PROGRAM



Floyd Wright
KPO—9:30 a.m.

379.5 Meters
790 Kcys.

KGO

Sutter 1920
10,000 Watts

General Electric Co., Oakland, Calif.
9 to 11 a.m.—Bible stories; Arion Trio
11 to 12 noon—Grace Cathedral service
12 to 1 p.m.—Dr. S. Parkes Cadman
1 to 3 p.m.—Sunday concert; Catholic hour
3 to 4 p.m.—Piano Capers; Voice of Pan
4 to 5:15 p.m.—Musical Musketeers; news
5:15 to 5:45 p.m.—Candle-Light Silhouettes
5:45 to 6:15 p.m.—The Olympians
6:15 to 6:45 p.m.—Studebaker Champions
6:45 to 7:15 p.m.—Sunday at Seth Parker's
7:15 to 8 p.m.—Hotel St. Francis Salon Orchestra
8 to 8:30 p.m.—World Wanderings
8:30 to 9 p.m.—Western Artists Series
9 to 10 p.m.—Borden program; Reader's Guide
10 to 11 p.m.—Concert Jewels
11 to 12 midnight—Musical Musketeers

315.6 Meters
950 Kcys.

KFWB

Hollywood 0315
1000 Watts

Warner Brothers, Hollywood, California
8:30 to 9 a.m.—The Funny Paper Man
9 to 11 a.m.—Courtesy program; late recordings
11 to 1:30 p.m.—Musical programs
1:30 p.m.—Doubleheader baseball game; program
6:30 to 7 p.m.—Harry Jackson's Entertainers
7 to 7:30 p.m.—Dale Imes' Revelers; Buster Dees, tenor
7:30 to 8 p.m.—Burr McIntosh, Cheerful Philosopher
8 to 9 p.m.—Leo Forbstein's Orchestra; First National stars and players in person
9 to 10 p.m.—Cugat's Gigolos; Luis Alvarez, Spanish tenor

361.2 Meters
830 Kcys.

KOA

York 5090
12,500 Watts

General Electric Co., Denver, Colorado
10 to 11:15 a.m.—Services of Central Presbyterian Church, Denver
11:15 to 12 noon—Henry Halstead and his orchestra
12 to 1 p.m.—Dr. S. Parkes Cadman
1 to 2 p.m.—National Religious Service
2 to 3 p.m.—Catholic Religious Hour
3 to 3:30 p.m.—Los Argentinos, NBC (N. Y.)
3:30 to 4 p.m.—Williams Oilomatics
4 to 4:15 p.m.—Enna Jettick Melodies
4:15 to 5:15 p.m.—Collier's Radio Hour
5:15 to 5:45 p.m.—Atwater-Kent Hour
5:45 to 6:15 p.m.—Studio programs
6:15 to 6:45 p.m.—Studebaker Champions
6:45 to 7:15 p.m.—Sunday at Seth Parker's
7:15 to 7:45 p.m.—Russian Cathedral Choir
7:45 to 8 p.m.—Sam Herman
8:15 to 8:45 p.m.—The Solitaire Cowboys
8:45 to 9 p.m.—Everett E. Foster, baritone
9 to 9:30 p.m.—Borden program
9:30 to 10 p.m.—The Reader's Guide
10 to 11 p.m.—Concert Jewels

440.9 Meters
680 Kcys.

KPO

Kearny 0704
5000 Watts

Hale Bros. & The Chronicle, San Francisco
9 to 9:30 a.m.—Chronicle Comics of the Air
9:30 to 10:30 a.m.—Floyd Wright, organ recital
10:30 to 11:30 a.m.—Interdenominational and nonsectarian church services; Dr. Norman W. Pendleton, pastor Grace Trinity Center United Church
12 to 12:30 p.m.—Dr. S. Parkes Cadman's Hour, NBC
12:30 to 1:30 p.m.—Temple of the Golden Hour
1:30 to 2 p.m.—Sunday concert, NBC
2 to 4 p.m.—Catholic services, NBC; music
4 to 4:15 p.m.—Enna Jettick, NBC
4:15 to 5:15 p.m.—Collier Hour, NBC
5:15 to 5:45 p.m.—Atwater-Kent program, NBC
5:45 to 6:15 p.m.—Allan Wilson, tenor
6:15 to 6:30 p.m.—Talk, "Science and Invention," by Elmer Robinson
6:30 to 7:30 p.m.—The Troubadours of Stockton High School
7:30 to 8:30 p.m.—Palace Hotel Concert Orchestra
8:30 to 9 p.m.—Rudy Seiger and his Fairmont Hotel Concert Orchestra
9 to 10 p.m.—Abas String Quartette, with Aubrey Farncroft, soprano
10 to 10:30 p.m.—News digest, "Scotty" Mortland
10:30 to 11:30 p.m.—Joe Wright's Silver Slipper Dance Orchestra

296.6 Meters
1010 Kcys.

KQW

Columbia 777
500 Watts

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

265.3 Meters
1130 Kcys.

KSL

Wasatch 3901
5000 Watts

Radio Service Corp., Salt Lake City, Utah
7 a.m.—Informal program; "Sunny Side Up"
9:30 a.m.—National Light Opera Company, NBC
10 a.m.—Metropolitan Echoes, NBC
10:30 p.m.—NBC concert
11 a.m.—Youth Conference, NBC
1 p.m.—L. D. S. services from the Tabernacle
2:30 p.m.—Vocal and instrumental ensemble
3 p.m.—Studio program
3:30 p.m.—William's Oilomatics, NBC
4 p.m.—"Enna Jettick Melodies," NBC
4:15 p.m.—Collier's Hour, NBC
5:15 p.m.—Atwater-Kent Hour, NBC
7 p.m.—First Presbyterian Church services
7:30 p.m.—Mons. Hunt, Roman Catholic discourse
8 p.m.—L. D. S. Church services from the studio
8:45 p.m.—"Television" concert, Criterion Quartet
9 p.m.—Borden's Concert Hour, NBC
9:30 p.m.—Utah Hour
10:30 p.m.—"Vagabond of the Air"

MICROPHONE GOSSIP



Sydney Dixon, golden-voiced tenor of KJR and the Northwest Broadcasting System, recently went on a concert tour of radio stations in Oregon and California. In San Francisco Dixon sang over KYA. In Los Angeles he hoped to repeat his success of two years ago when letters from 3500 listeners were received following three appearances over KFI.

* * *

Harold Peary and Bobbe Deane are vying for honors among those envied versatile ones at the NBC San Francisco studios. Bobbe's interpretations range from a new-born babe to a grandmother—not omitting small boys. Harold does black-face, female impersonations and male characterizations “regardless of age.”

* * *

KJBS is the official broadcasting station for the San Francisco Police Department, and in a recent demonstration of the efficiency of radio for police cars, a group of Supervisors and other city officials were gathered at a central point in the Mission District. A hurry call was put in to KJBS, ordering cars number two and three to report at that certain corner. Number two had been at the county line when the call came in and arrived exactly four minutes after the call was sent out. Number three was cruising a beat on the embarcadero and had to cross Market Street and the heart of the city, yet withall, it was only six minutes in arriving. It is such demonstrations that prove beyond a doubt the efficiency of radio-equipped police cars.

* * *

Mr. and Mrs. Freeman F. Gosden are the parents of a five-pound baby girl born Thursday, April 24, in Henrotten Hospital, Chicago. The name has yet to be selected. Mother and child both doing well. Gosden is Amos of “Amos 'n' Andy,” the National Broadcasting Company stars.

* * *

Floyd Wright, popular organist, for many months a favorite artist of KPO, has returned to the “console” of his former triumphs and will be featured every Sunday morning from KPO. Wright, one of the most competent of Western organists, is also well known to theater patrons of the bay cities, he having been featured at the Granada, Warfield, California and Grand Lake Theaters.

Helen O'Neill, program director of KTAB, has a new protege. She enjoys “discovering” voices, and her latest find is Sunny Page. Miss O'Neill is coaching her in those happy songs Sunny sings, and helping her to sing a song for all it's worth. Sunny does it, too—hear her on the KTAB Pepper Box program.

* * *

KFRC has quite a group of composers on its staff. Meredith Willson, concert director, has about thirty published compositions, besides the ones he writes for the station's special programs. Mahlon Merrick, director of the Modern Melodists, is one of the writers of Blue Lover; Jean Wakefield's latest song is “Lucky Girl,” while Edna Fischer has followed her “Some Day Soon” with another song hit, “Sorry.”

* * *

The arrangement of his songs was made in all innocence, and Ralph Freese, popular tenor at KOA in Denver, didn't know the confession he was making in a recent fifteen-minute recital. But a jocular listener clipped his program from a Denver paper and pasted the song titles in a straight line. Here was the result: “Supposin' I'm Just a Vagabond Lover, How Am I to Know My Sin, It Happened in Monterey.”

* * *

Twenty years ago, in a little playhouse at Oakland, Calif., George Rand, NBC National Players at San Francisco, won his first chance on the stage with George P. Webster as his sponsor.

Recently Rand gave Webster his first break before the microphone, play—father to the “Dad” who once had fathered him.

Webster, dean of western actors, was discovered living in retirement at Alameda, Calif. A telephone call from Rand brought him to NBC's studios and he was signed immediately for Sunday Bible chapter dramatizations. He also will be heard in other performances.

* * *

A group of the KFRC Golden State Jamboreadors, led by Harrison Holliday, report one of the times of their lives at the Twenty-second Annual Raisin Day Festival at Fresno, April 26 and 27. This is said to be the first time that radio artists have represented a program on their station by riding on a float in a parade.

SUNDAY Programs

San Francisco

NBC

Sutter 1920

National Broadcasting Company

- 11 to 12 noon—National Youth Conference, KGW
Dr. Daniel A. Poling is the day's speaker, with his topic "Conservation of Desire." An orchestral setting will be provided, with the opening and closing numbers "Fling Out the Banner" and "From Greenland's Icy Mountains." George Shackley will direct.
- 12 to 1 p.m.—Dr. S. Parkes Cadman, KGO; KOMO, 12:15 to 1 p.m.; KPO, 12 to 12:30 p.m.
"Uses of Reflection" is the topic of Dr. S. Parkes Cadman's address which will be heard today. George Dilworth, in the conductor's stand, will offer as the opening selection of the program "God of Earth, the Sky, the Sea," by Longfellow, and among other numbers will be "He Leadeth Me," a chorus offering written by Gilmore.
- 1 to 2 p.m.—Sunday Concert, KGO, KOMO; KPO, 1:30 to 2 p.m.
Led by Charles Hart and assisted by a vocal soloist of prominence, the National Concert Orchestra will be heard. Opening with the ever-popular overture to "William Tell," the program will also include the Prelude to "Tristan and Isolde," into which Wagner has woven the themes of the great love story of his opera.
- 2 to 3 p.m.—Catholic Hour, KGO, KOMO, KPO, KECA
A guest speaker and the Paulist Choristers will participate in the Catholic Hour presentation to be broadcast. Father Finn will direct the singers in sacred numbers during the program.
- 4 to 4:15 p.m.—Enna Jettick Melodies, KHQ, KOMO, KGW, KPO, KFI
Songs intimately associated with the America of half a century ago and which are sung frequently today when a group gathers around the microphone will be offered by a mixed quartet during the Enna Jettick Melodies program.
- 4 to 5 p.m.—Musical Musketeers, KGO, KECA
4:15 to 5:15 p.m.—Collier's Radio Hour, KHQ, KOMO, KGW, KPO, KFI
With guest speakers interspersing the musical numbers and the dramatized stories, another Collier's Radio Hour will be released.
- 5:15 to 5:45 p.m.—Atwater-Kent Hour, KHQ, KOMO, KGW, KPO, KFI
Inaugurating a series of summer programs, the Atwater-Kent Hour will present James Melton, tenor, as soloist. Josef Pasternack will occupy his customary position as conductor of the Atwater-Kent Orchestra. Melton is one of the best known vocalists on the NBC staff. He is a member of the noted male quartet, the Revelers, with which group he has been heard in concert in many parts of the United States and in Europe. He is a familiar microphone personality and his solos have been features of many programs.
- 6:15 to 6:45 p.m.—Studebaker Champions, KGO, KHQ, KOMO, KGW, KFI
Selections from Broadway musical comedy shows and motion picture hits form the major part of the program to be played by Jean Goldkette's Studebaker Champions. The Chicago studios of the NBC System is the point of origination for the broadcast.
- 6:45 to 7:15 p.m.—Sunday at Seth Parker's, KGO, KOMO, KGW
A story-sermon by Seth will be the high light of the semi-religious program. The Parker home at Jonesport, Me., will be the scene of the weekly Sabbath "gathering."
- 7:15 to 8 p.m.—Hotel St. Francis Salon Orchestra, KGO; KGW, 7:15 to 7:30 p.m.
- 9 to 9:30 p.m.—Borden Program, KGO, KHQ, KOMO, KGW, KFI, KSL, KOA
Barbara Blanchard, soprano; a male quartet, and Joseph Hornik's Blue and White Band are in the line-up of talent on the Borden program. A combination of popular and ballad numbers is promised during this half-hour.
- 9:30 to 10 p.m.—The Reader's Guide, KGO, KHQ, KOMO, KOA
A chatty talk about books and magazine articles of special import is promised by Joseph Henry Jackson in the Reader's Guide period.

10 to 11 p.m.—Concert Jewels, KGO, KOMO, KECA, KOA

The crooning longings of a banjo player are expressed in the weirdly charming melody and effective accompaniment of Sydney Homer's "Banjo Song," one of three solos to be sung by Harold Dana during the Concert Jewels broadcast. Berlioz, Brahms, Johnson, Bonincontro and Herbert are the composers whose works will be played by an orchestra under the direction of Max Dolin.

243.8 Meters
1230 Kcys.

KYA

Prospect 3456
1000 Watts

Pacific Broadcasting Corp., San Francisco

- 9 to 10 a.m.—Recorded program
- 10 to 10:45 a.m.—George Taylor and Clem Kennedy
- 10:45 to 12 noon—Old St. Mary's Church services
- 12 to 1 p.m.—Program of Musical Vagabondages
- 1 to 4:30 p.m.—Popular and operatic records
- 4:30 to 7 p.m.—Sunset Hour; records
- 7 to 8 p.m.—Pacific Artists Trio; Nona Campbell, soloist
- 8 to 9 p.m.—Old St. Mary's Church services
- 9 to 10 p.m.—Calendar of the Air, with Pacific Artists Trio and stories of Nicholas II, Christopher North, Johann Pitche and U. S.-Mexico Treaty
- 10 to 1 a.m.—Dance recordings

483.6 Meters
620 Kcys.

KGW

Atwater 2121
1000 Watts

The Morning Oregonian, Portland, Oregon

- 8:30 a.m.—Organ recital; American Legion program
- 10 a.m.—International Bible Students; church services
- 11 a.m.—National Youth Conference, NBC
- 12 noon—Dr. Cadman's hour, NBC
- 1 p.m.—Sunday concert, NBC; Book Chat
- 2 p.m.—Catholic Hour; organ recital
- 3 to 7:30 p.m.—National Broadcasting Co. programs
- 7:45 p.m.—Baker's Enna Jetticks
- 8 p.m.—Cecl and Sally
- 8:15 p.m.—Baby's Boudoir program
- 8:30 p.m.—Edwards Home Furnisher
- 9 p.m.—Borden Milk program, NBC
- 9:30 p.m.—First National Bank orchestra
- 10 to 11 p.m.—Little Symphony Hour
- 11 to 12 midnight—Organ recital

508.2 Meters
590 Kcys.

KHQ

Main 5383
1000 Watts

Louis Wasmer, Inc., Spokane, Washington

- 9 a.m.—"Variety Hour"
- 10 a.m.—I. B. S. A.—KHQ, KOMO, KGW
- 11 a.m.—Central Methodist Episcopal Church
- 12 noon—Dr. S. Parkes Cadman, NBC
- 1 p.m.—Studio program
- 3 p.m.—KHQ concert program
- 4 p.m.—Enna Jettick Melodies, NBC
- 4:15 p.m.—Collier Hour, NBC
- 5:15 p.m.—Atwater-Kent, NBC
- 6:15 p.m.—Studebaker Champions, NBC
- 6:45 p.m.—Sunday at Seth Parker's
- 7:15 p.m.—Proarte Salon Quartette
- 8 p.m.—New Episcopal Cathedral
- 9 p.m.—Borden Milk, NBC
- 9:30 p.m.—The Reader's Guide, NBC
- 10 p.m.—Musical program

254.1 Meters
1180 Kcys.

KEX

Atwater 3111
5000 Watts

Western Broadcasting Co., Portland, Ore.

- 12 noon—Organ recital; popular concert
- 5:30 p.m.—Bits of Harmony, NBS
- 6 p.m.—Broadway Quintet; Betty Andersen, soprano; Sydney Dixon, tenor; Jean Kantner, baritone; Northwest Male Quartet, NBS
- 7 p.m.—Hometowners Orchestra; Glen Eaton, tenor; Ragnar Sallidin, accordion; Captivators Male Quartet
- 8 p.m.—Imperial Grand Orchestra; Betty Andersen, soprano; Harold Strong, piano; Jean Kantner, baritone; NBS
- 9 p.m.—Los Gauchos Argentine; Ed Sheldon, mandolin; Elmore Vincent, tenor; NBS
- 10 p.m.—Angelus Ensemble; Sydney Dixon, tenor; Hubert Graf, harp; Temple Anderson, contralto; Mabel Mohrman, piano; NBS
- 11 p.m.—Harmony Aces; Eulala Dean, blues singer; Ukelele Bob; NBS
- 12 midnight—Time; Oregon Journal News

SUNDAY Programs

491.5 Meters **KFRC** Prospect 0100
610 Kcys. **1000 Watts**

Don Lee, Inc., San Francisco, Calif.

- 9 to 12 noon—"Home Sweet Home" concert presented by the Pacific States Savings and Loan Company
12 to 1 p.m.—Sherman & Clay noonday concert
1 to 2 p.m.—Jean Wakefield, "Jean and Her Shadows"
2 to 2:30 p.m.—"The Blenders," male quartet with Gilbert Hyde Chick, Fred Brown, John Moss and Everett Williams, DLBS
2:30 to 3 p.m.—The Gauchos, CBS
3 to 3:45 p.m.—Classical concert featuring Frank Moss, pianist, and Herman Reinberg, cellist, DLBS
3:45 to 4 p.m.—"The World's Business," CBS
4 to 4:30 p.m.—Lucille Atherton Harger, contralto; Marjorie Coletti with violin and harp, and piano, DLBS
4:30 to 5 p.m.—Inspirational talk, Dr. Newman
5 to 6 p.m.—Majestic Theatre of the Air, CBS
6 to 6:30 p.m.—Squibbs program, featuring Will Rogers, CBS
6:30 to 7 p.m.—Orchestra and soloists, DLBS
7 to 8 p.m.—Back Home Hour from Buffalo, CBS
8 to 9 p.m.—Cadillac-La Salle concert featuring Charles Bulotti, tenor; Juanita Tennyson, soprano, and KFRC Concert Orchestra under direction of Meredith Willson, DLBS
9 to 9:30 p.m.—Robert Olsen, tenor, and Modern Melodists under direction of Mahlon Merrick, DLBS
9:30 to 11 p.m.—Val Valente and his Roof Garden Orchestra, DLBS
11 to 12 midnight—Organ recital, DLBS

340.7 Meters **KLX** Lake 6000-6015
880 Kcys. **500 Watts**

Tribune Publishing Co., Oakland, Calif.

- 5 to 6 p.m.—Chas. Besserer, organist

468.5 Meters **KFI** Westmore 0337
640 Kcys. **5000 Watts**

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

- 10 a.m.—Los Angeles Church Federation
12:30 p.m.—Temple of the Golden Hour
1:30 p.m.—Sylvia's Happy Hour
3 p.m.—"Science of Life," Genevieve Behrend
3:30 p.m.—"Advanced Thought," Leila Castberg
4 p.m.—Enna Jettick Melodies, NBC
4:15 p.m.—Collier's Radio Hour, NBC
5:15 p.m.—Atwater-Kent Hour, NBC
6:15 p.m.—Studebaker Champions, NBC
6:45 p.m.—Grace Hamilton and Jack Stern, duets
7:15 p.m.—Two Shades of Blue, Mart and Lill
7:45 p.m.—Modeste Altschuler Symphony
8:45 p.m.—Earl Kass, baritone
9 p.m.—Borden milk, NBC
9:30 p.m.—Violin recital by Purcell Mayer
10 p.m.—KFI Symphony; Three Sisters

325.9 Meters **KOMO** Elliot 5890
920 Kcys. **1000 Watts**

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

- 9 a.m.—Organ recital
10 a.m.—International Bible Students' Association
11 a.m.—Vocal recital
11:15 a.m.—Plymouth Congregational Church service
12:15 p.m.—Dr. Cadman Cathedral Hour, NBC
1 p.m.—Sunday afternoon concert, NBC
2 p.m.—Catholic Hour, NBC
3 p.m.—Artistic Ensemble
3:30 p.m.—Orchestra and vocalists
4 p.m.—Enna Jettick Melodies, NBC
4:15 p.m.—Collier's Hour, NBC
5:15 p.m.—Atwater-Kent program, NBC
6:15 p.m.—Studebaker Champions, NBC
6:45 p.m.—Sunday at Seth Parker's, NBC
7:15 p.m.—Garden Patch children's program
7:45 p.m.—Vocal ensemble
8 p.m.—First Church of Christ, Scientist
9 p.m.—Borden Milk program, NBC
9:30 p.m.—Readers' Guide, NBC
10 p.m.—Concert Jewels, NBC

535.4 Meters **KTAB** Garfield 4700
560 Kcys. **1000 Watts**

Pickwick Broadcasting Co., Oakland, Calif.

- 9 to 11 a.m.—Dr. B. L. Corley; Bible Class
11 to 1 p.m.—Church services; Chapel of Chimes
1 to 1:30 p.m.—Church of Latter Day Saints
1:30 to 3 p.m.—Masters Album; novelty records
3 to 5 p.m.—Studio program; musical appreciation hour
5 to 6:30 p.m.—Chapel of Chimes; recordings
6:30 to 7 p.m.—Lecture for Seven Day Adventists
7 to 7:30 p.m.—Joan Ray, contralto; Jane Sargent Sand, pianist
7:30 to 9:30 p.m.—Organ program; church services
9:30 to 10 p.m.—Elbert Bellows, tenor; Jane S. Sands, accompanist
10 to 10:30 p.m.—Studio program
10:30 to 11:30 p.m.—Sweet's Ballroom Orchestra

239.9 Meters **KFOX** Phone: 672-81
1250 Kcys. **1000 Watts**

Nichols & Warinner, Long Beach, Calif.

- 5 to 8 a.m.—The Early Bird; music
8 to 9 a.m.—Family Circle; Clover Leaf program
9 to 11 a.m.—Old time music; organ recital
11 to 12:30 p.m.—St. Luke's Episcopal Church
12:30 to 2 p.m.—Musical program; Hollywood Girls
2 to 3 p.m.—Seth Parker; Kaai Hawaiians
3 to 4:30 p.m.—Planistic Pansy; organ recital
4:30 to 5:30 p.m.—Everett Hoagland Troubadours
5:30 to 6:30 p.m.—Hollywood Girls; "Em & Clem
6:30 to 6:45 p.m.—Zadah Stoker and Her Kiddies
6:45 to 7:30 p.m.—Foster and Doris; Harmony Boys
7:30 to 8 p.m.—Hollywood Girls
8 to 9 p.m.—First Church of Christ Scientist
9 to 1 a.m.—Purity Bread Capers; records
1 to 3 a.m.—The Knight Fox

309.1 Meters **KJR** Main 2495-2475
970 Kcys. **5000 Watts**

Northwest Broadcasting System, Seattle, Wash.

- 8 a.m.—Musical program; classical program
2 p.m.—Emanuel Tabernacle
3 p.m.—Chet Cathers and Marjorie Robillard
4:30 p.m.—Lyric Trio; Jan Naylor, cello; Sam Meyer, violin; Stephanie Lewis, contralto; Eugene Castellarin, tenor
5:30 p.m.—Bits of Harmony
6 p.m.—Broadway Quintet; Betty Andersen, soprano; Sydney Dixon, tenor; Jean Kantner, baritone; Northwest Male Quartet
7 p.m.—Orchestra; Glen Eaton, tenor; Ragnar Salldin, accordion; Captivators Male Quartet
8 p.m.—Damski's Imperial Grand Orchestra; Betty Andersen, soprano; Jean Kantner, baritone; Harold Strong, piano
9 p.m.—Los Gauchos Argentine; Ed Shelden, mandolin; Elmore Vincent, tenor
10 p.m.—Angelus Ensemble; Sydney Dixon, tenor; Hubert Graf, harp; Temple Anderson, contralto; Mabel Mohrman, piano
11 p.m.—Harmony Aces; Eulala Dean, blues singer; Ukelele Bob

333.1 Meters **KHJ** Vandike 7111
900 Kcys. **1000 Watts**

Don Lee, Inc., Los Angeles, California

- 8 to 9 a.m.—Terpezone Quintet
9 to 11 a.m.—Pac. States Savt. & Loan concert, KFRC
11 to 12:30 p.m.—First M. E. Church of Los Angeles
12:30 to 1 p.m.—Cathedral Half Hour, CBS
1 to 1:30 p.m.—Toscha Seidel, violinist, CBS
1:30 to 2 p.m.—Prof. Lindsley
2 to 2:30 p.m.—The Blenders, KFRC
2:30 to 3 p.m.—The Gauchos, CBS
3 to 3:30 p.m.—Globe Trotters, CBS
3:30 to 4 p.m.—Colonial Dames; Julius Klein
4 to 4:30 p.m.—Tea Time Three, KFRC
4:30 to 5 p.m.—Rabbi Edgar Magnin
5 to 6 p.m.—Majestic Theatre of the Air, CBS
6 to 6:30 p.m.—Squibb, featuring Will Rogers, CBS
6:30 to 7 p.m.—Orchestra and soloists
7 to 8 p.m.—CBS program
8 to 9 p.m.—Cadillac-La Salle Orchestra, KFRC
9 to 9:30 p.m.—Melody Hour, featuring Robt. Olson
9:30 to 10 p.m.—Val Valente's Roof Garden Orchestra
10 to 10:10 p.m.—World-wide news
10:10 to 11 p.m.—Val Valente's Orchestra, KFRC
11 to 12 midnight—Wesley Tourtellotte, organist

SUNDAY Programs

322.4 Meters **KROW** **Glencourt 6774**
930 Kcys. **1000 Watts**

Educational Broadcasting Corp., Oakland, Calif.
8 a.m.—"Surphonoprise" program
9 a.m.—Osborne Pearson, tenor; Mary Baker Bibby, organist
10 a.m.—Children's radio story; Bible lecture; musical selections
11 a.m.—Variety program
12 noon—The Aeolian Trio: Jeanette Rauhut, violinist; Doris Eckler, 'cellist; Roslyn Rost, pianist
1 p.m.—Bible questions and answers
1:30 p.m.—Musical program, solos by Lillian Pelletier, duets by Virginia Merrill and Rose Sprague, and favorite hymns by the Choral Singers
2 p.m.—Bible lecture, "Prophecy"
6 p.m.—Community singing; Bible dialogue; musical selections
7 p.m.—Warren Guthrie, baritone; Hazel Fish, accompanist
9 p.m.—Vocal and instrumental music under the direction of J. B. Lupi of San Jose; Bible lecture in Italian language by I. B. S. A. representative
10 p.m.—The Endless program, presenting: Voyle Gilmore's band; Ev. Sutherland, blues singer; Earl Miller, tenor; Helen and Lucille Smith; Marguerite Hall, whistler; Roy Kincheloe

322.4 Meters **KFWI** **Franklin 0200**
930 Kcys. **500 Watts**

Radio Entertainments, San Francisco, Calif.
2:30 to 3 p.m.—Studio program; popular music
3 to 3:30 p.m.—Florence Lorraine and Nadine Chriss
3:30 to 4 p.m.—Kohler & Chase program (popular)
4 to 4:15 p.m.—Norma Lee McKinley, contralto
4:15 to 5 p.m.—Sherman-Clay program (classical)
5 to 5:15 p.m.—National Insurance program (popular)
5:15 to 6 p.m.—Studio program; popular music

526 Meters **KMTR** **Hollywood 3026**
570 Kcys. **500 Watts**

KMTR Radio Corp., Hollywood, California
7 to 9 a.m.—Breakfast Club and New Idea Man
9 to 12 noon—John Driscoll's Musicland Review
12 to 1 p.m.—Schubert selections; Russian melodies
1 to 3 p.m.—Neapolitan Trio; recordings
3 to 4 p.m.—Selections from musical comedies
4 to 5 p.m.—Hilly Billy Revue
5 to 6:30 p.m.—Symphonic jazz; "Dot and Mary"
6:30 to 7 p.m.—Miniature Salon Players
7 to 7:30 p.m.—Novelty Three
7:30 to 8 p.m.—Inez Small, blues; Rocky Bernard, baritone
8 to 8:30 p.m.—KMTR Orchestra and vocalist
8:30 to 9 p.m.—"From Behind the Footlights"
9 to 9:30 p.m.—"Vibrant Melodies"
9:30 to 10 p.m.—Harry Geise requests, piano and songs
10 to 11 p.m.—"The Discovery Hour," conducted by Natalie Marshall

204 Meters **KGA** **Main 3434**
1470 Kcys. **5000 Watts**

Northwest Broadcasting System, Spokane, Wash.
10 a.m.—Musical comedy favorites
10:30 a.m.—Lecture, "Ten Greatest Men of all Times"
11 a.m.—Organ and song recital
12 noon—Popular favorites; Classic Hour
2 p.m.—Hour of favorite steppers
3 p.m.—Masterworks; Good News Magazine
4:30 p.m.—Waikiki harmony
5 p.m.—Rev. Cora Kincannon Smith
6 p.m.—Broadway Quintet; Betty Andersen, soprano; Jean Kantner, baritone; Northwest Male Quartet
7 p.m.—Orchestra; Glen Eaton, tenor; Ragnar Sallidin, accordion; Captivators Male Quartet
8 p.m.—Orchestra, Henri Damski, director; Betty Andersen, soprano; Jean Kantner, baritone; Harold Strong, piano
9 p.m.—Los Gauchos Argentine; Ed Sheldon, mandolin; Elmore Vincent, tenor; NBS
10 p.m.—Request program

285.5 Meters **KNX** **Hempstead 4101**
1050 Kcys. **5000 Watts**

L. A. Evening Express, Los Angeles, Calif.
9 to 11 a.m.—Program of popular recordings
11 to 12:30 p.m.—First Presbyterian Church
12:30 to 1 p.m.—Louise Johnson, astroanalyst
1 to 2 p.m.—International Bible Students' Association
2 to 4 p.m.—City Park Board musical program
4 to 5 p.m.—First Radio Church of the Air
5 to 6 p.m.—Twilight concert of late recordings
6 to 6:30 p.m.—Talk by Dr. Ernest Holmes
6:30 to 7 p.m.—Dr. Theodore Curtis Abel
7 to 7:30 p.m.—Scriptural Research Bureau talk
7:30 to 8 p.m.—KNX artists
8 to 9 p.m.—First Presbyterian Church
9 to 10:30 p.m.—Luboviski Trio

225.4 Meters **KGB** **Franklin 6151**
1330 Kcys. **250 Watts**

Pickwick Broadcasting Co., San Diego, Calif.
8 to 9 a.m.—Thru the Comics with Uncle Si
9 to 10 a.m.—Classical Recordings
10 to 11 a.m.—International Bible Students
11 to 12 noon—Records; Theater Announcements
5 to 5:30 p.m.—Old Time Gospel Hour
5:30 to 6 p.m.—Program of recordings
6 to 7 p.m.—Church of Jesus Christ of L. D. S.
7 to 8 p.m.—Miniature symphony with Molly Burwell and Preston Green
8 to 9 p.m.—American Legion Quartet and Jean and Jacquelyn
9 to 10 p.m.—The Real Mexico

280.2 Meters **KJBS** **Ord 4148-49**
1070 Kcys. **100 Watts**

J. Brunton & Sons, San Francisco, Calif.
8:30 to 9:30 a.m.—Kresteller program; Esrey program
9:30 to 10 a.m.—U. S. popular half-hour
10 to 10:30 a.m.—Sunshine half-hour
10:30 to 11:30 a.m.—Recorded music; Selix program
11:30 to 12:30 p.m.—Concert; recordings
12:30 to 2 p.m.—Popular half-hour; records
2 to 4:30 p.m.—Polo game from Presidio
4:30 to 5 p.m.—Mabel Payne, soprano
5 to 5:30 p.m.—Saphire program
5:30 to 7:15 p.m.—Wiseman program; records
12:01 to 7 a.m.—Continuous all-night broadcast

232.6 Meters **KDYL** **Wasatch 7180**
1290 Kcys. **1000 Watts**

Intermountain Broad. Corp., Salt Lake City
5 p.m.—Majestic Theatre of the Air, CBS
6 p.m.—Squibbs program, presenting Will Rogers
6:30 p.m.—Thirty Minutes with the Great Masters
7 p.m.—Lauren W. Gibbs' Orchestra
7:30 p.m.—Around the World with Sam and Bill's International Orchestra
8 p.m.—CBS Coral Islanders—Walter Kolomoku, director, presenting his famous Honoluluans Group; poetic readings by David Ross
8:30 p.m.—CBS Midnight Melodies
9 p.m.—Concert orchestra with Alice Anderson, dir.
9:30 p.m.—Song hits; varieties
10:30 p.m.—Dance parade

230.6 Meters **KTBI** **Metropolitan 6701**
1300 Kcys. **1000 Watts**

Bible Institute of Los Angeles, Calif.
6 to 7 p.m.—Studio vesper service
8 to 9 p.m.—Church of the Open Door
9 to 10 p.m.—Bible Institute after-church service

299.8 Meters **KFVD** **Empire 5127**
1000 Kcys. **250 Watts**

Auburn Fuller, Culver City, Calif.
9 a.m.—George Redman, piano, and Burton Bennett, songs
10 a.m.—Songs That Never Grow Old
10:30 a.m.—Peggy Price, Bob Ray, piano and songs
11 a.m.—Harmony Hawaiians; string trio
1 p.m.—"Inspiration," the Magazine of the Air
2 p.m.—Sacred Half Hour
3 p.m.—J. Newton Yates, organ recital
4:30 p.m.—Selected program
9:15 p.m.—Community program
11 p.m.—Organ; Peggy Price, soloist

Personal Pickups By GYPSY



K. G., SAN FRANCISCO, CAL.—“Yah sure,” Anna Kristina is still broadcasting. She is now heard from stations KFI and KECA. (Definite schedule to be given at a later date.)

* * *

MARY R., FRESNO, CAL.—Val Valente (KFRC) is a clean, olive-skinned young American-born Italian. His eyes are a deep brown, his hair is smoothly black. He has a splendid profile, wears a mustache, is 5 feet 11 inches tall and weighs 180 pounds. Normalcy and a rare wholesomeness are his most pronounced characteristics. One instinctively feels that he is happy, decent and considerate of others. He is a graduate of St. Mary's College, has been married nine years, is a devoted husband and the proud father of a two-year-old son and wee daughter.

* * *

G. M. S., PETALUMA, CAL.—Autographed photographs of your favorite artists can be obtained only through direct communication. Address your letters to them in care of the station over which they broadcast.

* * *

ISABEL B., OGDEN, UTAH.—That's just what I thought before I knew Roscoe Grover (KSL). “Big, rugged sort, middle-aged with, maybe, a beard.” But, my dear, he doesn't answer to this at all. He is young, blond, dapper and Rocky Mountains or no Rocky Mountains, he gets neatly away with a waxed mustache. The extreme foreign kind, too. In addition to his program directorship, studio management and “Uncle Roscoe” activities he goes in for art, conducts some fine lectures and takes yearly trips to Europe. By the way, he leaves in June, I think, for his next journey abroad and will make contacts with stations in Rome and numerous other countries.

* * *

R. S., VICTORIA, B. C.—Ken Stuart (KJR) is 5 feet 7 inches tall, weighs about 155 pounds, has brown eyes, black hair and good, regular features. He is 35 years old, a graduate of Penn State College and a 'nawful bridge addict. Yes, he is married. At least he was two years ago.

So definitely that he objected to emoting, even for art's sake, over one Mrs. Elwood, his bride in a radio play, because his own wife was listening-in. (A “woman scorned” never forgets. I was the neglected bride.)

* * *

MRS. H. O., SACRAMENTO, CAL.—Alice Blue (KTAB) was born in Forbestown, not Marysville. However, she lived in Marysville for some time while engaged as organist at a theatre there.

* * *

MRS. B. A. H., YUBA CITY, CAL.—Here you have Billie Van (KFWB) singer, director and all 'round musician of the “Paul Revere” broadcast. He was born in Birmingham, Alabama, made his home in Elko, Nevada, for a while, toured in vaudeville for several years and entered the radio field in 1924. He is 6 feet 1 inch in height, weighs 185 pounds, has dark brown hair, hazel eyes and is about 27 years old. His hobbies are swimming, fishing and hunting. His aversions—perhaps we'd better skip that—and he is not married.

* * *

T. L., SAN FRANCISCO, CAL.—“Brother Bob's” age is thirty-six. You were quite close. He is known to his business and fraternal associates as Ray Raymond. Mr. Raymond came originally from Shreveport, La., attended the University of Kansas, later, played in musical comedy, went into the advertising business, then into the executive end of a motor concern and suddenly, without warning, he found himself involved with radio. He is 5 feet 10 inches tall, weighs 170 pounds, has blue eyes, blond hair, cannot endure “baby blondes who paw,” likes dinner dances, the fights and the theatre.

* * *

B. A. M., OAKLAND, CAL.—To become affiliated with a radio station you must first of all grasp your inferiority complex firmly by the neck and cast it into the bay. It has no place in the broadcasting world. When you are sure it has gone down for the third and last time, make an appointment with the station you have in mind for an audition. I can suggest no other route. Will you be nervous? Undoubtedly! But this might prove helpful: Memorize whatever you intend singing. Know it so well that you may close your eyes if the microphone frightens you . . . and think of nothing but your song-story. Good luck!

MONDAY Programs

May 19, 1930



Florence Grebe
KTAB—Asst. Prog. Dir.

★ BEST BETS TODAY ★		
TIME	STATION	PROGRAM



Tom Mitchell
KMTR—10:30 a.m.

491.5 Meters
610 Kcys.

KFRC

Prospect 0100
1000 Watts

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—Seal Rocks broadcast
8 to 8:30 a.m.—Columbia Revue, CBS; stocks
8:30 to 9:30 a.m.—Yoeng's Orchestra, CBS; news
9:30 to 10:30 a.m.—Feminine Fancies, DLBS
10:30 to 11 a.m.—Wyn's Daily Chats
11 to 11:30 a.m.—Mary Haines, Domestic Science talk
11:30 to 12 noon—Auditions
12 to 1 p.m.—Sherman & Clay noonday concert
1 to 1:30 p.m.—The Troubadours, CBS
1:30 to 2 p.m.—Three Dainty Misses, DLBS
2 to 3 p.m.—Happy Go Lucky Hour, DLBS
3 to 3:30 p.m.—Current Events, CBS
3:30 to 3:45 p.m.—Western Air Express, aviation talk
3:45 to 4 p.m.—Bernhard Levitow's Commodore Ensemble, CBS
4 to 4:45 p.m.—Vienesse Quintet, DLBS
4:45 to 5 p.m.—News Items; Town Topics
5 to 5:30 p.m.—Wellman & Larson, DLBS
5:30 to 6 p.m.—Walter Kelsey, violinist, and Eleanor Allen, pianist and organist, DLBS
6 to 6:15 p.m.—Bobs, noted sports authority
6:15 to 6:30 p.m.—"Your Financial Problems"
6:30 to 7 p.m.—Jesse Crawford, organist, CBS
7 to 7:30 p.m.—"The Columbians," DLBS
7:30 to 8 p.m.—Hotel Paramount Orchestra, CBS
8 to 10 p.m.—"Golden State Blue Monday Jamboree," Courtesy Golden State Milk Products Co., DLBS
10 to 10:15 p.m.—Cecil Wright, "Little Poison Oak Himself"
10:15 to 11 p.m.—Hotel Mark Hopkins Orchestra, DLBS
11 to 12 midnight—Los Angeles Biltmore Orch., DLBS
12 to 1 a.m.—Dance music

239.9 Meters
1250 Kcys.

KFOX

Phone: 672-81
1000 Watts

Nichols & Warinner, Long Beach, Calif.

5 a.m. to 12 noon—Music, talks and news items
12 to 12:45 p.m.—Sunset Harmony Boys
12:45 to 1:30 p.m.—Cherrio Boys; Bill and Co
1:30 to 2:20 p.m.—Cherrio Boys; Doris & Clarence
2:20 to 3 p.m.—Rolly Wray; Sunset Boys
3 to 3:30 p.m.—Planistic Pansy; Today in History
3:30 to 4:15 p.m.—Organ recital; late news reports
4:15 to 4:30 p.m.—Rolly and Gene
4:30 to 4:45 p.m.—Violets Tiny Tots Hour
4:45 to 5 p.m.—Jones Harmony Four
5 to 6 p.m.—Organ recital; Sunset Boys
6 to 6:15 p.m.—"Em & Clem"
6:15 to 6:30 p.m.—Percy at the Phone
6:30 to 6:45 p.m.—The Kaai Hawaiian Trio
6:45 to 7 p.m.—Three Vagabonds
7 to 8 p.m.—Suydam's Buttercream School
8 to 8:30 p.m.—Tavern Club Orchestra
8:30 to 9:15 p.m.—Texas Cowboys; Foster and Doris
9:15 to 9:30 p.m.—Vera Graham, organist
9:30 to 10 p.m.—Majestic Ballroom
10 to 11 p.m.—Young Folks at Home
11 to 1 a.m.—Majestic Ballroom; studio program
1 to 3 a.m.—The Knight Fox

535.4 Meters
560 Kcys.

KTAB

Garfield 4700
1000 Watts

Pickwick Broadcasting Co., Oakland, Calif.

6:30 to 7 a.m.—Studio program; health exercises
7 to 8 a.m.—Studio program; Frank Wright & Barney Lewis
8 to 9 a.m.—Classical records; Towne Cryer
9 to 9:30 a.m.—Morning Prayer Hour
9:30 to 10 a.m.—Household Hints with Julia Hayes
10 to 10:30 a.m.—Household Hour with Alma La Marr
10:30 to 1 p.m.—Dr. B. L. Corley; studio program
1 to 1:45 p.m.—Chapel of Chimes; records
1:45 to 2:30 p.m.—Dr. Wade Forrester, health talk
2:30 to 3 p.m.—Musical Appreciation Hour
3 to 3:30 p.m.—Alice Blue, with Mabel Payne, soprano
3:30 to 5 p.m.—Novelty records; studio program
5 to 5:15 p.m.—The Story Man and His Air Castle
5:15 to 6 p.m.—Brother Bob's Frolic Hour
6 to 6:30 p.m.—Date Book program; studio program
6:30 to 7:30 p.m.—Organ; Hall of Fame; records
7:30 to 8 p.m.—"Organ Echoes"; Madeline O'Brien, soprano
8 to 10 p.m.—"Poem Pictures"; Highway Highlights"
10 to 1 a.m.—"Organ Echoes"; dance records

265.3 Meters
1130 Kcys.

KSL

Wasatch 3901
5000 Watts

Radio Service Corp., Salt Lake City, Utah

5 to 7:30 p.m.—NBC programs
7:30 p.m.—Amos 'n' Andy, NBC
7:45 p.m.—"Jewel Box"
8:15 p.m.—Shell Symphony, NBC
9 p.m.—"Voice of Firestone," NBC
9:30 p.m.—Organ recital; violin presentations
10 p.m.—"House of Myths," NBC
11 p.m.—"Vagabond of the Air"

483.6 Meters
620 Kcys.

KGW

Atwater 2121
1000 Watts

The Morning Oregonian, Portland, Oregon

6:45 a.m.—Devotions; Bagdad theater organ
7:45 a.m.—Aunt Jemima, NBC
8 a.m.—Shell Happytime, KPO
9 a.m.—Columbia National Bank; Town Cryer
10:15 a.m.—Heinz Food talk, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Glidden program; The Canny Cook, NBC
11:45 a.m.—The Canny Cook, NBC
12 noon—Powers Pled Piper
12:30 p.m.—Grand Central Marketeers; Traffic talk
2:15 p.m.—Mormon Tabernacle, NBC
2:30 p.m.—School of the Air, NBC
3 p.m.—Among Ourselves; Masterworks
4 p.m.—Marlan Miller
4:15 p.m.—Matinee Time, NBC
4:30 p.m.—Palace Laundry Teatimers
5 to 7:15 p.m.—National Broadcasting Co. programs
7:15 p.m.—To be announced
7:30 to 10 p.m.—National Broadcasting Co. programs
10 p.m.—Ben Selling's Boys
11 to 12 midnight—Olympic Hotel Orchestra

A Page From the NBC Woman's Magazine of the Air

By MARIE C. ELBS

HAVE you met Don Ray? Benny Walker introduced him to the audience listening to the NBC "Woman's Magazine of the Air" broadcast a week ago. He is the latest addition to the list of speakers heard weekly during the WMA programs.

Described by Helen Webster as a man of dynamic personality with a seemingly endless amount of new ideas, Mr. Ray is devoting approximately 20 minutes every Saturday morning to a talk which will be frequently of an inspirational nature. He'll speak to the men and women—the fathers and mothers—as well as to the young people, for whom he will talk about vocations and other things of interest to adolescent boys and girls. Mr. Ray, you know, is president of the Delray Corporation, which presents the newest feature of the WMA, the Delray Fine Foods program on Saturdays.

New uses for familiar products are being revealed weekly during the various WMA periods. Miss Webster, for instance, during her most recent Clorox feature talk, suggested a means of using Clorox which will doubtless prove surprising to many women who have considered this product principally as a cleanser for household objects. She declared that a mild solution of Clorox makes an excellent mouth wash and gargle because of its germ-killing properties.

Magnolia, of the WMA Oronite "Colored Supplement," has some new ideas for the Oronite products. Have you ever used a fly spray to clean your windows? That may sound strange if you've never done it, but Magnolia vouches for its efficacy. Her husband, Henry, and his friend, Charley, "discovered" this new method during a recent broadcast. Of course, their getting the Oronite fly spray all over the window was accidental, but when they wiped it off under Magnolia's direction, they found that the fly spray both cleaned and polished the glass.

A simple method of cleaning furs has also been suggested by Magnolia. Saturate some sawdust with Oronite cleaning fluid and rub it into the fur. Let the sawdust remain for a short time and then shake it out. The treatment will remove dust and dirt, glaze the fur and make it soft and fluffy.

Ann Holden, the WMA domestic science expert, contributes a suggestion for which housewives will be thankful. It is a way of cooking cauliflower—and cabbage, too, for that matter—without the fact being broadcast throughout the house and even out in the street. Just keep a small saucepan with about half a cup of vinegar in it over a low flame on top of the range at the same time that you're cooking your cauliflower, cabbage or sprouts. The vinegar fumes seem to absorb the vegetable odor completely. This suggestion was given during a Crisco feature talk.

In the same talk Miss Holden offered an interesting recipe for fried tomatoes.

3 tablespoons Crisco, 4 tablespoons flour, 2 tablespoons sugar, 1½ teaspoons salt, ⅛ teaspoon pepper, 4 large tomatoes, 2 cups milk.

Melt the Crisco in the frying pan. Mix the flour, salt, sugar and pepper. Cut the tomatoes into one-half-inch slices and dip these in the flour mixture. Fry in the hot Crisco until brown. Transfer the slices to a hot platter as soon as they are done. When all of the slices are fried, pour the milk into the frying pan and bring to the boiling point. Stir constantly until it thickens, as it will, of course, because some of the flour from the tomatoes will remain in the pan. Add a little more salt if it is needed. Pour over the tomatoes and serve hot.

Another hint from Ann Holden: Green peppers may be kept for days after they have been cut just by immersing them in cold water and keeping them in the refrigerator. So few people seem to know this, she says, and permit good peppers to spoil after they've used just a small portion of them.

To change from the subject of food to one of equal interest, Spartan simplicity in present-day clothing for children is stressed by Miss Webster in her style talks during the Ivory Flakes feature of the WMA. Recently she pointed out the smartness of the little reversible hats being shown this season for the youthful members of the family. The hats are green, perhaps, on one side and yellow on the other. In this way they do for more than one costume, since the ensemble idea prevails even in children's clothing.

MONDAY Programs

**340.7 Meters
880 Keys.**

KLX

**Lake 6000-6015
500 Watts**

Tribune Publishing Co., Oakland, Calif.

6:30 to 8 a.m.—Records; stocks; exercises
8 to 9:30 a.m.—Jean Kent; Modern Homes
9:30 to 10:15 a.m.—Clinic of the Air
10:15 to 10:30 a.m.—San Francisco stocks; weather
10:30 to 11 a.m.—Henderson's Radiola program
11 to 12 noon—Classified Adv. Hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2:30 p.m.—Jean's Hi-Lights; records
2:30 to 3:30 p.m.—Opportunity Hour; stocks
3:30 to 4:15 p.m.—Recordings; Lena and Lillie
4:15 to 4:50 p.m.—Chas. T. Besserer, organist
4:50 to 5 p.m.—Humane Education talk
5 to 6 p.m.—Brother Bob's Club; Edgar Russell
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News items
7:30 to 8 p.m.—Jack Delaney's Alabam Cafe Orchestra
8 to 9 p.m.—Amati Quartet
9 to 10 p.m.—Helen Wegman Parmelee, pianist; Edith Fern Newcomb, contralto; Chas. Follette, accompanist, and Spanish Serenaders
10 to 10:15 p.m.—Mama and Benny Cohen
10:15 to 11 p.m.—Dance program

**315.6 Meters
950 Keys.**

KFWB

**Hollywood 0315
1000 Watts**

Warner Brothers, Hollywood, California

8:30 to 10 a.m.—Orpheus Sextet and the Feature Trio
10 to 10:30 a.m.—Home Economics talk
10:30 to 11:30 a.m.—Jean Cowan; Dixieland Syncopators
11:30 to 12 noon—Billy Van, courtesy program
12 to 12:30 p.m.—Orchestra; Nelson Case, soloist
12:30 to 2 p.m.—Variety Serenaders; Boswell Sisters
2 to 2:30 p.m.—Art Pabst and his banjo
2:30 to 3 p.m.—Ann Grey, popular songs
3 to 4 p.m.—Art & Abie, popular songs; music
4 to 4:30 p.m.—Program by the Children's Playhouse
4:30 to 6 p.m.—Green's Ensemble; Gus Mack, soloist
6 to 6:30 p.m.—Pac. Salon Orchestra, Ray Martinez, dir.
6:30 to 7 p.m.—Harry Jackson's Entertainers
7 to 7:10 p.m.—Cecil and Sally, "The Funniest Thing"
7:10 to 7:30 p.m.—Ted Dahl's Band; Buster Dees, tenor
7:30 to 7:45 p.m.—Jean Leonard, "Wizard of the Ivories"
7:45 to 8 p.m.—Talk on Dogs, by Douglas Hertz
8 to 9 p.m.—The Southlanders; Emma Kimmel, soprano; Vernon Rickard, tenor
9 to 10 p.m.—Spanish program
10 to 10:30 p.m.—Irving Aaronson's Commanders
10:30 to 11:30 p.m.—Ben Bernie and his orchestra
11:30 to 12 midnight—Irving Aaronson's Commanders

**325.9 Meters
920 Keys.**

KOMO

**Elliot 5890
1000 Watts**

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

7:40 a.m.—Inspirational services
7:45 a.m.—Aunt Jemima Boy, NBC
8 a.m.—Shell Happytime, KPO
9 a.m.—Fox theatre organ recital
10 a.m.—The Way to a Man's Heart
10:15 a.m.—Heinz Food talk, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—P. S. Power & Light Co., vocal trio
11:45 a.m.—Hour of Canny Cook, NBC
12 noon—Farm talk; fruit & veg. and grain reports
12:15 p.m.—Prudence Penny
12:3 p.m.—Orchestra and vocalists
2 p.m.—Tabernacle Choir, NBC
2:30 p.m.—Pacific Coast School of the Air, NBC
3 p.m.—P. S. Power & Light Co. Orchestra
3:30 p.m.—Roxy and His Gang, NBC; stocks
4:15 p.m.—Artistic Ensemble
5 to 7 p.m.—NBC programs
7 p.m.—Garden Patch children's program
7:30 to 9:30 p.m.—National Broadcasting Co. programs
9:30 p.m.—P. S. Power & Light Co. Orchestra
10 p.m.—University of Washington Hour
10:30 p.m.—Hot Spot of Radio, NBC
10:45 p.m.—Totem Broadcasters, news flashes
11 p.m.—Olympic Hotel Dance Orchestra
12 midnight—Fox Theatre organ recital

San Francisco

NBC

Sutter 1920

National Broadcasting Company

7:45 to 8 a.m.—The Aunt Jemima Boy, KGO, KHQ, KOMO, KGW, KECA, KSL
10:15 to 10:30 a.m.—Josephine B. Gibson, Food Talk, KGO, KHQ, KOMO, KGW, KFI
10:30 to 11:30 a.m.—Woman's Magazine of the Air, KGO, KHQ, KOMO, KGW, KPO, KFI; KSL, KOA, 10:30 to 11:10 a.m.
11:30 to 11:45 a.m.—NBC Philharmonic Organ Recital, KGO, KOA
11:45 to 12 noon—The Canny Cook, KGO, KHQ, KOMO, KGW, KECA, KSL, KOA
12 to 1 p.m.—Pacific Vagabonds, KGO, KOA
Myron Niesley, tenor; Walter Beban's Musical Musketeers and the Coquettes, a singing trio, will alternate in the Pacific Vagabonds' transcontinental program.
2 to 2:30 p.m.—Mormon Tabernacle Choir and Organ, KGO, KOMO, KPO; KGW, 2:15 to 2:30 p.m.
Tracy Y. Cannon will be at the console of the great organ when today's program is broadcast. Notes of the beloved "Lost Chord," by Sullivan, will be heard first as it is interpreted by the choir of 300.
2:30 to 3 p.m.—Pacific Coast School of the Air, KGO, KHQ, KOMO, KGW, KPO, KFI
3:30 to 4:30 p.m.—Roxy and His Gang, KGO; KOMO, 3:30 to 4 p.m.
4:30 to 4:45 p.m.—Matinee Time, KGO; KGW, 4:15 to 4:30 p.m.
5 to 5:30 p.m.—Maytag Orchestra, KGO, KHQ, KOMO, KGW, KECA
The Maytag Orchestra, Victor Young directing, will be heard along with the Retting Platt, piano duo and the Tom, Dick and Harry vocal trio. There are 19 pieces in this orchestra, which has a repertoire ranging from the symphonic to the jazz. The Retting and Platt piano duo play popular music for the most part, while the Tom, Dick and Harry vocal trio confines its efforts entirely to this type of music.
5:30 to 6 p.m.—General Motors Family Party, KGO, KHQ, KOMO, KGW, KFI
Ossip Gabrilowitsch's excellence as a pianist will be demonstrated in an appearance as soloist on the General Motors Family Party.
6 to 6:30 p.m.—Stromberg-Carlson Program, KGO, KHQ, KOMO, KGW, KFI
Classical music will be presented over the NBC System tonight by the 50-piece Rochester Civic Orchestra which has Guy Fraser Harrison for director.
6:30 to 7 p.m.—Empire Builders, KGO, KHQ, KOMO, KGW, KFI
Using neither fingers nor mechanical aids when he whistles, "Bob" MacGimsey will be featured in the musical portion of the Empire Builders program. Harvey Hays, the Old Timer, and Virginia Gardner, radio actress of note, will head the cast of actors to be featured in the dramatic offering.
7 to 7:30 p.m.—Hotel Governor Clinton Orchestra, KGO; KGW, 7 to 7:15 p.m.
7:30 to 7:45 p.m.—Amos 'n' Andy, KGO, KHQ, KOMO, KGW, KECA
7:45 to 8 p.m.—Literary Digest Prohibition Poll and Latest World News Flashes, interpreted by Floyd Gibbons, KGO, KHQ, KOMO, KGW, KECA
8 to 9 p.m.—Rudy Seiger's Shell Symphonists, KHQ, KOMO, KGW, KPO, KFI; KSL, 8:15 to 9 p.m.
Offering an hour of classical music, Rudy Seiger's Shell Symphonists will play for auditors of NBC System stations tonight.
8 to 9 p.m.—Musical Musketeers, KGO, KECA
9 to 9:30 p.m.—Voice of Firestone, KGO, KHQ, KOMO, KGW, KFI, KSL, KOA
Those of the radio audience with their dials set to NBC System stations tonight will hear Easton Kent, tenor; a male quartet headed by Mynard Jones; Max Dolin, violinist, and a concert orchestra as they present the Voice of Firestone.
10 to 10:30 p.m.—House of Myths, KGO, KHQ, KOA
Another episode in the life of Perseus will be dramatized tonight. With George Rand in the title role, Bernice Berwin, Barbara Lee, Charles McAllister and a supporting cast of National Players will be heard.
10:30 to 11 p.m.—Hot Spot of Radio, KGO, KOA; KOMO, 10:30 to 10:45 p.m.
Making good his trademark, the "Hot Spot of Radio," Henry Starr will be heard in a half-hour program of pianologues.

MONDAY Programs

243.8 Meters **KYA** **Prospect 3456**
1230 Kcys. **1000 Watts**

Pacific Broadcasting Corp., San Francisco

9 to 10 a.m.—Recorded program
10 to 10:15 a.m.—Mrs. Wm. A. Smith, of the Parent-Teachers Association; subject, The Department of Public Welfare
10:15 to 11 a.m.—Recordings; Dr. Bond
11 to 12 noon—California Sunshine Hour
12 to 2 p.m.—Newscasting; recordings
2 to 3 p.m.—Bridge Party Hour
3 to 5:30 p.m.—Popular recordings; Sunset Hour
5:30 to 6:15 p.m.—Stock quotations; records
6:15 to 7 p.m.—Metro and Cosmo; records
7 to 7:30 p.m.—George Taylor and the Boys
7:30 to 8 p.m.—1640 Boys, Tommy Monroe and Bob Allen
8 to 9 p.m.—Musical parade, conducted by George Taylor and presenting a revue of KYA artists
9 to 10 p.m.—Paul Kelli's Lido Cafe Orchestra
10 to 1 a.m.—Dance and request recordings

468.5 Meters **KFI** **Westmore 0337**
640 Kcys. **5000 Watts**

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7:30 a.m.—Stock market reports
7:45 a.m.—Chester Foster Rand, ballads
8 a.m.—Shell Happytime from KPO
9 a.m.—Herb Scharlin, ballads
9:30 a.m.—Sylvia's Happy Hour
10:15 a.m.—Josephine Gibson food talk, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:45 a.m.—Spanish lesson, Annette Doherty
12 noon—U. C. and U. S. Dept. of Agriculture talk
12:15 p.m.—Federal and state market reports
2:15 p.m.—Winnie Fields Moore, travelogue
2:30 p.m.—Pacific Coast School of the Air, NBC
3 p.m.—Los Angeles Public Library, book review
3:30 p.m.—Bess Kilmer's Helpful Hints to Housewives
4 p.m.—Better America Federation; News Bureau
4:30 p.m.—Big Brother; The Story Man
5:30 to 7 p.m.—National Broadcasting Co. programs
7 p.m.—Frances Hancock, "Mental Exercises"
7:30 p.m.—Mabel Lewis, musical memories
8 p.m.—Shell program, NBC
9 p.m.—Voice of Firestone, NBC
9:30 p.m.—Two Shades of Blue, Mart and Lill
10 p.m.—Virginia Flohr, program of songs
10:30 p.m.—Remote control from Cafe Max Fisher

333.1 Meters **KHJ** **Vandike 7111**
900 Kcys. **1000 Watts**

Don Lee, Inc., Los Angeles, California

7 to 8 a.m.—Stocks; recordings; Coal & Coke
8 to 8:30 a.m.—Columbia Revue, CBS
8:30 to 9:15 a.m.—Yoeng's Orchestra, CBS; records
9:15 to 9:30 a.m.—Richardson's Music Lovers' Shop
9:30 to 11:15 a.m.—Feminine Fancies, KFRC; records
11:15 to 12 noon—Scientific Laboratories; records
12 to 12:30 p.m.—Biltmore Hotel Concert Orchestra
12:30 to 1 p.m.—World-wide news; recordings
1 to 1:30 p.m.—The Troubadours, CBS
1:30 to 2 p.m.—Three Dainty Misses, DLRS
2 to 3 p.m.—Happy Go Lucky Hour, KFRC
3 to 3:15 p.m.—Colonial Dames program
3:15 to 3:30 p.m.—Girl Scouts of America
3:35 to 4 p.m.—Boy Scouts of America
4 to 4:40 p.m.—Viennese Quintet
4:40 to 4:45 p.m.—Better Business Bureau
4:45 to 5 p.m.—World-wide news; Town Topics
5 to 5:30 p.m.—Hi Moulton and his Fire Eaters
5:30 to 6 p.m.—Bob Swan, Boulevard Furniture Co.
6 to 6:30 p.m.—Don Lee Concert Orchestra
6:30 to 7 p.m.—CBS program
7 to 7:30 p.m.—Inglewood Park Orchestra
7:30 to 8 p.m.—Talks, Water Bonds
8 to 10 p.m.—Golden State Milk Products Jamboree, KFRC
10 to 10:05 p.m.—World-wide news
10:05 to 11 p.m.—Mark Hopkins Hotel Dance Orchestra, from KFRC
11 to 12 midnight—Biltmore Hotel Dance Orchestra
12 to 1 a.m.—Wesley Tourtellotte's organ recital

322.4 Meters **KFWI** **Franklin 0200**
930 Kcys. **500 Watts**

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Frank Roefer's morning exercises
9 to 10:30 a.m.—Records, announcements and program
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—Items of interest
11 to 11:30 a.m.—Ray Batz at the piano
11:30 to 1 p.m.—Semi-classics; dance program
1 to 1:30 p.m.—Cal King's Country Store
6 to 7:15 p.m.—Dinner Hour; Judge Matthew Brady
7:15 to 7:30 p.m.—Program by Ed Steirn at the piano
8:30 to 9:15 p.m.—Feature program; studio program
9:15 to 9:30 p.m.—Nadine Chriss, pianist
9:30 to 9:45 p.m.—Isabel Henion, balladist
9:45 to 10 p.m.—"Ambrose & Mandy"
10 to 10:30 p.m.—Sally Lewis, concert pianist
10:30 to 12 midnight—Studio program; dance music
12 to 1 a.m.—Sherman Clay midnight classics

322.4 Meters **KROW** **Glencourt 6774**
930 Kcys. **1000 Watts**

Educational Broadcasting Corp., Oakland, Calif.

8 a.m.—Wade Forrester, Health Questions; Gloom Chasers' Orchestra; Tropical Trio
1:30 p.m.—Music Memories, Lillian Boyd
2 p.m.—Studio program; Household Hints
3:30 p.m.—Bill Simmons, "Yodeling Cowboy;" Eddie McCarty, harmonica; Slim Fey, violinist
4 p.m.—Studio program
4:30 p.m.—Fox West Coast Theaters Frolic
5 p.m.—Wade Forrester's Hour of Sunshine
7:30 p.m.—Complete Sports Review
7:45 p.m.—"The Ne'er Do Well"
8 p.m.—Bob and Monte; studio program

309.1 Meters **KJR** **Main 2495-2475**
970 Kcys. **5000 Watts**

Northwest Broadcasting System, Seattle, Wash.

7 a.m.—Organ recital; Egyptian Theatre
9:30 a.m.—Morning devotional services
9:40 a.m.—Sally Jo Walker and Grant Merrill
10 a.m.—Glen Eaton, tenor; Marjorie Robillard, piano
10:15 a.m.—Beauty talk, Helen Andrews
12 noon—World in Review; musical program
2 p.m.—Marjorie Robillard and Elmore Vincent
2:15 p.m.—Beatrice Nelson, soprano; Song Birds
5:15 p.m.—Union Oil Company; Baron Keyes' Air Castles
5:30 p.m.—Market reports; lost and found articles
5:50 p.m.—Garden talk by Cecil Solly
6 p.m.—Harpers Corners; Burton James and Company
6:30 p.m.—Hometowners Orchestra; Glen Eaton, tenor
7 p.m.—Kelpine Pair; Washington Fireman
8 p.m.—Mission Mixer's Aces; Ukelele Bob
8:30 p.m.—Harmony Aces; Chet Cathers, baritone
9 p.m.—Damski's Neapolitans; Betty Andersen, soprano; Sydney Dixon, tenor
9:30 p.m.—Wrestling match, Ken Stuart, announcer
10:30 p.m.—Pearle Dempsey, piano; Bob Monsen, tenor; Elmore Vincent, tenor
11 p.m.—Vic Meyers' Club Victor Orchestra
12 midnight—Midnight Revellers

254.1 Meters **KEX** **Atwater 3111**
1180 Kcys. **5000 Watts**

Western Broadcasting Co., Portland, Ore.

7 a.m.—Morning Serenaders
8 a.m.—The Clock; Oregon Journal News
9 a.m.—Novelty recording concert; organ
9:45 a.m.—Devotional service; organ concert
10:30 a.m.—Shopping service, featuring Allen Daniels
11:30 a.m.—Billy's Hawaiians; Happy Hour Girls
1:05 p.m.—Piano recital; organ concert
2 p.m.—Dental lecture; band concert
4:30 p.m.—Popular song recital
5:15 p.m.—Children's Hour; KEX Bulletin
6 p.m.—Around the world with Captain Salisbury
6:15 p.m.—Musical Musketeers
6:30 p.m.—Hometowners Orchestra; Glen Eaton, tenor, NBS; song contest
9 p.m.—Neapolitans, Henri Damski, director; Betty Andersen, soprano; Sydney Dixon, tenor; NBS
10 p.m.—Melvin & Merciful; recording orchestra
10:15 p.m.—Novelty recording orchestra
10:30 p.m.—Jack and Jill Tavern Orchestra
11:30 p.m.—Time; weather; police reports; news
11:40 p.m.—Midnight Matinee

MONDAY Programs

**440.9 Meters
680 Kcs.**

KPO

**Kearny 0704
5000 Watts**

Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m.—Health exercises with Professor Bob and "Wee Willie" Hancock
8 to 9 a.m.—The Shell Happytime, Hugh Barrett Dobbs
9:30 to 10 a.m.—Walter W. Cribbins
10 to 10:30 a.m.—Ann Warner's Home Chat
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 11:55 a.m.—Ye Towne Cryer
11:55 to 12:05 p.m.—Time signals, Scripture reading
12:05 to 1 p.m.—Snapshots—programs in miniature
1 to 1:20 p.m.—Harold Small, Book Review
1:20 to 1:30 p.m.—E. A. Pierce stock reports
2 to 2:30 p.m.—Mormon Tabernacle, NBC
2:30 to 3 p.m.—Pacific Coast School broadcast, NBC
3 to 3:15 p.m.—Helen Gordon Barker Art talk
3:45 to 4 p.m.—California State Chamber of Commerce
4 to 4:30 p.m.—Julia Hayes, "Helpful Hints"
4:30 to 5:20 p.m.—Children's Hour
5:20 to 5:30 p.m.—E. A. Pierce stock reports
5:30 to 5:45 p.m.—Date Book, edited by Stuart Strong
5:45 to 6 p.m.—News digest with "Scotty" Mortland
6 to 7 p.m.—Reo Masters of Music
7 to 8 p.m.—North Americans
8 to 9 p.m.—Shell Symphonists program, NBC
9 to 10 p.m.—Cecil and Sally; The Treadors
10 to 11 p.m.—Jesse Stafford's Palace Hotel Dance Orchestra

**285.5 Meters
1050 Kcs.**

KNX

**Hempstead 4101
5000 Watts**

L. A. Evening Express, Los Angeles, Calif.
6:45 to 8 a.m.—Physical exercises by Dr. P. M. Seixas
8 to 8:15 a.m.—Talk on "Belco"
8:15 to 8:30 a.m.—Inspirational talk & morning prayer
8:30 to 9 a.m.—Interesting information
9 to 9:30 a.m.—Georgia O. George, beauty talk
10 to 10:30 a.m.—"Be Young, Be Happy," Eddie Al-
10 to 11:15 a.m.—Bundy & Albright courtesy program
11:15 to 11:30 a.m.—Beauty secrets, Georgie Fifield
11:30 to 12 noon—First Radio Church of the Air
12 to 12:30 p.m.—"The Musical Lunch Box"
12:30 to 1 p.m.—C. P. R.'s musical program
1:30 to 2 p.m.—Reading interesting books
2 to 2:30 p.m.—Program of L. A. Eve. Exp. classified
2:30 to 3:30 p.m.—Matinee Symphony
3:30 to 4 p.m.—Organ program by Lucie Lee
4 to 4:30 p.m.—"Home Builders' Hour"
4:30 to 5 p.m.—C. P. R.'s musical program
5 to 5:15 p.m.—E. C. Griffith's talk on "Travel"
5:15 to 5:45 p.m.—Big Brother Ken's Kiddie Hour
5:45 to 6 p.m.—Town Cryer's timely amusement tips
6 to 6:30 p.m.—Organ program given by Lucie Lee
6:30 to 7:30 p.m.—KNX Symphony
7 to 7:30 p.m.—KNX musical program
7:30 to 8 p.m.—One-act play
8 to 9 p.m.—Feature program presenting Luboviski Trio
9 to 9:30 p.m.—Rio Grande Oil courtesy program
9:30 to 10 p.m.—The "Radio Detective"
10 to 12 midnight—Johnny Hamp and his Kentucky Serenaders

**296.6 Meters
1010 Kcs.**

KQW

**Columbia 777
500 Watts**

Pac. Agric. Foundation, Ltd., San Jose, Calif.
9 to 11 a.m.—California Market; Helpful Hour
11 to 12:15 p.m.—Bank Credits program; records
12:15 to 1 p.m.—Tom and Wash; market reports
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 p.m.—Julia Hayes' Helpful Hints
3 to 5 p.m.—Musical program; children's program
5 to 5:30 p.m.—Baron Keyes' Air Castle; music
5:30 to 6 p.m.—San Jose Radionics health talk
6 to 6:10 p.m.—U. S. D. A. farm flashes
6:10 to 6:20 p.m.—Farm topic discussions
6:20 to 6:30 p.m.—Terminal Market information
6:30 to 6:55 p.m.—Market reports; farm reporter
6:55 to 7 p.m.—KQW market report
7 to 8 p.m.—Farm Bureau news; Tom and Wash
8 to 9:30 p.m.—Studio program

**379.5 Meters
790 Kcs.**

KGO

**Sutter 1920
10,000 Watts**

General Electric Co., Oakland, Calif.

7:30 to 7:45 a.m.—Chanticleers
7:45 to 8 a.m.—The Aunt Jemima Boy
8 to 8:30 a.m.—Financial Service; tap dancing lesson
8:30 to 9 a.m.—Cross-Cuts of the Day
9 to 10:15 a.m.—Meet the Folks; Radio Ramblings
10:15 to 10:30 a.m.—Josephine B. Gibson, food talk
10:30 to 11:30 a.m.—Woman's Magazine of the Air
11:30 to 11:45 a.m.—NBC Philharmonic organ recital
11:45 to 12 noon—The Canny Cook
12 to 2 p.m.—Pacific Vagabonds; Rembrandt Trio
2 to 2:30 p.m.—Mormon Tabernacle choir and organ
2:30 to 3 p.m.—Pacific Coast School of the Air
3 to 3:30 p.m.—Rosalie Wolf; The World Today
3:30 to 4 p.m.—Roxy and His Gang
4:30 to 5 p.m.—Matinee Time; news service
5 to 5:30 p.m.—Maytag Orchestra
5:30 to 6 p.m.—General Motors Family Party
6 to 6:30 p.m.—Stromberg-Carlson program
6:30 to 7 p.m.—Empire Builders
7 to 7:30 p.m.—Hotel Governor Clinton Orchestra
7:30 to 7:45 p.m.—Amos 'n' Andy
7:45 to 8 p.m.—Literary Digest Prohibition Poll and latest world news flashes by Floyd Gibbons
8 to 9 p.m.—Musical Musketeers
9 to 9:30 p.m.—Voice of Firestone
9:30 to 10:30 p.m.—Harp Harmony; House of Myths
10:30 to 11 p.m.—Hot Spot of Radio
11 to 12 midnight—Laughner-Harris Hotel St. Francis Dance Orchestra

**508.2 Meters
590 Kcs.**

KHQ

**Main 5383
1000 Watts**

Louis Wasmer, Inc., Spokane, Washington

6:45 a.m.—Inspirational service; "Town Cryer"
7:45 a.m.—"Aunt Jemima's Boy," NBC
8 a.m.—The Shell Happytime, KPO
9 a.m.—Walt, Winn and Harvey
9:30 a.m.—"Hints to Hostesses"
10:15 a.m.—Josephine Gibson, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Organ recital; "The Canny Cook," NBC
12 noon—National Savings luncheon program
12:15 p.m.—"Studio Affairs"
12:30 p.m.—Gold Seal program
1 p.m.—"Dutch Maid"; "Headliners"
1:30 p.m.—"Hawaiian Echoes"; "Comedy Capers"
2 p.m.—"The Old Days"
2:30 p.m.—Pacific Coast School of the Air, NBC
3:25 p.m.—"Cecil and Sally"
3:35 p.m.—"Paint o' Mine" period; Service Hour
5 to 7:15 p.m.—NBC programs; sport news
7:15 p.m.—Hawarth and Lindberg
7:30 to 10:30 p.m.—NBC programs
10:30 p.m.—KHQ Salon Trio and John Carpenter, baritone
11 p.m.—"Just Another Hour"; "Ask for It"

**526 Meters
570 Kcs.**

KMTR

**Hollywood 3026
500 Watts**

KMTR Radio Corp., Hollywood, California

6 to 6:30 a.m.—Discovery Hour
6:30 to 7 a.m.—Charlotte Burgess, psychologist
7 to 9 a.m.—Breakfast Club and New Idea Man; Stock
9 to 9:15 a.m.—Mildred Kitchen, Home Economics
9:15 to 10 a.m.—Health Man
10 to 10:30 a.m.—Louise Howatt, Happiness Girl
10:30 to 11 a.m.—Tom Mitchell, requests
11 to 11:45 a.m.—Westlake String Ensemble
11:45 to 12 noon—Public and civic officials broadcast
12 to 1:15 p.m.—"World in Review"; Prosperity Hour
1:15 to 3 p.m.—Banjo Boys; records; Spanish program
3 to 4 p.m.—Palais Ballroom Orchestra
4 to 5:45 p.m.—Records; Trading Post program
5:45 to 6 p.m.—"Reporter of the Air"
6 to 6:30 p.m.—"Talk on Traffic"; organ recital
6:30 to 7 p.m.—Popular program
7 to 7:15 p.m.—Chamber of Commerce talk
7:15 to 7:30 p.m.—Roy Rockwood, baritone; Dorothy Compton, pianist
7:30 to 8 p.m.—"Dances of All Nations"
8 to 8:30 p.m.—Orchestra and vocalist
8:30 to 9 p.m.—Inez Small and her Little Syncopators
9 to 9:30 p.m.—"The Serenaders"
9:30 to 10 p.m.—"Happy Harry" and Rusco Pete
10 to 11 p.m.—Dance orchestra
11 to 12 midnight—"The 11th Hour Musical Revue"
12 to 1 a.m.—"8 Ball and Charlie Lung"

Radio Fever Curing Germ Diseases

NOT the fever for radio, but a fever caused by radio waves—short waves, squirted into the human body by powerful apparatus. This is the new curative property which has been accredited to radio by physicians who have been experimenting with its medical properties.

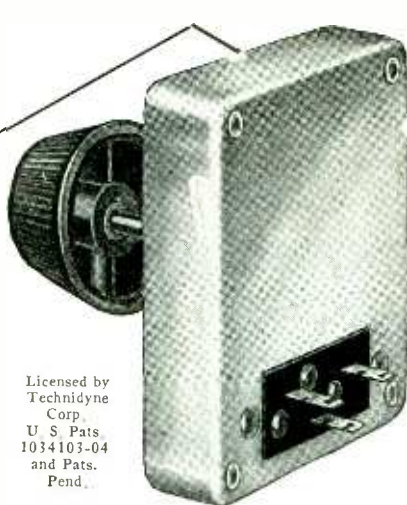
The short waves are produced by apparatus similar to that used to send code signals and voice around the world, with one exception—there is no antenna. Where the antenna would be, two condenser plates are substituted. The patient is seated between the plates and the powerful short-waves, directed to certain parts of his body.

The waves themselves have no curative value. But they produce, within the body, an intense fever, and this fever is utilized by the medical men to cure disease. Various methods of simulating a fever have been used in medicine, such as hot baths, the exposure of the body to high temperatures, and the like. The injection of a protein causes a fever. Sometimes, the injection of malaria germs will cause a fever.

The electrically induced fever, according to the experimenters, has none of the ill effects of the fevers induced by other means. The patient is suspended on a wooden framework with the plates of the condenser above and below him. The short waves are then turned on—waves of five or six meters in length, shot from an eight or ten kilowatt—10,000 watt—generator.

The apparatus used in the work is now available to the medical profession, and the work of those who have conducted the experiments is available as a guide to the users. The first tests were made on mice and flies and later human beings. Accredited medical institutions with experts in charge will be allowed to use the apparatus only, the plan being to keep it out of the hands of charlatans and malpractitioners, in whose hands much damage to patients might be done. The apparatus, in effect, is almost as dangerous as an X-ray tube when improperly handled.

Tests with the fever-producing waves has shown that the system is the best yet uncovered by medical research for the purpose for which it is intended. The apparatus is so constructed that it will not cause interference to broadcast receivers.



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TUESDAY Programs May 20, 1930



Paul Pitman NBC-1:30 p.m.

Table with 3 columns: TIME, STATION, PROGRAM. Header: ★ BEST BETS TODAY ★



Anna Kristina KFI and KECA- Staff Artist

243.8 Meters 1230 Kcys.

KYA

Prospect 3456 1000 Watts

Pacific Broadcasting Corp., San Francisco
9 to 11 a.m.—Recordings; Dr. Bowring
11 to 12 noon—California Sunshine Hour
12 to 1 p.m.—News; Tuesday Noon Club
1 to 2 p.m.—Classical recordings
2 to 3 p.m.—Bridge Party Hour
3 to 5:30 p.m.—Popular recordings; Sunset Hour
5:30 to 5:35 p.m.—Mining stock quotations
5:35 to 6 p.m.—Recorded program
6 to 6:30 p.m.—Song recital, with Nona Campbell and Claire Upshur
6:30 to 7 p.m.—Popular recorded program
7 to 7:30 p.m.—George Taylor and the Boys
7:30 to 7:45 p.m.—News; Harmonettes; Pop Questions
7:45 to 8 p.m.—"College Daze," with Toby and Babs
8 to 9 p.m.—Calendar of the Air, with Pacific Artists Trio and Gene Sullivan, soloist
9 to 10 p.m.—Paul Kelli's Lido Cafe Orchestra
10 to 11 p.m.—Pacific Artists Trio, with George Nickson, soloist
11 to 1 a.m.—Dance and request recordings

265.3 Meters 1130 Kcys.

KSL

Wasatch 3901 5000 Watts

Radio Service Corp., Salt Lake City, Utah
5 to 8 p.m.—National Broadcasting Co. programs
9:30 p.m.—Florsheim Frolic, NBC
10:15 p.m.—Drama period, under direction of Kathryn Howard
11 p.m.—"Vagabond of the Air"

483.6 Meters 620 Kcys.

KGW

Atwater 2121 1000 Watts

The Morning Oregonian, Portland, Oregon
6:45 a.m.—Devotions; Bagdad Theater organ
7:45 a.m.—Aunt Jemima, NBC; Breakfast Club
8 a.m.—Portland Breakfast Club
9 a.m.—Columbia National Bank; Town Cryer
10 a.m.—Ovaltine program
10:15 a.m.—Bass-Hueter program, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Masterworks
11:45 a.m.—The Canny Cook, NBC
12 noon—Powers Pied Piper
12:30 p.m.—Grand Central Marketeers
1:30 p.m.—School of the Air, NBC; Among Ourselves
2:45 p.m.—Black and Gold Room, NBC
3 p.m.—Voters' Service, NBC
3:30 p.m.—Musical Musketeers; Marian Miller
4:15 p.m.—Hotel St. Francis Orchestra
4:30 p.m.—Palace Laundry features
5 to 8:45 p.m.—National Broadcasting Co. programs
8:45 p.m.—Nunn-Bush program
9 p.m.—Don Amalzo, the Wizard
9:30 p.m.—Florsheim Frolic, NBC
10 p.m.—Cecil and Sally
10:15 p.m.—Gems of the Drama, NBC
11 to 12 midnight—Puget Sound Navigation Company

340.7 Meters 880 Kcys.

KLX

Lake 6000-6015 500 Watts

Tribune Publishing Co., Oakland, Calif.
6:30 to 7 a.m.—Records; N. Y. stocks
7 to 8 a.m.—Exercises and entertainment
8 to 9:30 a.m.—Jean Kent; Modern Homes
9:30 to 10:15 a.m.—Blue Jeans; records
10:15 to 10:30 a.m.—San Francisco stocks; weather
10:30 to 11 a.m.—Breuner's Radiola program
11 to 12 noon—Classified Adv. Hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2:35 p.m.—Jean's Hi-Lights; records
2:40 to 4:30 p.m.—Baseball: Oaks vs. San Francisco
4:30 to 5 p.m.—Chas. T. Besserer, organist
5 to 6 p.m.—Brother Rob's Club; Edgar Russell
6 to 7 p.m.—Hotel Oakland concert trio
7 to 8 p.m.—News items; Remar program
8 to 9 p.m.—Fleur de Lis Dance Orchestra
9 to 9:15 p.m.—Oakland School Department talk
9:15 to 10 p.m.—Helen Wegman Parmelee, pianist; Nerino Turchet, accordionist; Muriel Scherrulle, soprano
10 to 11 p.m.—Dance program

280.2 Meters 1070 Kcys.

KJBS

Ord 4148-49 100 Watts

J. Brunton & Sons, San Francisco, Calif.
7 to 8 a.m.—KJBS Alarm Klok Klub
8 to 10 a.m.—Popular records; orchestra music
10 to 12 noon—Infico program; recordings
12 to 1 p.m.—Popular half-hour; records
1 to 2:30 p.m.—Stock report; records
2:30 to 3:30 p.m.—Jack and Jill; records
3:30 to 4:30 p.m.—Restful period; city news
4:30 to 5:30 p.m.—Concert music; Sunset Revue
5:30 to 7:15 p.m.—Popular recordings
12:01 to 7 a.m.—All night broadcast

309.1 Meters 970 Kcys.

KJR

Main 2495-2475 5000 Watts

Northwest Broadcasting System, Seattle, Wash.
7 a.m.—Organ concert: Egyptian Theatre
9:30 a.m.—Morning devotional services
12 noon—World in review; musical program
2 p.m.—Marjorie Robillard and Chet Cathers
3 p.m.—Baseball game; Ken Stuart, announcer
5:15 p.m.—Baron Keyes' Air Castles; market reports
5:40 p.m.—Lost and found articles; Garden talk
6 p.m.—Dirigo Dittrich, mandolin; Glen Eaton, tenor; Elmore Vincent, tenor
7 p.m.—Betty Andersen, soprano; Hubert Graf, harp; Jean Kantner, baritone; Mabel Mohrman
8 p.m.—Gold and Silver Ensemble; J. E. Drain, speaker
9 p.m.—Betty Anderson, soprano; Sydney Dixon, tenor; Jean Kantner, baritone; Betty Harding, Vance Gerber, duo
10 p.m.—Ken Stuart's Sunshine program
10:30 p.m.—Song Birds; Stonewall Jackson, guitar
11 p.m.—Vic Meyers' Club Victor Orchestra
12 midnight—Midnight Revellers

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TUESDAY Programs

San Francisco

NBC

Sutter 1920

National Broadcasting Company

- 7:45 to 8 a.m.—The Aunt Jemima Boy, KGO, KHQ, KOMO, KGW, KECA, KSL, KOA.
- 9 to 9:30 a.m.—Meet the Folks, KGO; KOMO, 9:15 to 9:30 a.m.
- 9:30 to 9:45 a.m.—William Don, KGO, KOMO
- 9:45 to 10:15 a.m.—The Entertainers, KGO; KOMO, 10 to 10:15 a.m.
- 10:15 to 10:30 a.m.—Color Harmony Program, KGO, KHQ, KOMO, KGW, KFI
- 10:30 to 11:30 a.m.—Woman's Magazine of the Air, KGO, KHQ, KOMO, KGW, KPO, KFI; KSL, 11:10 to 11:30 a.m.
- 11:45 to 12 noon—The Canny Cook, KGO, KHQ, KOMO, KGW, KECA, KSL, KOA
- 1 to 1:30 p.m.—The Lady Next Door, KGO, KPO
- 1:30 to 2 p.m.—Pacific Coast School of the Air, KGO, KHQ, KGW, KPO

The actual dollars and cents value of education will be pointed out in a talk entitled, "Investing in Yourself," to be given by Leroy R. Goodrich.

- 2:30 to 3 p.m.—Bernie Cummins and His Hotel New Yorker Orchestra, KGO; KGW, 2:45 to 3 p.m.
- 3 to 3:30 p.m.—Voters' Service, KGO, KOMO
The topic announced is, "Probable Effects of the New Tariff Bill on Farm, Factory, Foreign Commerce and Coming Elections," to be discussed by three speakers.

- 5 to 5:30 p.m.—Eveready Program, KGO, KHQ, KOMO, KGW, KFI

A half-hour Eveready program will be released over the NBC coast-to-coast system today, the presentation originating in New York City.

- 5:30 to 6 p.m.—Happy Wonder Bakers, KGO, KHQ, KOMO, KGW, KECA

The Happy Wonder Bakers, instrumentalists, singers and all, will contribute to the ether entertainment.

- 6 to 6:30 p.m.—Westinghouse Salute, KGO, KHQ, KOMO, KGW, KECA
Cesare Sodera will be in the conductor's stand tonight to lead a symphonic orchestra in the opening selection of another Westinghouse Salute presentation.

- 6:30 to 7:30 p.m.—Radio Keith Orpheum Hour, KGO, KHQ, KOMO, KGW, KECA

Some of the most popular vaudeville performers of the "big time" circuits will participate in this presentation. Of the regulars on this program to assist the visiting celebrities there will be Margaret Schilling, soprano; Peter Higgins, tenor; Tom Kennedy, Milton Schwarzwald's R-K-Ollans and Graham McNamee, master of ceremonies.

- 7:30 to 7:45 p.m.—Amos 'n' Andy, KGO, KHQ, KOMO, KGW, KECA

- 7:45 to 8 p.m.—Literary Digest Prohibition Poll and Latest World News Flashes, interpreted by Floyd Gibbons, KGO, KHQ, KOMO, KGW, KECA

- 8 to 8:15 p.m.—Parks Sisters, KGO, KGW
- 8:15 to 8:30 p.m.—John and Ned, KGO, KGW

- 8:30 to 9 p.m.—Pacific National Singers, KGO, KHQ, KOMO; KGW, KOA, 8:30 to 8:45 p.m.

What is believed to be the first eight-voice arrangement ever made of Rimsky-Korsokoff's haunting "Song of India" will be offered tonight. Emil Polak, director of this double mixed quartet, has made the arrangements of this song as well as the others on the program.

- 9 to 9:30 p.m.—The Magic Crystal, KGO, KHQ, KOA
H. De Sousa, European magician and a new personality in radio, will be the high light of the Magic Crystal offering tonight.

- 10 to 11 p.m.—Gems of the Drama, KGO, KOA; KGW, 10:15 to 11 p.m.
Henrik Ibsen's celebrated play, "A Lady from the Sea," marks the opening of a new series of Gems of the Drama plays.

- 11 to 12 midnight—Laughner-Harris Hotel St. Francis Orchestra, KGO; KOMO, 11:30 to 12 p.m.

379.5 Meters
790 Kcys.

KGO

Sutter 1920
10,000 Watts

General Electric Co., Oakland, Calif.

- 7:30 to 8 a.m.—Chanticleers; The Aunt Jemima Boy
- 8 to 8:15 a.m.—Financial Service program
- 8:15 to 8:30 a.m.—Tap dancing lesson
- 8:30 to 9 a.m.—Cross-Cuts of the Day
- 9 to 9:30 a.m.—Meet the Folks
- 9:30 to 10:15 a.m.—William Don; The Entertainers
- 10:15 to 10:30 a.m.—Color Harmony program
- 10:30 to 11:30 a.m.—Woman's Magazine of the Air
- 11:30 to 11:45 a.m.—Philharmonic organ recital
- 11:45 to 12 noon—The Canny Cook
- 12 to 1 p.m.—The Novelty Five
- 1 to 1:30 p.m.—The Lady Next Door
- 1:30 to 2 p.m.—Pacific Coast School of the Air
- 2 to 2:30 p.m.—Black and Gold Room Orchestra
- 2:30 to 3 p.m.—Bennie Cummins and his Hotel New Yorker Orchestra
- 3 to 3:30 p.m.—Voters' Service
- 3:30 to 4 p.m.—Lew White organ recital
- 4 to 4:45 p.m.—Hotel St. Francis Salon Orchestra
- 4:45 to 5:30 p.m.—News Service; Eveready program
- 5:30 to 6 p.m.—Happy Wonder Bakers
- 6 to 6:30 p.m.—Westinghouse Salute
- 6:30 to 7:30 p.m.—Radio-Keith-Orpheum Hour
- 7:30 to 7:45 p.m.—Amos 'n' Andy
- 7:45 to 8 p.m.—Literary Digest Prohibition Poll
- 8 to 8:30 p.m.—Parks Sisters; John and Ned
- 8:30 to 9 p.m.—Pacific National Singers
- 9 to 9:30 p.m.—The Magic Crystal
- 9:30 to 10 p.m.—Musical Musketeers
- 10 to 11 p.m.—Gems of the Drama
- 11 to 12 midnight—Laughner-Harris Hotel St. Francis Dance Orchestra

254.1 Meters
1180 Kcys.

KEX

Atwater 3111
5000 Watts

Western Broadcasting Co., Portland, Ore.

- 7 a.m.—Morning Serenaders
- 8 a.m.—The Clock; Oregon Journal news
- 9 a.m.—Piano concert by Ronald Buck
- 10 a.m.—Castle organ concert
- 10:30 a.m.—Shopping service featuring Allen Daniels
- 12 noon—Time; weather reports; World Bookman
- 12:05 p.m.—Happy Hour Girls
- 1:05 p.m.—Newscasting; Alice Allison, banjoist
- 1:30 p.m.—Castle organ concert
- 2 p.m.—Dental lecture; The Bookworm
- 3 p.m.—Afternoon matinee of recordings
- 4:30 p.m.—Negro melodies; Children's Hour; Bulletin
- 6 p.m.—Around the world with Captain Salisbury
- 6:15 p.m.—Popular orchestra; Motor Playmates
- 8 p.m.—Popular dance concert
- 9 p.m.—Musical Comedy Hour; Betty Andersen, soprano; Sydney Dixon, tenor; Jean Kantner, baritone; Betty Harding, Vance Gerber, duo; NBS
- 10 p.m.—Thomas and Tessie; records
- 10:30 p.m.—Jack and Jill Tavern Orchestra
- 11:30 p.m.—Time; weather; police reports; news
- 11:40 p.m.—Midnight Matinee

239.9 Meters
1250 Kcys.

KFOX

Phone: 672-81
1000 Watts

Nichols & Warinner, Long Beach, Calif.

- 5 to 12:45 p.m.—Music, talks and news items
- 12:45 to 1:30 p.m.—Cherrio Boys; Kiwanis luncheon
- 1:30 to 2:20 p.m.—Cherrio Boys; Doris & Clarence
- 2:20 to 3 p.m.—Rolly Wray; Harmony Boys
- 3 to 3:15 p.m.—Pianistic Pansy
- 3:15 to 3:30 p.m.—Today in History
- 3:30 to 4:15 p.m.—Organ recital; late news
- 4:15 to 4:30 p.m.—Rolly & Gene
- 4:30 to 4:45 p.m.—Violets Tiny Tots Hour
- 4:45 to 5 p.m.—Jones Harmony Four
- 5 to 6:15 p.m.—Hollywood Girls; "Em & Clem"
- 6:15 to 6:45 p.m.—Percy at the Phone; Harmony Boys
- 6:45 to 7 p.m.—Dr. Robert Williams
- 7 to 7:15 p.m.—Buttercream School Kids
- 7:15 to 7:30 p.m.—Ezra and Able
- 7:30 to 7:45 p.m.—Vest Pocket Minstrels
- 7:45 to 8:30 p.m.—Cherrio Boys; The Gossipers
- 8:30 to 9 p.m.—Cherrio Boys; Polly Ann
- 9 to 9:30 p.m.—Foster and Doris; organ recital
- 9:30 to 10 p.m.—Everett Hoagland's Troubadours
- 10 to 11 p.m.—Young Folks at Home
- 11 to 12 midnight—Majestic Ballroom Orchestra
- 12 to 1 a.m.—Everett Hoagland Troubadours
- 1 to 3 a.m.—The Knight Fox

TUESDAY Programs

**440.9 Meters
680 Kcys.**

KPO

**Kearny 0704
5000 Watts**

Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m.—Health exercises, with Professor Bob and "Wee Willie" Hancock
8 to 9 a.m.—Shell Happytime, Hugh Barrett Dobbs
9:30 to 10 a.m.—Walter W. Cribbins
10 to 10:30 a.m.—Ann Warner's Home Making Chat
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 11:55 a.m.—Ye Towne Cryer
11:55 to 12:05 p.m.—Time signals, Scripture reading
12:05 to 1 p.m.—Snapshots—programs in miniature
1 to 1:30 p.m.—The Lady Next Door, NBC
1:30 to 2 p.m.—Pacific Coast School broadcast, NBC
2 to 2:10 p.m.—E. A. Pierce stock reports
2:10 to 2:45 p.m.—California Crooners; Auburn Girl
2:45 to 3:30 p.m.—Get Associated with Baseball
4:30 to 5:20 p.m.—Children's Hour
5:20 to 5:30 p.m.—Stock market quotations
5:30 to 5:45 p.m.—Date Book, edited by Stuart Strong
5:45 to 6 p.m.—News digest, "Scotty" Mortland
6 to 7 p.m.—Reo Masters of Music
7 to 8 p.m.—North Americans
8 to 8:30 p.m.—Scrap Book program with Fredric Bittke, baritone
8:30 to 9 p.m.—KPO Salon Orchestra with G. Donald Gray in readings
9 to 9:15 p.m.—Cecil and Sally
9:15 to 9:30 p.m.—Meeting in the Tavern
9:30 to 10 p.m.—"Packard Program," KPO and KFI
10 to 11 p.m.—Joe Wright's Silver Slipper Dance Orchestra

**315.6 Meters
950 Kcys.**

KFWB

**Hollywood 0315
1000 Watts**

Warner Brothers, Hollywood, California
8:30 to 10 a.m.—Orpheus Sextet and the Feature Trio
10 to 10:30 a.m.—Ted Dahl's Orchestra
10:30 to 11:30 a.m.—Jean Cowan and Syncopators
11:30 to 12:30 p.m.—String orchestra; Nelson Case, soloist
12:30 to 2:10 p.m.—Variety Serenaders; Boswell Sisters
2:10 p.m.—Baseball game; Johnny TeGreen's Band
6 to 6:30 p.m.—Pacific Salon Orchestra
6:30 to 7 p.m.—Harry Jackson's Entertainers
7 to 7:10 p.m.—Cecil & Sally, "The Funniest Things"
7:10 to 7:30 p.m.—Julius K. Johnson, organist
7:30 to 8 p.m.—Edward Murphey presenting a recreated world's series baseball game
8 to 9 p.m.—The Southlanders; Boswell Sisters
9 to 9:30 p.m.—The Edgewater Plantation Club
9:30 to 10:30 p.m.—Main bout from the Olympic Auditorium
10:30 to 11 p.m.—Irving Aaronson's Commanders
11 to 11:30 p.m.—Ben Bernie's Orchestra

**333.1 Meters
900 Kcys.**

KHJ

**Vandike 7111
1000 Watts**

Don Lee, Inc., Los Angeles, California
7 to 8 a.m.—Stocks; records; Cole & Coke
8 to 9:15 a.m.—CBS Review and Yoeng's Orchestra
9:15 to 10:45 a.m.—Records; Feminine Fancies, KFRC
10:45 to 11 a.m.—Agnes White, Home Economics
11 to 12 noon—Recordings; Normalizer Sales Syndicate
12 to 12:30 p.m.—Biltmore Hotel Concert Orchestra
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:30 p.m.—L. A. Advertising Club luncheon
1:30 to 2 p.m.—Times Forum
2 to 3 p.m.—Happy Go Lucky Hour, KFRC
3 to 3:45 p.m.—Western Air Express; talks
3:45 to 4 p.m.—U. S. C. Trojan period
4 to 4:45 p.m.—Novelty program, DLBS
4:45 to 5 p.m.—World-wide news; Town Topics
5 to 6 p.m.—Mardi Gras, CBS
6 to 6:30 p.m.—"Jo and Vi," CBS
6:30 to 7 p.m.—Thompson's Malted Milk, CBS
7 to 8 p.m.—Don Lee Symphony
8 to 8:30 p.m.—Ice Carnival, KFRC
8:30 to 9 p.m.—Song recital, DLBS
9 to 9:30 p.m.—Don Lee Concert Orchestra
9:30 to 10 p.m.—Van C. Newkirk Continuity
10 to 10:05 p.m.—World-wide news, courtesy Times
10:05 to 12 midnight—Biltmore Hotel Dance Orchestra
12 to 1 a.m.—Wesley Tourtellotte's organ recital

**322.4 Meters
930 Kcys.**

KROW

**Glencourt 6774
1000 Watts**

Educational Broadcasting Corp., Oakland, Calif.
8 a.m.—Wade Forrester, Health Questions; Gloom Chasers' Orchestra; the Tropical Trio
11 a.m.—Classical recordings
11:30 a.m.—Retail Grocers' Association
1:30 p.m.—Music Memories, Lillian Boyd
2 p.m.—Studio program; Household Hints
3:30 p.m.—Bill Simmons, "Yodeling Cowboy;" Eddie McCarty, harmonica; Slim Fey, violinist
4 p.m.—Studio program; Dentpro Hour
4:30 p.m.—Fox West Coast Theaters Frolie
5 p.m.—Wade Forrester's Hour of Sunshine
7:30 p.m.—Complete baseball results
7:45 p.m.—"The Ne'er Do Well"
8 p.m.—Radio Bible study class
8:30 p.m.—The Campfire program
10 p.m.—Union Mutual Life program
10:05 p.m.—Dance orchestra

**322.4 Meters
930 Kcys.**

KFWI

**Franklin 0200
500 Watts**

Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Frank Roefer's morning exercises
9 to 9:30 a.m.—Cal King's Post Office program
9:30 to 10 a.m.—Popular recordings & announcements
10 to 10:30 a.m.—Sally Lewis, concert pianist
10:30 to 10:50 a.m.—Dr. Lineberger, health talk
10:50 to 11 a.m.—Items of interest
12 to 12:45 p.m.—Popular program and announcements
12:45 to 1 p.m.—Dr. E. A. Wiseman, health questions
1 to 1:30 p.m.—Cal King's Country Store
6 to 7 p.m.—Dinner Hour program
7 to 7:30 p.m.—Coast Auto popular program
11 to 1 a.m.—Dance music; Midnight Classics

**468.5 Meters
640 Kcys.**

KFI

**Westmore 0337
5000 Watts**

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7:30 a.m.—Market reports; Gertrude Gussell, ballads
7:45 a.m.—Gertrude Gussell, ballads
8 a.m.—Shell Happytime from KPO
9 a.m.—Bess Kilmner's Helpful Hints to Housewives
9:30 a.m.—Sylvia's Happy Hour
10:15 a.m.—Bass-Hueter Paint Co., NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:45 a.m.—English lesson, Ayra Drew
12 noon—U. C. and U. S. Dept. of Agriculture talk
12:15 p.m.—Federal and state market reports
2:15 p.m.—Winnie Fields Moore, "Travelogue"
2:30 p.m.—Grace Hamilton and Jack Stern, duets
3 p.m.—Jack Parker, ballads
3:30 p.m.—Wedgewood Nowell, "Playgoers' Memories"
4:15 p.m.—KFI News Bureau
4:30 p.m.—Big Brother; The Story Man
5 p.m.—Eveready program, NBC
5:30 p.m.—American Chiropractic Association
5:45 p.m.—Stock market reports
6 p.m.—Two Shades of Blue, Mart and Lill
7 p.m.—Bob and Monte; concert ensemble
7:30 p.m.—Remote control from Ray West Cafe
8 p.m.—Adohr Opera of the Air
10:30 p.m.—Remote control from Cafe Max Fisher

**508.2 Meters
590 Kcys.**

KHQ

**Main 5383
1000 Watts**

Louis Wasmer, Inc., Spokane, Washington
6:45 a.m.—Inspirational service; "Town Cryer"
7:45 a.m.—"Aunt Jemima's Boy," NBC
8 a.m.—The Shell Happytime, KPO
9 a.m.—Walt, Winn and Harvey
9:30 a.m.—"Hints to Hostesses"
10 a.m.—Home Service Hour
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Organ recital; Canny Cook, NBC
12 noon—Chamber of Commerce luncheon
1 p.m.—"Dutch Maid"; "Headliners"
1:30 p.m.—Pacific Coast School of the Air, NBC
2:30 p.m.—Gems from musical comedy
3 p.m.—Light music; "Cecil and Sally"
3:30 p.m.—"Paint o' Mine" period
4 p.m.—Service Hour
5 to 8 p.m.—NBC programs
8 p.m.—Tenor, contralto and piano
8:30 p.m.—Pacific National Singers, NBC
9 p.m.—"The Magic Crystal," NBC
11 p.m.—"Just Another Hour"; "Ask for It"

TUESDAY Programs

**491.5 Meters
610 Kcys.**

KFRC

**Prospect 0100
1000 Watts**

Don Lee, Inc., San Francisco, Calif.

- 7 to 8 a.m.—Seal Rocks broadcast
- 8 to 8:30 a.m.—Columbia Revue, CBS; stocks
- 8:30 to 9:30 a.m.—Yoeng's Orchestra, CBS; news
- 9:30 to 10:30 a.m.—Feminine Fancies
- 10:30 to 11 a.m.—Wyn's Daily Chats
- 11 to 11:30 a.m.—Columbia Ensemble, CBS
- 11:30 to 12 noon—Columbia educational features, CBS
- 12 to 1 p.m.—Sherman & Clay noonday concert
- 1 to 1:30 p.m.—Rhythm Kings Dance Orchestra, CBS
- 1:30 to 2 p.m.—Bert Lown's Biltmore Orchestra, CBS
- 2 to 3 p.m.—Happy Go Lucky Hour, DLBS
- 3 to 3:25 p.m.—Beauty talks; recordings
- 3:25 to 3:30 p.m.—Something About Everything
- 3:30 to 3:45 p.m.—"Heroines of Fiction"
- 3:45 to 4 p.m.—Bernhard Levitow's Commodore Ensemble, CBS
- 4 to 4:45 p.m.—Lindsey MacHarrie, Elvia Allman, novelty program, DLBS
- 4:45 to 5 p.m.—News items; Town Topics
- 5 to 6 p.m.—Mardi Gras, CBS
- 6 to 6:30 p.m.—"Joe and Vi," CBS
- 6:30 to 7 p.m.—Thompson's Malted Milk, CBS
- 7 to 7:15 p.m.—Edna Fischer, "Piano Moods"
- 7:15 to 7:30 p.m.—The Joy Boys—Art Fadden and Frank Galvin
- 7:30 to 8 p.m.—KFRC Dance Band
- 8 to 9 p.m.—Ice Carnival; song recital, DLBS
- 9 to 9:30 p.m.—Sierra Symphonists, DLBS
- 9:30 to 10 p.m.—Ballad Crooners, DLBS
- 10 to 10:10 p.m.—"Frank Watanabe," Eddie Holden
- 10:10 to 12:10 a.m.—Val Valente's Orchestra, DLBS
- 12:10 to 1 a.m.—Dance music

**204 Meters
1470 Kcys.**

KGA

**Main 3434
5000 Watts**

Northwest Broadcasting System, Spokane, Wash.

- 8 a.m.—Popular music; news; Central Market program
- 9 a.m.—Central market program
- 9:30 a.m.—Miss Spokane musicale; Friendly Hour
- 11 a.m.—Crescent Manufacturing Co. program
- 11:15 a.m.—Commercial Creamery's luncheon concert
- 12 noon—Riegel Bros. concert
- 1 p.m.—Gold Seal program; dental clinic
- 2 p.m.—Hillyard Shopping Guide
- 2:30 p.m.—Popular Melange; bargain matinee
- 3:30 p.m.—Concert; Good News Magazine
- 4:30 p.m.—Uncle Andy and the kiddies
- 5 p.m.—Musical novelties; Air Castles, Barron Keyes
- 5:15 p.m.—Baron Keyes' Air Castles; music
- 6 p.m.—Diggo Dittrich, mandolin; Glen Eaton, tenor; Elmore Vincent, tenor
- 7 p.m.—Orpheus Ensemble; Betty Andersen, soprano; Hubert Graf, harp; Jean Kantner, baritone; Mabel Mohrman, piano
- 8 p.m.—Popular concert orchestra
- 8:45 p.m.—The Story Behind the Song
- 9 p.m.—Musical Comedy Hour; Betty Andersen, soprano; Sydney Dixon, tenor; Jean Kantner, baritone; Betty Harding, Vance Gerber, duo
- 10 p.m.—Request program

**296.6 Meters
1010 Kcys.**

KQW

**Columbia 777
500 Watts**

Pac. Agric. Foundation, Ltd., San Jose, Calif.

- 9 to 10:30 a.m.—California Market; Helpful Hour
- 10:30 to 11 a.m.—Julia Hayes, Helpful Hints
- 11 to 11:50 a.m.—Bank Credits program
- 11:50 to 12:30 p.m.—Recordings; Tom and Wash
- 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 5 p.m.—Music; Children's program
- 5 to 5:30 p.m.—Baron Keyes' Air Castle; music
- 5:30 to 6 p.m.—San Jose Radionics health talk
- 6 to 6:10 p.m.—U. S. D. A. farm flashes
- 6:10 to 6:20 p.m.—Farm topic discussions
- 6:20 to 6:30 p.m.—Agricultural Minerals
- 6:30 to 6:55 p.m.—Market reports; farm reporter
- 6:55 to 7 p.m.—KQW Market Place
- 7 to 8 p.m.—Farm Bureau news; Tom and Wash
- 8 to 10 p.m.—"You Never Can Tell" program

**535.4 Meters
560 Kcys.**

KTAB

**Garfield 4700
1000 Watts**

Pickwick Broadcasting Co., Oakland, Calif.

- 6:30 to 7 a.m.—Studio program; health exercises
- 7 to 8 a.m.—Studio program; Frank Wright & Barney Lewis
- 8 to 9 a.m.—Masters Album; health talk
- 9 to 9:30 a.m.—Morning Prayer Hour
- 9:30 to 10 a.m.—Dr. J. Douglas Thompson
- 10 to 10:30 a.m.—Household Hour with Alma La Marr
- 10:30 to 11 p.m.—Dr. B. L. Corley; studio program
- 1 to 1:45 p.m.—Chapel of Chimes; records
- 1:45 to 2:40 p.m.—Dr. Forrester; recordings
- 2:40 to 4:45 p.m.—Baseball from Recreation Park
- 4:45 to 5 p.m.—Studio program
- 5 to 5:15 p.m.—The Story Man and His Air Castle
- 5:15 to 6 p.m.—Brother Bob's Frolic Hour
- 6 to 6:30 p.m.—"Date Book" program; studio program
- 6:30 to 7 p.m.—Chapel of Chimes
- 7 to 7:30 p.m.—Louis Margie's Hawaiians
- 7:30 to 7:45 p.m.—"Pianistic Pictures in Blue"
- 7:45 to 8 p.m.—"Would You Believe It" program
- 8 to 9 p.m.—"Flashlights of Yesterday"
- 9 to 10:30 p.m.—Melody Quintette; "Organ Echoes"
- 10:30 to 11:30 p.m.—Sweet's Ballroom Orchestra
- 11:30 to 1 a.m.—Dance records

**325.9 Meters
920 Kcys.**

KOMO

**Elliot 5890
1000 Watts**

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

- 7:40 a.m.—Inspirational services
- 7:45 a.m.—Aunt Jerima Boy, NBC
- 8 a.m.—Shell Happytime, KPO
- 9 a.m.—Gordon and Mary
- 9:15 a.m.—Meet the Folks, NBC
- 9:30 a.m.—Wm. Don; Entertainers, NBC
- 10:15 a.m.—Pass-Hueter Paint program, NBC
- 10:30 a.m.—Woman's Magazine of the Air, NBC
- 11:30 a.m.—Associated Oil Co. Orchestra
- 11:45 a.m.—The Hour of Canny Cook, NBC
- 12 noon—U. S. farm talk; Prudence Penny
- 12:30 p.m.—Orchestra and vocalists
- 1:30 p.m.—Pacific Coast School of the Air, KPO
- 2 p.m.—Artistic Ensemble; orchestra
- 3 p.m.—Voters' Service, NBC; music
- 4 p.m.—Totem Broadcasters; stock quotations
- 4:15 p.m.—Artistic Ensemble
- 5 to 8 p.m.—NBC programs
- 8 p.m.—G. F. Willis Co., Sargan program
- 8:30 p.m.—Pac. National Singers, NBC
- 9 p.m.—Orchestra and vocalists
- 10 p.m.—Gold Shield Little Symphony Hour
- 11 p.m.—Popular orchestra
- 11:30 p.m.—Laughner-Harris Dance Orchestra, NBC
- 12 midnight—Theater organ recital

**285.5 Meters
1050 Kcys.**

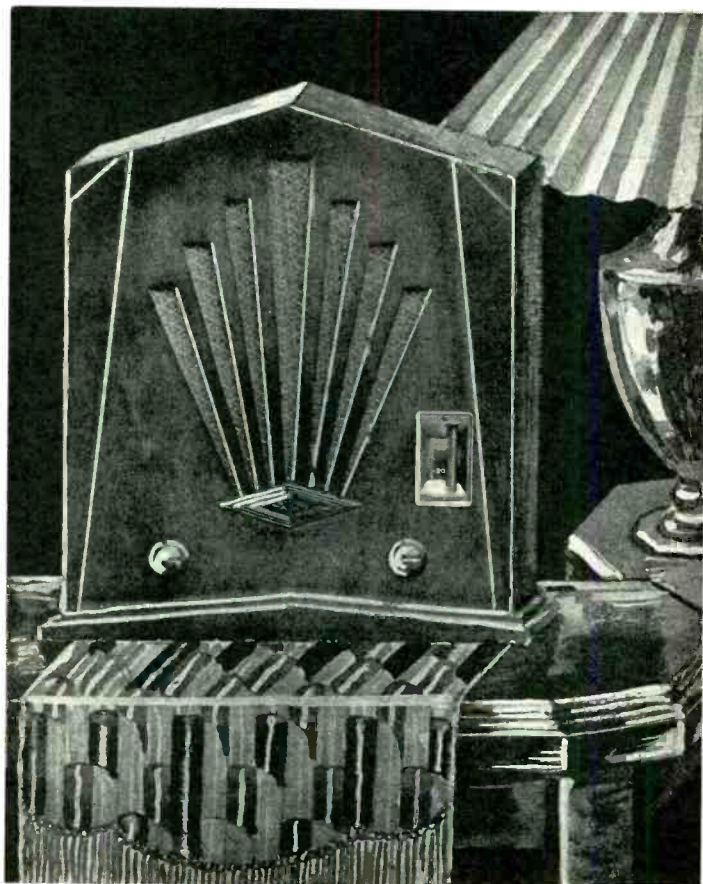
KNX

**Hempstead 4101
5000 Watts**

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

- 6:45 to 8 a.m.—Physical exercises by Dr. P. M. Seixas
- 8 to 8:15 a.m.—Musical program of recordings
- 8:15 to 8:30 a.m.—Inspirational talk & morning prayer
- 8:30 to 9:30 a.m.—Musical program; recordings
- 9:30 to 10 a.m.—Radio shopping news
- 10 to 10:30 a.m.—"Be Young, Be Happy," Eddie Al-bright's "family"
- 10:30 to 11 a.m.—Household economics
- 11 to 12 noon—Concert hour of symphonic numbers
- 12 to 12:30 p.m.—"The Musical Lunch Box"
- 12:30 to 1 p.m.—C. P. R.'s musical program
- 1:30 to 2 p.m.—Reading interesting books
- 2 to 2:30 p.m.—Program of L. A. Eve. Exp. classified
- 2:30 to 3:23 p.m.—Los Angeles Firemen's Orchestra
- 3:30 to 4 p.m.—Organ program by Lucie Lee
- 4 to 4:30 p.m.—KNX musical program
- 4:30 to 5 p.m.—C. P. R.'s musical program
- 5 to 5:15 p.m.—E. C. Griffith's talk on "Travel"
- 5:15 to 5:45 p.m.—Big Brother Ken's Kiddie Hour
- 5:45 to 6 p.m.—Town Cryer's timely amusement tips
- 6 to 6:30 p.m.—Organ program given by Lucie Lee
- 6:30 to 7 p.m.—KNX Little Symphony
- 7 to 7:30 p.m.—Talk by Dr. Mars Baumgardt
- 7:30 to 8 p.m.—"The Old Cedar Chest"
- 8 to 8:30 p.m.—"Hap and Sap," the royal vagabonds
- 8:30 to 9 p.m.—KNX feature musical program
- 9 to 9:30 p.m.—"The Adventurers"
- 9:30 to 10 p.m.—Puritan Malt Company program
- 10 to 12 midnight—Johnny Hamp and his Kentucky Serenaders

All Aboard



Radio music

The
SET
SUPREME

for

- SUMMER CABIN
- COUNTRY HOME
- MOUNTAIN LODGE
- SMALL APARTMENT
- HOTEL ROOM
- CLUB ROOM
- STUDENT'S ROOM
- THE DEN
- THE BEDROOM
- PORTABLE USE
- TRAVELING
- WHEREVER A COMPACT, EASILY-MOVED SET IS REQUIRED.

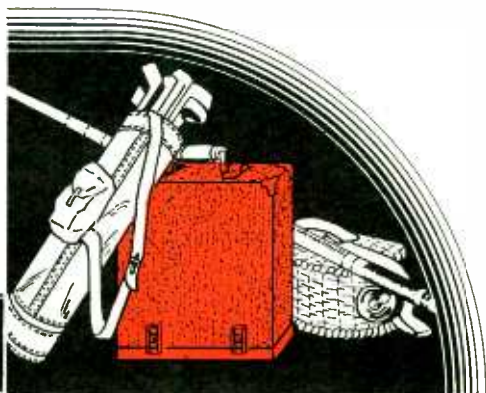
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**JACKSON
BELL**

MODEL "60" ALL-ELECTRIC RECEIVER

for summer fun

wherever you are...or go



**New JACKSON BELL model "60"
all-electric "Midget" Radio, with
dynamic speaker & 7 A. C. tubes**

**\$ 59⁵⁰
Complete**

UNBELIEVABLY compact, this marvelous JACKSON-BELL "Midget," only 9" x 13" x 15", entirely self-contained including speaker and 7 tubes. Fits anywhere. Stows away snugly in the car on a trip. Take it out and have music wherever you stop, latest market reports, and everything on the air. So beautiful it is a credit in any surroundings. So sturdy it stands rough treatment . . . shielded steel chassis. And a marvelous performer . . . genuine screen grid circuit, electro-dynamic speaker, and push-pull amplification. Think how much joy and pleasure it will bring . . . this summer . . . all the year. And all for only \$59.50 complete, except portable case. The biggest value in radio. Say JACKSON-BELL to your radio dealer TODAY.

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H. R. CURTISS CO.—Northern California Distributor

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1930 1931 1932 1933 1934 1935 1936 1937 1938 1939



Will You Be Clerk or Manager Ten Years from Now?

SURELY, this could never happen to *me*," you say—"that I should be sitting at the same desk—be doing the same work, *for ten straight years!*"

But wait a minute—

Exactly the same thing is happening to thousands upon thousands of men throuth the country. It has probably happened to men right in the company you now are working for. *And—unless you deliberately fit yourself for a better job—there is a very good chance that it will happen to you!*

Unthinkable? That's what R. M. Whitney, of Rochester, N. Y., said to himself. Yet lack of training kept him slaving away at low wages for more than twenty years . . .

Trebled His Salary in Three Years

—For more than twenty years, till finally, at the age of 47, and still receiving only thirty dollars a week, R. M. Whitney resolved to be a bookkeeper no longer. He enrolled with LaSalle for training in Higher Accountancy, and completed the course. Almost immediately came the offer of a bigger job.

Less than three years later, the Davenport Machine Tool Company—the very company he had worked for as a clerk—invited him to come back. He returned as Auditor, at a salary-increase of better than 300 per cent.

Today, he is Treasurer of this great company: and in a letter to LaSalle, after commenting on the opportunities LaSalle affords to men in their forties or early fifties, he adds, "And for the young man, who is just getting a foothold in the business world, LaSalle Extension University training is the most profitable investment he could make."

Says Good-bye to Clerkship—Now Heads Successful Firm

We have told you about a man who *waited*—at a cost to himself of probably not less than \$100,000. Now consider the experience of a younger man—G. Roy Eshelman, of Decatur, Illinois—

Eshelman was occupying a subordinate position in the purchasing department of a manufacturing concern—salary \$16 a week. Visualizing the opportunities for skilled accountants, he enrolled with LaSalle for training in Higher Accountancy.

"Thru this training," writes Mr. Eshelman, "I became interested in the Auditing Department and often remained after working hours watching the Auditor at his work. Observing my interest, he soon placed me in his department at a 50% increase in pay, and as I progressed with my LaSalle work, I was shortly rewarded with an additional 40% increase.

"My studies rapidly equipped me to strike out for myself, and at present I have an extensive practice as a Public Accountant, employing four accountants. It is sufficient to say that my present income is many, many times greater than when I enrolled."

Send For These Two Books and Start Toward Real Success

Need you hear more before you investigate the opportunities in Accountancy? Shall we tell you about Pentland—or Gray—or McDuffie—all of them commanding incomes better than \$10,000 a year and all of them still in their thirties?

Or will you face the problem of your future NOW—and send to LaSalle and get further facts and particulars?

Without cost or obligation, the coupon will bring you two books—one a 64-page book entitled, "Accountancy, the Profession that Pays;" the other, "Ten Years' Promotion in One."

How about those next ten years—will you wait, or will you START TODAY to realize the opportunities that lie ahead of you thru sound and practical home-study business training?

Measure your grit and ambition by what you do with this coupon—NOW.

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- Modern Salesmanship
- Traffic Management
- Railway Station Mgmt.
- Law: Degree of LL. B.
- Commercial Law
- Industrial Management
- Business Correspondence
- Credit and Collection Correspondence
- Banking and Finance
- Modern Foremanship
- Personnel Management
- Expert Bookkeeping
- C. F. A. Coaching
- Business English
- Commercial Spanish
- Effective Speaking
- Telegraphy
- Stenotypy-Stenography
- Railway Accounting
- Paper Salesman's Training



Name.....

Present Position.....

Address.....

WEDNESDAY Programs

May 21, 1930



Bob Swan
KHJ—5:30 p.m.

★ BEST BETS TODAY ★		
TIME	STATION	PROGRAM



Douglas Nowell
KSL—Announcer

322.4 Meters
930 Kcys.

KFWI

Franklin 0200
500 Watts

Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Frank Roefer's morning exercises
9 to 9:30 a.m.—Cal King's Post Office
9:30 to 10:30 a.m.—Studio program (popular)
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—Items of interest
11 to 11:30 a.m.—Ray Batz at the piano
11:30 to 12 noon—Semi-classical program
12 to 1 p.m.—Popular program and announcements
1 to 1:30 p.m.—Cal King's Country Store
6 to 7:15 p.m.—Dinner Hour; health talk
7:15 to 7:30 p.m.—Rita Murray's Investment Chat
8:30 to 9 p.m.—Semi-classical music
9 to 9:30 p.m.—Arthur Bergner, baritone; Mercedes Titsworth, accompanist
9:30 to 9:45 p.m.—Isabel Henion, balladist, and Nadine Chriss, pianist
9:45 to 10 p.m.—"Ambrose & Mandy"
10 to 10:30 p.m.—Sally Lewis, concert pianist
10:30 to 1 a.m.—Dance music; Midnight Classics

322.4 Meters
930 Kcys.

KROW

Glencourt 6774
1000 Watts

Educational Broadcasting Corp., Oakland, Calif.
8 a.m.—Wade Forrester, Health Questions; Gloom Chasers' Orchestra; the Tropical Trio
1:30 p.m.—Music Memories, Lillian Boyd
2 p.m.—Studio program; Watch Tower talk
2:45 p.m.—Ruth Household Hints
3:30 p.m.—Hayseed program by Bill Simmons, "Yodeling Cowboy;" Eddie McCarty, harmonica; Slim Fey, violinist
4:30 p.m.—Fox West Coast Theaters Frolic
5 p.m.—Wade Forrester's Hour of Sunshine
7:30 p.m.—Complete baseball results
7:45 p.m.—"The Ne'er Do Well"
8 p.m.—Wade Forrester presenting Harmony & Health

315.6 Meters
950 Kcys.

KFWB

Hollywood 0315
1000 Watts

Warner Brothers, Hollywood, California
8 to 10 a.m.—The Breakfast Club
10 to 10:30 a.m.—Prudence Penny of the Examiner
10:30 to 11:30 a.m.—Orpheus Sextet and Feature Trio
11:30 to 12 noon—Billy Van, courtesy program
12 to 12:30 p.m.—String orchestra; Nelson Case, soloist
12:30 to 2:10 p.m.—Jean Cowan; Dixieland Syncopators
2:10 p.m.—Baseball game; TeGreen's Ensemble
6 to 6:30 p.m.—Pac. Salon Orchestra, Ray Martinez, dir.
6:30 to 7 p.m.—Harry Jackson's Entertainers
7 to 7:10 p.m.—Cecil and Sally
7:10 to 8 p.m.—The Southlanders
8 to 8:30 p.m.—George Olsen and his music
8:30 to 9:30 p.m.—David Percy, baritone; orchestra and soloists
9:30 to 10 p.m.—"Rainbow Trail to Colorland"
10 to 11 p.m.—Irving Aaronson's Commanders
11 to 11:30 p.m.—Ben Bernie's Orchestra

440.9 Meters
680 Kcys.

KPO

Kearny 0704
5000 Watts

Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m.—Health exercises, with Professor Bob and "Wee Willie" Hancock
8 to 9 a.m.—Shell Happytime, Hugh Barrett Dobbs
9:30 to 10 a.m.—Walter W. Cribbins
10 to 10:30 a.m.—Julia Hayes, "Helpful Hints"
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 11:55 a.m.—Ye Towne Cryer
11:55 to 12:05 p.m.—Scripture reading, time signals
12:05 to 1 p.m.—Snapshots—programs in miniature
1 to 1:30 p.m.—Propeller Club program
1:30 to 2 p.m.—Jerry Jermaine, balladist
2 to 2:10 p.m.—E. A. Pierce stock reports
2:10 to 2:45 p.m.—Doug. Richardson; Auburn Girl
2:45 to 4:30 p.m.—Get Associated with Baseball
4:30 to 5:20 p.m.—Children's Hour
5:20 to 5:30 p.m.—E. A. Pierce stock reports
5:30 to 5:45 p.m.—Date Book, edited by Stuart Strong
5:45 to 6 p.m.—News digest, "Scotty" Mortland
6 to 7 p.m.—Reo Masters of Music
7 to 8 p.m.—North Americans
8 to 8:30 p.m.—Let's Get Associated
8:30 to 9 p.m.—Nathan Abas, violin recital
9 to 9:15 p.m.—Cecil and Sally
9:15 to 9:30 p.m.—R. U. McIntosh, "Plane Journeys"
9:30 to 10 p.m.—"Packard Program," KPO and KFI
10 to 11 p.m.—Jesse Stafford's Palace Hotel Dance Orchestra
11 to 12 midnight—Joe Wright's Silver Slipper Dance Orchestra

508.2 Meters
590 Kcys.

KHQ

Main 5383
1000 Watts

Louis Wasmer, Inc., Spokane, Washington
6:45 a.m.—Inspirational service; "The Town Cryer"
7:45 a.m.—"Aunt Jemima's Boy," NBC
8 a.m.—The Shell Happytime, KPO
9 a.m.—Walt, Winn and Harvey
9:30 a.m.—Betty Crocker, NBC
9:45 a.m.—"Ovaltine Dramatic Moments"
10 a.m.—"Home Service"
10:15 a.m.—Mary Hale Martin, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Organ recital; Canny Cook, NBC
12 noon—"Down Memory Lane"; "Studio Affairs"
12:30 p.m.—Violin and piano studies
1 p.m.—Series of talks, NBC
1:15 p.m.—"Dutch Maid"; "Headliners"; organ
1:45 p.m.—Popular love songs
2:30 p.m.—Album Symphonies
3:25 p.m.—"Cecil and Sally"
3:35 p.m.—"Paint o' Mine"; Service Hour
5 to 7 p.m.—NBC programs
7 p.m.—Electric transcription program
7:30 to 8:30 p.m.—NBC programs
8:30 p.m.—Musical program
9 p.m.—True Hawaiians
9:30 p.m.—KHQ Novelty Trio and featured contralto
10 p.m.—Cotton Blossom Minstrels, NBC
11 p.m.—Just Another Hour; "Ask for It"

Radio Doubles Hazards For Sea Hobo

IN A score of ways radio is making it easier and more comfortable for human beings everywhere. But for the sea hobo, the bum of the waterways, the professional stowaway—radio is a silent nemesis that plucks him from his roost in mid-ocean and ruins his chance of beating the immigration gate.

The handicap which radio puts on the plans of the stowaway to slip into the country past the immigration service, is due primarily to the fact that every time a stowaway escapes into the country from a steamer it costs the steamship company a \$1000 fine. This is a government regulation and is rigidly enforced.

In protection to themselves, steamship companies maintain a strict scrutiny of ships after leaving any foreign port. Yet despite the fact that every craft is searched from deck to keel, stowaways often remain undetected until just off-shore or even until the ship has docked.

The discovery of a stowaway at sea is a sad moment for the steamship company. The "gate crusher" must be held in detention until the boat reaches quarantine, when he is then returned to the country from whence he came at the company's expense. This means that the company loses two fares between terminal points, a non-profit arrangement that every captain in the world tries to prevent.

America is still an El Dorado to thousands of immigrants who are either unable to pay the price to get here, or are held back by the immigration limitation of numbers. To beat either of these disabilities the foreigners will frequently stowaway on some out-bound ship, headed for the United States. If they are discovered, the radio is brought into play. The home office is notified. Then, if the company is one which has a number of vessels in circulation, a ship going in the opposite direction meets the one carrying the stowaway and he is transferred in mid-sea.

A recent example was that of the American Export line steamer *Extavia*, which, en route from the Mediterranean to New York, discovered two stowaways aboard when well at sea. The radio informed company headquarters. The steamer *Examiner*, bound for Genoa, was caught by the home office and 500 miles off New York the *Extavia* and the *Examiner* lay-to and the two stowaways were transferred to the *Examiner*.

Back to Genoa went the two unwilling travelers with no hope of getting back to the United States for months at least. Recently several girls, who thought it would be a "lark" or just "smart" to stowaway aboard liners for various ports, were pulled out of their burrows aboard ship, and swung across the rail into a returning steamer, to be sent back home in disgust and disgrace. With a \$1000 fine over their heads, captains no longer think it is "funny" to find "sea-bums" aboard their crafts, and they save up plenty of dish-washing, deck-swabbing and other non-profit-sharing activities for their entertainment. And then—to cap the climax—they send them home again.

Government Opposes Supreme Court Radio Reviews

THE United States Supreme Court having dismissed the appeal of the Federal Radio Commission in the WGY case on the ground that the Court of Appeals of the District of Columbia reviews decisions of the Federal Commission in an administrative and not a judicial capacity, the Government is opposing a review by the court of the appellate tribunal's decision in the case of the municipal broadcasting station operated by the city of New York.

The case, in its broad aspects, is similar to that involving WGY, in that it challenges the commission's authority to require the sharing of time by a station formerly enjoying full-time operation, but in this instance the Court of Appeals upheld the commission and the station appealed to the Supreme Court for a review of the case.

The opposition of the Government to any action by the Supreme Court is voiced in a brief filed by the Department of Justice, in which it is contended that the restriction of the time of operation of the New York broadcasting station was a valid exercise of the power of Congress to regulate interstate commerce. The department also contends that the Supreme Court is without jurisdiction to hear the cause, as it is held in the WGY suit, or that, if the court decides it has jurisdiction, the constitutional questions involved were correctly decided by the lower tribunal.

WEDNESDAY Programs

San Francisco

NBC

Sutter 1920

National Broadcasting Company

- 7:45 to 8 a.m.—The Aunt Jemima Boy, KGO, KHQ, KOMO/KGW, KECA, KSL
- 9:30 to 9:45 a.m.—Betty Crocker Gold Medal Home Service Talks, KGO, KHQ, KOMO, KGW, KFI
- 10:15 to 10:30 a.m.—Mary Hale Martin's Household Period, KGO, KHQ, KOMO, KGW, KFI, KSL, KOA
- 10:30 to 11:30 a.m.—Woman's Magazine of the Air, KGO, KHQ, KOMO, KGW, KPO, KFI
- 11:45 to 12 noon—The Canny Cook, KGO, KHQ, KOMO, KGW, KECA, KSL, KOA
- 1 to 1:15 p.m.—Series of Talks, KGO, KHQ, KOMO
- 3:30 to 3:45 p.m.—Back of the News in Washington, KGO, KOMO, KECA

William Hard will speak of the most important recent happenings of national importance in his talk today.

- 3:45 to 4 p.m.—Vincent Lopez and His Hotel St. Regis Orchestra, KGO, KOMO

- 4 to 4:45 p.m.—Hotel St. Francis Salon Orchestra, KGO; KGW, 4:15 to 4:30 p.m.

- 5 to 5:30 p.m.—Halsey, Stuart Program, KGO, KHQ, KOMO, KGW, KFI

In contrast to the talk by the Old Counsellor will be the musical offerings of the Chicago Little Symphony Orchestra, directed by George Dasch.

- 5:30 to 6:30 p.m.—Palmolive Hour, KGO, KHQ, KOMO, KGW, KFI

For the first time in the several years the Palmolive Hour has been on the air the routine of the 60-minute entertainment will be changed with the introduction of special offerings by Wilfred Glenn, bass; Elizabeth Lennox, contralto; Elliott Shaw, baritone, and a mixed quartet, in addition to the regular contributions by Olive Palmer, soprano; Paul Oliver, tenor; the Revelers and Gustave Haenschen's orchestra.

- 6:30 to 7 p.m.—Coca Cola Program, KGO, KHQ, KOMO, KGW, KECA

Grantland Rice will offer another of his pleasantly intimate interviews with a sports world celebrity to the nation-wide audience.

- 7:30 to 7:45 p.m.—Amos 'n' Andy, KGO, KHQ, KOMO, KGW, KECA

- 7:45 to 8 p.m.—Literary Digest Prohibition Poll and Latest World News Flashes, interpreted by Floyd Gibbons, KGO, KHQ, KOMO, KGW, KECA

- 8 to 8:30 p.m.—Let's Get Associated, KHQ, KOMO, KGW, KPO, KFI

The third and concluding chapter of Carlton E. Morse's story of the life of Marcus Whitman will be presented by Jack and Ethyl tonight.

- 8 to 8:30 p.m.—Parisian Quintet, KGO, KECA
- 8:30 to 9 p.m.—Hill Billy Boys, KGO; KOA, 8:45 to 9 p.m.

- 9 to 9:15 p.m.—NBC Concert Favorites, KGO

- 10 to 11 p.m.—Cotton Blossom Minstrels, KGO, KHQ, KGW, KOA

Barry Hopkins has the responsibility of interlocutor for these dark-faced minstrel shows, and as such will call upon the many talented members to be found in his company.

- 11 to 12 midnight—Laugher-Harris Hotel St. Francis Dance Orchestra, KGO; KOMO, 11:30 to 12 p.m.

265.3 Meters
1130 Kcys.

KSL

Wasatch 3901
5000 Watts

Radio Service Corp., Salt Lake City, Utah

- 4:30 to 7 p.m.—National Broadcasting Co. programs
- 7 p.m.—"Memories of Days Gone By"
- 7:30 p.m.—Amos 'n' Andy, NBC
- 7:45 p.m.—Floyd Gibbons on Prohibition
- 8 p.m.—Variety Ensemble
- 9 p.m.—"Romance of Gems"
- 9:30 p.m.—Dramatization of current news events
- 9:45 p.m.—Popular recordings
- 10 p.m.—Harmony Night Hawks, popular orchestra
- 11 p.m.—"Vagabond of the Air"

491.5 Meters
610 Kcys.

KFRC

Prospect 0100
1000 Watts

Don Lee, Inc., San Francisco, Calif.

- 7 to 8 a.m.—Seal Rocks broadcast
- 8 to 8:30 a.m.—Columbia Revue, CBS; stocks
- 8:30 to 9 a.m.—Yoeng's Orchestra, CBS
- 9 to 9:30 a.m.—News items; Ovaltine program
- 9:30 to 10:30 a.m.—Feminine Fancies, DLBS
- 10:30 to 11 a.m.—Wyn's Daily Chats
- 11 to 11:15 a.m.—Mary Haines, Domestic Science talk
- 11:15 to 11:30 a.m.—Dorothy Chase and Charis Players
- 11:30 to 11:45 a.m.—Glidden So-a-tone
- 11:45 to 12 noon—Barbara Gould, beauty talk
- 12 to 1 p.m.—Sherman & Clay noonday concert
- 1 to 1:15 p.m.—Columbia Grenadiers, CBS
- 1:15 to 1:45 p.m.—Footnotes, CBS
- 1:45 to 2 p.m.—Three Dainty Misses, DLBS
- 2 to 3 p.m.—Happy Go Lucky Hour, DLBS
- 3 to 3:30 p.m.—About new books, Monroe Upton
- 3:30 to 3:55 p.m.—Something about everything; records
- 3:55 to 4 p.m.—"Your English," electrical transcription
- 4 to 4:30 p.m.—In a Russian Village, CBS
- 4:30 to 4:45 p.m.—Three Dainty Misses, DLBS
- 4:45 to 5 p.m.—News items; Town Topics
- 5 to 6:10 p.m.—KFRC Dance Band, DLBS
- 6:10 to 6:15 p.m.—Seth Thomas Clock program
- 6:15 to 6:30 p.m.—Shaler Company program
- 6:30 to 7 p.m.—Novelty program from KHJ, DLBS
- 7 to 7:45 p.m.—Symphony orchestra and singers, DLBS
- 7:45 to 8 p.m.—Studio program from KHJ, DLBS
- 8 to 8:30 p.m.—"Romantic Forty-Niners," DLBS
- 8:30 to 9 p.m.—Stanley program
- 9 to 9:30 p.m.—Studio program, DLBS
- 9:30 to 10 p.m.—"Musical Suggestions," DLBS
- 10 to 11 p.m.—Hotel Mark Hopkins Orchestra, DLBS
- 11 to 12 midnight—Los Angeles Biltmore Orchestra
- 12 to 1 a.m.—Dance music

204 Meters
1470 Kcys.

KGA

Main 3434
5000 Watts

Northwest Broadcasting System, Spokane, Wash.

- 12 noon—Riegel Bros. concert
- 12:30 p.m.—Music; news; music reports
- 1 p.m.—Gold Seal program; dental clinic
- 2 p.m.—Herb and his guitar
- 2:15 p.m.—Popular Melange; radio matinee
- 3:30 p.m.—Andy and Bernice, popular songs & ballads
- 4 p.m.—Good News Magazine
- 4:30 p.m.—Uncle Andy and the Kiddies; Bookman
- 5:15 p.m.—Baron Keyes' Air Castles; music
- 6 p.m.—Jan Russell, violin; Jan Naylor, 'cello; Harold Strong, piano; Northwest Male Quartet
- 6:30 p.m.—Homeowners Orchestra; Ragnar Salldin, accordion
- 7 p.m.—Oil-O-Matics' Harmony Aces; Song Birds
- 7:30 p.m.—Ringleton's Captivators; Eulala Dean, blues singer, NBS
- 8 p.m.—Spanish Knights Orchestra; Stonewall Jackson, guitar; Ukelele Bob; Elmore Vincent, tenor
- 9 p.m.—Damski's Neapolitans; Betty Andersen, soprano; Jan Russell, violin; Northwest Male Quartet
- 10 p.m.—Request program

239.9 Meters
1250 Kcys.

KFOX

Phone: 672-81
1000 Watts

Nichols & Warinner, Long Beach, Calif.

- 5 to 12:45 p.m.—Music, talks and news items
- 12:45 to 1:30 p.m.—Cherrio Boys; Rotary luncheon
- 1:50 to 2:30 p.m.—Doris & Clarence; Rolly Wray
- 2:30 to 3 p.m.—Sunset Harmony Boys
- 3 to 3:30 p.m.—Pianistic Pansy; Today in History
- 3:30 to 4:15 p.m.—Organ recital; late news reports
- 4:15 to 4:30 p.m.—Rolly & Gene
- 4:30 to 4:45 p.m.—Violets Tiny Tots Hour
- 4:45 to 5 p.m.—Jones Harmony Four
- 5 to 6:15 p.m.—Hollywood Girls; "Em & Clem"
- 6:15 to 6:30 p.m.—Percy at the Telephone
- 6:30 to 6:45 p.m.—Sunset Harmony Boys
- 6:45 to 7 p.m.—The Three Vagabonds
- 7 to 7:15 p.m.—Buttercream School Kids
- 7:15 to 7:30 p.m.—Ezra and Abie
- 7:30 to 8 p.m.—Vest Pocket Minstrels; Cherrio Boys
- 8 to 8:30 p.m.—Seth Parker Singing School
- 8:30 to 9 p.m.—Tavern Club Orchestra
- 9 to 10 p.m.—Pickwick Papers; Hoagland Troubadours
- 10 to 11 p.m.—Young Folks at Home
- 11 to 12 midnight—Majestic Ballroom Orchestra
- 12 to 1 a.m.—Everett Hoagland Troubadours
- 1 to 3 a.m.—The Knight Fox

WEDNESDAY Programs

535.4 Meters
560 Kcys.

KTAB

Garfield 4700
1000 Watts

Pickwick Broadcasting Co., Oakland, Calif.

6:30 to 7:30 a.m.—Studio program; health exercises
7:30 to 8:30 a.m.—Red Hat program; Towne Cryer
8:30 to 9 a.m.—Dr. Wade Forrester
9 to 9:30 a.m.—Morning Prayer Hour
9:30 to 10 a.m.—Dr. J. Douglas Thompson
10 to 10:30 a.m.—Household Hour with Alma La Marr
10:30 to 1 p.m.—Dr. B. L. Corley; studio program
1 to 1:45 p.m.—Chapel of Chimes; records
1:45 to 2:40 p.m.—Dr. Wade Forrester; records
2:40 to 4:45 p.m.—Baseball from Recreation Park
4:45 to 5 p.m.—Program of records
5 to 5:15 p.m.—"The Story Man and His Air Castle"
5:15 to 6 p.m.—"Brother Bob's Frolic"
6 to 6:30 p.m.—"Date Book" program; studio program
6:30 to 7 p.m.—Organ program
7 to 7:30 p.m.—"Hall of Fame" program; records
7:30 to 8:30 p.m.—"Memory Bouquet"
8:30 to 10:30 p.m.—"Pepper Box" program
10:30 to 11:30 p.m.—Sweet's Ballroom Orchestra
11:30 to 1 a.m.—Dance records

468.5 Meters
640 Kcys.

KFI

Westmore 0337
5000 Watts

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7:30 a.m.—Stock market reports
7:45 a.m.—Chester Foster Rand, tenor
8 a.m.—Shell Happytime from KPO
9 a.m.—Bess Kilmer's Helpful Hints to Housewives
9:15 a.m.—Two Shades of Blue, Mart and Lill
9:30 a.m.—Betty Crocker Home Talk, NBC
9:45 a.m.—Kaal Hawaiian Trio
10:15 a.m.—Mary Hale Martin talk, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:45 a.m.—French lesson, Annette Doherty
12 noon—U. C. and U. S. Dept. of Agriculture talk
12:15 p.m.—Federal and state market reports
2:30 p.m.—Sylvia's Happy Hour
3:30 p.m.—Noreen Gammill, character sketches
3:45 p.m.—Eddie Armstrong, ballads
4:15 p.m.—KFI News Bureau
4:30 p.m.—Big Brother; The Story Man
5 p.m.—Halsey, Stuart program, NBC
5:30 p.m.—Palmolive Hour, NBC
6:30 p.m.—Leonard Van Berg, ballads; stocks
7:30 p.m.—Remote control from Ray West Cafe
8 p.m.—Let's Get Associated, NBC
8:30 p.m.—Three Skippers
9:30 p.m.—Packard program
10:30 p.m.—Remote control from Cafe Max Fisher

333.1 Meters
900 Kcys.

KHJ

Vandike 7111
1000 Watts

Don Lee, Inc., Los Angeles, California

7 to 7:40 a.m.—Recordings; stock reports
7:40 to 8:30 a.m.—Coal and coke; CBS Review
8:30 to 9:30 a.m.—Yoeng's Orchestra, CBS
9:30 to 10:45 a.m.—Feminine Fancies, KFRC; records
10:45 to 11 a.m.—Log Cabin Bread, Agnes White
11 to 12 noon—Recordings; Richardson's program
12 to 12:30 p.m.—Biltmore Hotel Concert Orchestra
12:30 to 12:45 p.m.—World-wide news
12:45 to 2 p.m.—Kiwanis Club lunch; Times Forum
2 to 3 p.m.—Happy Go Lucky Hour, KFRC
3 to 3:30 p.m.—Fred McNabb, talk on Gardens
3:30 to 4 p.m.—L. A. Public Library, book review
4 to 4:30 p.m.—In a Russian Village, CBS
4:30 to 4:55 p.m.—Three Dainty Misses, DLBS; news
4:55 to 5:15 p.m.—Town Topics; Nell Larson, organist
5:15 to 5:30 p.m.—Police Commissioner Thorpe
5:30 to 6 p.m.—Bob Swan, Boulevard Furniture Co.
6 to 6:30 p.m.—Romance of Fashions, Peggy Hamilton
6:30 to 7 p.m.—Prof. Lindsley and organ
7 to 7:45 p.m.—Don Lee Symphony
7:45 to 8 p.m.—National Shoe Retailers' Assoc., CBS
8 to 8:30 p.m.—"Romantic Days of '49"
8:30 to 9 p.m.—Orchestra and soloists
9 to 9:30 p.m.—Jell-Well program
9:30 to 10:05 p.m.—Musical Suggestions; news
10:05 to 12 midnight—Hotel Biltmore Dance Orchestra
12 to 1 a.m.—Wesley Tourtellotte, organ recital

379.5 Meters
790 Kcys.

KGO

Sutter 1920
10,000 Watts

General Electric Co., Oakland, Calif.

7:30 to 8 a.m.—Chanticleers; The Aunt Jimema Boy
8 to 8:15 a.m.—Financial Service program
8:15 to 8:30 a.m.—Tap dancing lesson
8:30 to 9 a.m.—Cross-Cuts of the Day
9 to 9:30 a.m.—Meet the Folks
9:30 to 9:45 a.m.—Betty Crocker Home Service talk
9:45 to 10:15 a.m.—Betty Kelly; The Recitalists
10:15 to 10:30 a.m.—Mary Martin's Household Period
10:30 to 11:30 a.m.—Woman's Magazine of the Air
11:30 to 11:45 a.m.—NBC Philharmonic organ recital
11:45 to 1 p.m.—The Canny Cook; Rembrandt Trio
1 to 1:15 p.m.—Series of Talks
1:15 to 2 p.m.—Breen and De Rose; Tea Timers
2 to 2:30 p.m.—Bernie Cummins and his Hotel New Yorker Orchestra
2:30 to 2:35 p.m.—John B. Kennedy talk
2:35 to 2:45 p.m.—Bernie Cummins and his Hotel New Yorker Orchestra
2:45 to 3:45 p.m.—Musical Musketeers; Back of News
3:45 to 4 p.m.—Vincent Lopez and his Hotel St. Regis Orchestra
4 to 4:45 p.m.—Hotel St. Francis Salon Orchestra
4:45 to 5:30 p.m.—News; Halsey, Stuart program
5:30 to 6:30 p.m.—Palmolive Hour
6:30 to 7 p.m.—Coca Cola program
7 to 7:30 p.m.—Phil Spitalny's Music
7:30 to 8 p.m.—Amos 'n' Andy; Literary Digest
8 to 9 p.m.—Parisian Quintet; Hill Billy Boys
9 to 9:15 p.m.—NBC Concert Favorites
9:15 to 9:30 p.m.—Violin recital
9:30 to 10 p.m.—Miniature Biographies
10 to 11 p.m.—Cotton Blossom Minstrels
11 to 12 midnight—Laughner-Harris Hotel St. Francis Dance Orchestra

296.6 Meters
1010 Kcys.

KQW

Columbia 777
500 Watts

Pac. Agric. Foundation, Ltd., San Jose, Calif.

9 to 11 a.m.—California Market; Helpful Hour
11 to 11:50 a.m.—Bank Credits program
11:50 to 12:30 p.m.—Recordings; Tom and Wash
12:30 to 1 p.m.—Market reports, weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 3:30 p.m.—The Friendly Hour; audition
3:30 to 5 p.m.—Musical program; children's program
5 to 5:30 p.m.—Baron Keyes' Air Castle; music
5:30 to 6 p.m.—San Jose Radionics health talk
6 to 6:10 p.m.—U. S. D. A. farm flashes
6:10 to 6:20 p.m.—Farm topics discussion
6:20 to 6:30 p.m.—Standardization of Calif. Field Crop Products
6:30 to 6:55 p.m.—Market reports; farm reporter
6:55 to 7 p.m.—KQW Market Place
7 to 8 p.m.—Farm Bureau news; Tom and Wash
8 to 9:30 p.m.—First Baptist Church

483.6 Meters
620 Kcys.

KGW

Atwater 2121
1000 Watts

The Morning Oregonian, Portland, Oregon

6:45 a.m.—Devotions; Bagdad Theater organ
7:45 a.m.—Aunt Jimema, NBC
8 a.m.—Shell Happytime, KPO
9 a.m.—Columbia National Bank; Town Cryer
9:30 a.m.—Betty Crocker, NBC; Town Cryer
10:15 a.m.—Mary Hale Martin, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Dorothy Chase and Charis Players
12 noon—Powers Pied Piper
12:30 p.m.—Grand Central Marketeers
1:30 p.m.—Department of Commerce talk
1:45 p.m.—Tea Timers, NBC
2 p.m.—Among Ourselves; Masterworks; Movie Club
2:30 p.m.—Masterworks; Movie Club
3:30 p.m.—Back of the news, NBC
3:45 p.m.—Vincent Lopez Orchestra, NBC
4 p.m.—Marian Miller
4:15 p.m.—Hotel St. Francis Orchestra, NBC
4:30 p.m.—Palace Laundry features
5 to 7 p.m.—NBC programs
7:15 p.m.—Stein's Bakery program
7 to 7:30 p.m.—Studio program
7:30 to 8:30 p.m.—National Broadcasting Co. programs
8:30 p.m.—Studio program
9:30 p.m.—Fisher's Blend Hour, KOMO
10 p.m.—Ceil and Sally
10:15 p.m.—Cotton Blossom Minstrels, NBC
11 to 12 midnight—Multnomah Club dance

WEDNESDAY Programs

340.7 Meters **KLX** **Lake 6000-6015**
880 Kcys. **500 Watts**

Tribune Publishing Co., Oakland, Calif.
6:30 to 8 a.m.—Records; stocks; exercises
8 to 9:30 a.m.—Jean Kent; Modern Homes
9:30 to 10:30 a.m.—Records; San Francisco stocks
10:30 to 11 a.m.—Henderson's Radiola program
11 to 12 noon—Classified Adv. Hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2:30 p.m.—Jean's Hi-Lights; records
2:40 to 4:30 p.m.—Baseball: Oaks vs. San Francisco
4:30 to 5 p.m.—Chas. Besserer, organist
5 to 6 p.m.—Brother Bob's Club; Edgar Russell
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News items
7:30 to 8 p.m.—Ethel Rhinard and Cora Scott
8 to 9:15 p.m.—Signor Rinaldo and his orchestra; Bookworm
9:15 to 10 p.m.—Helen Wegman Parmelee, pianist; Iva Vanni, soprano, and Sidney Charles
10 to 10:15 p.m.—Mama and Benny Cohen
10:15 to 11 p.m.—Dance program

254.1 Meters **KEX** **Atwater 3111**
1180 Kcys. **5000 Watts**

Western Broadcasting Co., Portland, Ore.
7 a.m.—Morning Serenaders
8 a.m.—The Clock; Oregon Journal news
9:45 a.m.—Devotional service; organ concert
10:30 a.m.—Shopping service featuring Allen Daniels
11:30 a.m.—Billy's Hawaiians
12 noon—Time; weather reports; World Bookman
12:05 p.m.—Happy Hour Girls
1:05 p.m.—Newscasting; Salon hour of recordings
1:30 p.m.—Organ concert; dental lecture
3 p.m.—Afternoon matinee of recordings
4:30 p.m.—Hill Billy song recital
5:15 p.m.—Children's Hour; KEX Bulletin
6 p.m.—Around the world with Captain Salisbury
6:15 p.m.—All Artists Trio; Jan Russell, violin; Jan Naylor, cello; Harold Strong, piano; Northwest Male Quartet; NBS
6:30 p.m.—Hometowners Orchestra, NBS
7 p.m.—Harmony Aces; Song Birds; NBS
9 p.m.—Damski's Neapolitans Orchestra; Betty Andersen, soprano; Jan Russell, violin; Northwest Male Quartet; NBS
10 p.m.—Melvin and Merciful
10:30 p.m.—Jack and Jill Tavern Orchestra
11:30 p.m.—Time; weather; police reports; news
11:40 p.m.—Midnight Matinee

285.5 Meters **KNX** **Hempstead 4101**
1050 Kcys. **5000 Watts**

L. A. Evening Express, Los Angeles, Calif.
6:45 to 8 a.m.—Physical exercises by Dr. P. M. Seixas
8:15 to 8:30 a.m.—Inspirational talk & morning prayer
8:30 to 9 a.m.—30 minutes of interesting information
9 to 9:30 a.m.—Organ program by Lucie Lee
9:30 to 10 a.m.—Radio shopping news
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.—Dorothy Chase and Charis Players
11:45 to 12 noon—Beauty secrets by Georgia Fifield
12 to 12:30 p.m.—"The Musical Lunch Box"
1:30 to 2 p.m.—Reading interesting books
2 to 2:30 p.m.—Program of L. A. Eve. Exp. classified
2:30 to 3:30 p.m.—Matinee Symphony
3:30 to 4 p.m.—KNX Clinic of the Air
4 to 4:30 p.m.—"Home Builders' Hour"
4:30 to 5 p.m.—C. P. R.'s musical program
5 to 5:15 p.m.—E. C. Griffith's talk on "Travel"
5:15 to 5:45 p.m.—Big Brother Ken's Kiddie Hour
5:45 to 6 p.m.—Town Cryer's timely amusement tips
6:15 to 6:30 p.m.—Music with Topsy Sackett
6:30 to 7 p.m.—Feature program featuring KNX artists
7 to 7:30 p.m.—"Mr. and Mrs." radio skit
7:30 to 8 p.m.—KNX musical program
8 to 8:30 p.m.—"The Airdules" and Bert Butterworth
8:30 to 9 p.m.—KNX musical program
9 to 9:30 p.m.—Feature program
9:30 to 10 p.m.—Paramount previews
10 to 12 midnight—Johnny Hamp and his Kentucky Serenaders

243.8 Meters **KYA** **Prospect 3456**
1230 Kcys. **1000 Watts**
Pacific Broadcasting Corp., San Francisco

9 to 11 a.m.—Recorded program
11 to 12:15 p.m.—California Sunshine Hour; news
12:15 to 12:30 p.m.—Community Chest talk
12:30 to 2 p.m.—Program of recordings
2 to 3 p.m.—Bridge Party Hour
3 to 3:30 p.m.—Short story course, by Sam. B. Dickson
3:30 to 5:30 p.m.—Records; Sunset Hour
5:30 to 5:35 p.m.—S. F. stock quotations
5:35 to 6 p.m.—Recorded program
6 to 6:15 p.m.—Talk of Crime Prevention
6:15 to 7 p.m.—Metro and Cosmo; records
7 to 7:30 p.m.—George Taylor and the Boys
7:30 to 8:30 p.m.—1640 Boys, Midweek Jubilee
8:30 to 9:30 p.m.—Calendar of the Air
9:30 to 10 p.m.—George Nickson, Virginia Spencer, Yvonne Petersen, Freddie Heward and Dud Williamson
10 to 11 p.m.—Pacific Artists Trio
11 to 1 a.m.—Dance and request recordings

309.1 Meters **KJR** **Main 2495-2475**
970 Kcys. **5000 Watts**
Northwest Broadcasting System, Seattle, Wash.

7 a.m.—Organ recital; devotional services
9:40 a.m.—Sally Jo Walker and Grant Merrill
10 a.m.—Elmore Vincent, tenor; Marjorie Robillard, piano; beauty talk
12 noon—World in Review; music
2 p.m.—Glen Eaton, tenor; Marjorie Robillard, piano
2:15 p.m.—Beatrice Nelson, soprano; baseball game
5:15 p.m.—Baron Keyes' Air Castles; reports
5:50 p.m.—Garden talk by Cecil Solly
6 p.m.—American Institute of Banking
6:15 p.m.—Jan Russell, violin; Jan Naylor, cello; Harold Strong, piano; Northwest Male Quartet
6:30 p.m.—Hometowners; Ragnar Salldin, accordion
7 p.m.—Harmony Aces; Song Birds
7:30 p.m.—Ringletto's Captivators; Eulala Dean, blues singer
8 p.m.—Harpers Corners; Burton James and Company
8:30 p.m.—Spanish Knights Orchestra; Elmore Vincent, tenor
9 p.m.—Neapolitans; Betty Andersen, soprano; Jan Russell, violin; Northwest Male Quartet
10 p.m.—Ken Stuart's Sunshine program
10:30 p.m.—Ukelele Bob; Spencer Adams, xylophone
11 p.m.—Vic Meyer's Club Victor Orchestra
12 midnight—Midnight Revellers

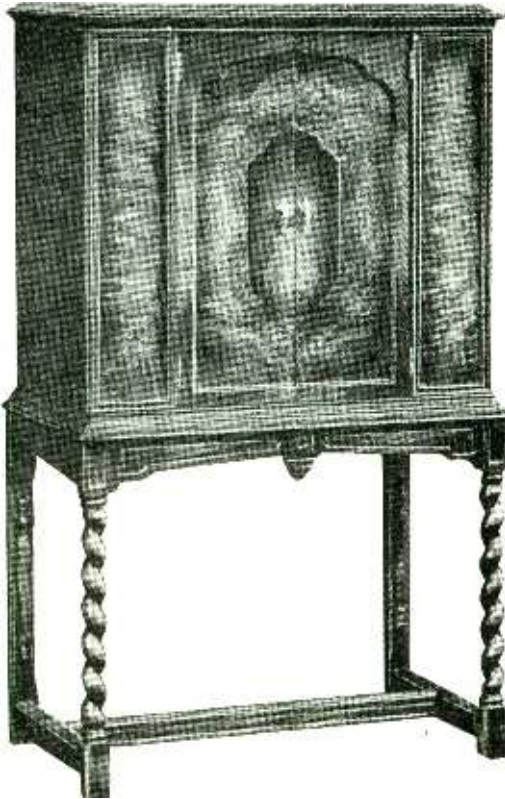
325.9 Meters **KOMO** **Elliot 5890**
920 Kcys. **1000 Watts**
Fisher's Blend Station, Inc., Seattle, Wash.

7:40 a.m.—Inspirational services
7:45 a.m.—Aunt Jemima Boy, NBC
8 a.m.—Shell Happytime, KPO
9 a.m.—Meet the Folks, NBC
9:30 a.m.—Betty Crocker's Home talk, NBC
9:45 a.m.—The Way to a Man's Heart
10 a.m.—Wander Co.'s Ovaltine program
10:15 a.m.—Mary Hale Martin Hour, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
11:30 a.m.—Dorothy Chase and Charis Players
11:45 a.m.—Hour of Canny Cook, NBC
12 noon—Farm talk; fruit and veg. and grain reports
12:15 p.m.—Totem Broadcasters, Prudence Penny
12:30 p.m.—Orchestra and vocalists
1 p.m.—Series of talks; orchestra and vocalists
2 p.m.—Artistic Ensemble; popular orchestra
3:30 p.m.—Back of the News in Washington, NBC
3:45 p.m.—Vincent Lopez Orchestra, NBC
4 p.m.—Orchestra and vocalists
4:15 p.m.—Totem Broadcasters; stock quotations
4:30 p.m.—Artistic Ensemble
5 to 7 p.m.—NBC programs
7 p.m.—Garden Patch children's program
7:30 p.m.—Amos 'n' Andy, NBC
7:45 p.m.—Literary Digest Prohibition Poll, NBC
8 p.m.—Let's Get Associated, NBC
8:30 p.m.—Lesson in contract bridge
9 p.m.—Concert Favorites, NBC
9:30 p.m.—Fisher Flouring Mills program
10 p.m.—Fisher Blend Hour
11 p.m.—Uncle Hank; news flashes
11:30 p.m.—Laughner-Harris Orchestra, NBC

THE NEW STAR-RAIDER RADIO



America's Finest Radio



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A DECADE of radio description has beggared the dictionary. Great . . . greatest . . . incomparable . . . magnificent . . . There are no adjectives left with which to describe the STAR-RAIDER. Here is tone quality of a beauty and flawlessness that makes us agree that this is the "Rolls Royce of Radio." But it's a story without words . . . they've all been used.

Nor can a listing of mechanical details convey an idea of the excellence of the STAR-RAIDER Radio. Thirteen tubes . . . Technidyne Circuit . . . kilocycles . . . what are they, except the facts behind the magic of melody?

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Manufactured by
CONTINENTAL RADIO CORP.
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San Francisco Branch
171 Second Street, San Francisco

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Caladyne Radio Co.

SACRAMENTO
Hale Bros.

OAKLAND
John Breuner
Whitthorne & Swan

SAN JOSE
Hale Bros.

THURSDAY Programs

May 22, 1930



Del Raymond "Jill"
KJBS—2 p.m.

★ BEST BETS TODAY ★		
TIME	STATION	PROGRAM



Joseph Diskay
KNX—Staff Artist

379.5 Meters
790 Kcys.

KGO

Sutter 1920
10,000 Watts

General Electric Co., Oakland, Calif.

- 7:30 to 8 a.m.—Chanticleers; The Aunt Jemima Boy
- 8 to 8:15 a.m.—Financial Service program
- 8:15 to 8:30 a.m.—Tap dancing lesson
- 8:30 to 9 a.m.—Cross-Cuts of the Day
- 9 to 9:30 a.m.—Meet the Folks
- 9:30 to 10 a.m.—The Entertainers
- 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.—The Canny Cook; Novelty Five
- 1 to 1:15 p.m.—Series of talks
- 1:15 to 1:30 p.m.—Breen and De Rose
- 1:30 to 2 p.m.—John and Ned; Tea Timers
- 2 to 2:30 p.m.—Black and Gold Room Orchestra
- 2:30 to 3 p.m.—Phil Spitalny's Orchestra
- 3 to 3:30 p.m.—Matinee Time
- 3:30 to 4 p.m.—"A Half Hour in the Nation's Capital"
- 4 to 5 p.m.—Fleischman Hour
- 5 to 5:30 p.m.—Arco Birthday Party
- 5:30 to 6 p.m.—Maxwell House Melodies
- 6 to 7:30 p.m.—RCA Hour; The Three Boys
- 7:30 to 7:45 p.m.—Amos 'n' Andy
- 7:45 to 8:45 p.m.—Standard Symphony Hour
- 8:45 to 9 p.m.—Parks Sisters
- 9 to 10 p.m.—Memory Lane; The Olympians
- 10 to 11 p.m.—The National Concert Orchestra
- 11 to 12 midnight—Laughner-Harris Hotel St. Francis Dance Orchestra

333.1 Meters
900 Kcys.

KHJ

Vandike 7111
1000 Watts

Don Lee, Inc., Los Angeles, California

- 7 to 7:40 a.m.—Recordings; Stock Exchange reports
- 7:40 to 8:30 a.m.—Coal and Coke; Tropical Tramps, CBS
- 8:30 to 9:30 a.m.—Yoeng's Orchestra, CBS
- 9:30 to 10:30 a.m.—Feminine Fancies, from KFRC
- 10:30 to 12 noon—Records; A. White, Home Economics
- 12 to 12:30 p.m.—Biltmore Hotel Concert Orchestra
- 12:30 to 12:45 p.m.—World-wide news
- 12:45 to 2 p.m.—Wesley Tourtellotte, organist; Forum
- 2 to 3 p.m.—Happy Go Lucky Hour, KFRC
- 3 to 3:15 p.m.—Talk on books
- 3:15 to 3:45 p.m.—U. S. C. Trojan period; Y. M. C. A.
- 3:45 to 4:15 p.m.—Univ. of the West; records
- 4:15 to 4:30 p.m.—Frederick William Wile, CBS
- 4:30 to 4:45 p.m.—U. S. Marine Band, CBS
- 4:45 to 5 p.m.—World-wide news; Town Topics
- 5 to 5:30 p.m.—Major K's Mementoes, CBS
- 5:30 to 5:45 p.m.—Manhattan Moods, CBS
- 5:45 to 6 p.m.—Coast Investor, speaker
- 6 to 6:30 p.m.—Organ recital, Wesley Tourtellotte
- 6:30 to 7 p.m.—Ted White and novelty instrumental
- 7 to 8 p.m.—Forest Lawn Memorial Park
- 8 to 9 p.m.—Violet Ray Merry Makers
- 9 to 9:30 p.m.—Eastman Kodak, CBS
- 9:30 to 10 p.m.—Organ and KHJ singers
- 10 to 10:05 p.m.—World-wide news
- 10:05 to 12 midnight—Biltmore Hotel Dance Orchestra
- 12 to 1 a.m.—Wesley Tourtellotte's organ recital

491.5 Meters
610 Kcys.

KFRC

Prospect 0100
1000 Watts

Don Lee, Inc., San Francisco, Calif.

- 7 to 8 a.m.—Seal Rocks broadcast
- 8 to 8:30 a.m.—Columbia Revue, CBS; stocks
- 8:30 to 9:30 a.m.—Yoeng's Orchestra, CBS; news
- 9:30 to 10:30 a.m.—Feminine Fancies, DLBS
- 10:30 to 11 a.m.—Wyn's Daily Chats
- 11 to 11:30 a.m.—Columbia Ensemble, CBS
- 11:30 to 12 noon—Columbia educational feature, CBS
- 12 to 1 p.m.—Sherman & Clay noonday concert
- 1 to 1:15 p.m.—The Book Parade, Harry Hanson, CBS
- 1:15 to 2 p.m.—Bert Lown's Biltmore Orchestra, CBS
- 2 to 3 p.m.—Happy Go Lucky Hour, DLBS
- 3 to 3:15 p.m.—Talk on Popular Psychology, DLBS
- 3:15 to 3:30 p.m.—Colonial Dames, beauty talk
- 3:30 to 4 p.m.—KFRC Dance Band, DLBS
- 4 to 4:15 p.m.—International Sidelights, Dr. Torrence, CBS
- 4:15 to 4:30 p.m.—The Political Situation in Wash., CBS
- 4:30 to 4:45 p.m.—Manhattan Moods, CBS
- 4:45 to 5 p.m.—News items; Town Topics
- 5 to 6 p.m.—Arabesque; Manhattan Moods, CBS
- 6 to 6:30 p.m.—Art Fadden and Frank Galvin
- 6:30 to 7 p.m.—National Radio Forum, CBS
- 7 to 7:15 p.m.—Edna Fischer, "Piano Moods"
- 7:15 to 7:30 p.m.—Lights and Shadows, DLBS
- 7:30 to 8 p.m.—Ben Pollack and his Castilian Royal Orchestra, CBS
- 8 to 9 p.m.—Violet Ray Merry Makers, DLBS
- 9 to 9:30 p.m.—Eastman Kodak, DLBS
- 9:30 to 10 p.m.—Organ and singers from KHJ, DLBS
- 10 to 10:10 p.m.—"Frank Watanabe," Eddie Holden
- 10:10 to 11:10 p.m.—Val Valente's Orchestra, DLBS
- 11:10 to 12:10 a.m.—Hotel Mark Hopkins Orchestra, DLBS
- 12:10 to 1 a.m.—Dance music

508.2 Meters
590 Kcys.

KHQ

Main 5383
1000 Watts

Louis Wasmer, Inc., Spokane, Washington

- 6:45 a.m.—Inspirational service; "Town Crier"
- 7:45 a.m.—"Aunt Jemima's Boy," NBC
- 8 a.m.—The Shell Happytime, KPO
- 9 a.m.—Walt, Winn and Harvey
- 9:30 a.m.—"Hints to Hostesses"; Home Service
- 10 a.m.—Woman's Magazine of the Air, NBC
- 11 a.m.—Standard School broadcast, NBC
- 11:45 a.m.—"The Canny Cook," NBC
- 12 noon—National Savings luncheon program
- 12:15 p.m.—"Studio Affairs" and business talk
- 12:30 p.m.—"Ballads We Remember"
- 1 p.m.—"Dutch Maid"; "Headliners"
- 1:30 p.m.—Hawaiian Echoes; Folk Music
- 2:30 p.m.—"With the Classics"
- 3:20 p.m.—"Cecil and Sally"; Service Hour
- 4 to 7 p.m.—NBC programs
- 7 p.m.—Moana Hawaiian Trio
- 7:30 to 9:30 p.m.—NBC programs
- 10 p.m.—Associated Dance Band
- 11 p.m.—Herman Kenin's Dance Orchestra

Radio Night Glass Aids Planes To See

THE modern airplane is no longer mechanically blind. By a new device just perfected, planes can now "see" at night—not only airports and warning signals, but each other. The aviator sitting in the cockpit of the speeding air craft uses his ears to "see" a fellow flyer or to locate his own position with regard to ground objects.

The device is a modification of the radio compass used on ships. Many people do not understand the principle of the radio compass. In a few words, the idea is this: compass stations are established on shore—at points up and down both the Pacific and Atlantic coasts where clear, unobstructed signals can be obtained, or where dangerous reefs are located.

All compass work is done in the 900 meter band, which is 400 meters higher than broadcasting, and consequently unheard by a broadcast listener. In each station, the receiving antenna is wound on a framework in loop form. This loop can be rotated. Under it is a regular binnacle or compass which shows the exact direction in which the loop is pointed, in degrees and minutes.

When a ship wants to know its position at sea, it calls the nearest compass station and asks for a "bearing." The compass station then tells the ship operator to "go ahead." Whereupon the ship operator with his key transmits the letters "MO" over and over again. The operator in the compass station swings his loop around until at one point the signal from the ship comes to his ears louder than in any other position. The loop will be found to be pointing directly at the ship when this condition exists.

The compass station operator then gives the ship operator the reading of his compass—the one under the loop. The ship operator jots this down. Then he calls another compass station and follows the same procedure. When he has finished he has two readings—two imaginary lines drawn from the two compass stations to his ship. He knows the exact angles between these two lines and the base line of the two land stations. It is a simple process of triangulation to find out just how many miles from shore he is and just where he is located.

In fogs, on dark nights, the radio compass is the only means by which a ship can tell exactly

where it is. Many ships carry the rotating loops or compasses themselves and get their directions without a shore operator by pointing the loops at automatic beacon signals that tick away day and night up and down the coast. Each automatic beacon telegraphs a different letter. A ship operator can take a bearing on "A" and "M," figure his angles and know his location within a few minutes.

This is the system which is being applied to air-lane work. Beacon signals are to be installed at airports and a ship in air can take observations on one or more stations, and figure its position within a mile or so, even while flying through the clouds at 125 miles an hour. The major purpose of airplane radio compasses is to enable ships to locate other ships, as well as stations.

By means of the air-compass, also, a plane can find an airport at night, or in the dark, and once the field is located, automatic radio beams or rays, sprayed into the air, give it an invisible landing path, down which it glides from the upper spaces to safety. The first of the model air-craft radio compass instruments is being tested now, using two crossed loops for increased accuracy. Connected to these loops are both aural and visual signals so that an aviator may both see and hear his location signals while in flight.

Through the directional feeds which vibrate on the pilot's dashboard, and the new radio compass, the stabilizing gyroscope which keeps him level, and his self-recording altimeter, man will shortly be as much at home in the air as on the ground, and barring mechanical defects, as able to travel safely as along a highway. The problem of the air "road-hog" and the cloud speeder has not yet confronted him.

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THURSDAY Programs

243.8 Meters
1230 Kcys.

KYA

Prospect 3456
1000 Watts

Pacific Broadcasting Corp., San Francisco

- 9 to 10:45 a.m.—Recorded program; Erna Hall
- 10:45 to 11 a.m.—Dr. May C. Crichton
- 11 to 12 noon—California Sunshine Hour
- 12 to 2 p.m.—News casting; recordings
- 2 to 3 p.m.—Bridge Party Hour
- 3 to 5:30 p.m.—Recordings; Sunset Hour
- 5:30 to 5:35 p.m.—Mining stock quotations
- 5:35 to 6 p.m.—Recorded program
- 6 to 6:30 p.m.—"What's in the Sky," a story of the planets; music by Fred Heward, Mary Atkinson and Virginia Spencer
- 6:30 to 7 p.m.—Popular recordings
- 7 to 7:30 p.m.—George Taylor and the Boys
- 7:30 to 7:45 p.m.—Harmonettes; Greta, Helen, Yvonne
- 7:45 to 8 p.m.—"College Daze," with Toby and Babs
- 8 to 9 p.m.—Pacific Artists Trio
- 9 to 10 p.m.—Paul Kelli's Lido Cafe Orchestra
- 10 to 11 p.m.—Pacific Artists Trio; Gene Sullivan, soloist
- 11 to 1 a.m.—Dance and request recordings

325.9 Meters
920 Kcys.

KOMO

Elliot 5890
1000 Watts

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

- 7:40 a.m.—Inspirational services
- 7:45 a.m.—Aunt Jemima Boy, NBC
- 8 a.m.—Shell Happytime, KPO
- 9 a.m.—Gordon and Mary
- 9:15 a.m.—Meet the Folks, NBC
- 9:30 a.m.—Glidden Paint Co. program
- 9:45 a.m.—The Way to a Man's Heart
- 10 a.m.—Woman's Magazine of the Air, NBC
- 11 a.m.—Standard School broadcast, NBC
- 11:45 a.m.—Hour of Canny Cook, NBC
- 12 noon—Farm talk; fruit and veg. and grain reports
- 12:15 p.m.—Prudence Penny
- 12:30 p.m.—Orchestra and vocalists; ensemble
- 1:45 p.m.—Tea Timers, NBC
- 2 p.m.—Black and Gold Room Orchestra, NBC
- 2:15 p.m.—Concert orchestra
- 3 p.m.—Artistic Ensemble
- 3:30 p.m.—Orchestra and vocalists
- 3:45 p.m.—Totem Broadcasters; stock quotations
- 4 to 7 p.m.—NBC programs
- 7 p.m.—Garden Patch children's program
- 7:30 p.m.—Amos 'n' Andy, NBC
- 7:45 p.m.—Standard Symphony Hour, NBC
- 8:45 p.m.—Mozart Concert Hour
- 9 p.m.—Mozart Concert Hour; news
- 10 p.m.—Associated Dance Hour
- 11 p.m.—Herinan Kenin's Dance Orchestra
- 12:15 a.m.—Organ recital

309.1 Meters
970 Kcys.

KJR

Main 2495-2475
5000 Watts

Northwest Broadcasting System, Seattle, Wash.

- 7 a.m.—Organ recital; Egyptian Theatre
- 9:30 a.m.—Morning devotional services
- 9:40 a.m.—Sally Jo Walker and Grant Merrill
- 10 a.m.—Glen Eaton, tenor; Marjorie Robillard, piano
- 10:15 a.m.—Beauty talk; world in review; music
- 2:15 p.m.—Arcweld Entertainers; Beatrice Nelson, soprano
- 3 p.m.—Baseball game; Ken Stuart, announcer
- 5:15 p.m.—Union Oil Co.; Baron Keyes' Air Castles
- 5:30 p.m.—Market report; lost and found articles
- 5:50 p.m.—Garden talk by Cecil Solly
- 6 p.m.—Harry Reed, organist; Jean Kantner, baritone
- 6:30 p.m.—Dream Melodies; Betty Andersen, soprano; Sydney Dixon, tenor; Jan Naylor, cello; Kelpine Pair
- 7:30 p.m.—Orchestra; Elwin Pollack, trombone
- 8 p.m.—Jean Kantner, baritone; Betty Andersen, soprano; Sydney Dixon, tenor; Betty Harding and Vance Gerber
- 9 p.m.—Frank Horsfal, saxophone; Captivators' Male Quartet; Glen Eaton, tenor
- 9:30 p.m.—An Evening in Paris
- 10 p.m.—Ken Stuart's Sunshine program
- 10:30 p.m.—Song Birds; Pearle Dempsey, piano
- 11 p.m.—Vic Meyer's Club Victor Orchestra
- 12 midnight—Midnight Revellers

San Francisco

NBC

Sutter 1920

National Broadcasting Company

- 7:45 to 8 a.m.—The Aunt Jemima Boy, KGO, KHQ, KOMO, KGW, KECA, KSL
- 10 to 11 a.m.—Woman's Magazine of the Air, KGO, KHQ, KOMO, KGW, KPO, KFI; KSL, KOA, 10:20 to 10:40 a.m.
- 11 to 11:45 a.m.—Standard School Broadcasts, KGO, KHQ, KOMO, KGW, KPO, KFI
- Mishel Piastro, the distinguished violinist who is conducting the Standard Symphony Hour concerts, will appear as soloist during the Standard School Broadcasts today. The lesson theme for both classes is mood as expressed in music. The lectures are a continuation of those on descriptive music.
- 11:45 to 12 noon—The Canny Cook, KGO, KHQ, KOMO, KGW, KECA, KSL, KOA
- 1:30 to 1:45 p.m.—John and Ned, KGO, KGW
- 1:45 to 2 p.m.—Tea Timers, KGO, KOMO, KGW
- 2 to 2:30 p.m.—Black and Gold Room Orchestra, KGO; KOMO, 2 to 2:15 p.m.
- 2:30 to 3 p.m.—Phil Spitalny's Music from Hotel Pennsylvania Grill, KGO; KGW, 2:45 to 3 p.m.
- 3:30 to 4 p.m.—"A Half Hour in the Nation's Capital," KGO, KECA
- 4 to 5 p.m.—Fleischmann Hour, KGO, KHQ, KOMO, KGW, KECA

Rudy Vallee and his Connecticut Yankees have another date with the nation-wide audience. Besides singing, Vallee will be heard playing the saxophone and as director of the Connecticut Yankees band of 12 pieces.

5 to 5:30 p.m.—Arco Birthday Party, KGO, KHQ, KOMO, KGW, KECA

Wishing invisible guests in the radio audience "many happy returns of the day," the toastmaster will preside at another Arco Birthday Party.

One or more famed personages will be reincarnated and will appear as the guests of honor at the party. Music will be provided by male and string quartets.

5:30 to 6 p.m.—Maxwell House Melodies, KGO, KHQ, KOMO, KGW, KECA

Another half hour of Maxwell House Melodies will be heard when Harold Sanford and his orchestra present their weekly program under this title.

6 to 7 p.m.—RCA Hour, KGO, KHQ, KOMO, KGW, KFI

Devoted entirely to the melodies of Victor Herbert, Gladys Rice and Lucy Marsch, sopranos; Wilfred Glenn, bass, and Lewis James, tenor, will be heard in requested solos, while Nathaniel Shilkret will direct a concert orchestra and a salon group in the instrumental offerings.

7:30 to 7:45 p.m.—Amos 'n' Andy, KGO, KHQ, KOMO, KGW, KECA

7:45 to 8:45 p.m.—Standard Symphony Hour, KGO, KHQ, KOMO, KGW, KFI

Two violin solos by Mishel Piastro will be high lights of the Standard Symphony Hour concert. Piastro, who is conducting the newly-organized Standard Symphony Orchestra in these weekly presentations, will be heard in Achron's arrangement of Mendelssohn's "On Wings of Song" and in the Pugnani-Kreisler "Praeludium and Allegro."

8:45 to 9 p.m.—Parks Sisters, KGO, KHQ, KOA

9 to 9:30 p.m.—Memory Lane, KGO, KHQ, KGW, KECA

Headed by Billy Page, the "Memory Lane" players will be on the air tonight. H. C. Connette is the author of this record-breaker radio serial which has Goshen Center for its setting.

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

10 to 11 p.m.—The National Concert Orchestra, KGO, KOA

Max Dolin's National Concert Orchestra and two vocal soloists will furnish the 60-minute program.

265.3 Meters
1130 Kcys.

KSL

Wasatch 3901
5000 Watts

Radio Service Corp., Salt Lake City, Utah

- 4 to 7:45 p.m.—NBC programs
- 7:45 p.m.—Floyd Gibbons on Prohibition
- 9 p.m.—Organ recital
- 9:30 p.m.—"Blue Blaze Fireside Entertainers"
- 10 p.m.—Informal musical program
- 10:15 p.m.—Milt Taggart's Odeon Orchestra
- 11 p.m.—"Vagabond of the Air"

THURSDAY Programs

**535.4 Meters
560 Kcys.**

KTAB

**Garfield 4700
1000 Watts**

Pickwick Broadcasting Co., Oakland, Calif.

6:30 to 7:30 a.m.—Studio program; health exercises
7:30 to 8 a.m.—"Red Hat" program
8 to 9 a.m.—Classical recordings; Dr. Keys
9 to 9:30 a.m.—Morning Prayer Hour
9:30 to 10 a.m.—Dr. J. Douglas Thompson
10 to 10:30 a.m.—Household Hour with Alma La Marr
10:30 to 1 p.m.—Dr. B. L. Corley; studio program
1 to 1:45 p.m.—Chapel of Chimes; records
1:45 to 2:40 p.m.—Dr. Wade Forrester; records
2:40 to 5 p.m.—Baseball; records
5 to 5:15 p.m.—The Story Man and His Air Castle
5:15 to 6 p.m.—Brother Bob's Frolic Hour
6 to 6:30 p.m.—Date Book program; studio program
6:30 to 7 p.m.—Organ selections
7 to 7:30 p.m.—Louis Margi's Hawaiians
7:30 to 7:45 p.m.—Walter J. Rudolph, pianist; Dorothy Nichols, cellist
7:45 to 8 p.m.—"Medieval" program
8 to 9 p.m.—"Highway Highlights"
9 to 10:30 p.m.—Melody Quintette; studio program
10:30 to 11:30 p.m.—Sweet's Ballroom Orchestra
11:30 to 1 a.m.—Dance records

**315.6 Meters
950 Kcys.**

KFWB

**Hollywood 0315
1000 Watts**

Warner Brothers, Hollywood, California

8:30 to 10 a.m.—Orpheus Sextet; Feature Trio
10 to 10:30 a.m.—Ted Dahl's Orchestra
10:30 to 11:30 a.m.—Jean Cowan and Syncopators
11:30 to 12:30 p.m.—String orchestra; Nelson Case, soloist
12:30 to 2:10 p.m.—Variety Serenaders; Boswell Sisters
2:10 p.m.—Baseball game; Radio Varieties
6 to 6:30 p.m.—The Pacific Salon Orchestra
6:30 to 7 p.m.—Harry Jackson's Entertainers
7 to 7:10 p.m.—Cecil and Sally
7:10 to 8 p.m.—"The Daffodils" with "Daffy" Duke Atterbury as Master of Ceremonies
8 to 9 p.m.—Dance orchestra; Ann Grey and Buster Dees, soloists
9 to 9:30 p.m.—"Etchings in Jazz"
9:30 to 10 p.m.—The Southlanders; Vernon Rickard, tenor
10 to 10:30 p.m.—Irving Aaronson's Commanders
10:30 to 11:30 p.m.—Ben Bernie's Orchestra

**285.5 Meters
1050 Kcys.**

KNX

**Hempstead 4101
5000 Watts**

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

6:45 to 8 a.m.—Physical exercises by Dr. P. M. Seixas
8 to 8:15 a.m.—Adams Lab. program, "Bandits"
8:15 to 9:15 a.m.—Hollywood Breakfast Club
9:15 to 9:30 a.m.—Georgia O. George courtesy program
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—"Be Young, Be Happy," Eddie Al-bright's "family"
10:30 to 11 a.m.—Household economics
11 to 12 noon—KNX Symphony
12 to 12:30 p.m.—"The Musical Lunch Box"
1:30 to 2 p.m.—Reading interesting books
2 to 2:30 p.m.—Program of L. A. Eve, Exp. classified
2:30 to 3 p.m.—French lessons by Edgard Leon
3 to 3:30 p.m.—Organ program given by Lucie Lee
3:30 to 4 p.m.—Louise Johnson, astroanalyst
4 to 4:30 p.m.—"The Nutcrackers," assisted by the Piano Twins
4:30 to 5 p.m.—C. P. R.'s musical program
5 to 5:15 p.m.—E. C. Griffith's talk on "Travel"
5:15 to 5:45 p.m.—Big Brother Ken's Kiddie Hour
5:45 to 6 p.m.—Town Cryer's timely amusement tips
6 to 7 p.m.—Forrest Stove, presenting Country Jane
7 to 7:30 p.m.—"Famous Sporting Events"
7:30 to 8 p.m.—KNX musical program
8 to 8:30 p.m.—"Under the Make-Up"
8:30 to 9 p.m.—Feature program presenting KNX artists
9 to 9:15 p.m.—Program of electrical transcription
9:15 to 9:45 p.m.—"Don Amalzo" (recordings)
9:45 to 10 p.m.—Boyer, the Society Perfumer
10 to 12 midnight—Johnny Hamp and his Kentucky Serenaders

**340.7 Meters
880 Kcys.**

KLX

**Lake 6000-6015
500 Watts**

Tribune Publishing Co., Oakland, Calif.

6:30 to 8 a.m.—Records; stocks; exercises
8 to 9:30 a.m.—Jean Kent; Modern Homes
9:30 to 10:15 a.m.—Clinic of the Air
10:15 to 10:30 a.m.—San Francisco stocks; weather
10:30 to 11 a.m.—Breuner's Radiola program
11 to 12 noon—Classified Adv. Hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2:40 p.m.—Jean's Hi-Lights; records; stocks
2:40 to 4:30 p.m.—Baseball: Oaks vs. San Francisco
4:30 to 5 p.m.—Chas. T. Besserer, organist
5 to 6 p.m.—Brother Bob's Club; Edgar Russell
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News items
7:30 to 8 p.m.—Ethel Rhinard and Cora Scott
8 to 9 p.m.—Burke S. Calfee and his Banjoliers; Mel-ody Man
9 to 9:30 p.m.—Gospel hymns by M. J. Goodman, tenor, and Helen Wegman Parmelee, accompanist
9:30 to 10 p.m.—Will R. Hill, old home poet, in "Neath the Old Hanging Lamp"
10 to 11 p.m.—Machado's KLX Hawaiians
11 to 12 midnight—Dance program

**483.6 Meters
620 Kcys.**

KGW

**Atwater 2121
1000 Watts**

The Morning Oregonian, Portland, Oregon

6:45 a.m.—Devotions; Bagdad Theater organ
7:45 a.m.—Aunt Jemima, NBC
8 a.m.—Shell Jappytime, KPO
9 a.m.—Columbia National Bank
9:06 a.m.—Town Cryer; Barbara Gould
10 a.m.—Woman's Magazine of the Air, NBC
11 a.m.—Standard School broadcast, NBC
11:45 a.m.—The Canny Cook, NBC
12 noon—Powers' Pled Piper
12:30 p.m.—Grand Central Marketeers
1:30 p.m.—John and Ned, NBC
1:45 p.m.—Tea Timers, NBC
2 p.m.—Among Ourselves
2:45 p.m.—Phil Spitalny's Orchestra, NBC
3 p.m.—Masterworks; Marian Miller
4 p.m.—Fleischmann Sunshine Hour, NBC
5 p.m.—Arco Birthday Party, NBC
5:30 p.m.—Maxwell House Melodies, NBC
6 p.m.—RCA Hour, NBC
7 p.m.—Songs of Romance
7:30 p.m.—Amos 'n' Andy, NBC
7:45 p.m.—Standard Symphony Hour, NBC
8:45 p.m.—Mac and Al
9 p.m.—Memory Lane, NBC
9:30 p.m.—Tommy Luke's Flower Girls
9:45 p.m.—Boyer, the Society Perfumer
10 p.m.—Cecil and Sally
10:15 p.m.—Associated Dance Band, KOMO
11 p.m.—Fulops' program, NWT

**526 Meters
570 Kcys.**

KMTR

**Hollywood 3026
500 Watts**

KMTR Radio Corp., Hollywood, California

6 to 6:30 a.m.—Discovery Hour
6:30 to 7 a.m.—Charlotte Burgess, psychologist
7 to 9 a.m.—Breakfast Club and New Idea Man
9 to 9:15 a.m.—Mildred Kitchen, Economics
9:15 to 10 a.m.—Health Man; records
10 to 10:30 a.m.—Louise Howatt, Happiness Girl
10:30 to 11 a.m.—Ralph Little's Orchestra
11 to 11:45 a.m.—Westlake String Ensemble
11:45 to 12 noon—Talks by public and civic officials
12 to 12:15 p.m.—"World in Review"
12:15 to 1:15 p.m.—Prosperity Hour
1:15 to 2:30 p.m.—Banjo Boys; late records
2:30 to 3 p.m.—Spanish program
3 to 4 p.m.—Palais Ballroom Orchestra
4 to 5:15 p.m.—Records; Trading Post program
5:15 to 5:45 p.m.—Selected records
5:45 to 6:30 p.m.—"Reporter of the Air;" organ recital
6:30 to 7 p.m.—"Jane and Jean," Nat Winecoff, tenor
7 to 7:15 p.m.—The Evening Herald vacation talk
7:15 to 8 p.m.—Tom Mitchell; "Fishing talk," J. Boaz.
8 to 8:30 p.m.—Personality program of movie stars
8:30 to 9 p.m.—Egyptian Theater of the Air
9 to 9:30 p.m.—Palais Ballroom Orchestra
9:30 to 10 p.m.—Recreated prizefight
10 to 11 p.m.—Dance orchestra
11 to 12 midnight—"The 11th Hour Musical Review"
12 to 1 a.m.—"8 Ball" and Charlie Lung

THURSDAY Programs

**440.9 Meters
680 Kcys.**

KPO

**Kearny 0704
5000 Watts**

Hale Bros. & The Chronicle, San Francisco
7 to 8 a.m.—Health exercises with Professor Bob and "Wee Willie" Hancock
8 to 9 a.m.—The Shell Happytime, Hugh Barrett Dobbs
9:30 to 10 a.m.—Walter W. Cribbins
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.—Scripture reading, weather, announcements
12:05 to 12:30 p.m.—Snapshots—programs in miniature
12:30 to 1:30 p.m.—Shrine luncheon broadcast from Palace Hotel
1:30 to 2 p.m.—Julia Hayes, "Helpful Hints"
2 to 2:10 p.m.—E. A. Pierce stock reports
2:10 to 2:45 p.m.—Dee and Dee; The Auburn Girl
2:45 to 4:30 p.m.—Get Associated with Baseball
4:30 to 5:20 p.m.—Children's Hour
5:20 to 5:30 p.m.—E. A. Pierce stock reports
5:30 to 5:45 p.m.—Date Book, edited by Stuart Strong
5:45 to 6 p.m.—Federal Business Association talk
6 to 7 p.m.—Reo Masters of Music
7 to 8 p.m.—North Americans
8 to 8:30 p.m.—Caswell Musical Episode
8:30 to 9:15 p.m.—Musical Capers; Cecil and Sally
9:15 to 9:30 p.m.—Meeting in the Tavern
9:30 to 10 p.m.—"Packard Program," KPO and KFI
10 to 11 p.m.—Joe Wright's Dance Orchestra

**468.5 Meters
640 Kcys.**

KFI

**Westmore 0337
5000 Watts**

Copyright, 1930, E. C. Anthony, Inc., L. A.
7:30 a.m.—Market reports; Gertrude Gussell, ballads
8 a.m.—Shell Happytime from KPO
9 a.m.—Herbie Scharlin, song and patter
9:30 a.m.—Frances Hancock, "Mental Exercises"
10 a.m.—Woman's Magazine of the Air, NBC
11 a.m.—Standard School broadcast, NBC
12 noon—U. C. and U. S. Dept. of Agriculture talk
12:15 p.m.—Federal and state market reports
2:15 p.m.—Winnie Fields Moore
2:30 p.m.—Los Angeles Fire Department Orchestra
3:30 p.m.—Sylvia's Happy Hour
4:15 p.m.—KFI News Bureau; Big Brother
5 p.m.—Baron Keyes, The Story Man
5:30 p.m.—Dr. H. Edw. Myers; stock reports
6 p.m.—R. C. A. Hour, NBC
7 p.m.—Grace Hamilton and Jack Stern, ballads
7:45 p.m.—Standard Symphony Hour, NBC
8:45 p.m.—Arthur Lang and concert ensemble
9:15 p.m.—Leighton's Orchestra; Harry Golub, tenor
9:30 p.m.—KFI Symphonet, with Two Shades of Blue
10:30 p.m.—Cafe Max Fisher

**204 Meters
1470 Kcys.**

KGA

**Main 3434
5000 Watts**

Northwest Broadcasting System, Spokane, Wash.
8 a.m.—Popular music; news
9 a.m.—Central Market program
9:30 a.m.—Miss Spokane Musicale; Friendly Hour
11 a.m.—Crescent Manufacturing Co. program
12 noon—Riegel Bros. concert
12:30 p.m.—Music; news; market reports
1 p.m.—Gold Seal program; dental clinic
2 p.m.—Hillyard Shopping Guide
2:30 p.m.—Popular Melange; bargain matinee
3:30 p.m.—Tea Hour concert; Good News Magazine
4:30 p.m.—Uncle Andy and the kiddies
5:15 p.m.—Baron Keyes' Air Castles
5:30 p.m.—Dinner music; KGA Old Timers
6:15 p.m.—Lake's Memory Album
6:30 p.m.—Dream Melodies; Betty Andersen, soprano; Sydney Dixon, tenor; Jan Naylor, cello
7 p.m.—Hometowners Orchestra; Edwin Pollack, trombone
8 p.m.—Jean Kantner, baritone; Betty Andersen, soprano; Sydney Dixon, tenor; Betty Harding, Vance Gerber, duo
9 p.m.—Frank Horsfal, saxophone; Captivators' Male Quartet; Glen Eatou, tenor
9:30 p.m.—Zac Kalbach's Hometowners Orchestra, NBS
10 p.m.—Request program

**322.4 Meters
930 Kcys.**

KROW

**Glencourt 6774
1000 Watts**

Educational Broadcasting Corp., Oakland, Calif.
8 a.m.—Wade Forrester, Health Questions; Gloom Chasers' Orchestra; the Tropical Trio
11 a.m.—Classical recordings
11:30 a.m.—Retail Grocers' Association
1:30 p.m.—Music Memories, Lillian Boyd
2 p.m.—Studio program; Household Hints
3:30 p.m.—Hayseed program by Bill Simmons, "Yodeling Cowboy;" Eddie McCarty, harmonica; Slim Fey, violinist
4 p.m.—Studio program; Dentpro Hour
4:30 p.m.—Fox West Coast Theaters Frolic
5 p.m.—Wade Forrester's Hour of Sunshine
7:30 p.m.—Complete baseball results
7:45 p.m.—"The Ne'er Do Well"
8 p.m.—The Watch Tower program; Bible lecture, "The Human Soul—Discovered, Defined"
8:15 p.m.—Music Memories, Lillian Boyd
8:45 p.m.—Studio program
9 p.m.—Gustave Hoffman's Orchestra Supreme
10 p.m.—Union Mutual Life program
10:05 p.m.—Elmer Keeton's Brown-Favorites

**322.4 Meters
930 Kcys.**

KFWI

**Franklin 0200
500 Watts**

Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Frank Roefers' setting up exercises
9 to 10 a.m.—Cal King; records and announcements
10 to 10:30 a.m.—Sally Lewis, concert pianist
10:30 to 10:50 a.m.—Dr. T. G. Linebarger, health talk
10:50 to 11 a.m.—Items of interest
12 to 12:45 p.m.—Dance music and announcements
12:45 to 1 p.m.—Dr. E. A. Wiseman, health questions
1 to 1:30 p.m.—Cal King's Country Store
6 to 7 p.m.—Dinner Hour program
7 to 7:30 p.m.—Coast Auto Company program
11 to 1 a.m.—Dance music; Midnight Classics

**239.9 Meters
1250 Kcys.**

KFOX

**Phone: 672-81
1000 Watts**

Nichols & Warinner, Long Beach, Calif.
5 to 12:45 p.m.—Music, talks and news items
12:45 to 1:50 p.m.—Cherrio Boys; Health & Efficiency
1:50 to 2:30 p.m.—Doris & Clarence; Rolly Wray
2:30 to 3 p.m.—Sunset Harmony Boys
3 to 3:30 p.m.—Pianistic Pansy; Today in History
3:30 to 4:15 p.m.—Organ recital; late news
4:30 to 4:45 p.m.—Violets Tiny Tots Hour
4:45 to 5 p.m.—Jones Harmony Four
5 to 6:15 p.m.—Hollywood Girls; "Em & Clem"
6:15 to 6:30 p.m.—Percy at the Phone
6:30 to 6:45 p.m.—Sunset Harmony Boys
6:45 to 7 p.m.—The Three Vagabonds
7 to 7:15 p.m.—Buttercream School Kids
7:15 to 7:30 p.m.—Ezra and Abie
7:30 to 8 p.m.—Vest Pocket Minstrels; Cherrio Boys
8 to 9 p.m.—Bennie Light and Mark Cook
9 to 9:30 p.m.—Foster and Doris; organ recital
9:30 to 10 p.m.—Everett Hoagland Troubadours
10 to 11 p.m.—Young Folks at Home
11 to 12 midnight—Majestic Ballroom Orchestra
12 to 1 a.m.—Everett Hoagland Troubadours
1 to 3 a.m.—The Knight Fox

**254.1 Meters
1180 Kcys.**

KEX

**Atwater 3111
5000 Watts**

Western Broadcasting Co., Portland, Ore.
7 a.m.—Morning Serenaders
8 a.m.—The Clock; Oregon Journal news
9 a.m.—Piano concert by Ronald Buck
10 a.m.—Castle organ concert
10:30 a.m.—Shopping service featuring Allen Daniels
12 noon—Time; weather; World Bookman
12:05 p.m.—Happy Hour Girls
1:05 p.m.—Newscasting; Alice Allison, banjoist
1:30 p.m.—Castle organ concert
2 p.m.—Dental lecture; Bookworm; afternoon matinee
5:15 p.m.—Children's Hour; Bulletin; song contest
8 p.m.—Popular dance concert
9 p.m.—Hits of Yesterday; Frank Horsfal, saxophone; Captivators Male Quartet; Glen Eaton, tenor; NBS
9:30 p.m.—Hometowners Orchestra, NBS
10 p.m.—Thomas and Tessie; records
10:30 p.m.—Jack and Jill Tavern Orchestra
11:30 p.m.—Time; weather, police reports; news
11:40 p.m.—Midnight Matinee

**SM**

Here's a New Amplifier
With a Wallop
You'll Never Forget!

New S-M 692 Amplifier Marks Distinct Advance in the Art

Power, and more power—more gain than you ever imagined could come out of a three-stage amplifier—that's the new S-M 692.

Tone quality—a flat curve (within 2 DB) from 60 to 12,000 cycles—within 4 DB from 44 to 13,000 cycles. Set one up—give it a big job to do—watch it do it—and you'll know why we feel so proud of it!

You'll notice right away the difference in the "highs"—the usual falling-off around 6,000 cycles simply doesn't start till up around 11,000. Bass reproduction is full, but without over-emphasis. Voltage amplification totals 4,000—three times the usual three-stage total! With proper input there is plenty of gain—as high as 90,000—even for "distant" microphone pickup—or 20,000 from a standard phonograph pickup. High resistance input—operate the 692 out of any source of impedance up to 100,000 ohms. Operate it directly into any speaker system—five taps give output impedances from 8 to 125 ohms—eliminating any possible distortion in speaker transformer.

The 692 requires six tubes: 1—'24, 1—'45, 2—'50, and 2—'81 rectifiers. In spite of the truly remarkable superiority of performance which it shows, from every standpoint, the price which has been set upon it reflects the important production economies now being realized in the new S-M plant.

Mechanically and electrically, the unit has been made as fool-proof as possible. The tubes are shielded both electrically and mechanically by a heavy-gauge tube guard. All of the power equipment is mounted on the upper side of the chassis to minimize hum and other troubles from the power supply. All of the audio-frequency circuits are isolated on the under side of the chassis. A false bottom covers all of the equipment on the under side of the chassis, and a momentary contact switch actuated by a special tie rod prevents either the false bottom or the cover being removed without first breaking the 110-volt supply. This makes it impossible to receive a shock when either of these is removed.

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ELECTRIC SUPPLY COMPANY

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Oakland, Calif.

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Dealers ✓ Experimenters ✓ Set Builders

*Send for our new 100-page Catalog—just off the press
It's yours for the asking*

FRIDAY Programs May 23, 1930



Gordon Brown
KQW—Announcer

★ BEST BETS TODAY ★		
TIME	STATION	PROGRAM



Clair E. Morrison
KYA—Manager

535.4 Meters **KTAB** **Garfield 4700**
560 Kcys. **1000 Watts**
Pickwick Broadcasting Co., Oakland, Calif.
 6:30 to 7:30 a.m.—Studio program; health exercises
 7:30 to 8:30 a.m.—“Red Hat” program; Towne Cryer
 8:30 to 9 a.m.—Dr. Wade Forrester
 9 to 9:30 a.m.—Morning Prayer Hour
 9:30 to 10 a.m.—Household Hints with Julia Hayes
 10 to 10:30 a.m.—Household Hour with Alma La Marr
 10:30 to 1 p.m.—Dr. Corley; studio program
 1 to 1:30 p.m.—Chapel of Chimes organ period
 1:30 to 2:40 p.m.—Recordings; Dr. Wade Forrester
 2:40 to 5 p.m.—Baseball; studio program
 5 to 5:15 p.m.—The Story Man and His Air Castle
 5:15 to 6 p.m.—Brother Bob's Frolic Hour
 6 to 6:30 p.m.—Date Book program; studio program
 6:30 to 7:15 p.m.—Chapel of Chimes; Hall of Fame
 7:15 to 8 p.m.—Records; Alice Blue, piano and organ
 8 to 10 p.m.—“Miniatures”; Melody Quintette
 10 to 11:30 p.m.—Studio program; dance orchestra
 11:30 to 1 a.m.—Program of records

243.8 Meters **KYA** **Prospect 3456**
1230 Kcys. **1000 Watts**
Pacific Broadcasting Corp., San Francisco
 9 to 11 a.m.—Recordings; Dr. Bond
 11 to 12 noon—California Sunshine Hour
 12 to 2 p.m.—News; popular recordings
 2 to 3 p.m.—Bridge Party Hour
 3 to 4:30 p.m.—Cabbages and Kings; records
 4:30 to 5:35 p.m.—Sunset Hour; stock quotations
 5:35 to 7 p.m.—Recordings; Metro and Cosmo
 7 to 7:30 p.m.—George Taylor and the Boys
 7:30 to 8 p.m.—Lloyd K. Hillman's 1640 Boys
 8 to 9 p.m.—Calendar of the Air
 9 to 10 p.m.—Paul Kelli's Lido Cafe Orchestra
 10 to 11 p.m.—Pacific Artists Trio, with George Nickson and Greta Gahler
 11 to 1 a.m.—Dance and request recordings

265.3 Meters **KSL** **Wasatch 3901**
1130 Kcys. **5000 Watts**
Radio Service Corp., Salt Lake City, Utah
 4 to 7:45 p.m.—NBC programs
 7:45 p.m.—Floyd Gibbons on Prohibition
 8 p.m.—Utah Hour; Sowercroft Hour
 9 p.m.—Eastman Kodak
 11 p.m.—“Vagabond of the Air”

361.2 Meters **KOA** **York 5090**
830 Kcys. **12,500 Watts**
General Electric Co., Denver, Colorado
 4 to 5 p.m.—Cities Service Concert Orchestra—Jessica Dragonette and the Cavaliers
 5 to 6 p.m.—Interwoven Pair; Armour program
 6 to 7 p.m.—Armstrong Quakers; Raleigh Revue
 7 to 7:30 p.m.—Network program; string trio
 7:30 to 7:45 p.m.—Amos 'n' Andy
 7:45 to 8 p.m.—Literary Digest Prohibition Poll
 8 to 8:15 p.m.—Sally Mason, crooner
 8:15 to 8:30 p.m.—Ralph Hansell, xylophonist
 8:30 to 8:45 p.m.—Colorado Sunshiners
 8:45 to 9:15 p.m.—The Old Stagecoachers
 9:15 to 9:45 p.m.—Kodak week-end program
 9:45 to 10 p.m.—Aces of Harmony
 10 to 11 p.m.—Mystery serial; Pacific Nomads

483.6 Meters **KGW** **Atwater 2121**
620 Kcys. **1000 Watts**
The Morning Oregonian, Portland, Oregon
 6:45 a.m.—Devotional services; organ
 7:45 a.m.—Aunt Jemima, NBC
 8 a.m.—Shell Happytime, KPO
 9 a.m.—Columbia National Bank; Town Cryer
 9:30 a.m.—Betty Crocker, NBC; Town Cryer
 10 a.m.—DuBarry talk, NBC
 10:15 a.m.—Heinz Food talk, NBC
 10:30 a.m.—Woman's Magazine of the Air, NBC
 11:30 a.m.—Masterworks; Powers' Pied Piper
 12:30 p.m.—Grand Central Marketeers
 1:30 p.m.—Air Transport talk
 1:45 p.m.—St. Francis Hotel Orchestra, NBC
 2 p.m.—Among Ourselves; Masterworks
 3:15 p.m.—Marian Miller
 3:30 p.m.—Palace Laundry features
 4 to 7:15 p.m.—NBC programs
 7:15 p.m.—Benefit Savings & Loan
 7:30 p.m.—Amos 'n' Andy, NBC
 7:45 p.m.—Literary Digest, NBC
 8 p.m.—Seth Thomas Clock program
 8:05 p.m.—Gill Seed talk; Ole and the Girls
 8:15 p.m.—Walk-Over Stroller
 8:45 p.m.—Tone Pictures, NBC
 9:15 p.m.—Kodak Week-end program, NBC
 9:45 p.m.—Froskist Ice Cream Co.
 10 p.m.—Cecil and Sally; Hoot Owls

254.1 Meters **KEX** **Atwater 3111**
1180 Kcys. **5000 Watts**
Western Broadcasting Co., Portland, Ore.
 7 a.m.—Morning Serenaders
 8 a.m.—The Clock; Oregon Journal news
 9:45 a.m.—Devotional service; organ concert
 10:30 a.m.—Shopping service featuring Allen Daniels
 11:30 a.m.—Billy's Hawaiians; Happy Hour Girls
 1:05 p.m.—Piano recital; organ; Dental lecture
 2 p.m.—Dental lecture
 4:30 p.m.—Musical comedy song recital
 5:15 p.m.—Children's Hour; Bulletin
 6 p.m.—Around the world with Captain Salisbury
 6:15 p.m.—Popular concert; Motor Playmates
 7 p.m.—Dance music; Musical Potpourri; NBS
 8 to 9 p.m.—Damski's Neapolitans; Betty Andersen, soprano; Sydney Dixon, tenor; Signor Meriglioli, flute; Mabel Mohrman, piano; NBS
 9:30 p.m.—A Night in India with the White Wizard
 10 p.m.—Melvin and Merciful; records
 10:30 p.m.—Jack and Jill Tavern Orchestra
 11:30 p.m.—Time; weather, police reports; news
 11:40 p.m.—Midnight Matinee

Transformer Corporation Enters Set Field

WORD comes from E. J. Dykstra, General Sales Manager for the Transformer Corporation of America, that this company, in addition to supplying many of the trade's outstanding receiver manufacturers with electrodynamic speakers, coils, chokes, etc., will launch a radio receiver, to be known as T. C. A. Radio, and of course manufactured under license granted by Radio Corporation of America and Associated Companies.

Mr. Dykstra calls attention to Transformer Corporation's unusual record in recent years—a phenomenal growth from a small organization to a highly organized group, handling a volume of business requiring more than 200,000 square feet of factory space for manufacturing facilities and a sales organization of national scope.

The new T. C. A. Radio embodies all the modern technical developments; three screen-grid tubes employed as radio frequency amplifiers in cascade, power detection and 245 tubes in push-pull operating an electrodynamic speaker of advanced design; housed in unusually rich looking cabinets. Several console models will be announced in detail in the near future.

Mr. Dykstra states that T. C. A. engineers have achieved their goal after research and experimental work covering a period of eight months. Actual test reports from every part of the country indicate that their efforts to produce an outstanding receiver have been realized in every respect—sensitivity, selectivity and tone fidelity.

The introduction of T. C. A. Radio by the Transformer Corporation of America, Mr. Dykstra believes, is a natural development as a result of the company's unusual knowledge of radio principles and products, and their ability to fabricate a radio complete under one roof—down to the last nut and bolt.

Mr. Dykstra stresses this point as an all-important factor in the manufacture of a radio receiver, and believes that well planned production economies will go far toward raising the standard of radio values offered the American public in the future.

To quote Mr. Dykstra's own words, "The large number of failures among radio manufacturers during the latter half of 1929 is attributable in a large measure to lack of definite

information regarding production, its costs and pitfalls. We feel that we are prepared to cope with the production problem to the ultimate benefit to the consumer. The whole tone of the radio industry will be raised only when maximum value is offered to the public at a price which the consumer can afford and which permits the manufacturer, jobber and dealer to make their legitimate profit."

We find that Mr. Dykstra, who modestly declines to talk about himself, is a radio executive of wide experience and valuable associations, who brings into the T. C. A. organization a wealth of sound merchandising ideas. He says "The T. C. A. Sales machinery is already functioning one hundred per cent in nearly every state in the Union, and the reports coming in every day from our district sales managers are highly encouraging. T. C. A. is on its way."

Transformer Corporation's comprehensive advertising schedule is already taking shape under the management of Mr. W. E. Hall, formerly director of sales promotion for Silver Marshall. Mr. Hall states that it is planned to give T. C. A. jobbers and dealers every possible coöperation from the standpoint of publicity and advertising.

Mr. Dykstra, recently in San Francisco, is very optimistic about the outlook for the T. C. A. receivers here on the Coast. This is Mr. Dykstra's second visit to the Coast in thirty days. The James P. Hermans Company, 585 Mission Street, San Francisco, are representatives for the Transformer Corporations here on the Pacific Coast.

Harold Dana, NBC baritone at the San Francisco studios, plays the piano almost as well as he sings. As a consequence, Harold is drafted oftentimes into accompanying his fellow singers and can be found many times running through a song for someone who believes he needs a special rehearsal.

* * *

The business of "trooping" is getting to be a regular thing with the KFRC Jamboreadors. Hardly a week-end passes but a gang of them isn't found back in the hinterland putting on a show.

FRIDAY Programs

San Francisco

NBC

Sutter 1920

National Broadcasting Company

- 7:45 to 8 a.m.—The Aunt Jemima Boy, KGO, KHQ, KOMO, KGW, KECA, KSL, KOA
- 9:30 to 9:45 a.m.—Betty Crocker Gold Medal Home Service Talks, KGO, KHQ, KOMO, KGW, KFI
- 10 to 10:15 a.m.—Du Barry Radio Program, KGO, KHQ, KOMO, KGW, KFI, KSL
- 10:15 to 10:30 a.m.—Josephine B. Gibson, Food Talk, KGO, KHQ, KGW, KOMO
- 10:30 to 11:30 a.m.—Woman's Magazine of the Air, KGO, KGW, KPO, KFI; KHQ, KOMO, 10:30 to 11:10 a.m.; KSL, 10:50 to 11:10 a.m.
- 12 to 1 p.m.—Pacific Feature Hour, KGO, KOA; KOMO, 12:30 to 1 p.m.

Delving into the classics, Max Dolin has come forth with an hour's program which he and his orchestra, with the assistance of a vocal soloist, will present.

- 1:30 to 2 p.m.—Hotel St. Francis Salon Orchestra, KGO; KGW, 1:45 to 2 p.m.
- 2:30 to 3 p.m.—Don Bigelow and His Hotel Park Central Orchestra, KGO; KOMO, 2:30 to 2:45 p.m.
- 3:15 to 3:30 p.m.—Universal Safety Series, KGO, KOMO
- 4 to 5 p.m.—Cities Service Concert Orchestra—Jessica Dragonette and the Cavaliers, KGO, KHQ, KOMO, KGW, KECA

Both classical and popular music will hold sway in the hour's program. John Seagle, baritone, will have one solo, "Looking at You." A two-piano team will also have an inning with the presentation of a medley of popular songs.

- 5 to 5:30 p.m.—Interwoven Pair, KGO, KHQ, KOMO, KGW, KFI
- Snappy jokes and songs will alternate when the Interwoven Pair entertain the NBC System in a half hour's program.

- 5:30 to 6 p.m.—Armour Program, KGO, KHQ, KOMO, KGW, KFI

Thirty minutes of music chosen from semi-popular and light classic repertoires will be heard during the broadcast from Chicago.

- 6 to 6:30 p.m.—Armstrong Quakers, KGO, KHQ, KOMO, KGW, KFI

The Armstrong Quakers will make their customary call on Lois Bennett, the Quaker Girl. After gathering in the home of the Quaker Girl, the Armstrong Quakers will proceed to serenade her with songs and instrumental music and she in turn will sing two solos for them.

- 6:30 to 7 p.m.—Raleigh Revue, KGO, KHQ, KOMO, KGW, KECA

Special arrangements of a long list of popular airs, including the University of Maine "Stein Song," are programmed for tonight's Raleigh Revue.

- 7 to 7:15 p.m.—Elgin Program, KGO, KHQ, KOMO, KGW, KECA

- 7:15 to 7:30 p.m.—Three Violins, KGO, KOMO

Three violins will be heard in a 15-minute recital directed by Max Dolin and released through the NBC System beginning at 7:15 o'clock tonight.

- 7:30 to 7:45 p.m.—Amos 'n' Andy, KGO, KHQ, KOMO, KGW, KECA

- 7:45 to 8 p.m.—Literary Digest Prohibition Poll and Latest World News Flashes, Interpreted by Floyd Gibbons, KGO, KHQ, KOMO, KGW, KECA

- 8 to 8:15 p.m.—Ole and the Girls, KGO, KHQ; KGW, 8:05 to 8:15 p.m.

Ole and the Girls will be on hand to lend a little comedy and music of the vaudeville brand. A bare thread of a plot runs through the Ole and the Girls skit, which features for the most part the Swede dialect of Dick Le Grand as Ole and the songs of the Apple Sisters, Imelda Montagne and Marjorie Primlee.

- 8:45 to 9:15 p.m.—Tone Pictures, KGO, KHQ, KOMO, KGW, KFI

Donald Novis, youthful Atwater Kent audition prize winner, will be the tenor soloist. The other singers on this unique program of music will be the Rounders, a male quartet. Dudley Chambers is director and arranger for the group.

- 9:15 to 9:45 p.m.—Kodak Week-end Hour, KGO, KHQ, KOMO, KGW, KECA, KSL, KOA

"The Kodak Girl" will signal again the Kodak Week-end Hour with Max Dolin directing and Gail Taylor and Irving Kennedy as the soloists.

- 9:45 to 10 p.m.—John and Ned, KGO, KHQ, KOA
- 10 to 10:30 p.m.—Mystery Serial, KGO, KOA

Lisle Frawley, most recent victim of the mysterious kidnaper who has been terrorizing her city, receives a visit from her captor during this episode of "The Cross-Eyed Parrot."

- 10:30 to 11 p.m.—Pacific Nomads, KGO, KOA

A complete string orchestra with organ and Lucile Kirtley, soprano, will be heard when Charles Hart's Pacific Nomads go on the air.

**440.9 Meters
680 Kcys.**

KPO

**Kearny 0704
5000 Watts**

Hale Bros. & The Chronicle, San Francisco

- 7 to 8 a.m.—Health exercises with Professor Bob and "Wee Willie" Hancock
- 8 to 9 a.m.—Shell Happytime, Hugh Barrett Dobbs
- 9:30 to 10 a.m.—Walter W. Cribbins
- 10 to 10:30 a.m.—Ann Warner's Home Making Chats
- 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
- 11:30 to 11:55 a.m.—Ye Towne Cryer
- 11:55 to 12:05 p.m.—Time signals, Scripture reading
- 12:05 to 12:45 p.m.—Snapshots—programs in miniature
- 12:45 to 1:30 p.m.—Commonwealth Club luncheon
- 2 to 2:10 p.m.—Stock market quotations
- 2:10 to 2:30 p.m.—California Crooners
- 2:30 to 2:45 p.m.—The Auburn Girl
- 2:45 to 4:30 p.m.—Get Associated with Baseball
- 4:30 to 5:20 p.m.—Children's Hour
- 5:20 to 5:30 p.m.—E. A. Pierce stock reports
- 5:30 to 5:45 p.m.—Date Book, edited by Stuart Strong
- 5:45 to 6 p.m.—News digest, "Scotty" Mortland
- 6 to 7 p.m.—Reo Masters of Music
- 7 to 8:30 p.m.—North Americans; Out West
- 8:30 to 9 p.m.—Salon Orchestra; Allan Wilson, tenor
- 9 to 9:15 p.m.—Cecil and Sally
- 9:15 to 9:30 p.m.—Maurice Günsky, popular balladist
- 9:30 to 10 p.m.—"Packard Program," KPO and KFI
- 10 to 11 p.m.—Jesse Stafford's Dance Orchestra
- 11 to 12 midnight—Silver Slipper Dance Orchestra

**315.6 Meters
950 Kcys.**

KFWB

**Hollywood 0315
1000 Watts**

Warner Brothers, Hollywood, California

- 11:30 to 12 noon—Bill Van, courtesy program
- 12 to 12:30 p.m.—String orchestra; Nelson Case, soloist
- 12:30 to 2:10 p.m.—Variety Serenaders; Boswell Sisters
- 2:10 p.m.—Baseball game; Radio Varieties
- 6 to 6:30 p.m.—Pac. Salon Orchestra, Ray Martinez, dir.
- 6:30 to 7 p.m.—Harry Jackson's Entertainers
- 7 to 7:10 p.m.—Cecil and Sally
- 7:10 to 7:45 p.m.—The Southlanders and soloists
- 7:45 to 8 p.m.—Mac and Al
- 8 to 8:30 p.m.—Billy Van, courtesy program
- 8:30 to 9 p.m.—National Life Dance Orchestra
- 9 to 9:30 p.m.—Sports Interview, Mark Kelly
- 9:30 to 10 p.m.—Hollywood Revelers
- 10 to 10:30 p.m.—Irving Aaronson's Commanders
- 10:30 to 11:30 p.m.—Ben Bernie's Orchestra

**309.1 Meters
970 Kcys.**

KJR

**Main 2495-2475
5000 Watts**

Northwest Broadcasting System, Seattle, Wash.

- 12 noon—World in Review; musical program
- 2 p.m.—Robert Monsen, tenor; Marjorie Robillard, piano
- 2:15 p.m.—Entertainers; Beatrice Nelson, soprano
- 3 p.m.—Baseball game; Ken Stuart, announcer
- 5:15 p.m.—Union Oil Co.; Baron Keyes' Air Castles
- 5:30 p.m.—Market reports; lost and found articles
- 5:50 p.m.—Garden talk by Cecil Solly
- 6 p.m.—Eulala Dean, blues singer; Chet Cathers, baritone; Elmore Vincent, tenor
- 7 p.m.—Harpers Corners; Burton James and Co.
- 7:30 p.m.—Musical Potpourri
- 8 p.m.—Gold and Silver Ensemble
- 9 p.m.—Damski's Neapolitans; Betty Andersen, soprano; Sydney Dixon, tenor; Signor Merigglioli, flute; Mabel Mohrman, piano
- 9:30 p.m.—A Night in India, with the White Wizard
- 10 p.m.—Ken Stuart in Thirty Minutes of Sunshine
- 10:30 p.m.—Ukelele Bob; Elmore Vincent, tenor
- 11 p.m.—Vic Meyer's Club Victor Orchestra
- 12 midnight—Midnight Revellers

FRIDAY Programs

340.7 Meters **KLX** **Lake 6000-6015**
880 Kcys. **500 Watts**

Tribune Publishing Co., Oakland, Calif.

6:30 a.m.—Records; stocks; exercises
8 to 9:30 a.m.—Jean Kent; Modern Homes
9:30 to 10:30 a.m.—Records and talk; stocks
10:30 to 11 a.m.—Henderson's Radiola program
11 to 12 noon—Classified Adv. Hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2:40 p.m.—Jean's Hi-Lights; records; stocks
2:40 to 4:30 p.m.—Baseball: Oaks vs. San Francisco
4:30 to 5 p.m.—Chas. T. Besserer, organist
5 to 6 p.m.—Brother Bob's Club; Edgar Russell
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News items
7:30 to 8 p.m.—"The Melody Man"
8 to 10 p.m.—Hi-Jinks—Machado's KLX Hawaiians; Lost and Found, piano duo; Ethel Rhinard, pianist; Cora Scott, contralto; Jean Scott, monologist; Togo and Fugui, two Japanese gentlemen; Dell Sisters, harmony team; Elsbeth Frellesen, guitar girls; KLX orchestra; Lena Genster, the dumb KLX janitress; Fred and Morris; Lillie Laguna, the Mexican diva from Tampico; Johnnie Cerruti, accordionist; Two Happy Hayseeds, Fred and Ivan Laam, and Spanish Serenaders
10 to 10:15 p.m.—Mama and Benny Cohen
10:15 to 11 p.m.—Fleur de Lis Orchestra
11 to 12 midnight—Classical recordings

239.9 Meters **KFOX** **Phone: 672-81**
1250 Kcys. **1000 Watts**

Nichols & Warinner, Long Beach, Calif.

5 to 12:45 p.m.—Music, talks and news items
12:45 to 1:50 p.m.—Cherrio Boys; Masonic luncheon
1:50 to 2:30 p.m.—Clarence & Doris; Rolly Wray
2:30 to 3 p.m.—Sunset Harmony Boys
3 to 3:30 p.m.—Pianistic Pansy; Today in History
3:30 to 4:15 p.m.—Organ recital; late news
4:15 to 4:30 p.m.—Rolly & Gene
4:30 to 4:45 p.m.—Violets Tiny Tots Hour
4:45 to 5 p.m.—Jones Entertainers
5 to 6:15 p.m.—Hollywood Girls; "Em & Clem"
6:15 to 6:30 p.m.—Percy at the Telephone
6:30 to 6:45 p.m.—Sunset Harmony Boys
6:45 to 7 p.m.—The Three Vagabonds
7 to 7:15 p.m.—Buttercream School Kids
7:15 to 7:30 p.m.—Ezra and Abie
7:30 to 7:45 p.m.—Vest Pocket Minstrels
7:45 to 8:30 p.m.—Cherrio Boys; The Song Story
8:30 to 9:15 p.m.—Campus Nights; Foster and Doris
9:15 to 10 p.m.—Organ: Hoagland Troubadours
10 to 11 p.m.—Young Folks at Home
11 to 12 midnight—Majestic Ballroom Orchestra
12 to 1 a.m.—Everett Hoagland Troubadours
1 to 3 a.m.—The Knight Fox

204 Meters **KGa** **Main 3434**
1470 Kcys. **5000 Watts**
Northwest Broadcasting System, Spokane, Wash.

8 a.m.—Popular music; news
9 a.m.—Central Market program
9:30 a.m.—Organ recital; Friendly Hour
11 a.m.—Crescent Manufacturing Co. program
11:15 a.m.—Commercial Creamery's luncheon concert
12 noon—Riegel Bros. concert
12:30 p.m.—Music; news; market reports
1 p.m.—Gold Seal program; dental clinic
2 p.m.—Herb and his guitar; Bargain matinee
4 p.m.—Good News Magazine
4:30 p.m.—Uncle Andy and the kiddies
5 p.m.—Musical Novelties; Baron Keyes' Air Castles
6 p.m.—Eulalia Dean, blues singer; Chet Cathers, baritone; Elmore Vincent, tenor
7 p.m.—Thirty Minutes with the Masters; Damski's Concert Orchestra; Betty Andersen, soprano; Sydney Dixon, tenor
7:30 p.m.—Musical Potpourri; Popular Orchestra
9 p.m.—Damski's Neapolitans; Betty Andersen, soprano; Sydney Dixon, tenor; Signor Meriglioli, flute; Mabel Mohrman, piano
9:30 p.m.—A Night in India with the White Wizard
10 p.m.—Request program

322.4 Meters **KFWI** **Franklin 0200**
930 Kcys. **500 Watts**

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Frank Roefers' setting up exercises
9 to 9:30 a.m.—Cal King's Post Office
9:30 to 10:30 a.m.—Popular music and announcements
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—Items of interest
11 to 11:30 a.m.—Ray Batz at the piano
11:30 to 12 noon—Semi-classical program
12 to 1 p.m.—Popular music and announcements
1 to 1:30 p.m.—Cal King's Country Store
6 to 7:15 p.m.—Dinner Hour; "Kelly 'n' Clancy"
7:15 to 7:30 p.m.—Bob & Monty (Renton Company)
8:30 to 9 p.m.—Johnny Oliver's Hawaiian Trio
9 to 9:30 p.m.—Studio program; Nadine Chris, pianist
9:30 to 9:45 p.m.—Isabel Henion, balladist
9:45 to 10 p.m.—"Ambrose & Mandy"
10 to 10:30 p.m.—Sally Lewis, concert pianist
10:30 to 12 midnight—Feature program; dance music
12 to 1 a.m.—Midnight Classics (records)

322.4 Meters **KROW** **Glencourt 6774**
930 Kcys. **1000 Watts**

Educational Broadcasting Corp., Oakland, Calif.

8 a.m.—Wade Forrester, Health Questions; Gloom Chasers' Orchestra; Tropical Trio
1:30 p.m.—Vocal solos and duets, instrumental selections
2:30 p.m.—A Watch Tower talk
2:45 p.m.—Ruth's Household Hints
3:30 p.m.—Hayseed program by Bill Simmons, "Yodeling Cowboy;" Eddie McCarty, harmonica; Slim Fey, violinist
4 p.m.—Studio program
4:30 p.m.—Fox West Coast Theaters Frolic
5 p.m.—Wade Forrester's Hour of Sunshine
7:30 p.m.—Complete baseball results
7:45 p.m.—"The Ne'er Do Well"
8 p.m.—Wm. Nat Friend, "Romance of Oakland"

296.6 Meters **KQW** **Columbia 777**
1010 Kcys. **500 Watts**

Pac. Agric. Foundation, Ltd., San Jose, Calif.

9 to 11 a.m.—California Market; Helpful Hour
11 to 11:50 a.m.—Bank Credits program
11:50 to 12:15 p.m.—Old Favorite recordings
12:15 to 12:30 p.m.—Tom and Wash
12:30 to 1 p.m.—Market reports, weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 4:30 p.m.—The Friendly Hour; music
4:30 to 5 p.m.—Children's program
5 to 5:30 p.m.—Baron Keyes' Air Castles; music
5:30 to 6 p.m.—San Jose Radionics health talk
6 to 6:10 p.m.—U. S. D. A. farm flashes
6:10 to 6:20 p.m.—Farm topics discussion
6:20 to 6:30 p.m.—Manufacturing Milk and Cream
6:30 to 6:45 p.m.—Market reports
6:45 to 7 p.m.—Sport review; Market Place
7 to 8 p.m.—Farm Bureau news; Tom and Wash
8 to 9 p.m.—KQW Minstrels
9 to 9:30 p.m.—Leda Gregory Jackson program

508.2 Meters **KHQ** **Main 5383**
590 Kcys. **1000 Watts**

Louis Wasmer, Inc., Spokane, Washington

6:45 a.m.—Inspirational service; "The Town Cryer"
7:45 a.m.—"Aunt Jemima's Boy," NBC
8 a.m.—The Shell Happytime, KPO
9 a.m.—Walt, Winn and Harvey
9:30 to 11:30 a.m.—NBC programs
11:45 a.m.—Organ recital
12 noon—"For the Love of the Scotch and Irish"
1 p.m.—"The Dutch Maids"; "Headliners"
1:30 p.m.—Organ compositions; dance tunes
2 p.m.—Gems from comic opera
3:20 p.m.—"Cecil and Sally"; Service Hour
4 to 7:15 p.m.—NBC programs
7:15 p.m.—Bert Price sport talk
7:30 p.m.—Amos 'n' Andy, NBC
7:45 p.m.—Literary Digest Poll, NBC
8 p.m.—"Ole and the Girls," NBC
8:15 p.m.—Winn Coe, popular pianist
8:45 p.m.—"Tone Pictures," NBC
9:15 p.m.—Kodak Week-end, NBC
9:45 p.m.—John and Ned, NBC
10 p.m.—"The Slumber Hour"
11 p.m.—"Just Another Hour"; "Ask for It"

FRIDAY Programs

**491.5 Meters
610 Kcys.**

KFRC

**Prospect 0100
1000 Watts**

Don Lee, Inc., San Francisco, Calif.

- 7 to 8 a.m.—Seal Rocks broadcast
- 8 to 8:30 a.m.—Columbia Revue, CBS; stocks
- 8:30 to 9:30 a.m.—Yoeng's Orchestra, CBS; news
- 9:30 to 10:30 a.m.—Feminine Fancies, DLBS
- 10:30 to 11 a.m.—Wyn's Daily Chats
- 11 to 11:30 a.m.—Mary Lewis Haines, talk
- 11:30 to 12 noon—Hollywood Gossip; auditions
- 12 to 1 p.m.—Sherman & Clay noonday concert
- 1 to 1:45 p.m.—Paul Specht and his Manhattan Towers Orchestra, CBS
- 1:45 to 2 p.m.—Three Dainty Misses
- 2 to 3 p.m.—Happy Go Lucky Hour, DLBS
- 3 to 3:30 p.m.—Bernhard Levitow's Commodore Ensemble, CBS
- 3:30 to 3:35 p.m.—Something about everything
- 3:35 to 4 p.m.—Hotel Paramount Orchestra, CBS
- 4 to 4:30 p.m.—Nit Wit Hour, CBS
- 4:30 to 4:45 p.m.—U. S. Army Band, CBS
- 4:45 to 5 p.m.—News items; Town Topics
- 5 to 6 p.m.—Organ recital; Custo program
- 6 to 6:30 p.m.—Quaker State Oil, CBS
- 6:30 to 7 p.m.—Gold Medal Fast Freight, CBS
- 7 to 7:30 p.m.—Bert Lown and his Biltmore Orchestra, CBS
- 7:30 to 7:45 p.m.—C. H. McAleer Mfg. Co.
- 7:45 to 8 p.m.—Walter Kelsey, violin recital
- 8 to 8:30 p.m.—Veedol Vodvil, DLBS
- 8:30 to 9 p.m.—Bekin's Californians, novelty program, DLBS
- 9 to 10 p.m.—True Story Hour, Mary and Bob, CBS
- 10 to 10:15 p.m.—Cecil Wright, "Little Poison Oak Himself"
- 10:15 to 11 p.m.—Hotel Mark Hopkins Orchestra, DLBS
- 11 to 12 midnight—Val Valente's Roof Garden Orchestra, DLBS
- 12 to 1 a.m.—Dance music

**468.5 Meters
640 Kcys.**

KFI

**Westmore 0337
5000 Watts**

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

- 2:15 p.m.—Winnie Fields Moore, travelogue
- 2:30 p.m.—Grace Hamilton and Jack Stern, ballads
- 3 p.m.—Joe Charles and his guitar
- 3:15 p.m.—Wedgwood Nowell, Playgoers' Memories
- 4 p.m.—Mothers' Legion of the Air
- 4:15 p.m.—KFI News Bureau
- 4:30 p.m.—Big Brother; The Story Man
- 5 p.m.—Interwoven Pair and Armour program, NBC
- 5:30 p.m.—E. H. Rust, nurseryman; stock reports
- 6 p.m.—Armstrong Quakers, NBC
- 6:30 p.m.—KFI Symphonet
- 7:30 p.m.—Paul Robert, Schonberger Trio
- 8 p.m.—Remote control from Ray West Cafe
- 8:45 p.m.—Tone Picture, KFI origin, NBC
- 9:30 p.m.—Packard Concert Orchestra with Harold Spaulding, tenor
- 10:30 p.m.—Cafe Max Fisher program

**333.1 Meters
900 Kcys.**

KHJ

**Vandike 7111
1000 Watts**

Don Lee, Inc., Los Angeles, California

- 1 to 1:30 p.m.—Paul Specht's Orchestra, CBS
- 1:30 to 2 p.m.—Times Forum
- 2 to 3 p.m.—Happy Go Lucky Hour, KFRC
- 3 to 3:15 p.m.—Robertson, talk on dogs
- 3:15 to 3:30 p.m.—Dr. Hertzog's School program
- 3:30 to 4 p.m.—Council of International Relations
- 4 to 4:30 p.m.—Nit Wit Hour, CBS
- 4:30 to 4:45 p.m.—Western Auto Electric Corp.
- 4:45 to 5 p.m.—World-wide news; Town Topics
- 5 to 6 p.m.—Organ recital; Bob Swan
- 6 to 6:30 p.m.—Quaker State Oil, CBS
- 6:30 to 7 p.m.—General Mills Fast Freight, CBS
- 7 to 7:30 p.m.—Don Lee Symphony
- 7:30 to 8 p.m.—Studio program
- 8 to 8:30 p.m.—Veedol Vodvil, from KFRC
- 8:30 to 9 p.m.—Bekins Van & Storage, DLBS
- 9 to 10 p.m.—True Story Hour, CBS
- 10 to 10:05 p.m.—World-wide news
- 10:05 to 12 midnight—Biltmore Hotel Dance Orch.
- 12 to 1 a.m.—Wesley Tourtellotte's organ recital

**379.5 Meters
790 Kcys.**

KGO

**Sutter 1920
10,000 Watts**

General Electric Co., Oakland, Calif.

- 7:30 to 8 a.m.—Chanticleers; The Aunt Jemima Boy
- 8 to 8:30 a.m.—Financial service; tap dancing lesson
- 8:30 to 9 a.m.—Cross-Cuts of the Day
- 9 to 9:30 a.m.—Meet the Folks
- 9:30 to 9:45 a.m.—Betty Crocker Home Service talks
- 9:45 to 10 a.m.—Parks Sisters
- 10 to 10:15 a.m.—Du Barry Radio program
- 10:15 to 10:30 a.m.—Josephine B. Gibson, food talk
- 10:30 to 11:30 a.m.—Woman's Magazine of the Air
- 11:30 to 12 noon—NBC Philharmonic organ recital
- 12 to 1 p.m.—Pacific Feature Hour
- 1 to 1:30 p.m.—Rembrandt Trio
- 1:30 to 2 p.m.—Hotel St. Francis Salon Orchestra
- 2 to 2:15 p.m.—Black and Gold Room Orchestra
- 2:15 to 2:30 p.m.—The World in Music
- 2:30 to 3 p.m.—Don Bigelow and his Hotel Park Central Orchestra
- 3 to 3:15 p.m.—Genia Zielinska
- 3:15 to 3:30 p.m.—Universal Safety Series
- 3:30 to 4 p.m.—Grace Adams East; news
- 4 to 5 p.m.—Cities Service Concert Orchestra—Jessica Dragonette and the Cavaliers
- 5 to 6 p.m.—Interwoven Pair; Armour program
- 6 to 7 p.m.—Armstrong Quakers; Raleigh Revue
- 7 to 7:15 p.m.—The Elgin program
- 7:15 to 7:45 p.m.—Three Violins; Amos 'n' Andy
- 7:45 to 8 p.m.—Literary Digest Prohibition Poll
- 8 to 8:15 p.m.—Ole and the Girls
- 8:15 to 9:15 p.m.—Piano Paintings; Tone Pictures
- 9:15 to 9:45 p.m.—Kodak Week-End Hour
- 9:45 to 10:30 p.m.—John and Ned; Mystery serial
- 10:30 to 11 p.m.—Pacific Nomads
- 11 to 12 midnight—Laughner-Harris Hotel St. Francis Dance Orchestra

**285.5 Meters
1050 Kcys.**

KNX

**Hempstead 4101
5000 Watts**

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

- 12 to 12:30 p.m.—"The Musical Lunch Box"
- 1:30 to 2 p.m.—Reading interesting books
- 2 to 2:30 p.m.—Program of L. A. Eve. Exp. classified
- 2:30 to 3 p.m.—Matinee Symphony
- 3:15 to 3:24 p.m.—Joyce Coad, little movie star
- 3:25 to 3:30 p.m.—Announcements, stock mkt. reports
- 3:30 to 4 p.m.—Federation of Women's Clubs program
- 4 to 4:30 p.m.—"Home Builders' Hour"
- 4:30 to 5 p.m.—C. P. R.'s musical program
- 5 to 5:15 p.m.—E. C. Griffith's talk on "Travel"
- 5:15 to 5:45 p.m.—Big Brother Ken's Kiddie Hour
- 5:45 to 6 p.m.—Town Cryer's timely amusement tips
- 6 to 6:15 p.m.—Organ program given by Lucie Lee
- 6:15 to 6:30 p.m.—Music with "Topsy" Sackett
- 6:30 to 6:55 p.m.—KNX Little Symphony
- 6:55 to 7 p.m.—"Seth Thomas Historical Cameos"
- 7 to 8 p.m.—Forrest Stove Works program
- 8 to 9 p.m.—Royal Order of Optimistic Do-Nuts
- 9 to 9:45 p.m.—Gilmore Oil, presenting "Lion Tamers"
- 9:45 p.m.—Broadcasting the main event from the Hollywood Legion Stadium
- 10 to 12 midnight—Johnny Hamp and his Kentucky Serenaders

**325.9 Meters
920 Kcys.**

KOMO

**Elliot 5890
1000 Watts**

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

- 11:10 a.m.—Orchestra and vocalists; Barbara Gould
- 12 noon—Visits to Dairymen and Poultrymen
- 12:15 p.m.—Prudence Penny
- 12:30 p.m.—Pacific Feature Hour, NBC
- 1 p.m.—P. S. Navigation Co. Orchestra
- 1:30 p.m.—Popular orchestra; Artistic Ensemble
- 2:30 p.m.—Don Bigelow and His Park Central Orchestra, NBC
- 2:45 p.m.—Artistic Ensemble
- 3:15 p.m.—Universal Safety Series, NBC
- 3:30 p.m.—Male quartet; stock quotations
- 4 p.m.—Cities Service Concert, NBC
- 5 to 7:30 p.m.—NBC programs
- 7:30 p.m.—Amos 'n' Andy, NBC
- 7:45 p.m.—Prohibition Poll, NBC
- 8 p.m.—Orchestra and vocalists
- 8:30 p.m.—"Mac and Al"
- 8:45 p.m.—Tone Pictures, NBC
- 9:15 p.m.—Kodak Week-end program, NBC
- 9:45 p.m.—News flashes; Latin Nights
- 11 p.m.—Olympic Hotel Dance Orchestra
- 12 midnight—Theater organ recital

SATURDAY Programs

May 24, 1930



Don Warner
KFVB-9 p.m.

★ BEST BETS TODAY ★		
TIME	STATION	PROGRAM



Capt. Wm. Royle
KGO-1:45 p.m.

340.7 Meters
880 Kcys.

KLX

Lake 6000-6015
500 Watts

Tribune Publishing Co., Oakland, Calif.
6:30 to 8 a.m.—Records; stocks; exercises
8 to 9:30 a.m.—Jean Kent; Modern Homes
9:30 to 10:15 a.m.—Clinic of the Air
10:15 to 10:30 a.m.—San Francisco stocks; weather
10:30 to 11 a.m.—Breuner's Radiola program
11 to 12 noon—Classified Adv. Hour; stocks
12:05 to 1 p.m.—Machado's KLX Hawaiians
1 to 3 p.m.—Jean's Hi-Lights; recordings
3 to 4:30 p.m.—Helen Parmelee, pianist; records
4:30 to 5 p.m.—Chas. T. Besserer, organist
5 to 6 p.m.—Brother Bob's Club; Edgar Russell
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News items
7:30 to 8 p.m.—Ethel Rhinard and Cora Scott
8 to 9 p.m.—Helen Wegman Parmelee, pianist; Frank-
lin Roberts, baritone, and Myrth Lacy, soprano
9 to 10 p.m.—Chuck Dutton's Hotel Oakland dance or-
chestra
10 to 11 p.m.—Dance program

468.5 Meters
640 Kcys.

KFI

Westmore 0337
5000 Watts

Copyright, 1930, E. C. Anthony, Inc., L. A.
7:30 a.m.—Market reports; Gertrude Gussell, ballads
8 a.m.—Shell Happytime from KPO
9 a.m.—Sylvia's Happy Hour
9:45 a.m.—National Farm and Home Hour, NBC
10:30 a.m.—Woman's Magazine of the Air, NBC
12 noon—U. C. and U. S. Dept. of Agriculture talk
12:15 p.m.—Federal and state market reports
2:45 p.m.—Kelley Alexander, tenor; Masked Minstrels
3:45 p.m.—KFI News Bureau
4:30 p.m.—Glen Edmunds String Trio
5 p.m.—General Electric Hour, NBC
6 p.m.—Lucky Strike Hour, NBC
7 p.m.—KFI Symphonet
8 p.m.—Gilmore Circus, NBC
8:30 p.m.—Robert Hurd, tenor, with concert orchestra
9 p.m.—Del Monte Coffee, NBC
9:30 p.m.—Mixed quartet with James Burroughs, tenor
10:30 p.m.—Cafe Max Fischer Orchestra
12 midnight—Midnight Frolic

265.3 Meters
1130 Kcys.

KSL

Wasatch 3901
5000 Watts

Radio Service Corp., Salt Lake City, Utah
3:30 p.m.—"The Fuller Man," NBC
4 p.m.—"Merle Thorpe," NBC
5 p.m.—General Electric Hour, NBC
6 p.m.—Studio program
7 p.m.—Male quartette and ensemble
7:30 p.m.—Amos 'n' Andy, NBC
7:45 p.m.—Floyd Gibbons on Prohibition
8 p.m.—Jack Frost program
9 p.m.—Del Monte Coffee program, NBC
10 p.m.—Dance music, featuring popular Granadians
11 p.m.—"Vagabond of the Air"

322.4 Meters
930 Kcys.

KROW

Glencourt 6774
1000 Watts

Educational Broadcasting Corp., Oakland, Calif.
8 a.m.—Wade Forrester, Health Questions; Gloom
Chasers' Orchestra; Tropical Trio
11 a.m.—Classical recordings
11:30 a.m.—Retail Grocers' Association
1:30 p.m.—Orchestra and novelty features
2 p.m.—Studio program; Household Hints
3:30 p.m.—Bill Simmons, "Yodeling Cowboy;" Eddie
McCarty, harmonica; Slim Fey, violinist
4 p.m.—Studio program; Dentpro Hour
4:30 p.m.—Fox West Coast Theaters Frolic
5 p.m.—Wade Forrester's Hour of Sunshine
7:30 p.m.—Complete baseball results
7:45 p.m.—The Ne'ed Do Well
8 p.m.—Special vocal and instrumental selections;
civic talks by local speakers
8:45 p.m.—Studio program; dance orchestra
10 p.m.—Union Mutual Life program
10:05 p.m.—Wade Forrester's Whoopee program

322.4 Meters
930 Kcys.

KFWI

Franklin 0200
500 Watts

Radio Entertainments, San Francisco, Calif.
7 to 8 a.m.—Frank Roefer's setting up exercises
9 to 10 a.m.—Cal King; records and announcements
10 to 10:30 a.m.—Sally Lewis, concert pianist
10:30 to 10:50 a.m.—Dr. Linebarger, health talk
10:50 to 11 a.m.—Items of interest
12 to 12:45 p.m.—Records and announcements
12:45 to 1 p.m.—Dr. E. A. Wiseman, health questions
1 to 1:30 p.m.—Popular music
6 to 7 p.m.—Dinner Hour music
7 to 7:30 p.m.—Norma Lee McKinley, contralto, and
Louise Gilbert, pianist
11 to 1 a.m.—Dance music; Midnight Classics

254.1 Meters
1180 Kcys.

KEX

Atwater 3111
5000 Watts

Western Broadcasting Co., Portland, Ore.
7 a.m.—Morning Serenaders
8 a.m.—The Clock; Oregon Journal news
9 a.m.—Ronald Buck, piano recital
9:45 a.m.—Devotional service; organ concert
10:30 a.m.—Shopping service featuring Allen Daniels
12 noon—Time; weather report; World Bookman
12:05 p.m.—Happy Hour Girls
1:05 p.m.—Varied salon recordings; organ concert
2 p.m.—Classic song recital; The Bookworm
3 p.m.—Afternoon matinee
5 p.m.—KEX Bulletin
6 p.m.—Blue Streaks; Eulala Dean, blues singer; Chet
Cathers, baritone; Happy Harris, banjo; Elmore
Vincent, tenor; NBS
8 p.m.—Dance concert; Old-Timers
10 p.m.—Thomas and Tessie; records
10:30 p.m.—Jack and Jill Tavern Orchestra
11:30 p.m.—Time; weather; police reports; news
11:40 p.m.—Midnight Matinee

SATURDAY Programs

San Francisco

NBC

Sutter 1920

National Broadcasting Company

7:45 to 8 a.m.—The Aunt Jemima Boy, KGO, KHQ, KOMO, KGW, KECA, KSL, KOA
 9:45 to 10:30 a.m.—National Farm and Home Hour, KGO, KHQ, KGW, KFI; KPO, 10 to 10:30 a.m.
 10:30 to 11:30 a.m.—Woman's Magazine of the Air, KGO, KHQ, KOMO, KGW, KPO, KFI

1:30 to 1:45 p.m.—Tea Timers, KGO, KOMO
 2:30 to 3 p.m.—Hotel Governor Clinton Orchestra, KGO, KOMO

3:30 to 4 p.m.—The Fuller Man, KGO, KHQ, KOMO, KGW, KECA
 4 to 4:30 p.m.—The New Business World, KGO, KHQ, KOMO, KGW, KECA

Conducted by Merle Thorpe, this program, during which the problems and activities of the commercial world are discussed, is broadcast from Washington, D. C.

4:30 to 4:45 p.m.—Matinee Time, KGO, KGW
 5 to 6 p.m.—General Electric Hour, KGO, KHQ, KOMO, KGW, KFI

A fantasy on popular German student songs may be found in the "Academic Festival Overture" by Brahms, which will open the program of music to be played by Walter Damrosch's orchestra.

6 to 7 p.m.—B. A. Rolfe and His Lucky Strike Orchestra, KGO, KHQ, KOMO, KGW, KFI

Old and new music will vie for honors in the program of dance music concocted for the NBC System radio audience by B. A. Rolfe and his Lucky Strike Orchestra.

7 to 7:30 p.m.—Bernie Cummins and His New Yorker Hotel Orchestra, KGO, KOMO, KGW

7:30 to 7:45 p.m.—Amos 'n' Andy, KGO, KHQ, KOMO, KGW, KECA

7:45 to 8 p.m.—Literary Digest Prohibition Poll and Latest World News Flashes, interpreted by Floyd Gibbons, KGO, KHQ, KOMO, KGW, KECA

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

Playing and singing ballad numbers that lend themselves particularly well to reading by a string and woodwind ensemble and a male vocalist, the Pacific Serenaders will be heard tonight. Eva Garcia arranges the programs for the Pacific Serenaders, in the ranks of which may be found Dorothy Dukes Dinum, Marian Nickelson, Arthur and Eva Garcia, Antonio de Grassi, John Darasch and J. Wharry Lewis. The vocal soloist changes from week to week.

8 to 8:30 p.m.—Gilmore Circus, KHQ, KOMO, KGW, KPO, KFI

Circus days will be relived again when the Gilmore Circus goes on the air over an NBC network between 8 and 8:30 o'clock tonight.

A jocular master of ceremonies will introduce the entertainers and a brass band and vocalists will contribute the musical selections.

8:30 to 9 p.m.—Melody Memories, KGO, KHQ, KGW; KOMO, 8:30 to 8:45 p.m.

Half-forgotten songs that once were whistled, hummed, sung or played everywhere will be presented in the 30-minute program. Gail Taylor, soprano, will be the vocalist and an instrumental ensemble playing under the leadership of Mart Grauenhorst will be heard in dance numbers.

9 to 9:30 p.m.—Del Monte Coffee Program, KGO, KQT, KOMO, KGW, KFI, KSL, KOA.

Another musical comedy success of the stage and screen, "Show Girl in Hollywood," with the star, Alice White, appearing in person over the air, will be the Del Monte program offering to NBC System listeners tonight.

9:30 to 10 p.m.—Penrod, KGO, KHQ, KOA

As the twelfth episode of "Penrod" opens tonight, the narrator will take listeners to the Williams' parlor, where Mr. Williams is finishing his ultimatum to Sam concerning Georgie Bassett's election to Penrod and Sam's secret society—"The Independent Order of Infidelity."

Billy Page has the leading role of Penrod in these plays, which are given under the direction of Wilda Wilson Church.

10 to 12 midnight—Spotlight Review, KGO, KHQ; KOA, 10 to 11 p.m.; KGW, 10:15 to 10:30 p.m.

Fun and music galore is in store for the radio fan listening while the Spotlight Review is presented.

Some of the radio luminaries to parade before the "mike" during this two-hour funfest include Ted Maxwell, Bobbe Dean, Harold Peary, Irving Kennedy, Peggy Chapman, the Musical Musketeers, Marjorie Primlee, the Hill Billy Boys, Bennie Walker, Walter Jehan, Captain "Bill" Royle, Annette Hastings, Johnnie O'Brien and the Coquettes.

379.5 Meters

KGO

Sutter 1920

790 Kcys.

10,000 Watts

General Electric Co., Oakland, Calif.

7:30 to 8 a.m.—Chanticleers; The Aunt Jemima Boy
 8 to 8:30 a.m.—Financial Service; tap dancing lesson

8:30 to 9 a.m.—Cross-Cuts of the Day
 9 to 9:45 a.m.—Meet the Folks; Eddie Bernard

9:45 to 10:30 a.m.—National Farm and Home Hour
 10:30 to 11:30 a.m.—Woman's Magazine of the Air

11:30 to 12 noon—NBC Philharmonic organ recital
 12 to 1 p.m.—The Novelty Five

1 to 1:45 p.m.—Dixie Dandies; Tea Timers
 1:45 to 2 p.m.—Captain "Bill" Royle

2 to 2:30 p.m.—Black and Gold Room Orchestra
 2:30 to 3 p.m.—Hotel Governor Clinton Orchestra

3 to 4 p.m.—William Don; The Fuller Man
 4 to 4:30 p.m.—The New Business World

4:30 to 5 p.m.—Matinee Time; News Service
 5 to 6 p.m.—General Electric Hour

6 to 7 p.m.—B. A. Rolfe's Lucky Strike Orchestra
 7 to 7:30 p.m.—Bernie Cummins and his New Yorker Hotel Orchestra

7:30 to 7:45 p.m.—Amos 'n' Andy
 7:45 to 8 p.m.—Literary Digest Prohibition Poll

8 to 8:30 p.m.—Pacific Serenaders
 8:30 to 9 p.m.—Melody Memories, NBC

9 to 9:30 p.m.—Del Monte Coffee program
 9:30 to 12 midnight—Penrod; Spotlight Review

315.6 Meters

KFWB

Hollywood 0315

950 Kcys.

1000 Watts

Warner Brothers, Hollywood, California

8:30 to 10 a.m.—Orpheus Sextet; Feature Trio
 10 to 10:30 a.m.—Ted Dahl's Band

10:30 to 11:30 a.m.—Jean Cowan and Syncopators
 11:30 to 12:30 p.m.—String orchestra; Nelson Case, soloist

12:30 to 2:10 p.m.—Variety Serenaders; Boswell Sisters
 2:10 p.m.—Baseball game, Portland vs. Hollywood

6 to 6:30 p.m.—Pacific Salon Orchestra
 6:30 to 7 p.m.—Harry Jackson's Entertainers

7 to 7:10 p.m.—Cecil and Sally
 7:10 to 7:30 p.m.—Julius K. Johnson, organist

7:30 to 8 p.m.—Ted Dahl's Band
 8 to 9 p.m.—Mona Motor Oilers; Vernon Rickard, tenor; Boswell Sisters

9 to 9:30 p.m.—Don Warner and Ron Wilson, two piano numbers

9:30 to 10 p.m.—Continuity program
 10 to 11 p.m.—Irving Aaronson's Commanders

11 to 11:30 p.m.—Ben Bernie's Dance Orchestra
 11:30 to 1 a.m.—George Olsen's music

526 Meters

KMTR

Hollywood 3026

570 Kcys.

500 Watts

KMTR Radio Corp., Hollywood, California

6 to 6:30 a.m.—Discovery Hour
 7 to 9 a.m.—Breakfast Club and New Idea Man

9 to 9:15 a.m.—Mildred Kitchen, Home Economics
 9:15 to 10:30 a.m.—Records; Ralph Little's Orchestra

10:30 to 11 a.m.—Louise Howatt, Happiness Girl
 11 to 11:45 a.m.—Westlake String Ensemble

11:45 to 12 noon—Talks by public and civic officials
 12 to 12:15 p.m.—"World in Review"

12:15 to 1:15 p.m.—Prosperity Hour
 1:15 to 2:30 p.m.—Banjo Boys; records

2:30 to 3 p.m.—Spanish program
 3 to 4 p.m.—Palais Ballroom Orchestra

4 to 5:45 p.m.—Records; Trading Post program
 5:45 to 6:30 p.m.—"Reporter of the Air"; records

6:30 to 7 p.m.—"Heavenly Twins of Radio"
 7 to 8 p.m.—Ray Bailey's Music Masquers

8 to 8:30 p.m.—Miniature Salon Orchestra
 8:30 to 9 p.m.—"Dot and Mary"; Melody Girls

9 to 10 p.m.—Palais Ballroom Orchestra
 10 to 11 p.m.—Dance orchestra

11 to 12 midnight—"The 11th Hour Musical Review"
 12 to 1 a.m.—"8 Ball" and Charley Lung

SATURDAY Programs

491.5 Meters
610 Kcys.

KFRC

Prospect 0100
1000 Watts

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—Seal Rocks broadcast
8 to 8:30 a.m.—Adventures of Helen and Mary, CBS
8:30 to 9:30 a.m.—Yoeng's Orchestra, CBS; news
9:30 to 10 a.m.—Program of recordings
10 to 11 a.m.—Song recital from KHJ, DLBS
11 to 12 noon—Auditions and church announcements
12 to 1 p.m.—Sherman & Clay noonday concert
1 to 1:45 p.m.—Paul Specht's Manhattan Towers, CBS
1:45 to 2 p.m.—Program of recordings
2 to 2:30 p.m.—Hotel Shelton Orchestra, CBS
2:30 to 3 p.m.—Norman Neilson, tenor, and Edna Fischer, pianist
3 to 4 p.m.—Melo Maniacs
4 to 4:15 p.m.—Exploring the Jungle for Science, CBS
4:15 to 4:30 p.m.—Romance of American Industry, CBS
4:30 to 4:45 p.m.—Dixie Echoes, CBS
4:45 to 5 p.m.—News items; Town Topics
5 to 6 p.m.—Hank Simmon's Show Boat, CBS
6 to 7 p.m.—Paramount Publix Radio Hour, CBS
7 to 7:15 p.m.—Edna Fischer, "Piano Moods"
7:15 to 7:30 p.m.—Hotel Paramount Orchestra, CBS
7:30 to 8 p.m.—Anson Weeks' Hotel Roosevelt Orchestra, CBS
8 to 8:30 p.m.—Williams Oil-O-Matic, DLBS
8:30 to 9 p.m.—Musical Cocktails, DLBS
9 to 10 p.m.—Chasin' the Blues, DLBS
10 to 10:10 p.m.—"Frank Watanabe," Eddie Holden Orchestra, DLBS
10:10 to 11:10 p.m.—Ted Fiorito's Hotel Mark Hopkins Orchestra, DLBS
11:10 to 12:10 a.m.—Earl Burtnett's Biltmore Hotel Orchestra, DLBS
12:10 to 1 a.m.—Dance music

296.6 Meters
1010 Kcys.

KQW

Columbia 777
500 Watts

Pac. Agric. Foundation, Ltd., San Jose, Calif.

9 to 11 a.m.—California Market; Helpful Hour
11 to 11:50 a.m.—Bank Credits program
11:50 to 12:30 p.m.—Recordings; Tom and Wash
12:30 to 1 p.m.—Market reports, weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 4:30 p.m.—The Friendly Hour; music
4:30 to 5:30 p.m.—Children's program; music
5:30 to 6:50 p.m.—Radionics health talk; music
6:50 to 7 p.m.—KQW Market Place
7 to 7:15 p.m.—Farm Bureau evening radio news
7:15 to 7:30 p.m.—San Jose Better Business Bureau
7:30 to 7:45 p.m.—Tom and Wash
7:45 to 8:45 p.m.—4-H Club
8:45 to 10 p.m.—Italian program

483.6 Meters
620 Kcys.

KGW

Atwater 2121
1000 Watts

The Morning Oregonian, Portland, Oregon

6:45 a.m.—Devotions; theater organ
7:45 a.m.—Aunt Jemima, NBC
8 a.m.—Shell Happytime, KPO
9 a.m.—Columbia National Bank
9:06 a.m.—Town Cryer; O. M. Plummer, talk
9:45 a.m.—National Farm and Home Hour
10:30 a.m.—Women's Magazine of the Air
11:30 a.m.—Masterworks; Powers' Pied Piper
12:30 p.m.—Grand Central Marketeers
1:30 p.m.—Tea Timers; Matinee Time, NBC
2 p.m.—Among Ourselves; Masterworks; Marian Miller
3:30 p.m.—The Fuller Man, NBC
4 p.m.—New Business World, NBC
4:30 p.m.—Matinee Time, NBC
4:45 p.m.—Palace Laundry Tea Timers
5 p.m.—General Electric, NBC
6 p.m.—Lucky Strike Hour, NBC
7 p.m.—First National Bank
7:30 p.m.—Amos 'n' Andy
7:45 p.m.—Literary Digest, NBC
8 p.m.—Gilmore Circus, NBC
8:30 p.m.—Melody Memories, NBC
8:45 p.m.—Yellow Cab program
9 p.m.—Del Monte Coffee, NBC
9:30 p.m.—An Evening in Paris; Cecil and Sally
10:15 p.m.—Spotlight Review
10:45 to 12 midnight—Hi Jinks

440.9 Meters
680 Kcys.

KPO

Kearny 0704
5000 Watts

Hale Bros. & The Chronicle, San Francisco

7 to 8 a.m.—Health exercises with Professor Bob and "Vee Willie" Hancock
8 to 9 a.m.—The Shell Happytime, Hugh Barrett Dobbs
9:30 to 10 a.m.—Walter W. Cribbins
10 to 10:30 a.m.—National Home and Farm Hour, NBC
10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC
11:30 to 11:55 a.m.—Ye Towne Cryer
11:55 to 12:05 p.m.—Scripture reading; time signals
12:05 to 1 p.m.—Snapshots—programs in miniature
2 to 2:10 p.m.—E. A. Pierce, stock reports
2:10 to 2:45 p.m.—The Sequoians; The Auburn Girl
2:45 to 4:30 p.m.—Get Associated with Baseball
4:30 to 5:20 p.m.—Children's Hour
5:20 to 5:30 p.m.—E. A. Pierce, stock reports
5:30 to 5:45 p.m.—Date Book, edited by Stuart Strong
5:45 to 6 p.m.—News digest, "Scotty" Mortland
6 to 7 p.m.—Reo Masters of Music
7 to 8 p.m.—North Americans
8 to 8:30 p.m.—The Gilmore Circus, NBC
8:30 to 9 p.m.—KPO Salon Orchestra
9 to 9:15 p.m.—Cecil and Sally
9:15 to 9:30 p.m.—Roland U. McIntosh in "Plane Journeys"
9:30 to 10 p.m.—"Packard Program," KPO and KFI
10 to 11 p.m.—Jesse Stafford's Palace Hotel Orchestra
11 to 12 midnight—Joe Wright's Dance Orchestra

239.9 Meters
1250 Kcys.

KFOX

Phone: 672-81
1000 Watts

Nichols & Warinner, Long Beach, Calif.

5 to 12:45 p.m.—Music, talks and news items
12:45 to 1:50 p.m.—Cherrio Boys; Bill & Co
1:50 to 2:30 p.m.—Doris & Clarence; Rolly Wray
2:30 to 3 p.m.—Sunset Harmony Boys
3 to 3:30 p.m.—Pianistic Pansy; Today in History
3:30 to 4:15 p.m.—Organ recital; late news report
4:15 to 4:30 p.m.—Rolly & Gene
4:30 to 4:45 p.m.—Violets Tiny Tots Hour
4:45 to 5 p.m.—Jones Entertainers
5 to 6:15 p.m.—Hollywood Girls; "Em & Clem"
6:15 to 6:30 p.m.—Percy at the Telephone
6:30 to 6:45 p.m.—Sunset Harmony Boys
6:45 to 7 p.m.—The Three Vagabonds
7 to 7:15 p.m.—Buttercream School Kids
7:15 to 7:30 p.m.—Ezra and Abie
7:30 to 8 p.m.—Vest Pocket Minstrels; Cherrio Boys
8 to 8:30 p.m.—Tavern Club Orchestra
8:30 to 9 p.m.—Three Vagabonds; Polly Ann
9 to 9:30 p.m.—Foster and Doris; organ
9:30 to 10 p.m.—Everett Hoagland Troubadours
10 to 11 p.m.—Young Folks at Home
11 to 12 midnight—Majestic Ballroom Orchestra
12 to 1 a.m.—Everett Hoagland Troubadours
1 to 3 a.m.—The Knight Fox

325.9 Meters
920 Kcys.

KOMO

Elliot 5890
1000 Watts

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

7:40 a.m.—Inspirational services
7:45 a.m.—Aunt Jemima Boy, NBC
8 a.m.—Shell Happytime, KPO
9 a.m.—Gordon and Mary
9:15 a.m.—Organ; vocal recital
10:30 a.m.—Woman's Magazine of the Air, NBC
12 noon—Farm talk; fruit and vegetable reports
12:15 p.m.—Prudence Penny; orchestra
12:30 p.m.—Associated Oil Co. Orchestra and vocalists
1:30 p.m.—Tea Timers, NBC
1:45 p.m.—Orchestra and vocalists
2:30 p.m.—Hotel Governor Clinton Orchestra, NBC
2:45 p.m.—Orchestra; stock quotations
3:30 p.m.—Fuller Man, NBC
4 p.m.—New Business World, NBC
4:30 p.m.—Orchestra and vocalists
5 p.m.—General Electric Hour, NBC
6 p.m.—Lucky Strike Dance Hour, NBC
7 p.m.—Bernie Cummins New Yorker Hotel Orchestra
7:30 p.m.—Amos 'n' Andy, NBC
7:45 p.m.—Literary Digest Prohibition Poll
8 p.m.—Gilmore Circus, NBC
8:30 p.m.—Melody Memories, NBC
8:45 p.m.—Nunn-Bush program
9 p.m.—Del Monte Coffee program, NBC
9:30 p.m.—Famous Composers' Concert
10 p.m.—Atwater Kent Foundation Local Audition
12 midnight—Theater organ recital

SATURDAY Programs

535.4 Meters **KTAB** **Garfield 4700**
560 Kcys. **1000 Watts**

Pickwick Broadcasting Co., Oakland, Calif.
 6:30 to 7:30 a.m.—Studio program; health exercises
 7:30 to 8 a.m.—“Red Hat” program
 8 to 8:30 a.m.—Masters Album, classical records
 8:30 to 9:30 a.m.—Dr. W. G. Keys; morning prayer
 9:30 to 10 a.m.—Household Hints with Julia Hayes
 10 to 10:30 a.m.—Household Hour with Alma La Marr
 10:30 to 11 a.m.—Dr. B. L. Corley
 11 to 1:30 p.m.—Studio program; organ recital
 1:30 to 1:45 p.m.—Broadway Tunes
 1:45 to 2:40 p.m.—Dr. Forrester; records
 2:40 to 5 p.m.—Baseball; recordings
 5 to 6 p.m.—Brother Bob’s Frolic Hour
 6 to 6:15 p.m.—Date Book program
 6:15 to 7 p.m.—Studio program; organ recital
 7 to 7:30 p.m.—Louis Margi’s Hawaiians
 7:30 to 8 p.m.—Walter J. Rudolph, pianist
 8 to 8:30 p.m.—Dorothy Nichols, cellist; Alice Blue, organist
 8:30 to 9:30 p.m.—Melody Quintette
 9:30 to 10:30 p.m.—Melody Makers and Alice Blue
 10:30 to 11:30 p.m.—Sweet’s Ballroom Orchestra
 11:30 to 1 a.m.—Dance records

508.2 Meters **KHQ** **Main 5383**
590 Kcys. **1000 Watts**

Louis Wasmer, Inc., Spokane, Washington
 6:45 a.m.—Inspirational service; “Town Cryer”
 7:45 a.m.—“Aunt Jemima’s Boy,” NBC
 8 a.m.—The Shell Happytime, KPO
 9 a.m.—Walt, Winn and Harvey
 9:30 a.m.—“Hints to Hostesses”
 9:45 a.m.—National Farm and Home Hour, NBC
 10:30 a.m.—Woman’s Magazine of the Air, NBC
 11:30 a.m.—Organ recital
 12 noon—Program of band music
 12:15 p.m.—“Studio Affairs”; Gold Seal program
 1 p.m.—“The Dutch Maids”; “Headliners”
 1:30 p.m.—“Trail Blazing”
 2 p.m.—“Varieties”; “Musical Gems”
 3:20 p.m.—“Cecil and Sally”
 3:30 p.m.—“The Fuller Man,” NBC
 4 p.m.—New Business World
 4:30 p.m.—School band contest
 5 to 8 p.m.—NBC programs
 8 p.m.—Gilmore Circus, NBC
 8:30 p.m.—Melody Memories, NBC
 9 p.m.—Del Monte Coffee program, NBC
 9:30 p.m.—“The New Penrod Stories,” NBC
 10 p.m.—Spotlight Review, NBC

333.1 Meters **KHJ** **Vandike 7111**
900 Kcys. **1000 Watts**

Don Lee, Inc., Los Angeles, California
 7 to 8 a.m.—Stocks; records; Coal & Coke
 8 to 8:30 a.m.—Adventures of Helen and Mary, CBS
 8:30 to 9:30 a.m.—Yoeng’s Orchestra, CBS
 9:45 to 11:15 a.m.—Recordings; song recital
 11:15 to 11:30 a.m.—Columbia Ensemble, CBS
 11:30 to 12 noon—“For Your Information,” CBS
 12 to 12:30 p.m.—Biltmore Hotel Concert Orchestra
 12:45 to 1 p.m.—French Trio, CBS
 1 to 1:30 p.m.—Paul Specht Orchestra, CBS
 1:30 to 2 p.m.—Times Forum
 2 to 2:30 p.m.—Hotel Shelton Orchestra, CBS
 2:30 to 3 p.m.—Ted Husing’s Sportsclants, CBS
 3 to 4 p.m.—“The Melo-Maniacs,” CBS
 4 to 4:15 p.m.—Exploring the Jungle, CBS
 4:15 to 4:30 p.m.—Industrial America, CBS
 4:30 to 4:55 p.m.—Recordings; world-wide news
 4:55 to 6 p.m.—Town Topics; Show Boat, CBS
 6 to 7 p.m.—Paramount Hour, CBS
 7 to 7:30 p.m.—Don Lee Symphony
 7:30 to 8 p.m.—Anson Weeks’ Orchestra, CBS
 8 to 8:30 p.m.—Williams Oil-O-Matic Heater concert, D.L.B.
 8:30 to 9 p.m.—Raymond Paige’s Musical Cocktail
 9 to 10 p.m.—“Chasing the Blues”
 10 to 10:05 p.m.—World-wide news
 10:05 to 12 midnight—Biltmore Hotel Dance Orchestra
 12 to 1 a.m.—Wesley Tourtellotte’s organ recital

243.8 Meters **KYA** **Prospect 3456**
1230 Kcys. **1000 Watts**

Pacific Broadcasting Corp., San Francisco
 9 to 11 a.m.—Program of recordings
 11 to 12 noon—California Sunshine Hour
 12 to 2 p.m.—Newscasting; recordings
 2 to 3 p.m.—Bridge Party Hour
 3 to 5:30 p.m.—Recordings; Sunset Hour
 5:30 to 5:35 p.m.—Mining stock quotations
 5:35 to 6 p.m.—Recorded program
 6 to 6:30 p.m.—Song recital, Claire Upshur and Nona Campbell
 6:30 to 7 p.m.—Recorded program
 7 to 7:30 p.m.—George Taylor and the Boys
 7:30 to 7:45 p.m.—News; Pop Questions; Harmonettes
 7:45 to 8 p.m.—“College Daze,” with Toby and Babs
 8 to 9 p.m.—Calendar of the Air
 9 to 10 p.m.—Marvelous Marin Entertainers
 10 to 11 p.m.—Pacific Artists Trio, with Gene Sullivan and Claire Upshur, soloists
 11 to 1 a.m.—Dance and request recordings

309.1 Meters **KJR** **Main 2495-2475**
970 Kcys. **5000 Watts**

Northwest Broadcasting System, Seattle, Wash.
 9:40 a.m.—Sally Jo Walker and Grant Merrill
 10 a.m.—Elmore Vincent, tenor; Grant Merrill, piano
 10:15 a.m.—Beauty talk, Helen Andrews
 12 noon—World in Review; musical program
 1:15 p.m.—Uncle Frank’s Kiddies’ program
 2:15 p.m.—Beatrice Nelson, soprano; matinee program
 3 p.m.—Baseball game; Ken Stuart, announcer
 5:30 p.m.—Dinner concert; market reports
 5:50 p.m.—Garden talk by Cecil Solly
 6 p.m.—Eulala Dean, blues singer; Chet Cathers, baritone; Happy Harris, banjo; Elmore Vincent, tenor
 7 p.m.—Pearle Dempsey, piano; Robert Monsen, tenor; A. Pease, accordion
 8 p.m.—Northwest Male Quartet; Sydney Dixon, tenor; Mabel Mohrman, piano
 8:30 p.m.—Song Birds; Stonewall Jackson, guitar
 9 p.m.—The Gondoliers; Zac Kalbach, saxophone; Elmore Vincent, tenor
 10 p.m.—Ken Stuart in Thirty Minutes of Sunshine
 10:30 p.m.—Whirlwinds; Song Birds; Fred Moret, tenor
 11 p.m.—Vic Meyer’s Club Victor Orchestra
 12 midnight—Midnight Revellers

285.5 Meters **KNX** **Hempstead 4101**
1050 Kcys. **5000 Watts**

L. A. Evening Express, Los Angeles, Calif.
 9:30 to 10 a.m.—Radio shopping news
 10 to 10:30 a.m.—“Be Young, Be Happy,” Eddie Al-bright’s “family”
 10:30 to 11 a.m.—Records and announcements
 11 to 12 noon—KNX Little Symphony and Marjorie Healy, soprano
 12 to 12:30 p.m.—“The Musical Lunch Box”
 12:30 to 1 p.m.—Musical program presented by C.P.R.
 1 to 1:30 p.m.—First Radio Church of the Air
 1:30 to 2 p.m.—Reading interesting books
 2 to 2:30 p.m.—Presenting the KNX Trio
 2:30 to 5 p.m.—Presenting an opera (recorded)
 5 to 5:15 p.m.—E. C. Griffith’s talk on “Travel”
 5:15 to 5:45 p.m.—Musical program
 5:45 to 6 p.m.—Town Cryer’s timely amusement tips
 6 p.m.—Announcements of L. A. church services
 6 to 7 p.m.—Paramount Publix Hour, Columbia chain
 7 to 8 p.m.—KNX String Quintet
 8 to 9 p.m.—“Musical Comedy Hour”
 9 to 9:45 p.m.—Feature program
 9:45 to 10 p.m.—Program of recordings
 10 to 12 midnight—Johnny Hamp and his Kentucky Serenaders

280.2 Meters **KJBS** **Ord 4148-49**
1070 Kcys. **100 Watts**

J. Brunton & Sons, San Francisco, Calif.
 7 to 8 a.m.—KJBS Alarm Klok Klub
 8 to 12 noon—Variety records; concert music
 12 to 12:30 p.m.—U. S. popular half-hour
 12:30 to 1:30 p.m.—Stock report; records
 1:30 to 3 p.m.—Salon Orchestra; Jack and Jill
 3 to 4 p.m.—Popular recordings
 4 to 4:30 p.m.—Jerry McMillan, pianist
 4:30 to 6 p.m.—Vocal recordings; dinner concert
 6 to 7:15 p.m.—Popular music
 12:01 to 7 a.m.—All night broadcast

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