

# RADIO DOINGS

RED BOOK OF RADIO

10¢  
WEEKLY

*The Radio Authority  
of  
Pacific Coast*

Gifted Edwin A  
2301 W 29th Place 1-30-28



Sylvia—KFI

Vol. XIII  
No. 18

OCT. 28-NOV. 3  
1928



# AMRAD

## SYMPHONIC SERIES

### DYNAMIC RADIO MODELS

Hear the new AMRAD models, representing the peak of modern radio achievement. Each receiver is purely electrical; each has a built-in Dynamic speaker; each set is encased in a beautiful cabinet designed in harmony with modern furniture.

And the tone is one of ringing beauty—ranging from the whisper of a violin to the peal of an organ, with full richness and without a trace of distortion.

*Write us for name of nearest Amrad Dealer. He will be glad to arrange a demonstration.*



THE NOCTURNE

Console model in walnut. Built-in Dynamic Speaker. *Purely electric.* Illuminated single dial control and bronze escutcheon plate enameled in color. Double shielded.

*Complete with Tubes*

**\$349.50**

*Exclusive California Distributors*

# KIERULFF & RAVENSCROFT

RADIO EQUIPMENT



1630-32  
S. Los Angeles St.  
LOS ANGELES

121-131  
Ninth Street  
SAN FRANCISCO

Knowing that a satisfied owner is the strongest recommendation for any product—a famous manufacturer says “Ask the man who owns one.”

Realizing that an enthusiastic radio owner is a better advertisement than anything we could say, we urge

## ASK ANY KOLSTER OWNER

Thousands of Kolster users are the best proof of the all-round superiority of this set—and of an owner—satisfaction that increases from year to year.

*California Distributors*

# John G. Rapp Corp.

1135 WALL ST.  
LOS ANGELES

123 SECOND ST.  
SAN FRANCISCO

# MAGNAVOX "Dynamic" SPEAKERS



KNIGHTS ON THE AIR  
Bob Olsen, KFRC

## The Belvedere

Two-tone walnut floor screen.

For A-Battery Operation \$45  
AC Operation \$55



Romance lives again when Bob Olsen sings. The illusion is perfect when you hear him over a Magnavox Dynamic Speaker. The clear rich beauty of his voice is unmarred by speaker noises, distortion or lost tones. Magnavox is the original Dynamic—the dependable Dynamic—the Dynamic you're proudest to own.

"FIRST  
SPEAKER  
FIRST  
DYNAMIC"

LICENSED APPARATUS

**DYNAMIC**  
THE MARK OF THE GENUINE

## THE MAGNAVOX COMPANY

Oakland, California Chicago, Illinois

## Reallocation Plan Endures

**D**OUBT that the complicated and far-reaching Reallocation Plan will become effective on scheduled time seems ill-founded. An obscure rumor whispered here and there created a question last week as to its success, especially since a hundred stations have just been changed again. The original plan was felt to be severely shaken. Many more broadcasters will be switched around, but the plan is far from upset.

Two years' close application of the Federal Radio Commission to clear the air of conflicting radiations will not be wasted. On November 11th, at 3 a. m., Pacific time, the great new Apportionment Plan begins. When the stations have then established themselves efficiently, all of us will enjoy better reception than ever before.

The intense interest of Western listeners-in is remarkable. Each will in some way feel the results of this drastic Federal action. CALL BOOK reservations not only from every Western and many Eastern states, but also from Alaska, Canada, Mexico and Hawaii, have reached RADIO DOINGS. There has not been time to hear from far away friends in Australia, New Zealand, the Phillipines and Japan. This confidence makes us determined that the 1928-29 CALL BOOK will be the best that has ever been published for Western listeners-in.

Our best efforts are concentrated on making each department accurate, convenient and complete. Every station in the United States will be listed alphabetically, by channel and by wave length, together with its power, location, ownership and spaces for dial markings. Air line distances, logs of foreign and short wave stations, DIAL-LOG, technical helps and set operation information will be featured.

You will not be disappointed. The low price of 25c gives everyone the opportunity of getting this latest and most accurate CALL BOOK for Western listeners-in. You are urged to reserve it NOW. The mail man will hand it to you just before Armistice Day.

Use this Coupon

Tear Here

Use this Coupon

**25c** THE NEW RADIO DOINGS CALL BOOK **25c**  
 Radio Doings, 407 East Pico Street, Los Angeles, Calif.

Please find enclosed 25c in stamps, money order, or cash. Send me the 1928-9 Call Book which contains the new listings and the **DIAL-LOG**. Have it reach me for use on November 11th.

**25c**

Name.....  
 Address.....  
 State.....

RADIO DOINGS, October 27, 1928. Issued weekly at Los Angeles, Calif. Volume 13, No. 18. Subscription \$3.00 a year. Entered as second class matter, November 15, 1922, Los Angeles, Calif., Post Office, under Act of March 3, 1927.

# This Year is a Kit Year

## *More Than Ever*

Tone quality and distance ability have been developed to an amazing degree. You don't know the possibilities until you have assembled one of these laboratory Receivers.

## These are All Leaders

The best you can buy. Custom set builders are busier than ever—get in on some good reception

**Silver-Marshall 720 SG Six**

**Sargent-Rayment 710 Seven**

**Remler 29 SG Super**

**Scott Shield Grid Nine**

**Browning-Drake SG**

**Broadcast--Aero Kits--Short Wave**

All Parts for Television, Shortwave Receivers and Transmitters,  
Power Apparatus and Public Address Equipment in Stock at All  
Times—LET US HELP YOU

## **RADIO SUPPLY CO.**

H. A. DEMAREST, President

912-914 S. Broadway

VA. 6063  
WHOLESALE

Los Angeles, Calif.

*Largest Radio Parts Jobber West of Chicago*

# The RADIO SUPPLY CO.

"THE PARTS WAREHOUSE OF THE WEST"

Watch This List of Parts for Changes

Alco Loops	Dubilier Condenser Corp.	Phonovox Pickups
Acme Apparatus	Dudlo Mfg. Co. Wire	Polymet Condensers
Acme Wire	Dunham Loops	Preston DX Ground
Advance Crystals	Eby Binding Posts	QRS Tubes
Aero-Products	Ekko Ground Clamps	Racon Horns
Aerovox Wireless	Electrad Products	Radiall Co. Amperites
Products	Elkon Chargers	Radio Owls
All-American Products	Essenbee Ball Aerial	Raytheon Tubes
American Beauty Irons	Flewelling Adaptors	Readrite Meters
Amertran Products	Formica Insulation Co.	REL Apparatus
Amperites	Franco B Batteries	Remler Products
Amsco Condensers	Frost Products	Samson Transformers
Baldwin Units	General Radio Parts	Sangamo Condensers
Baldor Motors	Goodrich Rubber Panels	Scranton Hydrometers
Benjamin Elec. Mfg. Co.	Gosilco Wire	Selectone Transformers
Benwood Linze Rectifiers	HFL Transformers	Sensory Insulators
Birnback Products	Hammarlund Products	Skindervicken Buttons
Bodine Loops & Coils	Hedgehog Transformers	Silver Marshall Products
Brandes Phones	H-K Sodderdip Lugs	Sovereign AC Tubes
Branston Honeycomb	Hoosick Parts	Spaulding Bakelite
Coils	Infradyne Parts	Steinite Eliminators
Bremer-Tully Products	Jefferson Products	Sterling Testers
Bretwood Leaks	Jones Cables	Super Ball Antennas
Browning-Drake Kits	Karas Products	Sunset Aerials and
Bruno Coils	Kelbrackets	Grounds
Camfield Coils	Kellogg Parts	Thordarson Trans
Carborundum Products	Knapp Power Units	Tobe Condensers
Cardwell Condensers	Kodel Products	Tom Mack Products
Carter Products	Kurz-Kasch Dials	Tower Speakers
CeCo Tubes	Kuprox Chargers	Trimm Cone Speakers
Celeron Panels	Lynch Leaks	Tyrman Parts
C R L Var High	Magnaformer Units	Universal Battery Clips
Resistance	Magnavox Dynamics	Utah Units
Chicago Kester Solder	Marco Products	Vesta Power Units
Clarostat	Master Voltage Controls	Victoreen Parts
Corning Pyrex	Morris Ball Antenna Kits	Ward Leonard Products
Crescent Transformers	Mueller Universal Clips	Wesholly Ground and
Daven Radio Parts	Naald Parts	Aerial
DeJur Rheostats	National Soldering Irons	Weston Products
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DEALERS: Park Next Door At Our Expense

## RADIO SUPPLY CO.

H. A. DEMAREST, President

912-914 S. Broadway

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# DAY-FAN

**8 Tube All-Electric Radio**

*Designed With  
Tomorrow in Mind*

An exquisite Egyptian cabinet of American walnut with full swinging doors. A precision set that reproduces faithfully the entire tonal range. Sturdy construction throughout. Built to give a lifetime of satisfactory service.

**\$297.50**

Less Tubes

The Consolette

**\$215.00**



**Excellence in  
Performance  
and Beauty**

This set is new—in design, in simplicity, in satisfactory performance. But again, it is built to a standard for musical instruments that is old—that does not change. In years to come the quality of Day-Fan musical reproduction will be appreciated at today.

*DEALERS: The Day-Fan is distributed through exclusive dealer franchises. There are a few choice districts still open.*

*Exclusive Southern California Distributor*

**C. C. LAWTON CO.**

1125 Wall St.

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Los Angeles

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# Royale

ROYALE—MODEL 82

Price, complete with tubes, \$169.50.

In beautiful United cabinet with sliding doors.



Owners of Royale Receivers are reporting marvelous performance. Read what one enthusiastic owner has to say. Distant stations with volume and clarity. High selective—perfect reproduction—amazing power. A quality A. C. receiver at an astonishingly low price.

Balboa, California,  
October 14, 1928.

D-X Club,  
care of Radio Doings,  
407 E. Pico, Los Angeles, Calif.  
Gentlemen:

Up until now I never felt as though I had a chance at one of your prizes but three weeks ago I bought a new Royale electric radio and in three weeks, here's what I have tuned in.

KFUO, KSD, WHO, KMTR, KLX, WBAP, KFBU, KGW, KFI, KFRC, KFOA, KFSD, W8XAL, WLW, KPO, CKWX, WGN, WLIB, JOGK, KOB, KWKH, KHJ, PWX, JOAK, WBMM, KGO, KNRC, WDAF, KFWB, JOCK, 2BL, KYA, KWC, KJR, JOFK, WLS, KNX, KOA, KPCC, KPSN, KDKA, KOIN, KOIL, KOMO, KSL, KMOX, CNRV, WENR, KPLA, KFXF, KEX, KWTC, KTAB, KTBI, KFWI, KEFH, KGU, WREN, KEJK, KFSG, KMO, KGB, KZM, KFON, KELW, KFQZ, KPQ, KFQW, KFEL, KMIC, KXL, KFVD, KGFJ, KGER, KFCR, KWBS.

I have sent letters to all these stations out of California for verifications and up to date have heard from KDKA, WHO, WREN, WBAP, KOIL, KXL, WGN, WLIB, CNRV.

I couldn't get the Japs until 1:00 A.M. and 2BL until after 3:00 A.M. and KGU after 10:00 P.M. and that not every night.

Yours for a good D-X season,  
EDW. A. HAM,  
122 Bay Ave., Balboa, Calif.

Exclusive Royale Distributors

## C. W. Smith Co.

407 E. Pico St.

Suite 506

Tel WE. 9466

Los Angeles

**Falck**  
Model 7B  
**\$199.50**  
Complete



The Price of the Falck Model 7B, illustrated here, includes Tubes, and a Genuine Magnavox Dynamic Speaker, Model 80.

For **LASTING** satisfaction  
--buy a Falck

Why all the Falck popularity? The answer is two-fold. No other high-grade set, with as many refinements, can be purchased at so low cost. Secondly, because Falck Radios are made right in Los Angeles, every Falck purchaser is guaranteed direct factory service.

What more can the shrewd buyer ask?

**Falck**  
ALL-ELECTRIC\* RADIO

\*Since August, 1926

Any of the dealers listed below will be glad to demonstrate the new Falck Radio to you in your own home, without obligating you in the slightest degree.

LOS ANGELES

Angelus Radio Service  
3325 W. 54th St. VE. 5656.

Birdsall Radio Shop  
8635 S. Vermont. YO. 8642.

Brandy Glass & Radio Co.  
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Walter F. Browne Radio Studio  
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A. W. Cooper  
1315 1/2 W. 39th St. VE. 0767.

Danz Music Co.  
105 N. Spring. TU. 1264.

George W. Dewey  
5125 S. Western Ave. VE. 7744.

Golden Gate Radio Co.  
(West Coast Theatre Arcade)  
5180 Whittier Blvd. AN. 7983.

Holmlund Bros. Furn. Co.  
6707 S. Broadway. TH. 4486.

L. & Y. Electric Co.  
8864 W. Pico. OX. 1509.

Paramount Radio & Electric Co.  
5515 Santa Monica Blvd. HE. 8473.

Peoples Outfitting Co.  
3990-96 S. Vermont. VE. 3143.

Red Wing Electric Shop  
5101 Santa Monica Blvd. OL. 1410.

Geo. R. Schofield, Inc.  
3550 Whittier Blvd. AN. 3221.

H. H. Walker Electric Co.  
1323 Venice Blvd. BE. 1311.

Wheeler's Shop All Electric  
112 N. Avenue 56. GA. 2208.

ALHAMBRA—Alhambra Music House  
105 E. Main St. Tel. 1754.

PASADENA—The Song Shop  
16 S. Raymond Ave. WA. 2919.

REDONDO BEACH—Electric Radio Shop  
(Paul Eich) Arcade Bldg.

VERNON—McQuary Music Co.  
1320 1/2 E. 38th St.

WALNUT PARK—Lettenry's Furn. Store  
2680 E. Florence Ave. DE. 3245.

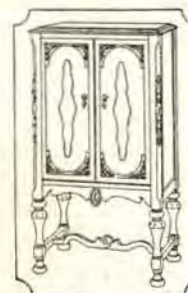
## Falck Models

Climax Model—\$99.50—Six tubes, one-dial control, built-in speaker. Beautifully finished hardwood cabinets. Sound construction throughout.

Model 6B—\$129.50—Six tubes, one-dial control. Improved built-in cone speaker. Completely enclosed in the same unusual walnut art cabinets used in the more expensive FALCK Radios.

Model 7—\$160.00—Seven tubes, one dial control. Semi-dynamic speaker. Beautiful walnut cabinet. Equipped with special switch for controlling low power for local reception and high power for distant reception.

Model 7B—\$199.50—The same as Model 7, but equipped with Magnavox Dynamic Speaker.



Manufactured and Guaranteed by

**ADVANCE ELECTRIC COMPANY**

1260 W. Second St. Los Angeles, Calif.

Pioneer Manufacturers of Radio Equipment

No. 33 of a Series



### The Jensen Dynamic Speaker

responds with the same beautiful fidelity to the average radio set using a 171 tube as to the full undistorted output of 210 push-pull amplifiers. Finished in handsome burl walnut. Height 14 in., width 16 in., depth 12 in.

Type D 44 (6-volt operation) .....\$55.00

Type D 4. (90-volt operation) ..... 58.00

Type D 44 A. C. (110-volt operation)..... 70.00  
Unit alone—for Radio or Phonograph installation, \$40.00 to \$55.00

# When You Hear a Jensen Speaker

you get the same reaction as when you first heard the orthophonic phonograph. You are surprised at the deep, rich tones of the program being broadcast.

You hear the high notes of the violin in their proper relationship to the rest of an orchestra. Voices sound

perfectly natural—because they are natural.

Nothing is lost—and nothing is added. The program comes to you exactly as it really is.

A highly attractive piece of furniture—it lends charm to any room. What more can anyone desire in a radio speaker?



### Distributed In The West By

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**JENSEN RADIO MFG. CO.**  
212 Ninth Street

Oakland, Calif.

Exclusive Southern California Distributor

**YALE RADIO ELECTRIC CO.**  
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LOS ANGELES

# JENSEN DYNAMIC SPEAKER

.. The Finest in Radio ..

# The Sparton Equasonne

Is Startling the Radio World

Call One of These Dealers for Demonstration

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**Compton Music Co.**

*Terms — Demonstrations*

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**H. H. Walker**

*Liberal Trade-in. Terms to Suit*

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*It's Safe to Buy Radios from Those  
Who Know Radio*

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*Terms — Expert Service*

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*Every Minute Service*

**C. & G. Elec. & Radio Co.**

*Demonstrations that will Convince*

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**Russell-Pierce Furniture**

*Glendale's Oldest and Largest  
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*Exclusive Radio Store*

**Jenson Radio Store**

*Convenient Terms*

*Immediate Delivery*

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**Wilmington Radio**

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*Terms that Please*

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*Demonstrations that Convince*

**Farmers Hardware and  
Paint Co.**

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*You Must Be Satisfied*

**Pier Ave. Radio Co.**

*Expert Service — Convenient Terms*

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LA JOLLA

*Satisfaction Our Buy Word*

**C. H. Messner**

*Terms — Service — Delivery*

927 Silverado Phone 85W

## The Garabed

*Oftimes truth is stranger than fiction. Perhaps our readers will remember brief notices concerning the Garabed in the daily press during the latter part of 1917. It aroused tremendous excitement in scientific circles the world over.*

By K. G. Ormiston

I slammed the aerial switch to the receiving position, shut down the generator and listened. From outside the radio room came the sound of canvas flapping against the railings in the warm tropical breeze, the measured tread of feet, the murmur of voices on the darkened promenade deck, and the steady rhythmic throb of the ship's engines far below. Through the window I could see the silver wake left by the churning propellers, stretching away in the moonlight toward Honolulu, now a thousand miles behind.

The static crackled in the headphones while a couple of Japs on the northern run jabbered away in their peculiar code. Then the faltering spark of NPU broke through—"Tough on me, old man. Better luck next time, maybe. Good night."

As I swung around from the operating desk, a glowing cigar in the corner of the darkened radio room (it was wartime) told me that my friend, the barber, had dropped in for his usual evening visit. He was a Sydney attorney (as we say), traveling home from the States, and deeply interested in all things scientific. I had come to look forward with enjoyment to the hours which he spent there in the corner, discussing a hundred and one subjects of mutual interest.

"You're a fortunate fellow," he said. "All the rest of us are isolated here in this floating village, cut off from all contact with civilization.—the world forgotten and by the world forgot. But you can listen to all the ends of the earth and have but to touch that key to communicate with whoever you wish."

"Quite true," I replied. "And yet, as you came in just now, I was talking to a chap who is even more isolated. The wireless station at Pago Pago, Samoa, is in a little shack perched on top of a mountain. It is manned by two naval operators. One works while the other sleeps. They come down off the mountain once a month, for a few hours on 'Boat Day,' to get their mail and to fraternize with other white men. They long to be relieved of duty here and re-

turn to the States, and as soon as the south-bound ship is within range the first question is always—"Have you a Navy radician aboard?" Somehow there never is, and it really hurts to shatter their hopes with the answer "No!" But they keep on hoping! I just answered the usual question a moment ago."

My friend smoked in silence, but I knew him well enough to realize that he was thinking of that tiny shack atop a tropical mountain and the lad sitting before his instruments by the light of a kerosene lamp, longing for "Home."

"By the way," he said at last, "where do they get their power for running the radio up there?"

That's what I liked about him. His questions were always intelligent and obviously the result of thinking. Quite in contrast to the usual run of passengers who asked questions concerning radio without thinking either before or after.

"Well," I replied, "imagine if you can a huge native Samoan, clad only in a loin cloth, his brown body greased with coconut oil and a bright red flower tucked coquettishly in his curly black hair, scrambling up the muddy mountain path in the rain, with a five-gallon can of gasoline on his back! Incongruous,—that can of gas! But that's what civilization does to a South Sea island. A gas engine drives the generator for the wireless, which is the island's only means of contact with the world."

The Australian was silent for a space as the "Ventura" plodded on. Then he spoke:

"But the real source of energy which made it possible for him to talk to you just now was the gasoline which originally came from a well thousands of miles distant! Energy from the same source propels this ship. I often wonder what will happen when the natural fuels of the earth, coal and oil, are all consumed! The supply can last but a comparatively few years longer at the rate we are now consuming it.

(Continued on Page 76)

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**THE NEW**  
**UTAH**

*Father of All Speakers*

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*The Outstanding Value in  
Dynamic Table Speakers*



**Model 65—\$49.50**

Made of Genuine Walnut-Plywood, Finished in  
Antique Brown

*Utah Speakers Speak for Themselves*

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**BUY FROM YOUR JOBBER**

*Factory Representative*

**C. W. SMITH CO.**

407 East Pico

WE. 9466

Los Angeles, Calif.

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# Radio Topics of the Day

*A Weekly Review of Radio News, Thought and Opinion*

## SCHEDULE OF POLITICAL SPEECHES

### Monday, October 29

KPLA, 7:30-7:45—Rex Goodcell—National hookup.

KMTR, 8 A. M.-3:30 P. M.

KPO, 9:30-10—Kathleen Morris—Minutemen on 24 stations.

### Tuesday, October 30

KPLA, 7:30-8:00.

KPLA and KMTR, 5:30-6:00—Frank B. Kellogg.

KMTR—Mrs. Stearns, 3 five-minute speeches—Minutemen on 24 stations.

KNX, 9-10—Joseph Diskay, special program.

### Wednesday, October 31

KPLA, 7:30-7:45—Mendel Silberberg.

KMTR, 8 A. M.-3:30 P. M.—Arranged by Miss Nellie Kelly.

KPO, 9:30-10—John T. McNab—Minutemen on 24 stations.

### Thursday, November 1

KPLA, 7:30-7:45—Mrs. Florence Collins Porter, Mrs. J. T. Anderson.

KMTR, 8 A. M.-3:30 P. M.

KFI, 6:00-6:30.—Minutemen on 24 stations.

### Friday, November 2

KPLA, 7:30-7:45.

KMTR—Mrs. Dora Stearn.

KFI—Herbert Hoover—Minutemen on 24 stations.

### Saturday, November 3

KPLA, 7:30-7:45—Mrs. Mabel Willebrandt.

KMTR, 8 A. M.-3:30 P. M.—Arranged by Miss Nellie Kelly.

KMTR—6:55-7:00.

KPO, 9:00-9:30.

KFI—Senator Borah—Minutemen on 24 stations.

### Monday, November 5

KMTR, 8 A. M.-3:30 P. M.

KFI, 6:00-7:00 P. M.—Hoover in Palo Alto.

KFI, 7:00-8:00—Al Smith.

KFI, 8:00-9:00—Republican program.

KPLA and KMTR, 8:00-9:00—Republican program—Minutemen on 24 stations.

KPLA, 9:00-9:15—Frank F. Merriam.

## NEW 50,000 WATT TRANSMITTER READY

Station WLW, operated by the Crosley Radio Corporation at Cincinnati, Ohio, will dedicate its new 50,000 watt transmitter on Monday evening, October 29, with special ceremonies. This installation is the first 50 kilowatt transmitter in the Middle West, and is an indication that high power is with us to stay, despite the Commission's 25 kilowatt ruling.

Plans for the opening are said to encompass the greatest array of talent ever attempted by an independent station, including an orchestra of Cincinnati musicians, national celebrities of the operatic, dramatic and journalistic fields and the regular WLW staff entertainers. The program will be about six hours in length.

Leaders in the radio industry, governors, and city officials have been invited as guests for the event. Recent after-midnight tests have shown the station to be covering North America, including listeners in Canada, Cuba and Mexico.

## NEW LONDON STATION

The contract for the buildings for the new London Regional Station, of the British Broadcasting Corporation, near Potters Bar, has been awarded by the Board of Governors to the Anglo-Scottish Construction Company in competition with several other large contracting firms and work has now started. The design for the building has been prepared by Messrs. Wimperis, Sampson & Guthrie. The specification has been prepared by the Corporation's Engineers who will directly supervise construction of the building.



# STUDIO NEWS

Sylvia, whose picture appears on the cover, conducts "Sylvia's Happy Hour" over KFI, at 9:30 Tuesday and Saturday morning, and at 9:00 Thursday morning. This program of music and cheer is proving to be one of the most popular hours on the air, and has won for Sylvia a large following among listeners-in.

Tom Mitchell, well-known radio artist and announcer, is returning to Los Angeles November first, after fulfilling a very successful engagement in the Northwest, where he conducted the "Pyrol Half Hour of Happiness" over KGW, KOMO and KHQ.

KNX announces a newcomer to their staff of artists in the person of Walter V. Ferner, 'cellist, who will join Calmon Luboviski, violinist, and Claire Mello-nino, pianist. The new ensemble will be called the Luboviski Trio.

Earl Snyder, popular ballad singer, formerly with Denver and Salt Lake stations, is heard over KGFJ every morning, from 11 to 12 noon.

Tuesday evening, from 5:30 to 6, KMTR will broadcast a talk by Frank B. Kellogg, Secretary of State, over the Columbia network.

KWQ will celebrate the opening of a second remote control station to be located in Sacramento, California, in the Agricultural Department of the New Capitol Building. The new studio will

be dedicated on October 30th, with a special program.

Monday, October 29, KEJK will present the following in a Studio Concert at 8:30 p. m.: Joseph Jean Gilbert, flutist; Mildred Ware Rhodes, contralto; Tudor Williams, baritone, and Paul Carson, pianist.

University of Southern California is conducting an hour over KHJ, called the Trojan Hour, which comes every Tuesday at 2 p. m.

Vera Hambly, mezzo-contralto, will be heard over KNRC next Monday, October 29th, at 8 p. m., in a song recital.

The Verdugo Serenaders, Spanish Stringed orchestra, are newcomers to KGFH, where they are appearing before the microphone each Monday night at 9:30.

William Benner, violinist, from The San Diego Philharmonic, will be the guest artist at KTAB, next Tuesday, where he will give a violin recital at 9:30 p. m. He will be accompanied by Kathryn Woolf.

Thomas A. Barstow, psycho-analyst, will bring listeners-in an interesting talk on the subject of psycho-analysis, next Tuesday, at 7:30 p. m., over station KPCB, Seattle.

Cyril Clemens is giving a series of talks on "Interpretations of Mark Twain," over KYA every Wednesday afternoon, from 4:30 to 4:45.

Charles Wakefield Cadman's cantata, "Father of Waters," will be presented by the Inglewood Community Choir of 65 voices, from KMTR, Tuesday evening, from 9 until 10.



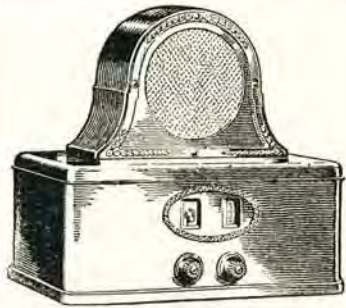
# "Snub" Pollard with his Stewart-Warner



Snub Pollard had heard so much about the Stewart-Warner sets and their wonderful tone quality that he forgot in his hurry to purchase a very necessary part of the equipment. His face tells of his astonishment when not a sound was to be heard from the set after he had turned it on. In the excitement of the purchase, he had completely forgotten to buy a Stewart-Warner speaker. Snub Pollard is the well known Mack Senett comedy star.

# STEWART-WARNER

*Matched ~Unit Radio*



## All-Electric A.C. Combination

This combination of Model 801-A Series B Receiver with Model 435-A Reproducer attached to the cover, is a completely self-contained radio. FOUR tuned circuits. Built-in power unit with taps for high or low line voltage. Safety cartridge fuse. Filter condensers DRY — no liquid condensers. ONE tuning control. Gold-plated illuminated dial, calibrated in wavelengths. Phonograph pick-up receptacles. Cabinet shields entire electric assembly.

**\$115.00**  
Without Tubes



Southern California Distributors

# Western Radio

INCORPORATED

1224 Wall St.

Westmore

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CALIFORNIA MUSIC CO.  
2107 Brooklyn Ave.

A. W. COOPER  
1315 W. 39th

CRENSHAW RADIO SHOP  
2543 Crenshaw

DONNEL'S MUSIC CO.  
3831 Wilshire Blvd.

FIRESIDE RADIO  
5513 York Blvd.

GAYLORD RADIO ELECTRIC  
SHOP, 6618 South Vermont.

HARMON RADIO CO.  
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4285 Beverly Blvd.

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SHOP, 1522 E. Manchester

MELROSE RADIO SHOP  
5663 Melrose

MOLE BROS.  
5912 S. Vermont

NORMANDIE RADIO SHOP  
5069 Hollywood Blvd.

RADIO CABINET DISTRIBUTING  
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SOUTH WEST ELECTRIC AND  
RADIO, 7203 S. Vermont

TRALL AND PRATT  
5690 S. Vermont

TEXOLA RADIO PARLOR  
638 N. Western

TRANSCONTINENTAL RADIO  
2415 W. Washington

WILSON'S ELECTRIC SHOP  
207 W. First

### Southern California

ALHAMBRA, Harper Radio Ser-  
vice, 925 W. Valley Blvd.

ALHAMBRA, Le Roy Radio  
Elect., 15 N. Garfield

ALTADENA, H. Irving Scribner  
2026 Jefferson Drive

ARTESIA, Wm. B. Hayes  
325 N. Main St.

BELLFLOWER, Bellflower Elec-  
tric Shop

BARSTOW, Barstow Garage

BURBANK, Radio Studio  
221 N. Magnolia Ave.

COLTON, H. C. Bilss  
152 N. Ninth St.

CULVER CITY, Boulevard Hdw.  
& Elect. Co.  
6547 Washington Blvd.

EL SEGUNDO, Jack Brewer

FULLERTON, E. B. Finseth  
113 E. Commonwealth

GLENDALE, Beggs Radio  
201 N. Brand Blvd.

GLENDALE, Pacific Radio Store  
Broadway and Pacific

GLENDALE, Roche Radio Serv.  
1148 N. Central

# STEWART-WARNER

*Matched ~Unit Radio*

## Will Demonstrate Without Obligation



## All-Electric A.C. Receiver

Model 801 Series B  
7 Tube

**\$98.50**

MODEL 801, SERIES B,  
7-tube model. Bronze  
Moire finish, same as  
Model 801-A, Series B,  
but not equipped for at-  
tachable reproducer.

The same style in battery  
operated set, 7 tubes,

**\$71.00**

Also a Complete Line of  
Beautiful Consoles



\* Southern California Distributors

# Western Radio

INCORPORATED

3338

Los Angeles

HAWTHORNE, Hawthorne Radio  
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HOLLYWOOD, Barrows Co.  
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HUNTINGTON PARK, California  
Radio Stores

INDIO, C. W. Woodhouse  
Box 368

LA HABRA, La Habra Electric  
Co.

LYNWOOD, Electric Co.

LONG BEACH, Electric Radio  
Co., 1719 E. Anaheim

LONG BEACH, Jensen Radio Co.  
107 American Ave.

LONG BEACH, RIALTO RADIO  
CO., 430 American Ave.

MAYWOOD, Fred's Radio Elec-  
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MONROVIA, Arthur A. Ross,  
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ORANGE, Roy A. Sands  
135 S. Cypress

PACIFIC PALISADES, Winton  
C. Hoch

PASADENA, Arthur J. Fortler  
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PASADENA, Jimmie Gilbert  
867 N. Fair Oaks

PASADENA, Kadley Music Co.  
1447 S. Lake St.

PASADENA, Pasadena Radio  
Supply, 45 N. Broadway

PASADENA, Wilson Music Co.  
180 E. Colorado

PASADENA, The Radio Electric  
1161 Fair Oaks

PASADENA, Harrison Fitoh Elec-  
tric Co., 283 W. Second St.

POMONA, Schwartz and Helmerl  
228 W. Second St.

RIVERSIDE, B-K Radio  
634 W. 9th St.

RIVERSIDE, Shields Radio Shop  
760 W. Ninth St.

REDLANDS, Dale E. Sliger  
414 Orange St.

SAN BERNARDINO, Radio  
Laboratories, 379 F St.

SAN BERNARDINO, Whiteside  
Music Co., 384 "E" St.

SAN FERNANDO, Lewis Furni-  
ture Co.

SAN FERNANDO, Mission  
Pharmacy, 901 Porter Ave.

SAN MARINO, San Marino Elec.  
2495 Mission St.

SAN LUIS OBISPO, Rogers  
Radio Shop, 68 Haguera St.

SAN PEDRO, Johnson Radio  
Service, 9th at Gaffey

SANTA BARBARA, "Doc"  
Davis, D.X., 630 Chapella St.

SANTA MONICA, Radio Bargain  
House, 19th and Broadway

SANTA PAULA, The Music Shop

SANTA PAULA, Fay Harwood

SAWTELLE, Wells Hardware Co.  
11512 Santa Monica Blvd.

UPLAND, Ross Auto Electric  
Shop, 360 Second Ave.

VAN NUYS, Van Nuys Electric  
Co., 14449 Sylvan St.

VENICE, Young's Music Co.

VENTURA, Ventura Radio Sales  
and Service

WALNUT PARK, L. & G. C.  
Pyle, 7907 S. Seville

WATTS, Sutton Radio Service  
10211 Beach St.

WHITTIER, K. D. Miller Elec-  
tric, 218 S. Greenleaf

WILMINGTON, Wilmington Ra-  
dio Electric, 119 W. Anaheim

# MAGNAVOX

## The Speaker



The speaker world has "gone dynamic." Magnavox reproduces all notes and sounds with the same proportionate emphasis. This gives the rich, full tones of the original broadcast, in volume without distortion. Only a dynamic speaker can give you studio realism.



### *Beverly Model*

Gracefully proportioned cabined finished in light mahogany. For A-Battery Operation, \$50.00. For AC Operation, \$60.00.

*Southern California Distributors:*

**Western Radio**  
INCORPORATED

**1224 Wall St.**

**Westmore**

# DYNAMIC

## of the Hour

Magnavox Dynamic reproduction is infinitely finer . . . richer, fuller, more realistic. Those who wince at distorted music or who must strain to hear other speakers clearly welcome the beauty and generous volume of Magnavox.



CORDOVA

### *Cordova Model*

110 volt, 60 cycle A.C. Combining rectifier and power amplifier. Takes place of last audio stage in set. Handsome walnut cabinet. List \$175.00.

*Southern California Distributors:*

**Western Radio**  
INCORPORATED

**3338**

**Los Angeles**

# THE STUDIO

---

Below—Tommy Munro and Bob Allen, KPO's newest jazz stylists, made their radio bow on KPO's weekly frolic, the *Variety Hour*, which is given every Monday night at 10:00 o'clock. Munro's specialty is blue songs, singing monologues and popular numbers done to the rhythmic accompaniment of Bob Allen at the piano.



At Left—The Harmony Trio, composed of Garnet Peoples, violin; Winslow Adams, 'cello and Norma Coleman, piano, have been entertaining listeners-in for some time over KTBI and will be heard regularly over that station beginning November 17 every Saturday at 7:30 p.m. Their next program over KTBI will be presented October 29, at 7:30 p.m.

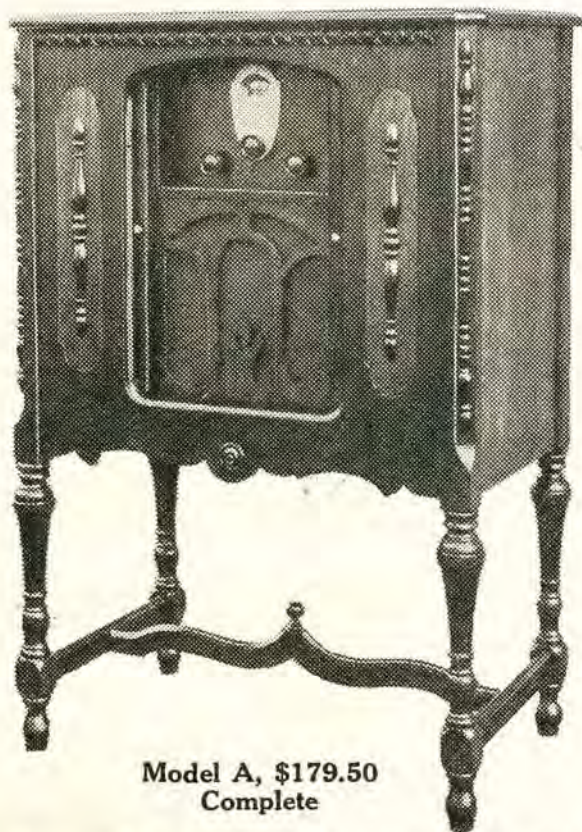


— A NEW SENSATION —  
**FLINT RADIO**

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The Very  
 Latest and  
 Best in Radio  
 Reception  
 Using  
 Push-Pull  
 Amplification  
 with Power  
 Dynamic  
 Speaker and  
 No Hum

❖



Model A, \$179.50  
 Complete

We wish to announce to the Radio Dealers that the Flint A. C. Radios are now on the market with 3 new models as follows:

Model C, \$99.50; Model B, \$149.50; Model A, \$179.50  
 All Complete

*Dealer Franchises Are Open*

**FLINT RADIO CO.**

150 Glendale Blvd.

Los Angeles

MUtual 0041

# Trade News

## Eveready With Wilkins

Sir George Wilkins, the famous Arctic explorer, tuning in on his Eveready radio set, which he is carrying with him aboard the S. S. "Southern Cross" to South America, on his way to establish an Antarctic flying base at Deception Islands. The set shown, a new type of battery set, using hi-mu tubes, is of maple in early American finish, and is mounted on a pedestal of the same material, containing radio dry batteries.



The speaker above the set is a matched maple unit. Sir George Wilkins' flight from Fort Barrow, Alaska, to a point near Spitzbergen, was hailed by Amundsen as the greatest flight in history.

## Bond Sales Contest

The public has apparently been confused in the use of the name "Yale," so the Yale Electric Corporation decided to rechristen their products and present them under the trade name "Bond." At this time the corporate title has been changed to The Bond Electric Company.

The Bond Electric Company manufacture a complete line of B Batteries, flashlights, flashlight batteries and dry cells.

In order to get the new name "Bond" firmly settled in the mind of the public they have offered \$10,000 in prizes to the consumers and \$2,500 to the deal-

ers. An elaborate newspaper and national magazine advertising program has been started, and will be carried on un-



til the first of the year. Watch the Bond advertising and win one of these fine cash prizes.

## Sonatron Has Unique Display at New York Show

A clever combination of features made the Sonatron Tube Company's booth at the recent Radio World's Fair in New York a center of attraction.

The Sonatron Tube Company has one of the largest line of tubes in the world.



Due to their enormous manufacturing facilities they have been able to supply the manufacturer and consumer where some of the other tube manufacturers have failed.

Sonatron Tubes are distributed in California by Listenwalter & Gough.

# Write for this Book

80 Page Manual  
Tells How to  
Build

## 4 NEW HI-Q RECEIVERS

This is the biggest and most complete Construction Manual ever published by Hammarlund-Roberts. 80 pages of text, photos and diagrams on how to build the New Hi-Q Receivers (Junior Hi-Q 29 at \$54.35; Junior A.C. Hi-Q 29 at \$103.50; Master Hi-Q 29 at \$99.50; and the Master A.C. Hi-Q 29 at \$154.50.) Each of these new receivers is a distinct advance over any Hi-Q Receiver of the past 4 years—each is a completely shielded “coast-to-coast” instrument—each is a marvel in selectivity and sensitivity—each has even finer tone than



MASTER HI-Q 29

The outstanding feature of this set is the Hi-Q Band-pass Filter, which actually effects FLAT-TOP TUNING within a 10 K.C. band. Also screen-grid tubes, completely shielded, concealed wiring.

any of the famous Hi-Q instruments of the past. And each can be built, by following the simple directions in the Hi-Q Manual, at SAVINGS of \$50 to \$100 over any ready-made receiver of anything like similar efficiency.

This New Manual also covers power amplification construction, short wave adaptors, installation, high efficiency battery and tube combinations, antennas, house wiring and a wealth of other practical information. Shows you how to build a fine radio for yourself AT A SAVING and how to build for others AT A PROFIT.

Send 25 cents for your copy before first edition is exhausted.

Hammarlund-Roberts,  
1182-P Broadway, New York

**Hammarlund  
Roberts**  
*Custom-Built*  
**Radio**

### Associate Manufacturers

Sanzamo Electric Co.	Acme Wire Co. (Parvott)
Thordarson Elec. Mfg. Co.	International Resistance Co. (Durham Resistors)
Hammarlund Mfg. Co.	Radiall Co. (Amperite)
Yaxley Mfg. Co.	Electrad, Inc. (Truvolt)
Benjamin Elec. Mfg. Co.	Westinghouse Micarta
Arcturus Radio Co.	



## When It Comes to Service

It is quite likely that you will have to look a long time before finding a service instrument that so thoroughly fills the requirements for radio service equipment as does the Jewell Pattern No. 199 A.C.-D.C. Radio Set Analyzer.

This set was designed to take care of the service needs of the many new A.C.-operated radio sets as well as those of the battery operated type. Features that have made it a favorite with experienced radio service men are given below:

### Pattern No. 199—Price \$97.50 Complete



*Easily portable leather covered case with removable cover.*

*Five-prong plug with four-prong adapter.*

*Four reading A.C. Voltmeter 0-4-8-16-160 volts.*

*Six reading D.C. Volt-milliammeter 0-7.5-75-300-600 volts and 0-15-150 milliamperes.*

*Accurate tube test.*

*Positive, silver contact push button switches for taking readings.*

*New cathode voltage test.*

*All ranges brought to binding posts for continuity tests.*



Pattern  
No. 150

Price  
\$38.00  
Complete

The Jewell Pattern No. 150 A.C. Tube Checker is somewhat similar to previous Jewell tube checkers, which have earned such an enviable reputation. All tubes can be tested without resorting to batteries of any kind.

“28 Years Making Good Instruments”



The Radio Dealers listed below are fully equipped to give you reliable, accurate service with Jewell Instruments:

- |  |  |  |
|--|--|--|
| <b>Los Angeles</b>   | <b>Sunset Electric</b><br>1515 Sunset Blvd.                          | <b>Pasadena</b>  |
| <b>Associated Radio Serv.</b><br>4285 Beverly Blvd.                  | <b>Rudolph Wurlitzer Co.</b><br>816 S. Broadway                      | <b>Gibbel Radio Co.</b><br>351 N. Lake                       |
| <b>Barker Brothers</b><br>8th and Flower                             | <b>Arcadia</b>   | <b>Radio Doc Wadsworth</b><br>1581 E. Walnut                 |
| <b>Frank Bayer</b><br>5155 W. Adams                                  | <b>Arcadia Radio &amp; Supply</b><br>18 N. First Ave.                | <b>Pomona</b>  |
| <b>Beacon Electric</b><br>5113 W. Pico                               | <b>Alhambra</b>  | <b>W. T. Woolard</b><br>548 S. Thomas                        |
| <b>Bimini Electric &amp; Radio</b><br>109 S. Vermont                 | <b>W. L. Allan Radio</b><br>Interference Div.<br>So. Cal. Edison Co. | <b>Newport Beach</b>   |
| <b>Birkel Music Co.</b><br>446-448 S. Broadway                       | <b>Le Roy Radio Elec. Co.</b><br>40 N. Garfield                      | <b>Saunders Electric Shop</b><br>1013 22nd St.               |
| <b>Broadway Dept. Store</b><br>4th and Broadway                      | <b>T. J. Irving</b><br>1525 W. Main                                  | <b>San Diego</b>   |
| <b>Brunswick-Balke-Collender</b><br>845 S. Los Angeles               | <b>Beverly Hills</b>   | <b>North Park Radio</b><br>3824 30th St.                     |
| <b>C. &amp; G. Electric &amp; Radio Co.</b><br>1501 W. Santa Barbara | <b>MacCauley Radio Co.</b><br>359 Beverly Drive                      | <b>Santa Ana</b>   |
| <b>L. A. Duncan</b><br>2891 W. Pico                                  | <b>Glendale</b>  | <b>Foster-Barker Music Co.</b><br>309 W. 4th St.             |
| <b>Donnel's Music Co.</b><br>3831 Wilshire Blvd.                     | <b>Glendale Music Co.</b><br>118 S. Brand Blvd.                      | <b>Santa Barbara</b>   |
| <b>Eastern Outfitting Co.</b><br>620 S. Main St.                     | <b>Shuck Music Co.</b><br>309 N. Brand Blvd.                         | <b>Bolton &amp; Jones</b><br>819 State St.                   |
| <b>Fitzgerald Music Co.</b><br>727 S. Hill St.                       | <b>Glendora</b>  | <b>Santa Monica</b>  |
| <b>W. L. Grafton</b><br>3422 Garden Side Lane                        | <b>J. J. Peyton &amp; Son</b><br>108 N. Michigan                     | <b>Radio Bargain House</b><br>1457 14th St.                  |
| <b>Larkin Radio Co.</b><br>4285 Beverly Blvd.                        | <b>Hollywood</b>   | <b>Sawtelle</b>  |
| <b>George W. Ross</b>  | <b>W. Hanson</b><br>7575 Sunset Blvd.                                | <b>George W. Burzell</b><br>11353 Santa Monica Blvd.         |
| <b>Sears, Roebuck &amp; Co.</b><br>All Stores                        | <b>Huntington Park</b>   | <b>South Pasadena</b>  |
| <b>Schwabacher-Frey Co.</b><br>736 S. Broadway                       | <b>Hageys Music Shop</b><br>133 E. Florence                          | <b>The Radio Electric</b><br>1161 Fair Oaks                  |
| <b>Shank &amp; Shank</b><br>1537 S. St. Andrews                      | <b>Pasadena</b>  | <b>Van Nuys</b>  |
|  | <b>C. M. Sayers</b><br>55 W. Colorado                                | <b>Marsden Elec. Co., Inc.</b><br>6344 Sherman Way           |
|  |  | <b>Venice</b>  |
|  |  | <b>Bay Radio Service</b><br>(W. Howell)<br>924 Victoria Ave. |
|  |  | <b>Whittier</b>  |
|  |  | <b>Whittier Hardware Co.</b><br>40 N. Greenleaf              |

WHOLESALE



DISTRIBUTORS

The Home of JEWELL Instruments

1129 Maple Ave.  
WE 5907 Los Angeles





**A-C**  
ALL ELECTRIC  
**7**  
TUBES

*Majestic*  
**RADIO**

*The 1928*  
*Radio Sensation*



*The High Boy, \$210.25*  
*Complete in Your Home*

Complete in Every Detail—  
All Electric—Dynamic  
Speaker—Cabinets of Dis-  
tinction and Beauty.

*Immediate Delivery*

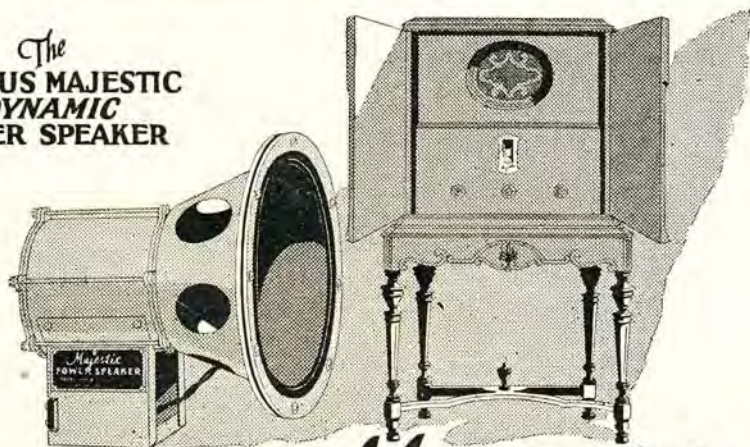
**Model 71 Consolette**  
**\$172.75 Complete**

USUAL BIRCH-SMITH TERMS PREVAIL

**Birch-Smith Furniture Co.**  
737-41 Hill St. Near 8<sup>th</sup>

Phone TRinity 4121

The  
**FAMOUS MAJESTIC  
DYNAMIC  
POWER SPEAKER**



## *The Secret of Majestic's* **Tone Superiority**

The Majestic Super-Dynamic Speaker, manufactured under RCA patents and patterned after the famous Radiola 104 Speaker which is acknowledged to be the greatest reproduction apparatus ever built, gives to Majestic All-Electric Radio tone qualities that have surprised even manufacturers of other radio receivers.

The fidelity of tone made possible by the "much talked about" Majestic Dynamic Power Speaker has caused noted musicians throughout the country to acclaim it as the nearest approach to the human voice of any device ever perfected.

Every Majestic purchaser receives this famous speaker built into each Majestic model. Let one of the authorized Majestic dealers whose names appear on the two following pages demonstrate this sensational radio in your own home, without obligation.

**UNGAR & WATSON, INC.**

*Distributors for Southern-California and Arizona*

13631½ S. Figueroa St.

LOS ANGELES

**SEE NEXT PAGE** 

# MAJESTIC RADIO DEALERS

Any of these authorized Majestic Radio Dealers will gladly, and without obligation, demonstrate Majestic Radio in your own home and explain the very reasonable payment plan. See your nearest dealer today.

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SKY PILOT RADIO COMPANY  
5184 W. Adams St.  
S.O. CALIF. MUSIC CO.  
506 S. Broadway  
STANDARD RADIO CO.  
417 W. Pico St.  
HARRY SEVOY  
818 W. Jefferson St.  
SUNSET ELECTRIC CO.  
1570 Sunset Blvd.  
UNIVERSITY RADIO SHOP NO. 2  
3425 S. Vermont Ave.  
W. A. K. RADIO CO.  
6903 So. Western Ave.  
WALKER'S DEPARTMENT STORE  
Fifth and Broadway  
WALKER RADIO SHOP  
8531 S. Vermont Ave.  
WATSON RADIO STORES  
4411 S. Broadway  
WEST COAST FURN. CO.  
1750 W. Washington St.  
WESTERN HOME FURN. CO.  
4311 S. Central Ave.  
WOLFE RADIO & MUSIC CO.  
547 S. Western Ave.  
WOROBIEFF'S  
2038 E. First St.  
C. S. YOUNG  
3713 E. First St.  
YOUNG'S MUSIC, INC.  
512-16 W. Santa Barbara

## Southern California

ALHAMBRA, Ashton Elec. Co.  
25 N. Garfield Ave.  
ALHAMBRA, H. P. Carnahan  
134 E. Valley Blvd.  
ALHAMBRA, T. J. Irving  
1525 W. Main St.  
ALTA DENA, Nazarian's  
1054 N. Allen  
ANAHEIM, Anahelm Elec. Co.  
209 W. Center St.  
ARCADIA, F. W. Smith  
107 E. Huntington Dr.  
ARLINGTON, W. P. Symons  
681 Magnolia Ave.  
ARTESIA, Wm. B. Hayes  
325 N. Main St.  
ARVIN, Sparlock & Thayer  
AVALON, J. E. Mathewson  
706 Crescent Ave.  
AZUSA, White & Wolfe  
711 Alameda St.  
BAKERSFIELD, Malcolm Brock Co.  
1920 Chester Ave.  
BAKERSFIELD, Don C. Preston  
124 E. H St.  
BANNING, Ed Dunn  
105 San Geronimo  
BARSTOW, Geo. Cunningham  
BELL, Baker Ave. Electric  
4472 Baker Ave.  
BELLFLOWER, Berle E. Moore  
427 Somerset  
BEVERLY HILLS, Behner-Real Radio Co.  
247 N. Beverly Dr.  
BEVERLY HILLS, Ott Radio Co.  
303 N. Robertson Blvd.  
BRAWLEY, Imperial Valley Hardware Co.  
BREA, Denner Radio Service  
110 E. Cedar St.  
BURBANK, Radio Studio  
221 N. Magnolia Ave.  
CALEXICO, Imperial Valley Hardware Co.  
CHULA VISTA, Herbert V. Bryant  
299 Third Ave.  
CLAREMONT, Morley T. Jones  
114 Yale St.

COLTON, Hub Hardware Co.  
158-164 West I St.  
COMPTON, Nygaard Elec. Co.  
220 E. Main St.  
CORONA, B-K Radio Shop  
706 Main St.  
CORONADO, Bechtel's Radio Den  
1017 Orange Ave.  
COVINA, Harold R. Houser  
117 W. College St.  
CORONADO, W. E. Bechtel  
718 Third St.  
CULVER CITY, Blunts Radio Shop  
6808 Culver Blvd.  
DOWNEY, Darnell Elec. Co.  
132 W. Second St.  
EAGLE ROCK, Roy J. Weaver  
0059 Eagle Rock Blvd.  
EL CAJON, Payne & Smith  
EL CENTRO, Imperial Valley Hardware Co.  
EL MONTE, The Radio Shop  
408 Main St.  
ESCONDIDO, H. W. Maddux  
119 N. Broadway  
FILLMORE, Halletts Auto Electric Co.,  
548 W. Santa Clara  
FULLERTON, Fullerton Radio Shop  
102 W. Commonwealth  
GARDEN GROVE, P. N. Larson  
101-104 E. Ocean Ave.  
GARDENA, Don M. Spears  
725 W. 155th St.  
GLENDALE, Benson Radio Lab.  
201 N. Brand Blvd.  
GLENDALE, Broadway Radio Elec.  
202 E. Broadway  
GLENDALE, Glendale Music Co.  
118 S. Brand Blvd.  
GLENDALE, Russell-Pierce Furn. Co.  
1800 S. Brand Blvd.  
GLENORA, F. A. Seimears  
210 N. Michigan Ave.  
HAWTHORNE, Hawthorne Radio Shop,  
286 N. Hawthorne Blvd.  
HEMET, Robert Record  
HERMOSA BEACH, C. Alexander & Co.,  
530 Camino Real  
HOLTVILLE, Imperial Valley Hardware Co.  
HUNTINGTON BEACH, H. L. J. Smith,  
125 Main St.  
HUNTINGTON PARK, Bevan Elec. Co.,  
216 S. Pacific Blvd.  
HUNTINGTON, Eastern Outfitting Company,  
6538 Pacific Blvd.  
HUNTINGTON PARK, Platt Music Company,  
389 S. Pacific  
HUNTINGTON PARK, W. G. Potter  
5518 Pacific Blvd.  
INGLEWOOD, Aylsworth Electric Co.,  
N. Market St.  
INGLEWOOD, James S. Glynn  
10400 Hawthorne Blvd.  
LAGUNA BEACH, Lynn Electric Co.  
Forest Ave.  
LA HABRA, J. G. Jenks  
119 W. Central Ave.  
LA JOLLA, C. H. Messner  
927 Silverado St.  
LAMANDA PARK, Nazarian's  
2450 E. Colorado St.  
LA MESA, La Mesa Radio & Appliance Co.,  
LANCASTER, Valley Furniture Co.  
1025 Antelope Ave.  
LA VERNE, Virgil W. Neher  
3121 Third Street  
LOMPOC, Rudolph Hdwe. Co.  
LONG BEACH, Aiday & Crandall  
510 E. Anaheim  
LONG BEACH, Barker Bros.  
222 American Ave.  
LONG BEACH, Belmont Radio  
3404 E. Broadway  
LONG BEACH, Electrique Radio Co.,  
1719 E. Anaheim  
LONG BEACH, J. R. Foster  
1102 E. 4th St.  
LONG BEACH, Humphrey's Music Co.,  
431 Pine Ave.  
LONG BEACH, Intercity Radio Stores Co.,  
405 American Ave.  
LONG BEACH, F. R. Mitchell  
5727 Atlantic Blvd.

LONG BEACH, Platt Music Co.  
334 Pine Ave.  
LONG BEACH, Radio Glenn  
5203 E. 2nd St.  
LONG BEACH, Seaside Elec. Co.  
63 S. Magnolia St.  
LONG BEACH, Snyder Music Co.  
2218 E. 4th St.  
LYNWOOD, Lynwood Elec. Co.  
11431 Long Beach Blvd.  
MAYWOOD, Home Furn. Co., Store No. 4,  
3513 E. Slauson Ave.  
MAYWOOD, Home Furniturs Co.  
4501 E. Slauson  
MCFARLAND, Lester J. Kuentzel  
MOJAVE, I. Blum  
MONTROSE, Montrose Radio Shop  
2215 Honolulu Ave.  
MONROVIA, Arthur A. Ross  
504 S. Myrtle St.  
MONTEBELLO, Smith Bros. Music Co.,  
509 Whittier Blvd.  
NATIONAL CITY, Nelson-Smith Co.  
820 National Ave.  
NEEDLES, White's Pharmacy  
NORTH HOLLYWOOD, Langlands & Schade,  
5317 Lankershim Blvd.  
NORWALK, R. Molina  
110 N. First St.  
OCEAN BEACH, Strand Radio and Appliances Co.,  
4991 Newport  
OCEAN PARK, Ocean Park Radio Service,  
171 Pier Ave.  
OCEANSIDE, Radio Music Den  
601 Second St.  
ONTARIO, Ayers & Hackley  
421 N. Euclid Ave.  
ONTARIO, R. J. Tobey  
243 N. Euclid  
ORANGE, Cossairts Radio Shop  
154 S. Glassell  
OWENSBORO, Benson Electric  
21508 Sherman Way  
OXNARD-Carl's Radio Den  
207 Fifth St.  
PASADENA, Hancock Music Co.  
333 Colorado St.  
PASADENA, Jordans, Inc.  
885 E. Colorado  
PASADENA, Premier Radio Corp.  
11 E. California St.  
PASADENA, Pasadena Radio Supply Co.,  
45 N. Broadway  
PASADENA, Service Radio Shop  
1104 E. Colorado St.  
PASO ROBLES, Merrifield Radio Shop  
PERRIS, C. W. Kirkpatrick  
POMONA, Wiley B. Allen Co.  
434 W. 2nd St.  
POMONA, George W. Hiatt  
183 E. Third St.  
POMONA, Morley T. Jones  
161 S. Garer St.  
PUENTE, S. A. Poef  
112 W. Main St.  
RANDSBURG, Francis X. Moore  
REDLANDS, Yount & Daly  
109 W. Citrus Ave.  
REDONDO BEACH, J. H. Tharp  
126 S. Pacific  
RIVERSIDE, R. F. Austin  
916 Main St.  
RIVERSIDE, B-K Radio Shop  
642 W. Ninth St.  
SAN BERNARDINO, Footies Furniture Co.,  
685 Third St.  
SAN BERNARDINO, Gurr Smith Co.  
442 E St.  
SAN DIEGO, Barker Bros.  
3717 Fifth Ave.  
SAN DIEGO, Dearborn Radio Shop  
1029 University Ave.  
SAN DIEGO, Edmondson Radio & Elec. Co.,  
3514 Adams Ave.  
SAN DIEGO, Holzwasser, Inc.,  
Broadway and Fifth.  
SAN DIEGO, The Radio Shop  
746 Broadway  
SAN DIEGO, So. Calif. Music Co.  
720 Broadway  
SAN DIEGO, Thearle Music Co.,  
640 Broadway  
EAST SAN DIEGO, Glenn H. Dutton  
2885 Van Dyke St.

SAN DIMAS, Joe Walterscheid  
138 W. Bonita Ave.  
SAN FERNANDO, Willis Rowe  
710 Porter Ave.  
SAN GABRIEL, Morphy & Hendrickx  
243 S. San Gabriel Blvd.  
SAN LUIS OBISPO, Merrifield Music Co.,  
762 Higuera St.  
SAN JACINTO, Lloyd Record  
SAN PEDRO, Coleman Battery and Ignition Co.,  
1302 Pacific Ave.  
SAN PEDRO, Johnson Radio Service  
Gaffey St. at 9th  
SAN PEDRO, San Pedro Elec. Co.  
293 Sixth St.  
SANTA ANA, J. C. Horton Furniture Co.,  
421 N. Main St.  
SANTA ANA, Shafer's Music House  
415 N. Main St.  
SANTA ANA, Turner Radio Co.  
221 W. Fourth St.  
SANTA BARBARA, Lamb Auto Elec. Co.,  
1200 Anacapa St.  
SANTA MARIA, The Electric Shop  
119 S. Broadway  
SANTA MONICA, Arthur E. Jackson Music Co.,  
1447 Third St.  
SANTA MONICA, Arthur E. Jackson  
718 Santa Monica Blvd.  
SANTA MONICA, Ray E. Shafer  
1502 Fourth St.  
SANTA PAULA, Pace L. Smith  
944 Main St.  
SATICOY, H. H. Wright  
SAWTELLE, Harry V. Gilbert  
1008 Sawtelle Blvd.  
SHERMAN, Majestic Music Shop  
8873 Santa Monica Blvd.  
SIERRA MADRE, Radio Shop  
7 Kelsting Court  
SOUTH PASADENA, Harry W. Weber,  
1757 Garfield Ave.  
SOUTH PASADENA, Jones & Cross  
1020 Mission St.  
TAFT-Don C. Preston  
219 Fourth S  
TAFT, Jack Toon  
507 Center St.  
TEMPLE, E. L. Marling  
109 S. Sunset Blvd.  
TORRANCE, C. Alexander & Co.  
1314 Sartori Ave.  
TUJUNGA, Sunset Radio & Electric Shop,  
437 E. Sunset Blvd.  
UPLAND, Colborn Elec. Co.  
220 2nd Ave.  
VAN NUYS, Simpson Furn Co.  
8472 Van Nuys Blvd.  
VENICE, Young Music Co.  
66 Windward  
VENTURA-C. W. Richards  
79 S. Oak St.  
VENTURA, Louie A. Snow  
115 Ventura Ave.  
VICTORVILLE, Fish Elec. Co.  
WALNUT PARK, L. & G. C. Pyle  
7907 Serille  
WATTS, T. J. Stevens & Son  
1608 E. 103rd St.  
WESTMINSTER, San Pedro Lumber Co.  
WHITTIER, H. C. Oldham  
125 S. Greenleaf  
WHITTIER, Whittier Auto Electric Works,  
121 N. Milton  
WILMINGTON, Geo. F. Clausing  
119 W. Anaheim St.

## Arizona Dealers

CLARKDALE, ARIZ., Thomas B. Jones Furn. Co.  
CLIFTON, ARIZ., Phelps Dodge Mercantile Co.  
DOUGLAS, ARIZ., Phelps-Dodge Mercantile Co.  
FLAGSTAFF, ARIZ., Babbitt Bros. Globe, ARIZ., Mine Supply & Hardware Co.  
PHOENIX, ARIZ., Barrows Furniture Co.,  
Inc. First at Jefferson  
PHOENIX, ARIZ.-Redewill Music Co.  
222-4 W. Washington.  
PRESCOTT, ARIZ., Miller & Klahn  
105 N. Marina  
TUCSON, ARIZ., Russell Electric & Machine Co.,  
221-23 E. Congress St.  
YUMA, ARIZ., Imperial Valley Hardware Co.

**85 Carloads**  
**97 Carloads**  
*Sold in Southern California*  
**in 134 days**

*Majestic* **RADIO**

ASK ANY MAJESTIC DEALER WHY! ©

Majestic radio dealers in Southern California are telling the public, through the medium of a comprehensive poster advertising campaign, of the world's record they have made for the sale of one make of radio. The posters originally read 85 carloads in 118 days, but carload sales became so numerous that the posters were soon changed to read "97 carloads of Majestic Radio sold in Southern California in 134 days."

CALL ONE OF THESE  
**MAJESTIC DEALERS**

*They Can Make IMMEDIATE Delivery*

**DOWNTOWN**

*Free Demonstration*

*Easy Terms*

**AMERICAN RADIO CO.**

108 E. 8th St. TU. 6028

*Maintaining a Complete  
and Up-to-Date Service Department*

**LIBERAL TERMS**

**BIRKEL MUSIC CO.**

*Home Demonstration Solicited*

446 S. Broadway VA. 1241

**CULVER CITY**

*Convenient Location—Terms  
Trade-in Allowance—Service*

**Blunt Radio Electric Shop**

6808 Culver Blvd. Phone 2286

**SOUTH WESTERN AVENUE**

*Free Demonstrations  
Convenient Terms*

**ROBINSON RADIO SHOP**

*Open Evenings*  
4528 S. Western VE. 6683

**SANTA BARBARA AVE.**

**RADIO ELECTRIC SHOP**

*Liberal Trade In—Terms to Suit*  
1428 W. Santa Barbara VE. 7440

**NORTHEAST**

*Home Demonstrations Terms  
Snappy Delivery*

**Shane Hardware & Electric  
Company**

*"We Are Radio Experts"*  
2906 Division St. Capitol 5741

**HIGHLAND PARK**

*"Your Majestic will be the same wherever you  
buy it, but, only Holland can give you  
"Holland Service"*

**HOLLAND ELECTRIC  
SHOP**

*Open Evenings*  
5632-34 Pasadena Ave. GA. 3912

## New S-M Audio Transformers

Again in 1928, as in 1926, when the now famous S-M 220 transformers set performance standards only now being equalled in competitive brands, S-M startles the radio world with a new type of audio transformer, that does the seemingly impossible, and overshadows every audio development heretofore introduced.

The new S-M transformers operate upon an entirely new principle devel-

provide tone quality far finer than the best ever heretofore obtainable.

With the popular S-M 220 audio transformers the standard of comparison and the largest selling high-grade transformers since 1926, some inkling of the tremendous advance in tone quality now made possible by the new transformers, can be realized when it is appreciated that S-M guarantees them to give better tone, greater amplification, and far less distortion than any other known types. They provide amplification curves actually rising at the lower frequencies, approximately double average amplification, and practically eliminate hysteretic distortion found in all other audio transformers and which absolutely prevents really fine reproduction on high volume, as with power tubes.

At first glance the actual transformer circuit may appear familiar, and might be unwittingly compared to "tuned-impedance," "dual-impedance," "resistance-impedance-leak" or other conventional forms of amplifier coupling. Circuit similarity, however, is of no prime consequence, for no other connection methods will achieve results identical with the Clough system, the secret of improved performance lying in mathematically correctly proportioned constants. The point to be grasped is that no other systems can produce values of amplification per stage even comparable with ordinary transformer coupling, and that no conventional transformers can be made to equal the performance of the Clough system.

Actual comparison with representative standard transformers shows practically doubled amplification for the new S-M 255 and 256 transformers, and a bass rise at about 100 cycles where it is most needed for speaker compensation. Amplification at 64 cycles is the same as at 1,000 cycles. The sharp fall-off below 50 cycles applies to a practically unused frequency range (for either voice or music) and a range over which practically no loudspeaker will operate. On paper this sharp cut-off may appear a drawback, as compared with the more gradual fall-off. Actually, the reverse is the case in practice, and the 100 cycle rise provides more realistic bass reproduction, to the ear, than does the gradual fall off. Above 1,000 cycles, the curve of the new S-M 255 is ideal even

(Continued on Page 95)

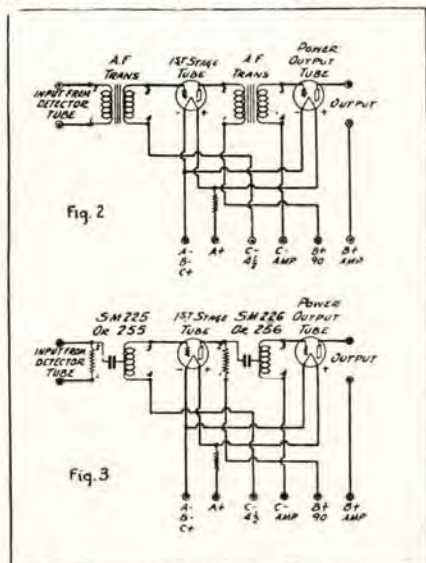


Fig. 2—Two stages of ordinary transformers. Fig. 3—Clough system.

oped by Kendall Clough, under whose patent application they are licensed.

When the bewildering story of the new S-M Clough-System audio transformers burst upon the R.M.A. Trade Show at Chicago, in June, 1928, it caused incredulous wisecracks to crowd around the test bench where these new transformers were being ruthlessly pitted against the highest priced instruments ever placed on the market. One man after another turned away, convinced beyond question that here was the greatest actual advance in quality of reproduction that American inventive genius has brought forth in years. Not a single one of the thousands of observers who witnessed the tests was left in doubt as to the tremendous superiority of these new S-M transformers, which



# SM

## We Think You Ought to Know-

Tone Quality is elusive. Impartial engineers are finding by tests that the new Clough system audio transformers come closer to absolutely faithful reproduction than any others at any price.

To prove to the public the truth of this, we are taking the two fairest ways we know.

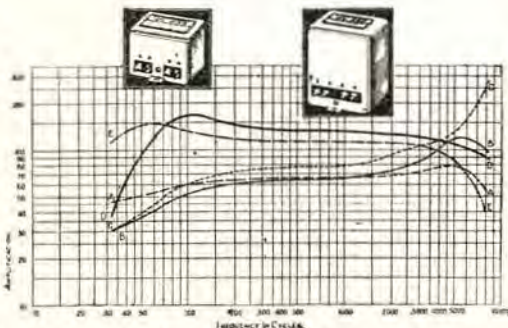
**FIRST:** We are building and demonstrating in the most public places—big radio shows, hotels, dealer's show rooms—**COMPARISON AMPLIFIERS**, with switches to interchange instantly two sets of audio transformers in the same circuit. The resulting sales are tremendous. Is any other manufacturer doing this? If not, why is S-M the only one?

**SECOND:** We guarantee absolutely that the S-M Clough-System transformers cannot be surpassed by any type not utilizing this invention—at any price whatsoever.

If you have the equipment, verify this yourself by tests. If not, listen to one of these comparison amplifiers. Or, if you can't do this—just try a pair. Ask your own ears!

### WE THINK YOU OUGHT TO KNOW.

In the curves above, E is the two-stage curve for the large-size transformers (S-M 225, first stage; and 226, second stage, \$9.00 each). D is that of the smaller ones (S-M 255, first stage; and 256, second stage, \$6.00 each). Note the marked advantage over A, B, and C—all standard eight to ten dollar transformers under equal conditions.



### Have You Seen the S-M 720 Screen Grid Six Receiver

It embodies in the most perfect form the revolution that screen grid tubes have brought about in long distance reception. Three such tubes in the r. f. stages with S-M shielded coils, will bring in distant stations on the next 10 kc. channel to powerful locals! New S-M audio transformers set a far higher standard of tone quality than ever known before. Custom-built, complete, \$102.00; complet kit less cabinet, \$72.50.



Write the factory for free 24-page catalog with full information about S-M kits and parts; also sample copy of *The Radiobuilder*.

## MARSHANK SALES COMPANY

Southern California Representative

224 East Sixteenth Street

Los Angeles, Calif.

SILVER-MARSHALL, INC., 876 West Jackson Blvd., Chicago, U. S. A.


**SM**

# A Beauty---Yes---! and Watch It Step!

There's nothing of that "tinkering look" about the S.M. 720. It might be, for the neat, modest appearance of its two-tone brown moire cabinet, any one of the higher-grade "beauty" radio sets which adorn show windows. Even when you *hear* it (on some "easy-to-get" station) you may not notice at once its rare reproduction—unless a symphonic program should present some of the more difficult tonal values that show the "720" up for the finest of tone quality. But—leave for a moment the beaten paths of the air. Turn to a "vacant" channel. Or better yet—a wave-length ordinarily clogged by heavy local interference. Turn up that "distance" knob—and watch that gang of three screen-grid r. f. tubes get into action. *Listen to a voice you never heard before!* Do it again, and again, on other dial points.

Then you'll never ask again, "why people have custom-built radios"—nor be content with any performance less than that of a genuine custom-built S.M. Screen-Grid Six.

*The price is the biggest surprise of all. Come in, write or wire—prompt service.*



## S-M Tone Quality

The moment your own ear has proved beyond a doubt the superior tone quality that all the new S-M receivers provide, you will want to know what produces it—and to know also that it can be built into any good set by using the new S-M Clough-system audio transformers. The larger models (225 first stage, 226 second stage, \$9.00 each) are very nearly ideal in their reproduction—but even the smaller ones (255 first stage, 256 second stage, \$6.00 each) are guaranteed far superior to any other audio transformers you can buy at any price.



# RADIO

## MANUFACTURERS SUPPLY CO.

**OPEN EVENINGS  
UNTIL 9 P.M.  
SATURDAY  
UNTIL 10 P.M.**



**SOUTH BROADWAY COR. 10<sup>TH</sup> ST.**

**OPEN EVENINGS  
UNTIL 9 P.M.  
SATURDAY  
UNTIL 10 P.M.**



## New Zealand

Okato,  
Taranki,  
New Zealand.

Radio Doings, Los Angeles.

Dear Sirs:

The proprietors of KFON very kindly sent me one of the Radio Doings. I must say it is very good of them to send me such a book, as it is very useful for DX work for us listeners in New Zealand. I am giving the list of New Zealand stations to publish in Radio Doings to help the DX listeners in California. Could you possibly get any DX listeners in your circle to correspond with me to exchange views, etc. With good luck to your paper, I remain,

Sincerely, S. R. ELLIS.

The list of N. Z. stations is as follows:

Call	Location	Meters	Sched.	Power
1YA	Auckland	333	Daily	500
1ZB	Auckland	275	Monday	250
1ZQ	Auckland	256	Monday	100
2YA	Wellington	420	Daily	5000
2AQ	Taihape	340	Sunday	250
2ZF	Palmerton	280	Wed. & Sun.	50
3YA	Christchurch	306	Daily	500
3ZC	Christchurch	250	Tuesday	250
4YA	Dunedin	463	Daily	500
4ZL	Dunedin	260	Saturday	250
4ZB	Dunedin	277	Tuesday	50
2ZM	Gisbone	275	Sunday	250

We thank Mr. Ellis for his kind letter and the list of stations, and we are sure that many of our DX Club members will avail themselves of the opportunity to correspond with him relative to trans-Pacific DX.

### "MAC" HOOKS A NEW ONE!

We were happy to receive a note from the world's champion DX'er last week. We have never attempted to publish William MacDonald's DX list in Radio Doings for the reason that it would take up several pages. While the United States is "local" to Mac, and he usually concentrates on Europe, he occasionally deems it worthwhile to pick up a "little feller" on the East coast, and his note last week was to the effect that he had just added CFBO to his list. Upon thumbing through several call books, we finally found this station to be located in St. John, New Brunswick, and to broadcast on all of 50 watts! Ohmigosh! New Brunswick is that Canadian province just north of the state of Maine, and 50 watts is just half the juice that KGFJ uses!

## Short Wave Club

### SYDNEY AND NEW YORK HOLD POW-WOW

Short Wave Club:

Yesterday morning, between midnight and 2 a. m., I listened to a test between 2ME, Sydney, Australia, and W-2XAF, Schenectady. It was a great kick to be able to hear both stations talking to each other and reporting on volume, etc. 2ME is on about 28.5 meters, and has very good volume. My log to date is as follows: All these stations on voice and music:

- 5LD, Oklahoma City, 80 meters.
- 6XAR, San Francisco, 80 meters.
- CKJR, Winnipeg, Canada, 26.4 meters.
- 8XJ, Pittsburg, 26.4 meters.
- 2XAF, Schenectady, 31.4 meters.
- 2XAD, Schenectady 21.96 meters.
- WLW, Cincinnati, 52 meters.
- RFM, Khabarvsk, Siberia, 70 meters.
- 2XJ, in New Jersey, about 30 meters.
- 2ME, Sydney, Australia, about 28.5 meters.

SHERMAN M. FARR,  
1677 Westmoreland Blvd.,  
Los Angeles, Calif.

### WRIGHT GETS LONDON REGULARLY

Donald Wright, 1123 SouthMeyler St., San Pedro, the chap who daily listens to Merrie England on his three-tube short wave set, sent us in a four-page letter reporting in detail the programs of 5SW, Chelmsford, England, for four consecutive days. He tunes them in around 2:15 p. m., and holds them to 3:30 or 4 o'clock. Reception is so good that he is able to log the names of all musical numbers, quote announcements word for word, etc. 5SW broadcasts the regular programs of 2LO, London, and this consistent reception of their daily programs in mid-afternoon here is an outstanding example of what is possible on the short waves. An efficient receiver, even of but three or four tubes, coupled with patience in tuning, brings results and thrills that make it well worth while. Japan, Australia, Siberia, England and our own Eastern stations WGY, WLW and KDKA, are all there for you to find and enjoy.

## ? Questions and Answers ?

A Weekly Department Conducted by K. G. Ormiston, I.R.E.

**QUESTION**—What is generally the best aerial—single wire antenna or double wire; 50 or 100 feet; cage or upright umbrella? This is for an AC set of 7 tubes. Is a ground, consisting of a 5-foot cylinder of about 3 inches in diameter, kept filled with water; sunk in damp ground to the depth of five feet, a good ground, or can you suggest anything better? Is there any virtue in these attachments, which profess to intercept and cut out noises like static made through the plugged-in wire to AC sets?

R. E. E., Santa Barbara, Calif.

**ANSWER**—The best arrangement is a vertical antenna, but this requires a tall pole, which is usually undesirable, because of the guying necessary. The next best is a single horizontal wire, and where space prevents a wire of sufficient length, the pick-up may be increased in confined space by the use of a cage type. In your location, the selectivity requirements of your set will probably permit you to use a wire 100 feet long and thus take advantage of a large pick-up. The ground which you describe is a very fine one, assuming that the cylinder is perforated so that the water gets out and seeps through the surrounding soil. Regarding the attachments intended to insert between the wall socket and the set, they comprise choke coils and condensers arranged so as to prevent any radio frequency currents carried by the light lines from entering the set, and bypasses them to ground through the condensers. They are very effective where this type of interference exists. You understand, of course, that such devices have no effect whatever upon what enters the set through the antenna connection. Natural static, electrical disturbances, which are actual radiations in the ether, etc., come into the set via the aerial, along with the broadcast signals, and are not effected by anything we may do to the AC supply lines. If, however, the AC lines are carrying radio frequency impulses, caused by electrical

devices supplied by the same lines or picked up by them, the filter devices will block them out of the set. Such a device also tends to make a set more selective, as it removes the "antenna effect" of the AC system from the set. The AC circuits pick up considerable broadcast energy, and if this is allowed to enter the circuits of the receiver via the "back door," instead of going through all the proper tuned channels of the receiver, selectivity is impaired. Whether or not this device would be helpful in your particular case can only be determined by trying it.

**QUESTION**—I recently read a statement that when screen grid tubes are used in a super at a rather high frequency, say 100 Kc., so as give one spot readings, that the set is no better than a tuned radio frequency set as the set tunes broad, due to making the intermediates give volume and not selectivity, as they should; that the proper way is to use a low frequency, say around 45 Kc. Is this all bunk, and if not, does it apply if the set is preceded by two stages of RF before the first detector?

D. T., Los Angeles.

**ANSWER**—With the standard "A" type of tubes, where the inter-electrode capacity of the tube is an important factor, an intermediate amplifier is far more efficient at the lower frequencies. But with the screen grid tubes, which have very low internal capacity, the amplification is about as great at 45 Kc. as at 100., and since the latter intermediate frequency gives one-spot tuning over a portion of the scale, it is more desirable. In fact, an intermediate frequency as high as 340 Kc., which still further increases the one-spot tuning range, is quite efficient with screen grid tubes. In a properly designed super, the selectivity may be maintained with the higher intermediate frequency. The Remler 115 Kc. super is an example of this. It is a very selective set, and extremely sensitive.

(Continued on Page 86)

**BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 7406 Melrose Avenue. ORegon 7402.**

# MAGNAVOX *Dynamic* SPEAKERS



"MAC," leader of the famous broadcasting "Haywire Orchestra"



ARISTOCRAT  
MODEL

### *Aristocrat Model*

Beautiful butt burl walnut cabinet finished in two tones.  
For A-Battery Operation...\$60  
For AC Operation.....\$70

Only a dynamic speaker can give you studio realism . . . . the rich, full, undistorted beauty of music . . . . with power volume.

### *Los Angeles Wholesale Distributors*

**C. C. LAWTON CO.**  
1125 Wall St.

**LEO J. MEYBERG CO.**  
1022 Wall St.

**SPLITDORF BETHLEHEM CO.**  
727 Venice Blvd.

**WESTERN RADIO, INC.**  
1224 Wall St.



Through the courtesy of the Sunset Mfg. Co. of Los Angeles, a Sunset Aerial will be given each week as first prize, and a Sunset Ground as second prize, for the two best DX letters. In addition, Radio Doings will send a special "Logging Graph" with Map and Distance Chart to the writer of each DX letter published.

### FIRST PRIZE

DX Club:

While in Los Angeles recently, I bought me a second-hand two-tube radio set for \$3.00, brought it home and got it in operation two weeks ago tonight. It is the first one we have ever had in our family, and we feel that for one of so humble an origin it is a mighty performer. The first station we got was our own valley, KGEN. That delighted us, and had we been able to get no more, we would have felt that we had had our money's worth. On the first night I turned the dial and heard "KOA, Denver." All the family came running but were quite skeptical until they, too, listened and believed. We stayed up, enchanted, until midnight, and got the following—all clearly:

Eight Los Angeles stations.

Five Denver—KOA, KPOF, KFXF, KXFL, KOW.

Two Chicago—WENR, WIBO.

Two Portland, Ore.—KEX, KGW.

Five Hollywood.

Two Oakland—KGO, KTAB.

Two San Antonio—WOAI, KPSA.

Four San Francisco—KYA, KFRC, KFWI, KPO.

One Salt Lake—KSL.

Vancouver—CNRV.

Fort Worth—WBAP.

Since we have got several other California cities, besides Laramie, KFBU, and farthest of all, W8XAL, in Ohio. Counting them all, near and far, we have heard 54 different stations. We are genuine fans now.

Last night, October 31, we feel we outdid ourselves. We got KDKA (Wm. Penn Hotel), Pittsburgh.

LEONARD WEBSTER,

Brawley, California.

### SECOND PRIZE

Greetings, DX Club:

Can't you find a place for a member of the "weaker sex" in your club? Have only had my set (an 8-tube Crosley Showbox), less than a month, so, of course, my log is pretty young as yet. However, I do not think it is so very bad. Do you?

Anyhow, here are the DX stations I have now: KDKA, KMOX, WBAP, WENR, WLW, W8XAL (testing), WGN, WHO, KOIL, WEBB, KFBU, KLX, KGW, KPO, KGO, KYA, KFWI, KOA, KSL, KOMO, CKY, KWKH, WBBM, KOB, KFXF, KOIN.

With best of luck to the Club.

Sincerely,

PATRICIA G. CAMPBELL,  
529 32nd Street,  
San Pedro, Calif.

DX Club:

This is my first attempt to break into the DX Club. I've had very good success so far this year, outside of all coast stations, including Canada and Mexico. I've logged KDKA, KMOX, WBBM, WBAP, WGN, KOA, KSL, KOB, CFCN, KFUB, KGHL, and last night or this morning, rather, at about 3 a. m., heard JOAK, Tokio, good and loud, and I had two more Jap stations—one of them talked so long, he was preaching or making an address on the Republican or Democrat ticket; I got tired waiting for him to announce; it was between KGO and KNRC, and the other was very faint. Last year I logged over 225—227 stations—to be exact. This is on a Radiola "20," with a Pemco Eliminator and a Boudin Cage.

H. L. BEAUPRE,  
312 E. Seventh St.,  
Tracy, Calif.

### Are You Playing WGN Every Night? If Not, Why Not?

A Stage of R. F. added to SILVER MARSHALL, REMLER or MAGNAFORMER will do it. Set on Demonstration!

JACK CHENEY

1759 W. 39th St., Los Angeles

UNiversity 6088

## What "Pacific-Design" Means

It is certainly gratifying that someone has at last designed a radio receiver here on the Pacific Coast to meet our own particular conditions, which are essentially different from those found elsewhere. Too often have we seen a receiver perform beautifully in Chicago, only to fall by the wayside here on the coast. This is particularly apparent where selectivity is concerned. One would suppose that a set which is sufficiently selective in Chicago would be amply selective in Los Angeles, but such is not the case.

There are two reasons for this. One is that the Chicago stations are not all concentrated within a radius of a few miles, but are scattered about in the suburbs, some being 20 miles out. And the second reason is that the absorption of a mass of steel, such as exists in the Loop district, in effect, reduces the power of the locals or moves them many miles away, whichever you please. In other words, if you operate a receiver on one side of the Loop and tune in stations located in suburbs on the opposite side, they come in like KGO does in Los Angeles, and cannot be compared with the effect of living within a few miles of half a dozen stations with no obstructions or shielding effects between their antennae and yours.

In spite of the fact that many of their stations have greater power,—the absorption of their energy reduces the effective power to where it is no more, and perhaps not as great as that of KFI and KGO, for example. KFI is received in Chicago with more volume than we get from their stations,—which proves our point.

Secondly, a non-selective set can pile up quite a DX log in Chicago, because the owner can play all of the Pacific coast stations after the locals have quit, but here we must go through all of our locals to get the Eastern stations, due to the time difference. Hence we see that a set which is to play a long log

of Eastern stations, while our locals are all on, must have a greater degree of selectivity than is needed in the East.

E. M. Sargent fully realized these facts, because we remember discussing them with him long before he designed his Sargent-Rayment Screen Grid Seven. And so, instead of building a set that would deliver good performance in Chicago, where the parts for the set are made, he worked it out in Oakland and Los Angeles, and perfected a receiver that possesses selectivity to satisfy the most exacting DX fan.

And while the set is designed, primarily, for the distance fan, with sensitivity so great that, noise permitting, it will play the Japs with almost local volume, the tone quality on all stations is all that could be desired. The Clough audio system, which is described elsewhere in this issue, is employed in the set, and the absence of regeneration does the rest. There is no sharp peaking just under an oscillation point with the resultant cutting off of side bands and distortion.

The total absence of any critical adjustments of ganging, balancing or compensating, is another vital factor. The operator easily and quickly gets the same efficiency and peak performance at every wave-length, as though he got inside the usual receiver with a bakelite screw-driver and balanced the set for every station he tuned in. As somebody remarked the other day, the set "has one dial and all that should go with it,—five trimmers!"

The Sargent-Rayment is not the set for the average home, we'll be frank about that,—because it does not use A. C. tubes, and has more than one knob on its front, but for the man who wants a piece of radio machinery without the bric-a-brac, with no sacrifice in efficiency for the sake of convenience—here 'tis!

**Official Laboratory**  
**Sargent - Rayment**  
**Screen Grid Seven**  
**UNIVERSAL RADIO SERVICE**  
 152 W. 12th St., Los Angeles, Calif.  
 Phone WEStmore 3989

# New Distance Records!

Reception of stations never before heard on Pacific Coast  
now being reported

**10**  
Kc.  
Selectivity



Single  
Dial  
Control  
Verniers  
for  
Long  
Distance  
Tuning

## SARGENT-RAYMENT Screen-Grid Seven

### "DX" Season Is Here!

Once more the distant carrier waves from Chicago, St. Louis, Havana, and New York—not to mention Wellington, Sydney, and Tokio—are coming through. The summer static has gone with the season, leaving the air clear once more for the DX fan to go fishing for his favorite station. This season the outlook is more favorable than ever before for real DX reception. Many heterodynes have been taken off the air, more power is being used by the broadcasters, and most important of all, great strides forward in radio receiver development during the past few months make available for the first time a set designed especially for long distance reception.

### Four Screen Grid Tubes

The new Sargent-Rayment Screen Grid Seven has been designed to meet the exacting demands of long distance reception. The full power of four screen grid tubes is used. There are no oscillations, no howls, no squeals. Complete bypassing and choking of all common wires, heavy, rugged shielding of each stage, allow each shield grid tube to be worked to a maximum. The build-up of a weak DX carrier is amazing. Signals that would be entirely missed on a last year's receiver are amplified to give good volume on this set. Selectivity is greater than on anything heretofore available. The set cuts closer than 10 KC on most stations, and only in rare instances is more than 10 KC required to completely tune out a powerful local. Long distance reception during the early evening when the locals are on is therefore easily possible.

Tone quality is unexcelled. We especially wish to call attention to the tone quality on DX stations. Due to the TOTAL ABSENCE of regeneration, the DX tone is better, clearer, sharper than ever heard before. Except for occasional background noise, a DX station is as clear cut as a local.

Distributors to the Trade West of the Rockies

**Radio Constructors Corporation**

357 Twelfth Street

Oakland, Calif.

See Pages following  
for  
your nearest  
Jobber, Dealer  
or  
Service Station

### Special Notice

The De Luxe Sargent-Rayment Seven is put out exclusively by Radio Constructors Corporation and distributed to dealers by the jobbers here listed. The parts for this receiver are manufactured by Silver-Marshall, Inc., but the special finish is applied at Oakland, Calif. The standard model and De Luxe Model are identical except for the finish.

### Prices

Standard Model, Grained Aluminum Finish  
Kit, \$130.00; Built-up, \$150.00  
De Luxe Model, Brown, Crinkle-Craft Finish  
Kit, \$140.00; Built-up, \$160.00

# 44 Eastern Stations

Mexico City, Havana, Alaska and Honolulu—Total number  
of Stations, 115 in 2 nights!—Here is the log—look it over

Received by Lloyd Breck, 110 Pacific Ave., Piedmont, Calif.

KFUO, St. Louis, Mo.	WJJD, Mooseheart, Ill.	KFWI, San Francisco, Cal.
WHO, Des Moines, Iowa	KFWB, Los Angeles, Cal.	KSBA, Shreveport, La.
KFKX, Chicago, Ill.	KYA, San Francisco, Cal.	KFSA, San Antonio, Tex.
KYW, Chicago, Ill.	CZE, Mexico City	WOL, Ames, Iowa
CJCA, Edmonton, Alta.	KJR, Seattle, Washn.	KGEF, Los Angeles, Cal.
WFLA, Clearwater, Fla.	KFQD, Anchorage, Alaska	KGA, Spokane, Washn.
KLX, Oakland, Cal.	WLS, Chicago, Ill.	WIL, St. Louis, Mo.
KTBS, Hot Springs, Ar.	WJAX, Jacksonville, Fla.	KTNT, Muscatine, Iowa
WBAP, Fort Worth, Tex.	KNX, Hollywood, Cal.	KMO, Tacoma, Washn.
KGW, Portland, Ore.	WSM, Nashville, Tenn.	KFSG, Los Angeles, Cal.
KFBU, Laramie, Wyo.	KFQB, Fort Worth, Tex.	KFKA, Greeley, Colo.
KFUM, Colo. Springs, Colo.	KOA, Denver, Colo.	KFWC, Pomona, Cal.
CFCT, Victoria, B. C.	KFAD, Phoenix, Ariz.	KJBS, San Francisco, Cal.
KFI, Los Angeles, Cal.	KFAB, Lincoln, Neb.	WDOD, Chattanooga, Tenn.
KFNF, Shenandoah, Iowa	KOIL, Council Bluffs, Ia.	KFON, Long Beach, Cal.
KRLD, Dallas, Tex.	KOIN, Portland, Ore.	KFJR, Portland, Ore.
KFRC, San Francisco, Cal.	KOMO, Seattle, Washn.	WBAW, Nashville, Tenn.
KFOA, Seattle, Washn.	WHT, Chicago, Ill.	KFDX, Shreveport, La.
WMAQ, Chicago, Ill.	KSL, Salt Lake City, Utah	KFWM, Oakland, Cal.
KFSD, San Diego, Cal.	CYA, Mexico City	KDYL, Salt Lake City, Utah
WJR, Detroit, Mich.	KMOX, St. Louis, Mo.	KFQZ, Hollywood, Cal.
CFAC, Calgary, Alta.	KQW, San Jose, Cal.	KFEQ, St. Joseph, Mo.
WLW, Cincinnati, Ohio	KUOA, Fayetteville, Ark.	KRE, Berkeley, Cal.
KPO, San Francisco, Cal.	WTMJ, Milwaukee, Wis.	KTBR, Portland, Ore.
WLBI, Chicago, Ill.	CNRV, Vancouver, B. C.	KFEL, Denver, Colo.
CKCD, Vancouver, B. C.	KPLA, Los Angeles, Cal.	KFUR, Ogden Utah
WCCO, Minneapolis, Minn.	WENR, Chicago, Ill.	WLAC, Nashville Tenn.
CYJ, Mexico City	KFAU, Boise, Idaho	KMIC, Inglewood Cal.
KHJ, Los Angeles, Cal.	KFXF, Denver, Colo.	KFQU Holy City Cal.
PWX, Havana, Cuba	WEAO, Columbus, Ohio	KXL, Portland, Ore.
WTAM, Cleveland, Ohio	KTAB, Oakland, Cal.	KFQW, Seattle, Washn.
KOB, State College, N. M.	WOAI, San Antonio, Tex.	KGDM, Stockton, Cal.
WBBM, Chicago, Ill.	KEX, Portland, Ore.	KFVD, Culver City, Cal.
KGO, Oakland, Cal.	KFBK, Sacramento, Cal.	KFEC, Portland, Ore.
KNRC, Santa Monica, Cal.	KTBI, Los Angeles, Cal.	KGFJ, Los Angeles, Cal.
KHQ, Spokane, Washn.	KFFF, Oklahoma City, Okla.	KFCR, Santa Barbara, Cal.
WDAF, Kansas City, Mo.	KGU, Honolulu, Hawaii	KGEO, Grand Island, Neb.
KMJ, Fresno, Cal.	KMED, Medford, Ore.	KORE, Eugene, Ore.
		KUJ, Long View, Washn.

# Western Mail Order Jobbers

## Dealers-Set Builders-Buy here on the Coast at Eastern Prices

### Sargent-Rayment Screen Grid Seven

Complete Kits and Built-up Sets—Mail Order Business Given Special Attention.

*Prompt and Courteous Service  
All the Time*

**C. C. Lawton Co.**  
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This is the set for the DX fan who insists on the last word.

*And don't forget that "Horn Service" means something—it has made countless friends for*

**Herbert H. Horn**  
1629 S. Hill St. Los Angeles

### Set Builders:

Do you know what the words "drive," "wallop" and "kick" mean when applied to a radio set? Well, the Sargent-Rayment Seven has "it," "them" and "those"—combined with the selectivity of a Super without its harmonics and repeats!

*Shipped Anywhere at Eastern Prices  
Come in—wire—or write*

**RADIO**

**MANUFACTURERS SUPPLY CO.**

OPEN EVENINGS UNTIL 9 P.M. SATURDAY UNTIL 10 P.M.

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### Set Builders and Dealers—

Send now for your Sargent-Rayment Seven kit, or completely wired receiver. Telegraph orders promptly filled. Mail order service to all parts of the world. All tubes and accessories can be purchased from us at lowest prices.

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### Set Builders,—Dealers,—

Immediate Delivery on Sargent-Rayment Seven

Send for our new Parts Catalog—just off the press. Complete, speedy, reliable mail order service now available right here on the West Coast, at Eastern Prices.

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Two Stores

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### Special Custom-Built B and C Powerizer for Sargent-Rayment Seven

Or Any Other Set

Furnishes B and C power and contains power amplifier with 350 tube.

Special prices to Set Builders and Dealers. Mail Orders Business Solicited.

Buy Your Sargent-Rayment Seven Here—Equip It with

KNAPP "A" POWER  
"B" AND "C" POWERIZER  
JENSEN SPEAKER

*We Can Supply Them All*

**Pacific Radio Sales Co.**  
357 Twelfth St. Oakland, Calif.

### Pacific Northwest Headquarters

for

**Sargent-Rayment Seven**  
Set Builder Orders Solicited

Fastest Mail Order Service West of the Rockies

*We carry the most complete and varied Radio Parts Stock West of Chicago and sell at Eastern Mail Order Prices.*

*Try Us for Anything You Need  
Write for Catalog*

**Wedel Company**  
520 Second Ave. Seattle, Wash.

# APEX RADIO

*Better Performance at a Lower Price*

Of course you want tone quality, together with simplicity of operation and the ability to bring in distant stations clearly without interference. Then you should choose APEX. Any dealer listed below will be glad to demonstrate without obligation.



Model 236

Equipped with the best  
Magnetic Speaker  
obtainable



Model 336

Apex Console Equipped  
with Famous Jensen  
Dynamic Speaker.

- |  |   |   |  |
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| <b>Apollo Radio Shop</b><br>1707 N. Western Ave.       | <b>F. &amp; H. Radio Shop</b><br>5011 York Blvd.  | <b>Forer Tire Company</b><br>4723 Whittier Blvd.        | <b>Quimby's Radio Service</b><br>1860 N. Vermont St. |
| <b>Angelus Radio Shop</b><br>4208 Santa Monica         | <b>Fogil Radio Shop</b><br>310 W. 61st St.        | <b>Kleinberger Co.</b><br>405 N. Main St.               | <b>Pico Radio Shop</b><br>4505 W. Pico St.           |
| <b>Walter F. Browne</b><br>4508 Hollywood Blvd.        | <b>Forer Tire Company</b><br>5500 S. Vermont Ave. | <b>Motley Elec. Service</b><br>7761 Santa Monica Blvd.  | <b>Radio Headquarters</b><br>7214 S. Broadway        |
| <b>Downtown Radio Co.</b><br>134 W. 7th St.            | <b>W. L. Gaylord</b><br>6618 S. Vermont Ave.      | <b>Noren-Wuster Furniture Co.</b><br>3300 W. Washington | <b>Shane Hardware Co.</b><br>2906 Division St.       |
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| <b>Electric Service Co.</b><br>4308 1/2 S. Vermont Av. | <b>Jenkins Radio Shop</b><br>8452 S. Broadway     | <b>Pete's Radio &amp; Electric Shop</b><br>8704 Elm St. | <b>A. W. Townsend</b><br>3653 Edenhurst St.          |
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## Southern California

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| <b>BELLFLOWER</b><br>Moore's Radio Shop<br>427 Somerset St.          | <b>ESCONDIDO</b><br>Young's Music Co.<br>128 E. Grand Ave.                | <b>INGLEWOOD</b><br>Inglewood Hdwe. Co.<br>129 N. Commercial St. | <b>OCEANSIDE</b><br>E. F. MacBeth Radio Store<br>Cor. Hill and Topeka Sts.    | <b>SAN PEDRO</b><br>San Pedro Radio Co.<br>378 W. Sixth St.     | <b>SOLANA BEACH</b><br>Solana Beach Elec. Co.                       |
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Apex All-Electric Receivers Priced from \$87.50 to \$199.50 (Less Tubes)

Wholesale Distributors

# YALE RADIO ELECTRIC COMPANY

1111 Wall Street

Westmore 3351

Los Angeles, Calif.



## LOG OF WESTERN STATIONS

CALL	Frequency in Kilocycles	Wave Lgths.	Power in Watts	STATION	LOG	CALL	Frequency in Kilocycles	Wave Lgths.	Power in Watts	STATION	LOG
<b>SOUTHERN CALIFORNIA</b>						KOIN	940 319	1000		Portland	
KMTR	580 517	500		Hollywood		KOMO	970 309	1000		Seattle	
KFI	640 469	5000		Los Angeles		KQW	1010 297	500		San Jose	
KFSD	680 441	500		San Diego		KVI	1060 283	50		Tacoma	
KHJ	750 400	1000		Los Angeles		KTAB	1070 280	500		Oakland	
KNRC	800 375	500		Santa Monica		KEX	1080 278	2500		Portland	
KFWB	830 361	1000		Hollywood		KFBK	1090 275	100		Sacramento	
KNX	890 337	5000		Hollywood		KVL	1100 273	100		Seattle	
KPPC	950 316	50		Pasadena		KOAC	1110 270	500		Corvallis	
KPSN	950 316	1000		Pasadena		KFWI	1120 268	500		San Francisco	
KPLA	1040 288	500		Los Angeles		KGA	1150 261	2000		Spokane	
KTBI	1090 275	750		Los Angeles		KMO	1180 254	250		Tacoma	
KWTC	1100 273	100		Santa Ana		KJBS	1220 246	100		San Francisco	
KGEF	1140 263	1000		Los Angeles		KRE	1220 246	100		Berkeley	
KFSG	1190 252	500		Los Angeles		KFIO	1220 246	100		Spokane	
KEJK	1190 252	500		Beverly Hills		KFJR	1230 244	500		Portland	
KFWC	1210 248	100		Pomona		KFWM	1270 236	500		Oakland	
KGB	1210 248	100		San Diego		KPCB	1300 231	50		Seattle	
KFON	1240 242	500		Long Beach		KZM	1300 231	100		Hayward	
KFQZ	1290 232	250		Los Angeles		KGCL	1300 231	100		Seattle	
KELW	1310 229	250		Burbank		KPQ	1300 231	50		Seattle	
KGEN	1330 225	100		El Centro		KFIF	1310 229	50		Portland	
KMIC	1340 224	250		Inglewood		KFBL	1340 224	50		Everett	
KGER	1390 216	100		Long Beach		KGTT	1360 220	50		San Francisco	
KFVD	1390 216	250		Culver City		KFQW	1380 217	100		Seattle	
KGFJ	1410 213	100		Los Angeles		KFEC	1400 214	50		Portland	
KFCR	1420 211	100		Santa Barbara		KFQU	1400 208	100		Holy City	
						KVOS	1430 210	50		Bellingham	
<b>NORTHERN CALIFORNIA AND NORTHWEST</b>						<b>WESTERN STATES</b>					
KXA	560 535	500		Seattle		KLZ	850 353	1000		Denver	
KLX	590 508	500		Oakland		KOA	920 326	5000		Denver	
KGW	610 491	1000		Portland		KFAD	930 322	500		Phoenix	
KFBU	620 484	500		Laramie		KSL	990 303	1000		Salt Lake City	
KFRC	660 454	1000		San Francisco		KFXF	1060 283	250		Denver	
KFOA	670 447	1000		Seattle		KGEK	1140 263	10		Yuma	
KPO	710 422	1000		San Francisco		KFCB	1230 244	125		Phoenix	
KWSC	760 394	500		Pullman		KDYL	1280 234	100		Salt Lake	
KGO	780 384	5000		Oakland		KGAR	1280 234	100		Tucson	
KHQ	810 370	1000		Spokane		KFEL	1320 227	250		Denver	
KMJ	820 266	50		Fresno		KFUP	1320 227	100		Denver	
KYA	850 353	1000		San Francisco		KOW	1370 219	250		Denver	
KJR	860 394	2500		Seattle		KPJM	1400 214	15		Prescott	
KWG	870 345	50		Stockton		KGFH	1430 209	250		Pueblo	

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## POLYMET PRODUCTS

# Schedule of DX Stations

This schedule of the powerful eastern and mid-western stations gives the signing-off hour in Pacific standard time. Inasmuch as these stations cannot be heard on the Pacific Coast until dark and they are all on the air at that time (except on silent nights), the DX fan is concerned only with the signing-off time.

Call Letters	Location	Freq. Kc.	W. L. Meters	Power Watts	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
WFAA	Dallas, Texas	550	545.1	500	10.01	8.00	10.00	8.00	8.00	8.00	10.00
KSD	St. Louis, Mo.	550	545.1	500	7.15	9.00	9.00	9.00	9.00	9.00	9.00
WHO	Des Moines, Iowa	560	535.4	5000	8.15	8.30	8.30	8.30	8.30	8.00	8.00
KYW	Chicago	570	526.0	2500	9.00	9.00	11.00	11.00	11.00	11.00	11.00
WFLA-WSUN	Clearwater and St. Petersburg, Fla.	580	516.9	750	S	9.00	9.00	9.00	9.00	9.00	9.00
WOW	Omaha, Neb.	590	508.2	1000	8.15	9.00	8.30	8.30	8.30	8.30	8.30
WBAP	Ft. Worth, Texas	600	499.7	5000	11.00	10.00	S	S	10.00	S	1.00
KTHS	Hot Springs, Ark.	600	499.7	5000	8.00	9.00	7.00	9.00	9.30	7.00	9.30
WEAF	New York, N. Y.	610	491.5	50000	8.45	8.30	8.30	8.00	8.00	8.00	8.00
WCFL	Chicago, Ill.	620	483.6	1500	10.30	10.30	10.30	10.30	10.30	10.30	10.30
WSB	Atlanta, Ga.	630	475.9	1000	6.15	8.45	8.45	8.45	8.45	8.45	8.45
KFNF	Shenandoah, Iowa	650	461.3	2000	S	6.00	6.00	6.00	6.00	6.00	6.00
KRLD	Dallas, Texas	650	461.3	500	9.30	10.30	10.30	10.30	10.30	10.30	10.30
WJZ	New York, N. Y.	660	454.3	40000	7.45	9.00	9.00	9.00	9.00	9.00	9.00
WJR	Detroit, Mich.	680	440.9	5000	9.00	9.00	9.00	9.30	9.00	9.00	9.30
WLW	Cincinnati, Ohio	700	428.3	50000	8.30	11.00	9.30	10.00	9.00	9.30	9.30
WOR	Newark, N. J.	710	422.3	5000	8.00	9.00	9.00	9.00	9.00	9.00	9.00
WGN-WLIB	Chicago, Ill.	720	416.4	500	7.30	10.00	10.00	10.00	10.00	10.00	10.00
WCCO	Minneapolis, Minn.	740	405.2	5000	8.30	8.00	8.30	10.00	9.00	10.00	10.00
WTAM	Cleveland, Ohio	750	399.8	3500	9.00	9.00	9.15	9.15	7.00	8.15	8.00
CYJ	Mexico City	750	400	1000	S	8.00	8.00	8.00	8.00	8.00	8.00
KWKH	Shreveport, La.	760	394.5	1000	10.00	10.00	10.00	10.00	10.00	10.00	10.00
WBMM	Chicago, Ill.	770	389.4	5000	7.30	8.45	9.00	9.00	9.00	9.00	10.00
WJBT	Chicago Ill.	770	389.4	500	5.30	11.00	11.00	11.00	11.00	11.00	11.00
WGY	Schenectady, N. Y.	790	379	50000	7.30	9.00	9.00	8.00	9.30	8.00	9.00
WOC	Davenport	800	374.8	5000	8.15	9.00	9.00	9.00	9.00	9.00	8.00
WDAF	Kansas City, Mo.	810	370.2	1000	8.30	11.00	11.00	11.00	11.00	11.00	11.00
WEBH	Chicago, Ill.	820	366.6	500	6.00	S	11.00	11.00	11.00	11.00	11.00
KLZ	Denver, Colo.	850	352.7	1000	10.00	10.00	10.00	10.15	S	9.00	10.15
WWJ	Detroit, Mich.	850	352.7	1000	5.45	8.00	8.30	8.00	8.00	10.00	8.00
WLS	Chicago, Ill.	870	344.6	5000	S	7.00	S	8.30	5.00	9.00	10.00
WHB	Kansas City, Mo.	880	340.7	500	10.15	8.00	8.00	6.00	8.00	6.00	8.00
KFQB	Ft. Worth, Texas	900	333.1	1000	10.00	8.00	9.00	7.00	9.00	9.00	9.00
WRNY	New York, N. Y.	920	325.9	500	2.30	2.45	7.00	4.30	8.15	6.30	5.15
KFAD	Phoenix, Ariz.	930	322.4	500	1.00	8.00	8.00	8.00	7.00	7.00	8.00
KOIL	Council Bluffs, Ia.	940	319.	5000	10.00	10.00	10.00	11.00	10.15	10.15	10.15
KFAB	Lincoln, Neb.	940	319.	5000	9.30	9.00	9.00	9.00	9.00	9.00	9.00
KDKA	Pittsburgh, Pa.	950	315.6	50000	7.15	7.45	8.15	8.30	8.15	8.30	8.15
WHT	Chicago, Ill.	980	305.9	5000	8.00	5.00	8.00	8.00	10.00	8.00	10.00
WGR	Buffalo, N. Y.	990	302.8	750	7.30	10.00	8.30	9.00	10.00	8.30	8.30
KSL	Salt Lake, Utah	990	302.8	1000	9.00	11.00	11.00	11.00	11.00	11.00	11.00
CNRV	Vancouver, Canada	1030	291.	500	11.00	11.00	11.00	11.00	11.00	11.00	S
WENR	Chicago, Ill.	1040	288.3	500	8.00	9.00	9.00	9.00	9.00	9.00	12.00
KFAU	Boise, Idaho	1050	285.5	2000	S	S	10.00	S	10.00	S	10.00
WBAL	Baltimore, Md.	1050	285.5	5000	5.15	7.30	8.00	8.00	8.00	8.00	8.00
KFXF	Denver, Colo.	1060	282.8	500	S	7.00	7.00	7.00	7.00	7.00	7.00
WPG	Atlantic City, N. J.	1100	272.6	5000	7.00	8.00	8.30	8.30	8.00	8.00	8.00
WJAZ	Chicago	1140	263.0	5000	7.00	9.30	9.30	9.30	9.30	9.30	9.30
KFRU	Lawrence, Kansas	1180	254.1	500	S	7.30	S	S	7.30	S	S
KDYL	Salt Lake, Utah.	1280	234.3	500	10.00	10.00	10.30	10.00	10.30	9.30	11.00

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### DAILY EXCEPT SUNDAY

8:00 a. m.—Shell Happy Time from KPO  
12:00 noon—U. C. and U. S. Dept. of Agriculture Talks.  
12:15 p. m.—Federal and State Market Reports.  
1:00 p. m.—Talk on Traffic Violations (except Monday).  
5:00 p. m.—Big Brother Ken (except Saturday).  
10:00 p. m.—N. B. C. Dance Music (except Monday and Saturday).

3:45 p. m.—Lt. de Clauson-Kaas.  
4:00 p. m.—Inez Ingram, uke and song; Neva Negus, artistic bird warbler.  
4:30 p. m.—Shirley Mirkin, piano recital.  
5:00 p. m.—Big Brother Ken.  
5:30 p. m.—Nollie Callender Mills, violinist.  
5:50 p. m.—Dr. Percy Wise Clarkson.  
6:00 p. m.—Old Man Opportunity.  
7:00 p. m.—Henry Starr, the Hot Spot of Radio.  
7:30 p. m.—NBC, Democratic political program.  
8:00 p. m.—NBC, Yellow Cab Co. program.  
8:30 p. m.—NBC, Laugh with Isuan.  
9:00 p. m.—NBC, Associated Oil Co.  
9:30 p. m.—Sam Coslow, victor artist.

### THURSDAY, NOVEMBER 1

9:00 a. m.—Sylvia's Happy Hour.  
11:00 a. m.—NBC, Standard Oil Co. program.  
11:30 a. m.—Georgia O. Georgia Lab.  
12:25 p. m.—Kenny and Ray.  
1:02 p. m.—Chas. Henri; Smiling Eddie Marble.  
1:30 p. m.—Elizabeth Cooper.  
2:00 p. m.—Aaron Gonzales, pianist; Helen White.  
2:45 p. m.—Felix Orman, "American Motion Pictures in Europe."  
3:00 p. m.—Alma and Adele Howell.  
3:30 p. m.—Betty Thompson, contralto and pianist.  
4:00 p. m.—Eddie Ulrich, violin recital.  
4:45 p. m.—Dr. H. Edward Myers.  
5:30 p. m.—Gimth Jones, attorney.  
5:50 p. m.—Federal Business Assn.  
6:00 p. m.—Republican political program.  
6:30 p. m.—Sam Coslow, victor artist.  
7:00 p. m.—KFI Symphonette.  
7:30 p. m.—NBC, Standard Oil Co. program.  
8:30 p. m.—Packard Concert Orch., Pryor Moore, dir.  
9:30 p. m.—NBC, Maxwell House program.

### FRIDAY, NOVEMBER 2

10:00 a. m.—Betty Crocker, Gold Medal talks.  
11:00 a. m.—NBC, Woman's Magazine of the Air.  
12:15 p. m.—Federal and State Market Reports.  
12:25 p. m.—Franklin I. Graves talk.  
12:45 p. m.—Alma Pratt Kohl, pianist.  
2:00 p. m.—Rae Silverman and Esther Kahn.  
2:30 p. m.—Wm. Don, English comedian.  
3:00 p. m.—L. A. Fire Dept. Orch.; Dolly McDonald.  
4:00 p. m.—Aeolian Organ Recital, Alex Relly.  
5:30 p. m.—Leon Rene's Kit Kat Club Orchestra.  
6:00 p. m.—NBC, Wriley program.  
7:00 p. m.—Pasadena Trio.  
7:30 p. m.—NBC, Democratic political program.  
8:00 p. m.—NBC, General Petroleum program.  
8:30 p. m.—NBC, Max Dolin and Chas. Gabriel, Jr.  
9:00 p. m.—KFI Symphonette.

### SATURDAY, NOVEMBER 3

9:30 a. m.—Sylvia's Happy Hour.  
12:25 p. m.—Louis F. Klein, harmonica player.  
12:30 p. m.—Paris Inn Cafe Orchestra.  
1:30 p. m.—Dicky Thomas and Berta Hill.  
2:00 p. m.—Byrd and Barbara.  
2:15 p. m.—Southern California vs. Stanford football game, NBC, sponsored by Associated Oil Co.  
3:00 p. m.—Gene Johnston's Music Box.  
3:30 p. m.—The Rocha Trio with Opal Snow ballads.  
6:00 p. m.—Eddie Goldmacher, symphonic piano.  
7:00 p. m.—NBC, American Tobacco Co.  
8:00 p. m.—NBC, Philco hour.  
9:00 p. m.—Packard Concert Orch., Pryor Moore, dir.  
10:00 p. m.—KFI Symphonette.  
11:00 a. m.—KFI Midnight Frolic.

### SUNDAY, OCTOBER 28

10:00 a. m.—Morning Services by L. A. Church Fed.  
1:00 p. m.—Margaret Ruth Keran, Marcus Markson.  
1:30 p. m.—NBC, Peerless Reproducers program.  
2:00 p. m.—Bethel Temple Young People.  
3:00 p. m.—NBC, Musical program.  
4:30 p. m.—NBC, Biblical stories.  
5:00 p. m.—Alma and Adele Howell.  
5:30 p. m.—Walter Brown Murray, "Happiness."  
5:45 p. m.—Father Ricard's Sunspot Weather Forecast.  
5:50 p. m.—Leo Linder, violinist; Jessie Whitaker Carr.  
6:15 p. m.—Genevieve Hehrend, Mental Science.  
6:30 p. m.—KFI Symphonette.  
7:30 p. m.—NBC, Whittall Anglo-Perlsons.  
8:00 p. m.—Packard Orchestra; Zhai Clark, harpist.  
9:00 p. m.—NBC, Atwater Kent Co.  
9:30 p. m.—Norma Byington, soprano; Eleanor Ross.  
10:00 p. m.—Packard Six Orchestra; Wally Perrin.

### MONDAY, OCTOBER 29

12:25 p. m.—Shirley Reid, piano and song.  
1:02 p. m.—Jane Harding, soprano; Noreen Gaudille.  
1:30 p. m.—Angelus of the Air.  
2:00 p. m.—Wiffred Butterworth, tenor.  
2:30 p. m.—Bob Green and Bennie Hart.  
3:00 p. m.—L. A. Fire Dept. Orch. with soloist.  
4:00 p. m.—Aeolian organ recital, Alex Relly.  
5:00 p. m.—NBC, Republican political program.  
5:30 p. m.—Senator George W. Cartwright.  
5:45 p. m.—Edward H. Rust, nurseryman.  
6:00 p. m.—Campanella Male Quartet.  
6:30 p. m.—Old Man Opportunity.  
7:00 p. m.—NBC, RCA Hour.  
8:00 p. m.—NBC, Shell program.  
9:00 p. m.—KFI Symphonette; Purcell Mavor, violin.  
10:00 p. m.—Night Cap Melodies; Packard Concert Or.

### TUESDAY, OCTOBER 30

9:30 a. m.—Sylvia's Happy Hour.  
10:30 a. m.—NBC, Woman's Magazine of the Air.  
11:30 a. m.—Georgia O. George.  
12:25 p. m.—Doc Morris.  
2:00 p. m.—Jack McGuire and Alice Stoddard.  
3:00 p. m.—Marie Lohkar, contralto.  
3:30 p. m.—Sunny Brooks.  
4:00 p. m.—Fred Skinner, Peggy Warner, uke & song.  
4:30 p. m.—Honolulu Three.  
5:30 p. m.—Prof. Carl S. Knopf.  
5:45 p. m.—Department of Commerce talk.  
6:00 p. m.—Old Man Opportunity.  
7:00 p. m.—Nick Harris, detective stories.  
7:25 p. m.—Police Commissioner W. G. Thorpe.  
7:45 p. m.—Bridge Lesson by Mrs. June Snow.  
8:00 p. m.—NBC, National Carbon Co.  
8:30 p. m.—NBC, American Malze Co.  
9:00 p. m.—Packard Concert Orch., Robert Hurd, tenor.

### WEDNESDAY, OCTOBER 31

10:00 a. m.—Betty Crocker, Gold Medal talks.  
10:30 a. m.—NBC, Woman's Magazine of the Air.  
11:30 a. m.—The two Duces.  
12:25 p. m.—L. A. Police Dept. talk.  
12:45 p. m.—A. A. Meryy talk on current books.  
2:00 p. m.—Chet Cathers, baritone; Lucile Ray.  
2:30 p. m.—Rambling Leatherhead; Andy Lawless.  
3:00 p. m.—Margaret Metheringham.  
3:30 p. m.—Cliff Gunning, tenor.

\*See Page 56 for detailed program of National Broadcasting Company.

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# GILFILLAN

SALES & SERVICE — Hempstead 5590

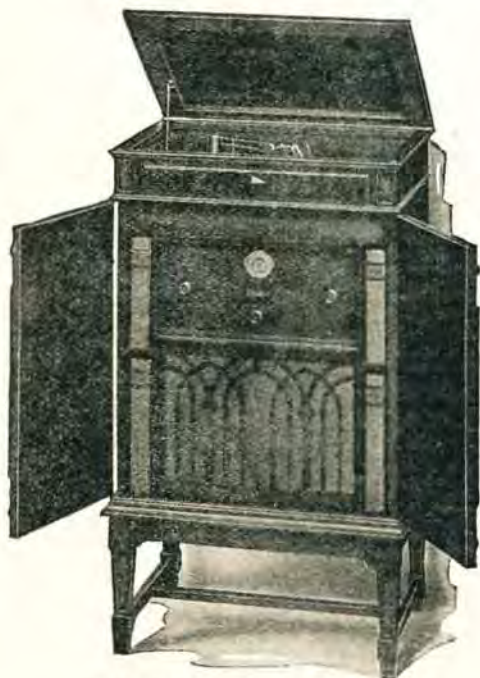
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**CHARLES GABRIEL**  
Announcer

# National Broadcasting Co., Inc.

## PACIFIC COAST NETWORK

**KFI KPO KGO**  
**KGW KOMO**  
**KHQ**

**Charles H. Gabriel, Jr.**  
Program Director

**Jennings Pierce**  
Chief Announcer

### DAILY

8:00 p. m.—Time broadcast (except Saturday).  
10:00 p. m.—The Trocadero's Dance Orchestra, except Monday.

### SUNDAY, OCTOBER 28

1:30 p. m.—Peerless Reproducers program begins with a trumpet solo, "Mighty Lak' a Rosa."  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.  
3:00 p. m.—Sunday Afternoon Concert presents Easton Kent, tenor; Richard Kolb, bassoonist, and the National String Quintet and the National Mixed Chorus in a program of musical selections.  
Broadcast over KOMO, KGW, KGO and KFI.  
4:30 p. m.—Unfolding the story of "Naman's Cloak," a biblical drama written by William Ford Manley, will be broadcast at this time.  
Broadcast over KHQ, KOMO, KGW, KGO, KFI.  
7:30 p. m.—Exotic themes of the East are heard in the Whittall Anglo-Persian broadcast. "Moonlight at Luxor" and "The Red Sailed Dahabieh" open the program.  
Broadcast over KHQ, KOMO, KGW, KGO, KFI.

9:00 p. m.—"Pomp and Circumstance," by Sir Edward Elgar, will open the Atwater Kent program.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

### MONDAY, OCTOBER 29

6:45 p. m.—"A Week of the World's Business," by Dr. Julius Klein.  
7:00 p. m.—Music from Delibes' "Coppelia" will be a feature of the RCA Hour. Henry M. Hyde will speak on "Mercury and Venus" and the RCA Orchestra will offer several numbers.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.  
8:00 p. m.—Music representing many nations will be broadcast by Rudy Seiger's Shell Symphonists.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.  
9:00 p. m.—Gail Taylor and Myron Niesley will sing songs the whole world knows and loves, during the Song Painting program.  
Broadcast over KHQ, KGO.

### TUESDAY, OCTOBER 30

10:30 a. m.—Woman's Magazine of the Air program.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.  
8:00 p. m.—Gilbert and Sullivan's opera "Ruddigore" is the choice of the Eveready program. Eva Atkinson, contralto; Gwynn Jones, tenor; James Isherwood, baritone, and Ethel Wakefield, soprano, compose the Eveready Quartet.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.  
8:30 p. m.—Varying from the classic melodies of Grieg to the syncopated popular tunes of McHugh and Donaldson, Amalzo's Gitanos will present their regular weekly program.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

### WEDNESDAY, OCTOBER 31

10:30 a. m.—Woman's Magazine of the Air program.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.  
8:00 p. m.—Yellow Cab Gayeties brings another half hour of dialogue and delightful music.  
Broadcast over KPO and KFI.

8:30 p. m.—"Blue and Gold" rally songs will rouse the enthusiasm of listeners as the "Cheer with Isuan" program goes on the air with the Univ. of California at Berkeley as the locale for the program.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

9:00 p. m.—Motoring toward a scene of special charm. "Jack and Ethyl, the Motor Mates," will sound their horn before the microphone and dramatize their travels.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

9:30 p. m.—Midweek Concert will offer music by Johann Strauss, Reginald De Koven, Drigo, Waldteufel and Jones.  
Broadcast over KGO and KPO.

### THURSDAY, NOVEMBER 1

11:30 a. m. and 7:30 p. m.—Standard School Broadcast and Standard Symphony Hour, will trace the development of Scandinavian music. Grieg, the outstanding Scandinavian of all times, will be discussed.  
Broadcast over KHQ, KOMO, KGW, KGO and KFI.  
KPO from 11:30 to 12:00 noon.

8:30 p. m.—"Lascia ch'io plango," from Handel's "Rinaldo," will open the Grand Opera Album program. Margaret O'Dea, contralto, will sing the aria.  
Broadcast over KHQ, KGW and KGO.

9:30 p. m.—Designed for the entertainment of music lovers, the Maxwell House Coffee Concert will bring some very interesting numbers.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

### FRIDAY, NOVEMBER 2

10:30 a. m.—"Woman's Magazine of the Air."  
Broadcast over KOMO, KHQ, KGW, KGO, KPO and KFI.

5:35 p. m.—Listeners-in on the Land of Health program will take a journey to Mineral Mines and Vegetable Valley.  
Broadcast over KHQ, KOMO, KGW and KGO.

6:00 p. m.—Wrigley's Transcontinental program will open with "Can't Help Lovin' Dat Man," an appealing melody from the "Show Boat."  
Broadcast over KHQ, KOMO, KGW, KGO, KFI.

8:00 p. m.—A musical program featuring the four General Independents and four pianists will be heard at this time.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

8:30 p. m.—Half Hour with Max Dolin and Chas. H. Gabriel, Jr., will open with Mendelssohn's "On Wings of Song."  
Broadcast over KHQ and KFI.

9:30 p. m.—Offering 30 minutes of exquisite musical entertainment, the Moon Magic program goes on the air as usual at this time.  
Broadcast over KHQ, KOMO, KGW, KGO.

### SATURDAY, NOVEMBER 3

7:00 p. m.—"Cielito Lindo," "Poor Butterfly" and "Marchera" are three much loved numbers which the Lucky Strike Orchestra will feature during the hour of dance music. This program comes from the New York Studios of the National Broadcasting Co. and is a regular Saturday night feature.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

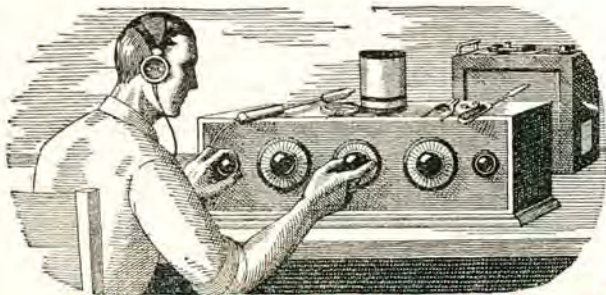
8:00 p. m.—With another complete new bill of stellar acts, the Philco Theater will open its doors to its fifth radio audience.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

9:00 p. m.—"Robinson Crusoe" has been chosen for dramatization during the Golden Legends hour.  
Broadcast over KHQ, KOMO, KGW, KGO, KPO.

10:00 p. m.—Novelty offerings by both instrumental and vocal stars will alternate with dance numbers on the Big Show program. The Inimitable Herman Schnitzel will act as master of ceremonies.  
Broadcast over KHQ, KGW, KGO and KOMO (10 to 11), and KPO (10:30 to 12).

**Golden Bear** AIR COLUMN  
**SPEAKER**

12 Sizes — WE. 2712  
1929 Los Angeles St., L. A.



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

## I Thought Radio Was a Plaything

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

\$50 a week! Man alive, just one year ago a salary that big would have been the height of my ambition.

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

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

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

When broadcasting first became the rage, I first began my dabbling with Radio. I was "nuts" like many thousands of other fellows. And no wonder! There's a fascination—something that grabs hold of a few—about twirling a knob and suddenly listening to a voice speaking a thousand miles away. In those days, many times I stayed up almost the whole night trying for DX.

I never seemed to get very far with it, though. So, up to a year ago, I was just a dabbler—I thought Radio was a plaything. I never realized what an enormous, fast growing industry Radio had come to be—employing thousands and thousands of trained men. I usually stayed home in the evenings after work, because I didn't make enough money to go out very much.

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

"You're kidding me," I said.  
"I'm not," he replied. "Take a look at this ad."

He pointed to a page ad in a magazine I'd seen many times but just passed up. This time I read the ad carefully. It told of many big opportunities for trained men to succeed in the great new Radio field. With the advertisement was a coupon. I sent the coupon in, and in a few days received a handsome 64-page book, telling about the opportunities in the Radio field and how a man can prepare quickly and easily at home to take advantage of these opportunities. Well, it was a revelation to me. I read the book carefully, and when I finished it I made my decision.

What's happened in the twelve months since

that day seems almost like a dream to me now. For ten of those twelve months, I've had a Radio business of my own! At first, of course, I started it as a little proposition on the side, under the guidance of the National Radio Institute, the outfit that gave me my Radio training. It wasn't long before I was getting so much to do that I quit my measly little clerical job, and devoted my full time to my Radio business.

Since that time I've gone right on up, always under the watchful guidance of my friends at the National Radio Institute. They would have given me just as much help, too, if I had wanted to follow some other line of Radio—such as broadcasting, manufacturing, experimenting, sea operating, or any one of the score of lines they prepare you for. And to think that until that day I sent for their eye-opening book, I'd been wailing "I never had a chance!"

Now I'm making, as I told you before, over \$100 a week. And I know that future holds even more, for Radio is one of the most progressive, fastest-growing businesses of the world today. And it's work that I like—work a man can get interested in.

Here's a real tip. You may not be as bad off as I was. But think it over—are you satisfied? Are you making enough money, at work that you like? Would you sign a contract to stay where you are now for the next ten years—making the same money? If not, you'd better be doing something about it instead of drifting.

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

Take another tip. No matter what your plans are, no matter how much, or how little you know about Radio—clip the coupon below and look their free book over. It is filled with interesting facts, figures, and photos, and the information it will give you is worth a few minutes of anybody's time. You will place yourself under no obligation—the book is free, and is gladly sent to anyone who wants to know about Radio. Just address J. E. Smith, President, National Radio Institute, Dept. 22G4, Washington, D. C.

J. E. Smith, President,  
National Radio Institute,  
Dept. 22G4, Washington, D. C.  
Dear Mr. Smith: Please send me your 64-page free book, giving all information about the opportunities in Radio and how I can learn quickly and easily at home to take advantage of them. I understand this request places me under no obligation and that no salesman will call on me.

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



The essential features of these programs are identical with those sent by the stations.



E. K. BARNES

# KHJ Los Angeles, Calif.—750 Kc.

1000 WATTS—398.8 METERS

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Night Time Director

E. K. Barnes  
Daytime Director

Arthur Kay  
Musical Director

C. M. C. Raymond  
Commercial Director

Ernest G. Underwood  
Technical Director

5:00 p. m.—Pacific States Savings & Loan Co. program.  
6:15 p. m.—Organ recital and vocalists.  
8:00 p. m.—Sun Dodgers, with Charlie Wellman.  
9:00 p. m.—Don Lee Symphony Orchestra.

## TUESDAY, OCTOBER 30

10:00 a. m.—University of Southern California.  
11:15 a. m.—Dr. Eugene Brown, talk on "Health."  
11:15 a. m.—Celeste Ryus, concert pianist.  
12:45 p. m.—L. A. Adv. Club luncheon, from Biltmore  
1:30 p. m.—Liquocold program, with Charlie Wellman.  
2:00 p. m.—U. S. C. Trojan Hour.  
2:30 p. m.—Street and Highway Safety.  
4:00 p. m.—Dr. Frank McCoy, health talk.  
4:30 p. m.—Rabbi Edgar Magnin's Hour.  
7:30 p. m.—Overell Furniture Co. playlet.  
8:30 p. m.—Cadillac LaSalle Concert Orchestra.  
9:00 p. m.—Don Lee Symphony.

## WEDNESDAY, OCTOBER 31

10:00 a. m.—University of Southern California.  
2:00 p. m.—Dr. Eugene Brown, health talk.  
2:30 p. m.—Los Angeles Public Library.  
4:00 p. m.—Fred C. McNabb, Garden talk.  
7:00 p. m.—Liquocold program, with Charlie Wellman.  
8:00 p. m.—Pacific States Savings & Loan Co. program.  
9:00 p. m.—Elvis Allman's Surprise Package.

## THURSDAY, NOVEMBER 1

10:00 a. m.—University of Southern California.  
11:30 a. m.—Studio program.  
12:45 p. m.—Optimists' Club luncheon from Biltmore  
2:00 p. m.—Bureau of Public Safety.  
2:30 p. m.—Dorothy Ellen Cole, "This and That."  
4:00 p. m.—Dr. Phillip M. Lovell, "Care of the Body."  
4:30 p. m.—"Uncle Jerry," "Trip Through Funland."  
7:00 p. m.—Inglwood Park Cemetery Ass'n.  
8:00 p. m.—Ungar & Watson, Inc.  
9:00 p. m.—Martin Music Co. program.

## FRIDAY, NOVEMBER 2

8:00 a. m.—Verdugo Woodlands Breakfast Club.  
2:00 p. m.—U. S. C. Trojan Hour.  
2:30 p. m.—Florence Robinson, The Theater, Past, Present and Future.  
4:00 p. m.—Los Angeles City Schools program.  
4:30 p. m.—Council of International Relations.  
7:00 p. m.—KHJ Concert Orchestra.  
7:30 p. m.—Meyrohl Chemical Co. program, with Charlie Wellman.  
8:00 p. m.—Continuity program written by Van C. Newkirk.

## SATURDAY, NOVEMBER 3

8:00 to 12:00 noon.—DARK.  
2:30 p. m.—Football game from Univ. of So. Calif.  
7:30 p. m.—Morlie Club, with Charlie Wellman.  
8:00 p. m.—Robert Wildhack, The Radio Cartoonist.  
9:00 p. m.—Don Lee Symphony (in honor of Navy Day)  
12:00 midnight—The Merry-makers, with Charlie Wellman.

### DAILY EXCEPT SUNDAY

7:30 a. m.—Physical Culture Period by Dr. Phillip M. Lovell.  
8:00 a. m.—KHJ Early Birds (except Fri. and Sat.).  
9:00 a. m.—Half hour of late recordings (ex. Saturday).  
9:30 a. m.—"Have You Ever Heard?" (ex. Saturday).  
10:15 a. m.—Agnes White, "At Our House" (ex. Sat.).  
12:00 noon.—Los Angeles Biltmore Hotel Concert Or.  
12:30 p. m.—World-Wide News, courtesy L. A. Times.  
1:30 p. m.—Charlie Wellman's Request program.  
3:00 p. m.—Matinee Melody Masters (except Monday).  
4:00 p. m.—Lecture period.  
5:00 p. m.—Story Man and his Air Castle (ex. Mon.).  
5:30 p. m.—Don Lee organ recital (ex. Monday).  
6:00 p. m.—Nightly Doings.  
6:15 p. m.—Dinner music.  
6:45 p. m.—World-Wide News, courtesy L. A. Times.  
7:00 p. m.—Concert Orchestra and Soloists (ex. Tues.).  
7:30 p. m.—Half Hour of Happiness.  
10:00 p. m.—Earl Burtnett's Los Angeles Biltmore Hotel Concert Orchestra and Intermissions, through the courtesy Ungar & Watson, Majestic Radio Dist.

### SUNDAY, OCTOBER 28

9:30 a. m.—Late recordings.  
10:30 a. m.—Morning services, First M. E. Church.  
12:30 p. m.—Recordings.  
6:00 p. m.—Nightly Doings.  
6:15 p. m.—Evening Musicals, First M. E. Church.  
6:45 p. m.—World-Wide News, courtesy L. A. Times.  
7:00 p. m.—Evening services from First M. E. Church.  
8:00 p. m.—Don Lee Symphony Orchestra.  
9:00 p. m.—Walker's Dept. Store.  
10:00 p. m.—Viennese Quintette.  
11:00 p. m.—KHJ Dance Orchestra.

### MONDAY, OCTOBER 29

10:00 a. m.—University of Southern California.  
11:15 a. m.—Dr. Eugene Brown.  
11:30 a. m.—"Old Man Opportunity."  
2:00 p. m.—Elvis Allman's Surprise Package.  
3:00 p. m.—"Chasin' the Blues."  
4:00 p. m.—George M. Lord, Western Air Express.  
4:15 p. m.—M. D. Benesh, L. A. Co. Sheriff's Office.  
4:30 p. m.—Marye Shannon Harrington, talk on "Problems of the Home."

## MAJESTIC!

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4411 S. Broadway

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**HAROLD ISBELL**

# KNX

## Hollywood, Calif.—890 Kc.

5000 Watts—337 Meters—Los Angeles Evening Express  
Paramount-Lasky Studio, 5555 Marathon  
"The Voice of Hollywood"

Phone HEMpstead 4101

**Naylor Rogers**  
Manager and Program  
Director

**Glen Rice**  
Assistant Manager

**N. D. Garver**  
Technical Engineer

### DAILY EXCEPT SUNDAY

- 6:45 a. m.—"Earlybirds," exercises given by Dr. P. M. Selxas.  
7:15 a. m.—"Pep and Vigor," exercises given by Dr. P. M. Selxas.  
7:45 a. m.—"Home Folks," exercises given by Dr. P. M. Selxas.  
8:00 a. m.—Inspirational talk and morning prayer.  
8:55 a. m.—Time signals from Washington, D. C., followed by birthday notices.  
9:00 a. m.—Radio Shopping News, conducted by Carrie Preston Rittmeister.  
10:00 a. m.—Town Crier of the Day's morning message.  
10:30 a. m.—Kate Brew Vaughn, director of Household Economics Department of the Evening Express (except Friday and Saturday.)  
12:00 noon—Longines time signals, courtesy Geo. D. Davidson Co.  
12:00 noon—Musical program.  
12:30 p. m.—W. F. Alder, travelogue.  
1:30 p. m.—The Bookworm.  
2:00 p. m.—Program given through the courtesy of the Los Angeles Express Classified Advertising Dept.  
2:30 p. m.—Musical program.  
3:00 p. m.—C. P. R.'s musical program.  
4:15 p. m.—Lost and Found announcements.  
4:25 p. m.—Stock market reports.  
5:00 p. m.—"Own Your Own Home," by Chet Mittendorf.  
5:45 p. m.—Town Crier's Timely Amusement Tips.  
6:00 p. m.—Dinner program, presenting the KNX String Quintet, under the direction of Paul Finstein.  
6:30 p. m.—C. Sharpe Minor at the organ from the Hotel Ambassador Theatre, through the courtesy of Gillilan Brothers.  
7:00 p. m.—Longines time signals, courtesy Geo. D. Davidson Co.  
10:00 p. m.—Longines time signals, courtesy Geo. D. Davidson Co.  
10:00 p. m.—Hotel Ambassador; Gus Arnheim and his Cocoanut Grove Orchestra.  
12:00 midnight—The Dorado Club Silver Fliz dance hour.

### SUNDAY, OCTOBER 28

- 9:00 a. m.—Musical program by Chet Mittendorf.  
10:00 a. m.—Regum Toothpaste Company courtesy program.  
11:00 a. m.—First Presbyterian Church of Hollywood; Rev. Stewart P. MacLennan, pastor.  
1:00 p. m.—International Bible Students Association.  
2:00 p. m.—City Park Board musical program.  
4:00 p. m.—Roberts Golden State Band.  
5:15 p. m.—All Souls' Church; Dr. Charles Aked, speaking.  
6:00 p. m.—Talk by Ernest Holmes, through the courtesy of the Institute of Religious Science and Philosophy.  
6:30 p. m.—Hollywood Unitarian Church.  
7:00 p. m.—Josef Rosenfeld's Concert Orchestra from the Hotel Ambassador.

- 8:00 p. m.—First Presbyterian Church of Hollywood; Rev. Stewart P. MacLennan, pastor.  
9:00 p. m.—Calnon Lubovski, master violinist; Claire Mellonio, pianist.

### MONDAY, OCTOBER 29

- 11:00 a. m.—Georgia O. George, courtesy program.  
4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.  
7:00 p. m.—Carthay Circle Theatre courtesy program.  
7:30 p. m.—One-act play, directed by Georgia Fifeid.  
8:00 p. m.—Splittorf Radio courtesy program.  
9:00 p. m.—Wurlitzer Music Company courtesy program.

### TUESDAY, OCTOBER 30

- 11:00 a. m.—French lessons by Edgard Leon.  
2:30 p. m.—Beauty talk, courtesy of Madam Marie.  
4:00 p. m.—Garden talk by Dewey R. Kruckeberg, through the courtesy of the Theodore Payne Nursery.  
4:15 p. m.—Riccardo, the psychic prince.  
7:00 p. m.—Talk on popular science by Dr. Mars Baumgardt.  
7:30 p. m.—Feature program.  
8:00 p. m.—Hercules Gasoline Company, presenting "Tom and His Mule, Hercules."  
9:00 p. m.—Feature program.

### WEDNESDAY, OCTOBER 31

- 4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.  
6:00 p. m.—Playgoers' Club, conducted by Wedgwood Nowell.  
7:00 p. m.—Maytag Company courtesy program.  
7:30 p. m.—Feature program.  
8:00 p. m.—Brown Israel Company, presenting Bert Butterworth and his Alredales.  
8:30 p. m.—Feature program.  
9:00 p. m.—Feature program.

### THURSDAY, NOVEMBER 1

- 11:00 a. m.—French lessons by Edgard Leon.  
2:30 p. m.—Paul Hugen.  
4:30 p. m.—Louise Johnson, reading horoscopes.  
7:00 p. m.—Feature program.  
7:30 p. m.—Imperial Gas Company courtesy program.  
8:00 p. m.—Platt Music Company courtesy program.  
9:00 p. m.—Feature program.

### FRIDAY, NOVEMBER 2

- 2:30 p. m.—Los Angeles District Federation of Women's Clubs.  
4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.  
4:30 p. m.—Riccardo, the psychic prince.  
7:00 p. m.—Feature program.  
8:00 p. m.—Royal Order of Optimistic Do-Nuts, through the courtesy of the Davis Perfection Bread Company.  
9:00 p. m.—Gilmore Oil Company, presenting the Lion Tamers program.  
9:45 p. m.—Broadcasting the main event from the Hollywood Legion Stadium, through the courtesy of Dan Parker, the tailor.

### SATURDAY, NOVEMBER 3

- 6:00 p. m.—Playgoers' Club, conducted by Wedgwood Nowell.  
7:00 p. m.—Feature program.  
8:00 p. m.—Announcement of the services of the leading Los Angeles Churches.  
8:05 p. m.—Feature program.  
9:00 p. m.—Mr. and Mrs. Radio Skit.  
9:30 p. m.—Feature program.  
1:00 a. m.—The Midnight Express.

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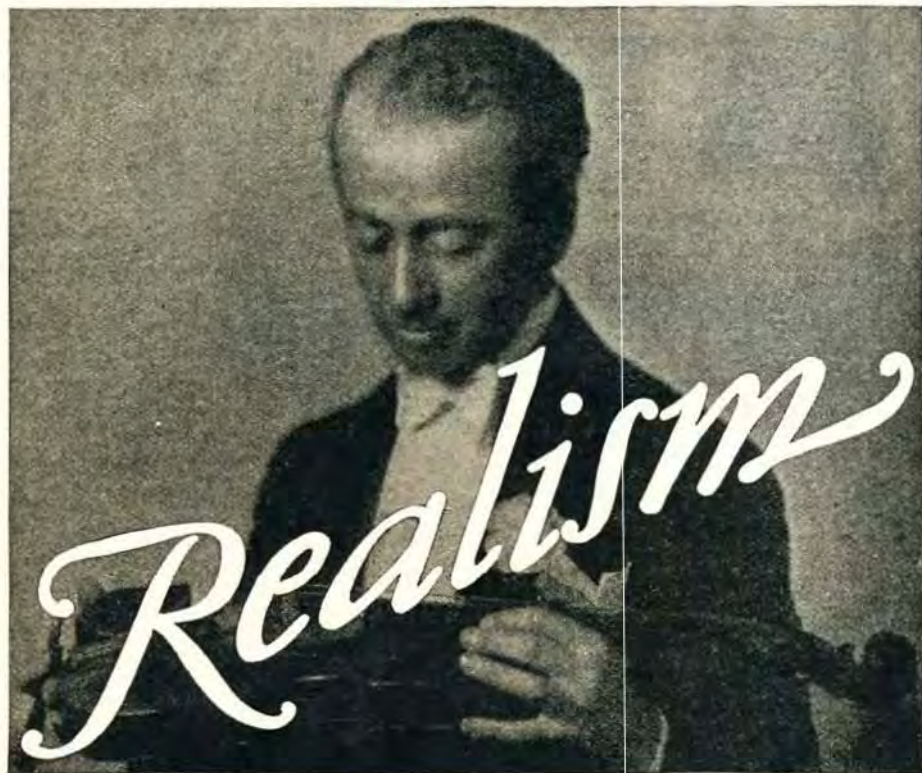
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# KMTR

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Dean Metcalf  
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Loren Powell  
Program and Musical  
Director  
Leslie Adams  
Chief Announcer

## Hollywood, Calif.—580 Kc.

500 WATTS—516.9 METERS  
KMTR RADIO STATION, 1028 N. Highland Ave., HOLLY 3026  
The Official Broadcasting Station of the  
Los Angeles Evening Herald.

### TUESDAY, OCTOBER 30

- 7:00 a. m.—Louise Howatt's Happiness Hour.  
8:00 a. m.—The New Idea Man's Wholesome Food Breakfast Club.  
8:57 a. m.—Time signals from Washington, D. C.  
9:00 a. m.—Mildred Kitchen of the Household Economics Department of the Evening Herald.  
9:15 a. m.—KMTR Radio Press Agent Hour, featuring short business announcements and musical selections.  
12:15 p. m.—Evening Herald news bulletins.  
2:00 p. m.—KMTR Spanish Hour, announced by Senorita Luisa Jujan (except Saturday).  
3:00 p. m.—Leslie Adams' concert program.  
4:30 p. m.—Dollars and Sense program.  
5:00 p. m.—Shopping and musical program.  
5:45 p. m.—Timely Topics, featuring amusement and cafe announcements.  
6:00 p. m.—Dinner hour program.  
7:00 p. m.—Evening Herald news bulletins. Lost and Found notices.  
10:00 p. m.—George Redman's Dance Orchestra from Curley Bordwell's Roof Garden. Correct time hourly through the courtesy of Muller Bros.

### DAILY EXCEPT SUNDAY

#### SUNDAY, OCTOBER 28

- 8:00 p. m.—The New Idea Man's Wholesome Food Breakfast Club.  
9:00 a. m.—Musical journey with the New Idea Man through the courtesy of John Wright, the Right Tailor.  
2:45 p. m.—Broadcasting from the Fox Hills Studio.  
5:30 p. m.—Electrola recordings.  
6:00 p. m.—Majestic Radio program over the Columbia Network from New York City and featuring the "Two Black Crowns."  
7:00 p. m.—KMTR feature program, presenting the Melody Ensemble.  
8:00 p. m.—KMTR feature program, presenting Loren Powell's Little Symphony and assisting artists.

#### MONDAY, OCTOBER 29

- 6:50 p. m.—Talk by Howard H. Jones, coach of the Southern California Football team.  
7:30 p. m.—Punk and Loomis courtesy program.  
8:00 p. m.—General Petroleum Corporation of California, courtesy program presenting their Symphonic Artists and assisting soloists.  
9:00 p. m.—Wurlitzer Music Co. courtesy program.

### TUESDAY, OCTOBER 30

- 10:00 a. m.—Georgia O. George courtesy program.  
10:30 a. m.—Electrola recordings.  
11:00 a. m.—"Intimate Impressions of Famous Stage Folk" by Marchal Millholland.  
12:00 noon—Dr. Paul J. Steidel, Dietician and Nerve Specialist.  
1:30 p. m.—Los Angeles Police Quartette.  
5:30 p. m.—Secretary Frank B. Kellogg over the Columbia Net Work.  
6:00 p. m.—Timely Topics.  
7:30 p. m.—Purr-Pull Gasoline courtesy program.  
8:00 p. m.—Ralph Hamlin, Franklin dist. courtesy program.  
9:00 p. m.—Charles Wakefield Cadman's Cantata, "Father of Waters," by Inglewood Community Choir of 65 voices.

### WEDNESDAY, OCTOBER 31

- 12:30 p. m.—Carlyle Theatre program.  
3:00 p. m.—Garden talk by Opal Scarborough through the courtesy of Germain's Seed and Plant Co.  
6:00 p. m.—Overell's Dinner Hour Concert Orch.  
8:00 p. m.—Southern California Edison Co. courtesy program featuring their Symphonic Orchestra and assisting artists.  
9:00 p. m.—Kelley Kar Company courtesy program.

### THURSDAY, NOVEMBER 1

- 10:15 a. m.—Dr. Paul J. Steidel.  
11:00 a. m.—Hollywood Chamber of Commerce program.  
11:30 a. m.—Art Fabst and his Banjo.  
1:30 p. m.—Louise Howatt, pianist and vocalist.  
7:20 p. m.—Department of Commerce talk by James H. Smalley.  
7:30 p. m.—Purr Pull Gasoline popular dance prog.  
8:00 p. m.—North American Building and Loan Association courtesy program, featuring Joseph Diskay, tenor, and the North American Trio.  
9:00 p. m.—Courtesy program featuring Loren Powell's Little Symphony.

### FRIDAY, NOVEMBER 2

- 4:15 p. m.—Talk on "Psycho-Analysis" by Walter Brown Murray.  
7:30 p. m.—John Wright, the Right Tailor, request program of dance music.  
8:00 p. m.—Loren Powell's Little Symphony.  
9:00 p. m.—F. J. Frederick courtesy program featuring Len Nash and his Country Boys.

### SATURDAY, NOVEMBER 3

- 10:15 a. m.—Talk by Dr. Paul J. Steidel, "Diet and Nervousness."  
10:45 a. m.—"Breathing for Happiness" by Madame Irwin Kellogg.  
11:00 a. m.—Edward Lynn's Kiddies' Hour.  
1:00 p. m.—KMTR Spanish Hour announced by Senorita Luisa Jujan.  
2:15 p. m.—Broadcasting the Football game from the Los Angeles Coliseum, Stanford-Southern California.  
6:00 p. m.—Los Angeles Fire Department Orchestra.  
8:00 p. m.—Popular program.

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The ARMO Condensers, an exclusive product of the Armo Radio Laboratories, is now used by the leading set manufacturers.

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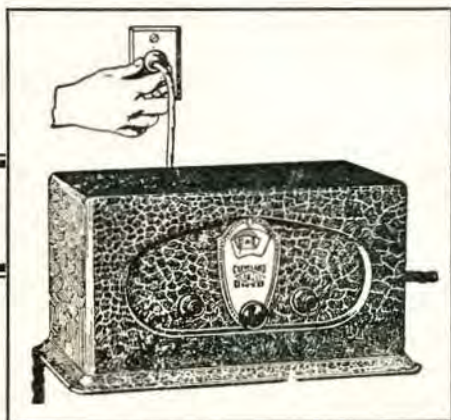
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The new ACME was the answer—the new ACME is the set they wanted—the set you want. Perfect reception—sharp tuning—single, illuminated dial control—highly attractive. Order a sample set today—start selling the millions now!

LIST PRICE  
COMPLETE  
WITH  
TUBES—  
READY TO  
PLUG IN

**\$65<sup>75</sup>**

Bulletins No. 100 to 104 describe the complete line of ACME power units. Write for them today.

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GERALD KING

# KFWB

Phone GL. 8461

Gerald L. King

Manager

Wm. Ray

Assistant Manager

Florence Israel

Program Arranger

Leslie Hewitt

Chief Technician

### DAILY EXCEPT SUNDAY

- 7:00 a. m.—Jack Rinearsen's Sunshine Melody Boys.  
 9:00 a. m.—Harmony Hour (except Wednesday).  
 10:30 a. m.—Spanish program (except Saturday).  
 11:00 a. m.—Housekeepers' Chat by Aunt Sammy of U. S. Bureau of Home Economics (except Saturday).  
 11:30 a. m.—KFWB Shopping Directory (ex. Sat.).  
 12:30 p. m.—Air Journal.  
 4:00 p. m.—Travel Tales.  
 4:45 p. m.—Radio Review.  
 5:45 p. m.—Town Tattler.  
 8:00 p. m.—KFWB Concert Quintet.  
 8:30 p. m.—Harry Jackson and entertainers from Pig'n Whistle, Hollywood.  
 7:00 p. m.—Kolster Orchestra, courtesy John G. Rapp Corp., Kolster Radio Dist.  
 7:50 p. m.—Daily News (except Saturday).  
 8:00 p. m.—Time Signal, courtesy of New Haven Clock Co.  
 10:00 p. m.—Roy Fox Orchestra from Montmartre.  
 11:00 p. m.—Timely Topics (except Tuesday).  
 Signing off at 11:10 (except Tuesday).

### SUNDAY, OCTOBER 28

- 10:00 a. m.—Musical program by courtesy of Dan Parker, Tailor.  
 6:00 p. m.—Burr McIntosh, "The Cheerful Philosopher."  
 6:30 p. m.—Harry Jackson and his entertainers, by remote control from Pig'n Whistle, Hollywood.  
 7:00 p. m.—Musical program from the Montmartre  
 7:30 p. m.—Musical program.  
 7:50 p. m.—Daily News.  
 8:00 p. m.—Time Signal by courtesy of the New Haven Clock Company, followed by Light Opera Hour by courtesy of the Overall Furniture Company.

## Hollywood, Calif.—830 Kc.

1000 WATTS—351.2 METERS  
 WARNER BROS. MOTION PICTURE STUDIOS  
 Warner Brothers' Theater, 6425 Hollywood Boulevard

- 9:00 p. m.—Bill's Ragtime Review.  
 11:00 p. m.—Time Timely Topics.

### MONDAY, OCTOBER 29

- 7:30 p. m.—Musical program.  
 8:00 p. m.—Sieberling All-Tread Orchestra  
 9:00 p. m.—Program by courtesy of the Wurlitzer Music Company.

### TUESDAY, OCTOBER 30

- 7:30 p. m.—Will Hardy entertainer.  
 8:00 p. m.—Crosley Hour, presenting the Crosley Revelers.  
 8:30 p. m.—Program by courtesy of Lloyd K. Hillman.  
 9:00 p. m.—Edgeworth Club program  
 9:30 p. m.—Olympic Auditorium Boxing Bout.  
 10:30 p. m.—Roy Fox's Orchestra, by remote control from the Montmartre Cafe.  
 11:30 p. m.—Time Timely Topics.

### WEDNESDAY, OCTOBER 31

- 8:00 a. m.—By remote control from the Breakfast Club.  
 7:00 p. m.—Leon Belasy's Quartet.  
 7:30 p. m.—L. A. Police Quartet.  
 8:00 p. m.—Xavier Cugat and his Gigoles; Carmen Castillo, soprano, in "Memories of Early California."  
 9:00 p. m.—Charles Beauchamp, tenor, and Concert Orchestra.

### THURSDAY, NOVEMBER 1

- 7:30 p. m.—Will Hardy, entertainer.  
 8:00 p. m.—Reo Flying Cloud program.  
 8:30 p. m.—Program direct from Grauman's Chinese Theatre in Hollywood celebrating the premiere of "Noah's Ark."

### FRIDAY, NOVEMBER 2

- 1:15 p. m.—Roy Fox's Orchestra, from the Montmartre Cafe.  
 7:30 p. m.—Gene Leonard, "Wizard of the Ivories."  
 8:00 p. m.—Lloyd K. Hillman, nearly new car dealer.  
 8:30 p. m.—Musical program.  
 9:00 p. m.—Sleepy Time hour.

### SATURDAY, NOVEMBER 3

- 10:45 a. m.—KFWB Shoppers' Directory.  
 11:45 a. m.—Eastern Football Game.  
 2:00 p. m.—Air Journal.  
 7:30 p. m.—Program in honor of the Illustrated Daily News.  
 8:00 p. m.—MonaMotor Oil Company, presenting the MonaMotor Ollers; Vernon Rickard, tenor.  
 9:30 p. m.—Lloyd K. Hillman, program.  
 10:00 p. m.—Xavier Cugat, famous Spanish violinist; Carmen Castillo, soprano, and Evelyn Kemp, concert pianist.



HARRY A. JAMES  
 Announcer

# KELW

Phone Burbank 1192

Earl L. White, Owner

Harry A. James  
 Program Manager

Stuart F. Wainwright  
 Technical Engineer

### DAILY EXCEPT SUNDAY

- 10:00 a. m.—Audrey Evans, featuring Frank Jocelyn.  
 11:00 a. m.—World News and Panatrophe.  
 5:00 p. m.—Concert program.  
 6:00 p. m.—Twilight Club Entertainers.

### SUNDAY, OCTOBER 28

- 10:45 a. m.—First Baptist Church, Glendale.  
 7:15 p. m.—First Baptist Church, Glendale.

### MONDAY, OCTOBER 29

- 7:00 p. m.—Burbank Chamber of Commerce, courtesy program.  
 8:00 p. m.—Glendale Chamber of Commerce, courtesy program.

## Burbank, Calif.—1310 Kc.

MAGNOLIA PARK, 500 WATTS—228.9 METERS  
 "The White Spot of the San Fernando Valley"

- 9:00 p. m.—California String Quartet; Cliff Gunning, tenor.

### TUESDAY, OCTOBER 30

- 7:00 p. m.—California String Quartet.  
 8:00 p. m.—Ben Sears and Wife "Old Time Fiddlers' Claude Burroughs, caller. Old time dancing.

### WEDNESDAY, OCTOBER 31

- 7:00 p. m.—Burbank Chamber of Commerce, courtesy program.  
 8:00 p. m.—California String Quartet; Dorothy Earle, soloist.  
 9:00 p. m.—Magnolia Park Trio; H. W. Brown, Jr., tenor.

### THURSDAY, NOVEMBER 1

- 7:00 p. m.—California String Quartet and soloist.  
 8:00 p. m.—Majestic Radio program, rebroadcast.  
 9:00 p. m.—Mission Singers and Instrumentalists.

### FRIDAY, NOVEMBER 2

- 7:00 p. m.—Burbank Chamber of Commerce program.  
 8:00 p. m.—Neapolitan Trio; Otto Ploetz, tenor.  
 9:00 p. m.—California String Quartet; Walter Butterly, baritone; Herbert Henning, piano.

### SATURDAY, NOVEMBER 3

- 7:00 p. m.—California String Quartet; Jack Jenkins, baritone.  
 8:00 p. m.—KELW Mixed Quartet.  
 9:00 p. m.—Matt Lauder, Scotch comedian; Ray Had-dock, tenor; Hollywood Duo.

**WHO'S WHO**

**Introducing Harry N. Steinle**

For the past four years general sales manager in charge of the sales for the CeCo Manufacturing Company. Two years prior as sales manager for the Brite Lite Lamp Company, makers of Marvel Lamps, previously being for a period of two years sales manager for the Dalite Lamp Company, Jersey City, N. J.

Prior to this was president and gen-

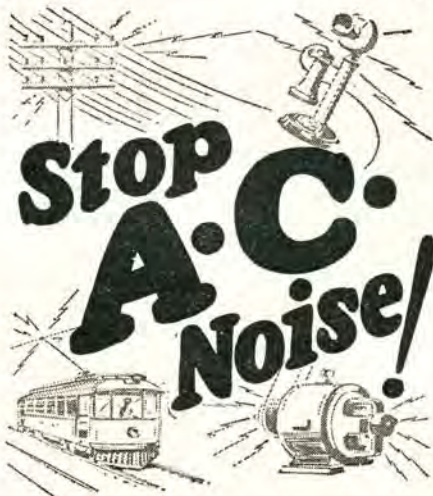


eral sales manager of a manufacturing company in Lynn and Salem, Mass.

During the war was assistant to the general manager of the Remington Arms plant of Remington, Pa., which produced the greater part of the rifles used by the U. S. Army during the war.

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BILLY BARRON

## KPLA Los Angeles, Calif.—1040 Kc.

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Commercial Exchange Building, Eighth and Olive Streets  
Official Station of the Los Angeles Examiner  
Los Angeles, California  
288.3 METERS—300 WATTS—1040 KILOCYCLES  
1315 Commercial Exchange Bldg.  
8th and Olive Streets

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Harry McCoy, Program  
Mgr. and Night Announcer  
Billy Barron  
Director of Popular  
Orchestra  
Marbelle Leslie  
Director of Concert  
Orchestra  
G. M. Sprague  
Director of Transmission  
Official Station of The Los  
Angeles Examiner

### DAILY EXCEPT SUNDAY

- 7:30 a. m.—Recordings.  
8:00 a. m.—Breakfast Frolic—Request program.  
11:00 a. m.—KPLA Diversities.  
4:00 p. m.—Health talk, Miss Furman.  
4:05 p. m.—Household, financial, shopping information.  
6:00 p. m.—Druggists Radio Association program.  
7:00 p. m.—National Democratic Committee.  
7:30 p. m.—National Republican News.  
7:45 p. m.—Doris Decker, Katherine O'Neill (except Monday and Tuesday).  
8:30 p. m.—George Eckhart's Cafe Lafayette Orchestra (except Saturday).

### SUNDAY, OCTOBER 28

- 6:00 p. m.—Two Black Crowns, over Columbia Network from New York.  
7:00 p. m.—Request program with Billy Barron, Wint Cotton, Fred Scott and others.  
8:00 p. m.—KPLA Dance Orchestra.  
9:00 p. m.—Popular request hour.

### MONDAY, OCTOBER 29

- 10:00 a. m.—Recordings.  
10:50 a. m.—Prudence Penny.  
11:00 a. m.—Doris Decker; Haywire Five Orchestra; Wint Cotton, Katherine O'Neill.  
3:00 p. m.—Florentine Trio.  
7:45 p. m.—L. A. Fire Dept. Orchestras.

- 8:30 p. m.—Leonard Van Berg, Doris Decker, Katherine O'Neill.  
9:00 p. m.—KPLA Salon Orchestra, with Tudor Williams.

### TUESDAY, OCTOBER 30

- 10:30 a. m.—Ciella Collins.  
11:00 a. m.—Doris Decker; Haywire Five Orchestra; Wint Cotton, Katherine O'Neill.  
7:45 p. m.—Senator Cartwright.  
8:00 p. m.—String Quartet with Satsuma, Jap tenor.  
8:30 p. m.—Metropolitan Theatre Revue.  
9:00 p. m.—KPLA Concert Quintet with Fred Scott and others.

### WEDNESDAY, OCTOBER 31

- 10:30 a. m.—Prudence Penny.  
11:00 a. m.—Doris Decker; Haywire Five Orchestra; Wint Cotton, Katherine O'Neill.  
8:00 p. m.—KPLA Concert Quintet.  
9:00 p. m.—Markell and Lawton; KPLA Dance Orchestra; Billie Dove.  
9:30 p. m.—Three Musketeers, Billy Barron.

### THURSDAY, NOVEMBER 1

- 10:30 a. m.—Ciella Collins.  
3:00 p. m.—Florentine Trio.  
8:30 p. m.—Doris Decker, Wint Cotton, Katherine O'Neill.  
9:00 p. m.—KPLA Salon Orch. with Otto Plotz.

### FRIDAY, NOVEMBER 2

- 10:30 a. m.—Prudence Penny.  
3:00 p. m.—L. A. Police Quartet.  
3:30 p. m.—Public Safety Police.  
4:00 p. m.—Household, shopping, financial information.  
8:00 p. m.—KPLA Concert Quintet with Fred Scott.  
9:00 p. m.—Sonz Pluggers Review; KPLA Dance Orch.

### SATURDAY, NOVEMBER 3

- 10:30 a. m.—Ciella Collins.  
8:00 p. m.—KPLA Dance Orchestra with Ralph Irwin.  
9:00 p. m.—KPLA Dance Orchestra; Doris Decker and Katherine O'Neill.



W. S. BROWN

## KGFH Glendale, Calif.—1140 Kc.

250 WATTS—263 METERS  
Main Studio: Hotel Glendale, E. Broadway and Glendale Blvd.  
Douglas 3326 Cor. E. Broadway and Glendale Blvd.

R. L. Rust  
General Manager

W. S. Brown  
Sales Manager

Marcia Conrad  
Musical Director

Barrett Cosby  
Technician

### DAILY EXCEPT SUNDAY

- 8:30 a. m.—Happy Swede Killberg, Happiness hour.  
9:00 a. m.—Pep talk.  
9:30 a. m.—Marcia's request program.  
10:00 a. m.—KGFH Shopping Review.  
11:30 a. m.—Glendale Forum.  
12:00 noon—Glendale News-Press bulletins and music.  
5:00 p. m.—News, announcements and music.

### MONDAY, OCTOBER 29

- 6:30 p. m.—Larry Green, Marita Rose.  
7:00 p. m.—Divine Science Fellowship, musical program.

- 8:00 p. m.—Gene Johnston's Music Box.  
9:00 p. m.—Verdugo Serenaders.

### WEDNESDAY, OCTOBER 31

- 8:00 p. m.—Divine Science Fellowship, musical program.  
9:00 p. m.—Joe Bishop in requests.  
9:30 p. m.—Glendale Fire Department program.

### FRIDAY, NOVEMBER 2

- 6:00 p. m.—Glendale Harmony Hthree.  
6:30 p. m.—Bill Theck's Southern Orchestra.  
7:00 p. m.—Divine Science Fellowship, musical program.  
8:00 p. m.—Studio program.

- 8:30 p. m.—Larry Green and Marita Rose.  
9:00 p. m.—Studio program.

### SATURDAY, NOVEMBER 3

- 6:00 p. m.—Studio program.  
6:30 p. m.—Glendale Harmony Trio.  
7:00 p. m.—Lois.  
8:00 p. m.—Glendale Mixed Quartet.  
9:00 p. m.—Musical program.  
9:30 p. m.—KGFH Frolic.

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JAMES FOUCH

## KMIC Inglewood, Calif.—1340 Kc.

250 WATTS—224 METERS  
Chamber of Commerce Bldg., Inglewood, Calif.  
Newspaper of the Air

Tel. TH. 1121

Owned and Operated by  
James H. Fouch

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Studio Director and  
Program Manager

Dave Ward  
Announcer

"Doc" Morris  
Asst. Announcer  
C. B. Olmstead  
Technical Engineer  
NEWS BULLETIN  
HOURLY

### DAILY EXCEPT SUNDAY

- 8:00 a. m.—Breakfast Frolic, with Little Eddie Barnes.  
9:50 a. m.—Mabel Barnes, Cooking.  
12:00 noon.—Dave Ward, Office Boy.  
1:00 p. m.—Mabel of the Air.  
1:30 p. m.—Radio Picture Transmission.  
1:50 p. m.—Doc Morris Hot Shots.  
6:00 p. m.—KMIC Organ Recital, with Marie Hocking.  
6:45 p. m.—Cash Finance program.

### SUNDAY, OCTOBER 28

- 8:00 a. m.—Breakfast Frolic, with Little Eddie.  
9:50 a. m.—Rev. Henry Coe Culbertson, sermon.

### MONDAY, OCTOBER 29

- 7:00 p. m.—Municipality of Inglewood program, featuring the Pastel Trio.  
8:00 p. m.—General Petroleum program, rebroadcast from KMTL.

9:00 p. m.—Wurlitzer program, rebroadcast from KNX.

### TUESDAY, OCTOBER 30

- 7:00 p. m.—Cecilian Instrumental Trio; John Dixon, haritone.  
7:45 p. m.—Talk by Atty. S. S. Hahn.  
8:00 p. m.—So. Calif. Music Co., presenting Marguerite LeGrande, concert pianist.  
8:30 p. m.—Rhythm Destroyers.  
9:00 p. m.—Fredericks Finance program, rebroadcast from KMTL.  
9:00 p. m.—Kaktus Kid Orchestra.  
7:45 p. m.—John Mand of the Los Angeles Record.  
8:00 p. m.—Varied program.  
9:00 p. m.—Lennon, Calif., varied program.  
9:30 p. m.—Professional tryouts.

### THURSDAY, NOVEMBER 1

- 7:00 p. m.—N. E. Brown, Radio Technology.  
7:15 p. m.—KMIC Varieties.  
8:00 p. m.—Laurita Nance, Mildred Brotzman; Ted Rose, jazz pianist.

### FRIDAY, NOVEMBER 2

- 7:00 p. m.—L. A. Police Quartette.  
7:30 p. m.—So. Calif. Music Co. program.  
8:00 p. m.—Frederick Finance Orchestra.  
9:00 p. m.—Gilmore Oil program, rebroadcast KNX.

### SATURDAY, NOVEMBER 3

- 7:00 p. m.—Berch Bros. Instrumental Trio.  
7:15 p. m.—Judge Georgia Bullock.  
7:30 p. m.—Rhythm Destroyers.  
8:00 p. m.—Silverstone Hawaiian Trio; 3 Musty Stears; Ted Rose, pianist; Theone Lindgren, blues.



ROY ADAMS

## KFWC Pomona, Calif.—1210 Kc.

Phone 1147 247.8 METERS—100 WATTS  
Eisberry Reynolds Studebaker Bldg.

Owned and Operated by  
James H. Fouch  
E. L. Landsberg  
Res. Manager  
Roy Adams  
Announcer  
Ruth Baldwin  
Studio and Prog. Mgr.

### DAILY EXCEPT SUNDAY

- 11:30 a. m.—Merchants Air Service.  
6:00 p. m.—Merchants Air Service.  
6:45 p. m.—News Items, courtesy Los Angeles Record.  
7:30 p. m.—Kilpatrick Bread Co. of Long Beach.

### SUNDAY, OCTOBER 28

- 10:30 a. m.—First Christian Church, Rev. Hutsher.  
7:00 p. m.—First M. E. Church, Rev. Reynolds.

### MONDAY, OCTOBER 29

- 7:00 p. m.—Peggy and Jean and Mary Nash.  
7:45 p. m.—Ontario Shade & Linoeum Co.; Ruth Baldwin.  
8:00 p. m.—L & W Service Corp.; recordings.  
8:15 p. m.—Braundale Acres; recordings.  
8:30 p. m.—Borson's courtesy program.

### TUESDAY, OCTOBER 30

- 7:00 p. m.—Aeolian Quartet.  
7:45 p. m.—Ontario Shade & Linoeum Co., recordings.  
8:00 p. m.—L & W Service Corp.; Ruth Baldwin.  
8:15 p. m.—Braundale Acres; Ruth Baldwin, KFWC Nightingals.  
8:30 p. m.—Borson's courtesy program.

### WEDNESDAY, OCTOBER 31

- 7:00 p. m.—Elsaine Miller; organ recital.  
7:45 p. m.—Ontario Shade & Linoeum Co.; Carl Wolfe stung cowboy.  
8:00 p. m.—L & W Service Corp., recordings.  
8:15 p. m.—Braundale Acres, recordings.  
8:30 p. m.—Borson's courtesy program.

### THURSDAY, NOVEMBER 1

- 7:00 p. m.—KFWC Quartet.  
7:30 p. m.—F. J. Traffen program.  
7:45 p. m.—Ontario Shade & Linoeum, recordings.  
8:00 p. m.—L & W Service Corp.; Ruth Baldwin.  
8:15 p. m.—Braundale Acres; Ruth Baldwin.  
8:30 p. m.—Borson's courtesy program.

### FRIDAY, NOVEMBER 2

- 7:00 p. m.—Elsaine Miller, organ recital.  
7:30 p. m.—Ralph Nye, tenor.  
7:45 p. m.—Ontario Shade & Linoeum, recordings.  
8:00 p. m.—L & W Service Corp., recordings.  
8:15 p. m.—Braundale Acres, recordings.  
8:30 p. m.—Stanley Tweedy, talk on Law Enforcement.  
8:45 p. m.—Frank Ingleman and Trio.

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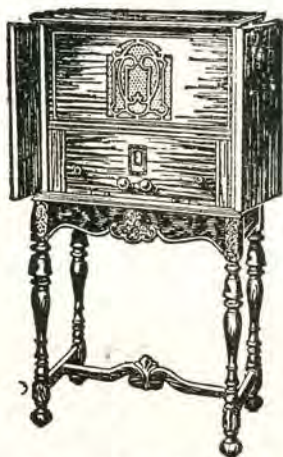
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LARRY SNELL

# KGfJ Los Angeles, Calif.—1410 Kc.

212.6 METERS—Washington Blvd. at Oak St.

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Program Director  
Larry Snell  
Announcer  
Chas. Whitney  
Chief Technician  
H. Trask Bruck  
Night Owl  
Phones:  
Westmore 7777  
Westmore 7778

4:00 p. m.—Tryouts.  
7:00 p. m.—Eddie Gelmacher, pianist; Albert Keglovich, violinist.  
10:30 p. m.—Hawaiian Trio; Doc Morris, uke.

## TUESDAY, OCTOBER 30

11:00 a. m.—Earl Snyder, ballads; Gene Perry, uke; Margaret Hart, pianist.  
12:00 noon—Rae Silverman, blues singer; Esther Kahn, pianist.  
7:00 p. m.—Charlie Davis, uke; Radiotising Twins.  
10:30 p. m.—Pantages Happy Moments; Hawaiian Trio.

## WEDNESDAY, OCTOBER 31

11:00 a. m.—Charlie Cole, tenor; Gene Perry, uke; Margaret Hart, pianist.  
12:00 noon—Rae Silverman, blues singer; Esther Kahn, pianist.

2:00 p. m.—Jesse Stafford and his Brunswick Recording Orchestra by remote control from Cinderella Roof Ballroom.

7:00 p. m.—Irma Vail, pianist; Albert Keglovich, violinist.  
10:30 p. m.—Hawaiian Trio; Nat Weineoff, blues; Gertrude Goldberg, soprano.

## THURSDAY, NOVEMBER 1

11:00 a. m.—Charlie Cole, tenor; Gene Perry, uke; Margaret Hart, pianist.  
12:00 noon—Rae Silverman, blues singer; Esther Kahn, pianist.

7:00 p. m.—Heine Klats and Irma Vail.  
10:30 p. m.—Hawaiian Trio; Charlie Cole, tenor; Ernie West, banjo.

## FRIDAY, NOVEMBER 2

11:00 a. m.—Charlie Cole, tenor; Gene Perry, uke; Margaret Hart, pianist.  
12:00 noon—Rae Silverman, blues singer; Esther Kahn, pianist.

7:00 p. m.—Otto Hoeg, pianist; Evvy Waterbury, saxophone.  
10:30 p. m.—Hawaiian Trio; Rae Silverman, blues singer; Earl Snyder, ballads.

## SATURDAY, NOVEMBER 3

11:00 a. m.—Earl Snyder, ballads; Gene Perry, uke; Margaret Hart, pianist.  
12:00 noon—Rae Silverman, blues singer; Esther Kahn, pianist.

2:00 p. m.—Jesse Stafford and his Brunswick Recording Orchestra by remote control from Cinderella Roof Ballroom.  
7:00 p. m.—Charlie Davis, uke; Radiotising Twins.  
10:30 p. m.—Scotty Kirkpatrick and Miles Sanford; Laureta and Mildred, blues.

12:00 midnight—Saturday Nite Frolic.

### DAILY EXCEPT SUNDAY

12:00 midnight—Nite Owl program.  
7:00 a. m.—Breakfast program.  
8:30 a. m.—Gordon Smith's Radiotising Service; Otto Hoeg, pianist.  
9:30 a. m.—Recordings.  
11:00 a. m.—Airlane Radio Service.  
12:00 noon—Your Favorite Request Hour.  
1:00 p. m.—Studio program.  
4:30 p. m.—Studio program.  
6:00 p. m.—Dinner Hour Orchestra.  
7:00 p. m.—Gordon Smith's Radiotising Service.  
8:00 p. m.—Rae and Esther, blues.  
8:30 p. m.—Jesse Stafford and his Brunswick Recording Orchestra by remote control from Cinderella Roof Ballroom.  
10:30 p. m.—Studio program.

### SUNDAY, OCTOBER 28

12:00 midnight—Nite Owl program.  
7:00 a. m.—John Wright program; recordings.  
10:00 a. m.—Southlanders Orchestra; Charlie Cole, tenor.  
12:00 noon—Columbine String Trio; Rocky Bernard, baritone.  
1:30 p. m.—Honolulu Three, Hawaiian Trio; Gladys Parish, blues singer.  
3:30 p. m.—S. A. Escher Memory Contest; Esther Kahn, pianist.  
4:00 p. m.—Sunday Afternoon Frolic.  
6:00 p. m.—Studio program.

### MONDAY, OCTOBER 29

12:00 noon—Earl Snyder, ballads; Gene Perry, uke; Margaret Hart, pianist.  
12:00 noon—Rae Silverman, blues singer; Esther Kahn, pianist.  
3:00 p. m.—Bureau of Public Safety; L. A. Police Quartet.

Your favorite Request Hour

**RAE SILVERMAN, the Most Popular Blues Singer on the Air**

Esther Kahn at the Piano

12 to 1 Week Days

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Jean Campbell Macmillan  
Literary Director  
Edmund Lytton  
Studio and Program  
Director  
Kenneth G. Drimston,  
Technical Director  
Charles Rush  
Transmission Engineer

MONDAY, OCTOBER 29  
8:30 p. m.—Studio concert with Joseph Jean Gilbert, flutist; Mildred Ware Rhodes, contralto; Tudor Williams, baritone, and Paul Carson, pianist.

## TUESDAY, OCTOBER 30

8:30 p. m.—Jean Campbell Macmillan's studio program.

## THURSDAY, NOVEMBER 1

8:30 p. m.—Studio concert with Harriet Lavine, mezzo-soprano; Fred Scott, tenor, and Paul Carson, piano.  
9:30 p. m.—Musical program sponsored by Beverly Institute of Music.

## FRIDAY, NOVEMBER 2

8:30 p. m.—"Dearie" in Dinner Diversions.  
8:45 p. m.—Opera reading.  
7:30 p. m.—Concert orchestra.  
8:30 p. m.—Jean Campbell Macmillan's continuity. "The House on Wheels."  
9:30 p. m.—Macmillan Double M dance orchestra.  
10:30 p. m.—Request program.

### DAILY EXCEPT SUNDAY, WEDNESDAY AND SATURDAY

6:00 p. m.—Organ recital.  
6:30 p. m.—Book and Nook period (except Friday).  
7:00 p. m.—"Dearie" in Dinner Diversions (ex. Friday).  
7:15 p. m.—Concert Orchestra (except Friday).  
10:00 p. m.—Macmillan Double M dance orch. (ex. Fri.)  
11:00 p. m.—Request program (except Friday).

# 4<sup>th</sup> Down and 2 to Go



Model 15  
Temple Air Column Speaker \$29

THEY'RE in the fourth quarter and in less than a minute the game will be over. A scoreless tie. A yell—a fumble—our boys just got a break—the ball is now within scoring distance. Once, twice, three times they hit the line—a gain of eight yards. Boy!—what a situation—30 seconds to play—nothing to nothing—4th down and 2 to go.

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## Santa Monica, Cal.—800 Kc.

500 WATTS—375 METERS  
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Pickwick Broadcasting Corporation  
Geo. H. Bowles, Vice Pres. and Genl. Mgr.  
Clarence B. Jureau, Chief Transmission Engineer.  
Harry D. Mills, Chief Structural Engineer

### MONDAY, OCTOBER 29

3:20 p. m.—Berlitz Method Spanish Lesson.  
5:00 p. m.—Peggy Price, "Miss Pickwick."  
7:00 p. m.—Glen Edmonds Air Theatre Play Boys:  
Rosalie Lane, blues singer; Jeanette Dace, pianist.  
8:00 p. m.—Ritally Trio; Vera Hamby, mezzo-contralto.  
9:00 p. m.—Blu-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.

### TUESDAY, OCTOBER 30

3:20 p. m.—Ann Martin, Home Economics expert.  
5:00 p. m.—Reverly Hillis Male Quartet.  
7:00 p. m.—Glen Edmonds Air Theatre Play Boys:  
Peggy Price, "Miss Pickwick," blues; Polly Grant Hall, accompanist.  
9:00 p. m.—Blu-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues singer supreme.

### WEDNESDAY, OCTOBER 31

3:20 p. m.—Berlitz Method Spanish Lesson.  
5:00 p. m.—Studio Specialties.  
7:00 p. m.—Glen Edmonds Air Theatre Play Boys:  
Hale Hooper, ballads; Polly Grant Hall, piano.  
9:00 p. m.—Blu-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.

### THURSDAY, NOVEMBER 1

3:20 p. m.—Ann Martin, Home Economics expert.  
5:00 p. m.—Peggy Price, "Miss Pickwick."  
7:00 p. m.—Glen Edmonds Air Theatre Play Boys:  
Loyce Whiteman, blues; Polly Grant Hall, piano.  
9:00 p. m.—Blu-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues singer supreme.

### FRIDAY, NOVEMBER 2

3:20 p. m.—Berlitz Method Spanish Lesson.  
5:00 p. m.—Peggy Price, "Miss Pickwick."  
7:00 p. m.—Glen Edmonds Air Theatre Play Boys:  
Peggy Price, "Miss Pickwick," blues; Polly Grant Hall.  
9:00 p. m.—Blu-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.

### SATURDAY, NOVEMBER 3

5:00 p. m.—Reverly Hillis Male Quartet.  
7:00 p. m.—Glen Edmonds Air Theatre Play Boys:  
Hale Hooper, ballads; Polly Grant Hall.  
9:00 p. m.—Blu-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues singer supreme.

### DAILY EXCEPT SUNDAY

5:00 a. m.—KNRC Shopping Circle.  
1:00 p. m.—Shopping Review  
2:00 p. m.—Associated Press News from the Santa Monica Outlook.  
2:30 p. m.—Santa Monica Municipal Band Concert (except Monday).  
3:30 p. m.—Lola.  
5:15 p. m.—Eddie Goldmacher, jazz pianist.  
6:30 p. m.—Popular Melodies on the Elks Mighty Organ. Bill Sabransky at the console.  
7:00 p. m.—Glen Edmonds Air Theater Play Boys and vocalist.  
8:00 p. m.—Santa Monica Municipal Band Concert (except Monday).  
9:00 p. m.—Gilmore Oil Company program.  
10:00 p. m.—Halpin Markey and his Musical Keys from Egyptian Ballroom.  
11:00 p. m.—Plantation Cafe Frolic, featuring Henry Halstead's Victor Recording Orch. and The Crooners.

### SUNDAY, OCTOBER 28

9:45 a. m.—International Bible Students' Association program.  
10:45 a. m.—Pilgrim Lutheran Church Services.  
2:30 p. m.—Santa Monica Municipal Band Concert (except Monday).  
4:00 p. m.—Bible Questions and Answers.  
4:30 p. m.—The Elks Mighty Organ Recital.  
5:30 p. m.—Dialogue—IBSA program.  
6:00 p. m.—Pilgrim Lutheran Church Services program.  
7:00 p. m.—International Bible Students' Association  
8:00 p. m.—Santa Monica Municipal Band Concert.  
9:00 p. m.—Jess Stafford's Brunswick Ballroom Orchestra from Egyptian.  
10:00 p. m.—Plantation Cafe Frolic; Henry Halstead's Victor Orchestra.

# KFQZ

## Los Angeles, Calif.—1290 Kc.

232.4 METERS  
1417 S. Figueroa St., Los Angeles, Calif. Westmore 3001.



BOB SWAN

Walter King, Gen. Mgr.  
L. E. Taft, Studio Mgr.  
Bob Swan, Announcer  
Al Cajal, Studio Ace.  
Monroe Manning,  
Business Manager  
Pearl Bestman  
Program Director

11:00 p. m.—Old Time Songs.

### MONDAY, OCTOBER 29

7:30 p. m.—Bob's Musical Boys; Harry Lamont.  
8:30 p. m.—Bob Swan and Al Cajal.  
9:00 p. m.—Edith Isabel, Ralph Moore, Les Mansfield.  
10:00 p. m.—Studio program.

### TUESDAY, OCTOBER 30

7:30 p. m.—The Melody Sweethearts; Dick Wilson, Jim Crosby.  
8:30 p. m.—James Monte, Marie Gelder.  
9:00 p. m.—Al Cajal's request.

### WEDNESDAY, OCTOBER 31

7:30 p. m.—Chuck Sheeley; Gwon-Marlowe Trio.  
8:30 p. m.—Ann Warren.  
9:00 p. m.—Marshall Elston, Dolly McDonald.

### THURSDAY, NOVEMBER 1

7:30 p. m.—Jeanette Warner, Inez Ingram.  
8:30 p. m.—Haine Montgomery, Al Cajal.  
9:00 p. m.—Novelty Synchronators; Oliver Pellerin, Clarence Russell.  
10:00 p. m.—Auditions.

### FRIDAY, NOVEMBER 2

7:30 p. m.—Sammy Koren, Ethel Blecha.  
8:30 p. m.—Dorothy Lewis.  
9:00 p. m.—Lou Bichel and orchestra; Ralph Moore.  
SATURDAY, NOVEMBER 3  
7:30 p. m.—Melody Sweethearts; Ernest Jacobson.  
8:30 p. m.—Al Cajal's request program.  
9:00 p. m.—Arzo and Shriver; Margaret Thorpe, Les Mansfield.

### DAILY EXCEPT SUNDAY

7:00 a. m.—Breakfast program.  
10:00 a. m.—Panatropé and Shopping News.  
12:00 noon—Studio program.  
1:00 p. m.—Shopping News and Panatropé.  
5:00 p. m.—Dinner program.  
6:30 p. m.—Panatropé.  
10:00 p. m.—Panatropé.

### SUNDAY, OCTOBER 28

8:00 a. m.—Murray's Courtesy program.  
9:30 a. m.—Courtesy programs.  
12:00 noon.—Panatropé request.  
5:00 p. m.—Dinner program.  
6:00 p. m.—Barrow's Majestic hour.  
7:00 p. m.—Dolly McDonald, Sammy Koren.  
8:00 p. m.—Clarice Russell, Al Cajal, Norman Johnson.  
10:00 p. m.—Dorothy Lewis, Warren Stayner.

---

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We Are Now Making Deliveries  
on Our New

# All Electric Radio

We are making a set that is filling a long-felt need in the **LOW PRICE** field, and its construction is of the **HIGHEST QUALITY** and **WORKMANSHIP**. Only the **BEST** of parts used throughout.

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**LOS ANGELES**

**4009 South Western Ave.**

**Vermont 1619**

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The essential features of these programs are identical with those sent by the stations.



**JERRY PURCELL**  
Announcer

4:00 p. m.—Press-Telegram afternoon news.  
4:30 p. m.—Hancock Oil Co. Orchestra (every day).  
6:00 p. m.—Lost and Found Announcements.  
6:05 p. m.—Hancock Oil Co. Orchestra (every day).  
8:00 p. m.—Press-Telegram evening news.  
8:15 p. m.—Musical program.

**DAILY EXCEPT MONDAY**

2:30 p. m.—Press-Telegram presenting Long Beach Municipal Band.  
3:05 p. m.—Musical program.  
3:20 p. m.—Press-Telegram presenting Long Beach Municipal Band.

**SUNDAY, OCTOBER 28**

9:30 a. m.—Studio organ recital.  
10:30 a. m.—Angels' Abney chimes.  
11:00 a. m.—St. Luke's Episcopal Church, Rev. Perry Austin.  
12:30 p. m.—Birkel Music Co.  
1:30 p. m.—Pacific Coast Club organ.  
2:30 p. m.—Long Beach Municipal Band.  
4:00 p. m.—Latest popular record releases.  
6:30 p. m.—Radio Church of the Air.  
7:00 p. m.—"Chrysler Program"—Concert Orchestra.  
7:45 p. m.—First Church of Christ, Scientist.  
9:00 p. m.—Hancock All-Star Nite.

**MONDAY, OCTOBER 29**

12:30 p. m.—Popular Songs of today.  
12:45 p. m.—Piano selections.  
1:00 p. m.—Red Seal Recordings.  
1:15 p. m.—Jazz Band.  
1:30 p. m.—Hawaiian program.  
1:45 p. m.—Arkansas Traveler.  
2:00 p. m.—Varied Musical program.  
3:00 p. m.—Concert Orchestra.  
7:00 p. m.—Suydam's Buttercream Schoolhouse.  
8:00 p. m.—Goodyear Quartette and other entertainers.  
10:00 p. m.—Chrysler Hour.  
11:30 p. m.—Majestic Ballroom Orchestra.

**TUESDAY, OCTOBER 30**

1:00 p. m.—Kiwanis Club luncheon.

# KFON

## Long Beach, Cal.—1240 Kc.

"Where Your Ship Comes In"  
1000 WATTS—242 METERS—HANCOCK OIL STATION  
Owned and Operated by NICHOLS & WARINNER, Inc.  
220 E. Anaheim St.  
CLARENCE CRARY, Announcer

**DAILY EXCEPT SUNDAY**

8:00 a. m.—Tadpole Jones, The Buttercream Boy.  
8:15 a. m.—Musical program.  
9:00 a. m.—Novelty Music program.  
9:30 a. m.—Organ Recital.  
10:00 a. m.—Piano recital.  
10:15 a. m.—"Devotional Period," except Saturday.  
10:30 a. m.—Musical program.  
11:30 a. m.—Press-Telegram morning news. Frank P. Goss.  
12:00 noon.—Popular Dance program.  
12:15 p. m.—Varied Musical.

1:30 p. m.—Dance music.  
6:45 p. m.—Dr. Williams (tuberculosis specialist).

7:00 p. m.—Musical program.  
8:15 p. m.—Musical program.  
9:30 p. m.—Rebroadcast KFWB—Olympic Auditorium.  
10:30 p. m.—Pacific Coast Club Orchestra.

**WEDNESDAY, OCTOBER 31**

1:00 p. m.—Rotary Club.  
1:30 p. m.—Memory Lane.  
1:45 p. m.—Dance music.  
7:00 p. m.—"Fair's Pair of Kids."  
7:30 p. m.—"Chrysler Hour."  
8:15 p. m.—Pacific Coast Club Orchestra.  
9:30 p. m.—Main event, Wilmington Bowl.  
10:30 p. m.—Majestic Ballroom Orchestra.

**THURSDAY, NOVEMBER 1**

1:00 p. m.—Health and Efficiency, Dr. Elmer S. Clark.  
1:30 p. m.—Ballad Hour.  
1:45 p. m.—Accordion and Banjo Records.  
2:00 p. m.—Hawaiian and Black Crow.  
7:30 p. m.—"Chrysler Hour."  
8:15 p. m.—Musical program.  
9:00 p. m.—Musical program from main Studio.  
10:00 p. m.—Majestic Ballroom Orchestra.

11:00 p. m.—Pacific Coast Club Orchestra.

**FRIDAY, NOVEMBER 2**

1:00 p. m.—Masonic Club luncheon.  
1:30 p. m.—Popular Vocal selections.  
1:45 p. m.—Jazz Band.  
7:00 p. m.—"Em and Clem."  
7:30 p. m.—"Chrysler Hour."  
8:15 p. m.—FireSide Hour; Clarence Crary.  
9:30 p. m.—Rebroadcast KNX—American Legion Stadium.  
10:30 p. m.—Majestic Ballroom.

**SATURDAY, NOVEMBER 3**

4:30 p. m.—Uncle Happy's Kiddies.  
4:45 p. m.—Majestic Ballroom Orchestra.  
7:00 p. m.—Cloverleaf Chocolate program.  
7:30 p. m.—"Chrysler Hour."  
9:00 p. m.—Musical program from main Studio.  
10:00 p. m.—Pacific Coast Club Orchestra.  
11:00 p. m.—Majestic Ballroom.



**HAROLD MATHEWS**

# KWTC

## Santa Ana, Calif.—1100 Kc.

Studio at 1101 North Ross St., Santa Ana, California.

"The Garden of Eden Stations"  
"Kum West to California"

272.5 METERS—100 WATTS  
WESTERN ELECTRIC INSTALLATION

Owned and Operated by  
**Dr. John Wesley Hancock**  
Manager—Announcer  
Telephone 1896

**Edith C. Hancock**  
Program Manager

**DAILY EXCEPT SUNDAY**

5:00 p. m.—Dinner Hour; music, news items, etc. (except Saturday).

**MONDAY, OCTOBER 29**

6:00 p. m.—Studio program.  
6:30 p. m.—Garden Grove Free Methodist Church.  
7:00 p. m.—Jess Goodman's Samson Cord popular program presented by Ray Simpson.  
7:30 p. m.—Eastern Oil Co.'s Hawaiian half hour.  
8:00 p. m.—Chandler's Music Store De Luxe Trio.  
9:00 p. m.—San Clemente's Spanish hour.

**TUESDAY, OCTOBER 30**

6:00 p. m.—Studio program.  
6:30 p. m.—Smiling Eddie Marble's request hour.

**WEDNESDAY, OCTOBER 31**

6:00 p. m.—Aunt Sammy's Household Hints.  
6:30 p. m.—Moon Aerotype program.

**THURSDAY, NOVEMBER 1**

6:00 p. m.—Merchants Music Contest presented by Harold Mathews, featuring Hummable Concert Trio.  
7:00 p. m.—Santa Ana Musical Travelogue presented by Edna Burge Payne.  
8:00 p. m.—Classical half hour.  
8:30 p. m.—Program arranged by Carolyn Haughton.  
9:00 p. m.—Al Jasper, violin; the Haskin Twins, piano and song; Don Meale, guitar; guest numbers.

**FRIDAY, NOVEMBER 2**

6:00 p. m.—Magee's Radio Shop program.  
6:30 p. m.—Smiling Eddie Marble's request hour.

**SATURDAY, NOVEMBER 3**

6:00 p. m.—Studio program.  
7:00 p. m.—Juvenile hour with the Dreamland Lady.  
8:00 p. m.—Jack and Ray's Music Box hour.

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*and the best possible reception besides . . . are  
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Ray-O-Vac No. 9303*

Ray-O-Vac Radio Batteries meet every demand of thoughtful radio owners.

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Factory: Madison, Wis.

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The essential features of these programs are identical with those sent by the stations.



TOM SEXTON

# KFSB

HARVEY T. COLLINS  
President

TOM SEXTON  
General Manager

## San Diego, Calif.—680 Kc.

500 WATTS—440.9 METERS  
"The Air Capital of the West"  
Telephone Main 8561

TUESDAY, OCTOBER 30

- 6:00 p. m.—Dinner concert program.
- 7:00 p. m.—Valencia Park program.
- 7:30 p. m.—Studio program.
- 8:30 p. m.—Southern Title & Trust program.
- 10:00 p. m.—Jimmie Kerr's Orchestra.
- 11:00 p. m.—Plata Real Orchestra.

WEDNESDAY, OCTOBER 31

- 6:00 p. m.—KFSB Concert Trio, Leonardo Brill, director.
- 7:00 p. m.—Studio program.
- 7:30 p. m.—Theosophical Concert hour.
- 8:30 p. m.—Studio program.
- 9:00 p. m.—State College hour.
- 10:00 p. m.—Hotel Del Coronado Casino Orchestra.
- 11:00 p. m.—Bob Larson's Orchestra.

THURSDAY, NOVEMBER 1

- 6:00 p. m.—Cramer's Irving Co. Trio.
- 7:00 p. m.—San Diego Police Department program.
- 8:00 p. m.—Unitarian Church program.
- 9:00 p. m.—Feature program.
- 10:00 p. m.—Jimmie Kerr's Orchestra.
- 11:00 p. m.—Plata Real Orchestra.

FRIDAY, NOVEMBER 2

- 6:00 p. m.—Motor Hdw. & Equip. hour.
- 7:00 p. m.—Theatre Music Co. hour.
- 8:30 p. m.—Studio program.
- 10:00 p. m.—Kerr's Orchestra.

SATURDAY, NOVEMBER 3

- 6:00 p. m.—San Diego Union and Tribune hour.
- 7:00 p. m.—Children's hour.
- 8:00 p. m.—Studio program.
- 9:00 p. m.—Pantages hour.
- 10:00 p. m.—Hotel Del Coronado Casino Orchestra.
- 11:00 p. m.—Plata Real Orchestra.

DAILY EXCEPT SUNDAY

- 9:00 a. m.—Morning musical.
- 10:00 a. m.—Shopping hour.
- 11:00 a. m.—Service hour.
- 12:30 p. m.—Pine organ recital, Roma Lindsay.
- 3:15 p. m.—Spreckels outdoor organ, Balboa Park.
- 4:15 p. m.—Studio program.
- 4:45 p. m.—San Diego Union and Tribune news items.
- 5:00 p. m.—Nightly musical review.

SUNDAY, OCTOBER 28

- 2:00 p. m.—International Bible Students.
- 3:00 p. m.—Theosophical Society.
- 8:30 p. m.—Hotel Del Coronado Concert Quartette, C. A. Gray.

MONDAY, OCTOBER 29

- 6:00 p. m.—Dinner concert, J. R. Townsend.
- 7:00 p. m.—Theatre Music Co. hour.
- 8:00 p. m.—Studio program.
- 9:00 p. m.—Woodmen of the World hour.
- 10:00 p. m.—American Legion Roundup.

## The Garabed

(Continued from Page 15)

"Our only other known source of power is water-power, and if we harnessed all the water-power available it would not begin to meet the requirements of the world. It's really a very serious problem. What the world needs is a new, as yet undiscovered, source of energy."

At this juncture a head protruded through the aft window, topped by an old and battered straw hat. A red bandana handkerchief draped the apparition's throat. "Hello, Sparks, are you coming down to the shop tonight?" he asked.

"Sure, Chief, I'll be down," I replied. The head grinned and withdrew.

"My word! Who is your friend?" asked the barrister.

"You have just had the honor of gazing upon the finest marine engineer on the Pacific and a few other oceans. He never wears his uniform or appears on deck during the day or early evening, never favors the dining saloon with his presence, or the social halls. But the man is a genius with engines, and,

strange as it may seem, he is at present working on an invention along the lines we have been discussing. A machine which will run without fuel,—which derives its energy from a new source,—a machine which will propel ships like this across the ocean in that day when there is no more coal or oil! I often go down to the machine shop when I am off watch at 2 o'clock in the morning, and help him with the machine-work on the contraption. He keeps it locked up and only takes out one piece at a time to work on, so that I have no idea of the thing as a whole or the theory upon which he hopes it will operate."

My friend displayed unusual interest in what I told him. He looked at me for a moment, and I could see that our talk had struck upon a subject which was of very vital interest to him. "Tell me," he asked, "have you ever heard of the Garabed?"

"No," I laughed, "what in the dickens is a Garabed?"

And thereupon the barrister from Sydney told me the following amazing story.

(Concluded in next week's issue)

## WALTER BIDDICK — Phone Westmore 9137

"A Complete Radio Program and Announcement Service"

The essential features of these programs are identical with those sent by the stations.



**AIMEE SEMPLE McPHERSON**

# KFSG Los Angeles, Calif.—1190 Kc.

500 Watts—252.0 Meters. Angelus Temple, Echo Park. Fl. 5121  
"Four Square Gospel"

**Aimee Semple McPherson**  
Founder, President  
**Roderick H. Morrison**  
Manager  
**M. E. Kennedy,**  
Technician  
**C. N. Tucker**  
Announcer  
**Ether Fricke**  
Temple Organist

**DAILY EXCEPT SUNDAY**

- 7:00 a. m.—Family Altar.
- 8:00 a. m.—Bible Study Hour (except Wednesday).
- 10:30 a. m.—Sunshine Hour.
- 11:30 a. m.—Noonday Musical, with Ether Fricke, organist (except Tuesday and Friday).

**SUNDAY, OCTOBER 28**

- 10:30 a. m.—Sunday Morning Worship, Roxie Alford.
- 2:30 p. m.—Dispensational Message.
- 6:30 p. m.—Levine Barilotti and Angelus Temple Silver Band.
- 7:00 p. m.—Musical hour, Temple Choir, Silver Band, Organ.
- 8:00 p. m.—Revival service, Rev. Hardy Mitchell.

- MONDAY, OCTOBER 29**
- 11:30 a. m.—Noonday musicals, Esther Fricke.
- TUESDAY, OCTOBER 30**
- 3:00 p. m.—Luther Plankenhorn and Goodyear Branch Church Group.
- 5:00 p. m.—Vesper hour, organ recital, Esther Fricke.
- WEDNESDAY, OCTOBER 31**
- 2:30 p. m.—Divine Healing service, Roxie Alford.
- 6:00 p. m.—Angelus Hour, organ recital, Esther Fricke.
- 7:00 p. m.—Noland Tucker and Angelus Temple Symphony Orchestra.
- 7:30 p. m.—Water Baptismal Service, Rev. Hardy Mitchell.
- THURSDAY, NOVEMBER 1**
- 3:00 p. m.—Rev. Britton and Alhambra Branch Group.
- 5:00 p. m.—Blessed Hope hour, Paul Meyers & Group.
- FRIDAY, NOVEMBER 2**
- 3:00 p. m.—Book Lover's hour.
- 5:00 p. m.—Vesper hour, organ recital, Esther Fricke.
- SATURDAY, NOVEMBER 3**
- 2:00 p. m.—Children's Happy Hour, Miss Estelle Jones.
- 6:00 p. m.—Sunday School Review.
- 7:00 p. m.—Levine Barilotti and Silver Band.
- 7:30 p. m.—Divine Healing Service, Roxie Alford.
- 9:30 p. m.—Studio program.



**JOHN A. GLASSE**  
Announcer

# KTBI Los Angeles, Calif.—1090 Kc.

750 Watts—275.1 Meters—Bible Institute of Los Angeles  
**HARRY P. HERDMAN,** Announcer. Phone ME. 6701  
**JOHN A. GLASSE,** Director of Programs  
**HOWARD C. WILSON,** Technician  
**GORDON E. HOOKER,** Accompanist

**DAILY EXCEPT SATURDAY AND SUNDAY**

- 8:00 a. m.—Uncle Fred's Biola Children's Club.
- 8:30 a. m.—Devotional hour.
- 9:00 a. m.—Studio music.
- 9:15 a. m.—Daily Bible study.

**SUNDAY, OCTOBER 28**

- 10:45 a. m.—Church of the Open Door, Dr. Morgan.
- 3:00 p. m.—Jewish service, Rev. D. L. Cooper.
- 6:00 p. m.—Studio Vesper service, Dr. R. Atkinson.
- 6:45 p. m.—Studio musical program.
- 7:15 p. m.—Church of the Open Door, Dr. Morgan.
- 9:00 p. m.—Old Hymns hour.

**MONDAY, OCTOBER 29**

- 9:45 a. m.—Home Folks Request hour.
- 10:35 a. m.—Doctrinal Lecture, Prof. Alva J. McClain.
- 11:30 a. m.—Susan Francis White and Ione Jordan.
- 12:00 noon—Noonday Chimes and Scripture reading.
- 1:00 p. m.—Agnes Bridge and Melba Sawyer.
- 1:15 p. m.—Faculty Music hour.
- 2:00 p. m.—Rev. Edgar A. Wollam, Highland Park Baptist.

- 7:00 p. m.—F. C. Richards, baritone.
- 7:30 p. m.—Selected features program.
- 8:15 p. m.—Evening School lecture.
- 9:00 p. m.—Special Concert hour.

**TUESDAY, OCTOBER 30**

- 9:45 p. m.—Selected features.
- 10:35 a. m.—Christian Philosophy, Dean MacInnis.
- 11:30 a. m.—Dr. W. E. Edmonds, Glendale Presbyterian Church.
- 12:00 noon—Noonday Chimes and Scripture reading.
- 1:00 p. m.—Winifred Kopp, contralto.

- 1:15 p. m.—King's Business Question Box, Keith L. Brooks.
- 2:00 p. m.—Rev. J. A. V. Pieters, Centinella Baptist Church.
- WEDNESDAY, OCTOBER 31**
- 9:45 a. m.—Christian Psychology, Dean MacInnis.
- 10:35 a. m.—Doctrinal Lecture, Prof. McClain.
- 11:30 a. m.—Myrtle Glendenning, violinist.
- 12:00 noon—Noonday Chimes and Scripture reading.
- 1:00 p. m.—Jack Wells and Roy Clark.
- 1:30 p. m.—Rev. Earl Webster Hancy, Presbyterian, Eagle Rock.
- 2:00 p. m.—Rev. A. V. Kimmel, Second Brethren.
- THURSDAY, NOVEMBER 1**
- 9:45 a. m.—News of Christian Work, Dr. Boyd.
- 10:35 a. m.—Christian Philosophy, Dean MacInnis.
- 11:30 a. m.—Rudolph J. Polak, pianist.
- 12:00 noon—Noonday Chimes and Scripture reading.
- 1:00 p. m.—Mary B. West, contralto.
- 1:15 p. m.—Missionary Biographies, Rev. Hunter.
- 2:00 p. m.—Dr. Isaac Ward, Bethany Presbyterian.
- FRIDAY, NOVEMBER 2**
- 9:45 a. m.—New Testament Word Studies, Prof. H. W. Kelloog.
- 10:35 a. m.—Dr. G. Campbell Morgan.
- 11:30 a. m.—Helen Elizabeth Crane, soprano.
- 12:00 noon—Noonday Chimes and Scripture reading.
- 1:00 p. m.—Hazel Shiveley and Gordon Hooker.
- 1:30 p. m.—Inspirational Message and music.
- 2:00 p. m.—Rev. K. Owen White, First Baptist, Santa Monica.
- 7:00 p. m.—International Sunday School Lesson, Rev. J. Tubbs.
- 8:00 p. m.—Dr. G. Campbell Morgan.
- 9:15 p. m.—Church Loyalty Crusade.

**WALTER BIDDICK — Phone Westmore 9137**  
"A Complete Radio Program and Announcement Service"

The essential features of these programs are identical with those sent by the stations.



CURTIS PECK

# KPO San Francisco, Calif.—710 Kc.

Phone Kearney 704

J. W. Laughlin  
Managing Director  
Mrs. Frederick Crowe  
Program Director

Curtis Peck  
Technical Director

1000 WATTB—422.3 METERS  
HALE BROTHERS AND THE CHRONICLE  
"The Voice of San Francisco"

10:30 a. m.—NBC.\*  
7:00 p. m.—Embassy Theater concert.  
8:00 p. m.—NBC.\*  
8:30 p. m.—NBC.\*  
9:00 p. m.—Kulster hour.  
10:00 p. m.—Merion Borles and the Mission Sparklers.  
10:30 p. m.—NBC.\*

## WEDNESDAY, OCTOBER 31

7:00 p. m.—Chrysler program.  
7:30 p. m.—NBC.\*  
8:00 p. m.—NBC.\*  
8:30 p. m.—NBC.\*  
9:00 p. m.—NBC.\*  
9:30 p. m.—Studio program.  
10:00 p. m.—Gordon Henderson's Palm Court Dance Band.  
11:00 p. m.—NBC.\*

## THURSDAY, NOVEMBER 1

10:00 a. m.—Ann Warner, domestic economist.  
5:30 p. m.—Evelyn Trent, in World Topics on the Air.  
7:00 p. m.—Federal Business Talks.  
7:30 p. m.—Merion Borles and the Mission Sparklers.  
8:00 p. m.—Caswell hour.  
8:30 p. m.—Nathán Abas in a violin recital.  
9:00 p. m.—Political broadcast.  
9:30 p. m.—NBC.\*  
10:30 p. m.—NBC.\*

## FRIDAY, NOVEMBER 2

12:45 p. m.—Commonwealth Club luncheon at Palace Hotel.  
7:00 p. m.—Embassy Theater concert.  
7:30 p. m.—NBC.\*  
8:00 p. m.—NBC.\*  
8:30 p. m.—Political broadcast.  
9:00 p. m.—Abas String Quartet.  
10:00 p. m.—Gordon Henderson's Palm Court Dance Band.  
11:00 p. m.—Maurice Gunsky and Merion Borles.  
11:30 p. m.—NBC.\*

## SATURDAY, NOVEMBER 3

10:00 a. m.—Ann Warner, domestic economist.  
2:00 p. m.—Play-by-play broadcast of the football game between Stanford and U. S. C. at Los Angeles, for the Associated Oil Co.  
7:00 p. m.—NBC.\*  
8:00 p. m.—NBC.\*  
9:00 p. m.—Gordon Henderson's Palm Court Dance Band.  
10:00 p. m.—NBC.\*

## DAILY EXCEPT SUNDAY

6:45 a. m.—Health and Happiness Period.  
8:00 a. m.—The Shell Happy Time.  
9:30 a. m.—Dobbs's Daily Chat.  
11:30 a. m.—Ye Town Crier.  
12:00 noon—Time signals, scripture reading, etc.  
12:00 noon—Lillian R.  
1:00 p. m.—Jerry Jernaime, for Hale Bros. (ex. Fri.).  
2:00 p. m.—House of Dreams (ex. Mon. and Sat.).  
4:30 p. m.—Ye Town Crier Service.  
5:00 p. m.—Children's Hour.  
6:30 p. m.—Reo Logue with music.

## SUNDAY, OCTOBER 28

9:45 a. m.—Church services.  
1:30 p. m.—NBC.\*  
2:15 p. m.—Play-by-play broadcast of the football games from Kezar Stadium for the Associated Oil Company.  
6:30 p. m.—KPO Symphony Orchestra.  
7:30 p. m.—Embassy Theater concert.  
8:00 p. m.—Vera Waldrop at the KPO organ.  
8:30 p. m.—Rudy Seliger and his Fairmont Hotel Concert Orchestra.  
9:00 p. m.—NBC.\*

## MONDAY, OCTOBER 29

10:00 a. m.—Art talk by Helen Gordon Barker.  
1:30 p. m.—Merion Borles and the Mission Sparklers.  
7:00 p. m.—NBC.\*  
8:00 p. m.—NBC.\*  
9:00 p. m.—The Cycle of Life, a series of programs for the Paralta Studios.  
9:30 p. m.—Republican broadcast.  
10:00 p. m.—KPO's Variety hour, featuring KPO's popular entertainers.

## TUESDAY, OCTOBER 29

10:00 a. m.—Activity conducted by Ann Warner, domestic economist.

# KLX

P. D. Allen, Manager

# Oakland, Calif.—590 Kc.

Tel. Lakeside 6000. 13th and Franklin  
13th and Franklin Charles Lloyd, Program Director

## DAILY EXCEPT SUNDAY

7:00 a. m.—Exercises.  
10:30 a. m.—Martha Lee Home Economic Hour (except Saturday).  
11:00 a. m.—Jean's Hi-Lights.  
12:00 noon—Standard time by Tribune siren.  
12:00 noon—George Otto's Twailans.  
1:00 p. m.—Jean's Hi-Lights.  
2:00 p. m.—Jackson Recordings.  
4:00 p. m.—Charles T. Bessner on Scottish Rite organ (except Monday and Saturday).  
5:50 p. m.—Curtain Calls (except Saturday).  
6:00 p. m.—Hotel Oakland Concert Trio.  
6:30 p. m.—Bagdadians.  
7:00 p. m.—News broadcast.  
7:30 p. m.—Bagdadians (except Monday).  
Time Signals throughout the day by courtesy of Al-berta Candy Co.

## SUNDAY, OCTOBER 28

5:00 p. m.—Chas. T. Bessner on Scottish Rite organ, broadcast by remote control from new Scottish Rite Temple.

## MONDAY, OCTOBER 29

2:30 p. m.—Opportunity hour.  
5:00 p. m.—Ambassador Laundry Co. program.  
5:30 p. m.—Brother Bob's Club.  
6:30 p. m.—Pianist, tenor, accordianist, soprano.  
9:00 p. m.—George Otto's Hawaiians.

10:00 p. m.—Elastus and Professor I-Know-It, by courtesy of Joseph Franklin, home builder.

## TUESDAY, OCTOBER 30

5:00 p. m.—Brother Bob's Club.  
8:00 p. m.—Studio program.  
9:00 p. m.—Popular song hits.

## WEDNESDAY, OCTOBER 31

2:30 p. m.—The Refrainers, by courtesy of San Francisco Concert Bureau.  
5:00 p. m.—Brother Bob's Club.  
8:00 p. m.—Educational program.  
9:00 p. m.—Pianist, cellist, tenor and contralto.

## THURSDAY, NOVEMBER 1

5:00 p. m.—Brother Bob's Club.  
8:00 p. m.—Pianist, mezzo-soprano, tenor.  
9:00 p. m.—Studio program.

## FRIDAY, NOVEMBER 2

5:00 p. m.—Elastus and Professor I-Know-It, by courtesy of Pacific Paint and Varnish Co.  
5:30 p. m.—Brother Bob's Club.  
8:00 p. m.—Piano recital by Helen Wegman Parmelee.  
8:30 p. m.—David McAdam, tenor.  
9:00 p. m.—Dance program, broadcast by remote control from Athens Athletic Club.

## SATURDAY, NOVEMBER 3

2:30 p. m.—Football broadcast.  
5:30 p. m.—Curtain Calls.  
8:00 p. m.—The Refrainers, presented by San Francisco Concert Bureau.

The essential features of these programs are identical with those sent by the stations.



**HOWARD MILHOLLAND**  
Announcer

# KGO Oakland, California—780 Kc.

5000 WATTS—384 METERS  
PACIFIC COAST STATION, GENERAL ELECTRIC CO.  
Phone Fruitvale 5988  
557 Hotel St. Francis

**DAILY EXCEPT SUNDAY**

- 9:30 a. m.—California Home Life.
- 11:30 a. m.—Rest Hour, conducted by B. B.
- 12:00 noon—Luncheon Concert.
- 12:00 noon, 5:00 p. m. and 10:00 p. m.—Telephone Time.
- 12:30 and 1:00 p. m.—Stock and weather reports.
- 4:00 p. m.—Hotel St. Francis Dance Orchestra (except Monday).
- 5:30 p. m.—San Francisco and New York Stocks (except Wednesday and Saturday).
- 6:30 p. m.—Druggists' Radio Club (except Monday, Friday and Saturday).
- 8:00 p. m.—Sessions Westminster Chimes.
- 9:00 p. m.—Time signals.

- 5:30 p. m.—Sport Review, Al Santoro.
- 6:00 p. m.—The Strolling Troubadour, Mildred Dolge, pianist.
- 7:30 p. m.—Political broadcast, NBC.\*
- 8:00 p. m.—Remar program.
- 8:30 p. m.—NBC.\*
- 9:30 p. m.—Concert program.
- 10:00 p. m.—NBC.\*

**THURSDAY, NOVEMBER 1**

- 11:00 a. m.—NBC.\*
- 5:00 p. m.—Tom King detective stories.
- 6:00 p. m.—NBC political broadcast.
- 7:30 p. m.—Standard Oil Co.
- 8:30 p. m.—NBC

**FRIDAY, NOVEMBER 2**

- 10:30 a. m.—NBC.\*
- 11:00 a. m.—Myron Mills, baritone.
- 11:10 a. m.—Elmer Martin, "Home Economics."
- 5:30 p. m.—NBC.\*
- 7:00 p. m.—Druggists' Radio Club.
- 7:30 p. m.—NBC System political broadcast.
- 8:00 p. m.—General Independent.
- 8:30 p. m.—Drama hour, featuring the KGO Players; music, Rembrandt Trio.
- 9:30 p. m.—"Moon Magic."
- 10:00 p. m.—Western Artist Series concert: Ula Howard Numan, concert pianist; Mary Groom, contralto; Maynard Jones, basso.

**SATURDAY, NOVEMBER 3**

- 5:00 p. m.—Herb Rosine's Orchestra.
- 5:30 p. m.—Market reports; news and baseball.
- 7:00 p. m.—NBC.\*

\*See Page 56 for detailed program of National Broadcasting Company.



**TORRES WEIR**  
Announcer

# KFWI San Francisco—1120 Kc.

500 WATTS—268 METERS  
Radio Entertainments, Inc., 1182 Market Street  
Telephone Market 1140

- 9:00 p. m.—Semi-classical program.
- 10:00 p. m.—Dance music.

**MONDAY, OCTOBER 29**

- 10:30 a. m.—"The Dragon."
- 6:30 p. m.—Jean Sterling, mezzo soprano; Anne Roberts, pianist.
- 7:15 p. m.—Better Business Bureau of S. F. Advertising Club.
- 9:00 p. m.—May Joseph-Kinead's Dramatic Players.
- 9:30 p. m.—Studio program, dance music.
- 6:00 p. m.—Bud Horan, baritone; Grace Horn, pianist.
- 6:30 p. m.—Art Schwartz, singer of popular songs.

**TUESDAY, OCTOBER 30**

- 7:30 p. m.—Hank Blank.
  - 9:00 p. m.—Hallowe'en Surprise reception.
- WEDNESDAY, OCTOBER 31**
- 1:30 p. m.—Cal King's Country Store.
  - 6:00 p. m.—Cecil James, baritone; Grace Horan, piano
  - 6:30 p. m.—Thelma Hall, soprano, and Grace Horan.
  - 7:15 p. m.—S. F. Chamber of Commerce.
  - 9:00 p. m.—Dance music.
  - 12:00 midnight—Glen and Well, the Life of the Party.

**THURSDAY, NOVEMBER 1**

- 9:00 p. m.—Carl Tobin, tenor; Grace Horan, pianist.
- FRIDAY, NOVEMBER 2**
- 6:00 p. m.—Irene Smith, soprano, and associate artists.
  - 7:15 p. m.—Tommy Thompson's Aviation talk.
  - 7:30 p. m.—Hank Blank.
  - 9:30 p. m.—Andy and Jimmy, Harmony Team, and Dennis Lucey, pianist.

**SATURDAY, NOVEMBER 3**

- 9:00 p. m.—Dance music.

**Chas. L. Peck**  
General Manager  
**Mildred L. Schneider**  
Program Director

**DAILY EXCEPT SUNDAY**

- 7:30 a. m.—Health Exercises by Cal King.
  - 8:30 a. m.—Musical Breakfast program.
  - 9:00 a. m.—Cal King's Country Store (ex. Mon.).
  - 9:30 a. m.—Charlie Glenn; News in Rhyme and Songs of Yesteryear.
  - 10:00 a. m.—Musical program, weather forecast.
  - 10:27 a. m.—Weather forecast.
  - 12:00 noon—60 minutes with Glen and Well.
  - 1:00 p. m.—Country Store (ex. Wed. and Sat.).
  - 5:00 p. m.—Brunswick "New Hall of Fame" concert (except Tues. and Sat.).
  - 5:30 p. m.—Dinner Hour program (ex. Tues. & Sat.).
  - 7:30 p. m.—Sports Review by Sport Editor of S. F. Bulletin.
  - 8:00 p. m.—Studio program.
  - 10:00 p. m.—Police Report of Missing People (except Tuesday).
  - 10:03 p. m.—Dance music (ex. Tues.).
- SUNDAY, OCTOBER 28**
- 7:50 p. m.—First Church of Christ, Scientist.

The essential features of these programs are identical with those sent by the stations.



"MAC"

# KFRC San Francisco, Calif.—660 Kc.

Owned and Operated by Don Lee, Cal. Dist. for Cadillac & LaSalle  
1000 WATTS—454.3 METERS  
1000 Van Ness. Telephone Prospect 100  
"Keep Forever Radiating Cheer"

**Harrison Holloway**  
Manager  
**Helen O'Neill**  
Program Director  
**Frank Moss**  
Musical Director  
**Alan N. Cormack**  
Engineer

3:00 p. m.—Matinee Concert Orchestra.  
4:00 p. m.—"Careers for Women," direction of Matilda Rosenfeld.  
4:15 p. m.—Western Air Express Aviation Talk.  
5:30 p. m.—Talk by Sec. of State, Frank B. Kellogg.  
6:30 p. m.—"Bobs" noted sports authority.  
7:00 p. m.—Maytag Quartette and Art Fadden.  
7:30 p. m.—White Crow Entertainers.  
8:00 p. m.—"Sweetheart Hour."  
9:00 p. m.—Danish Singers.  
10:00 p. m.—Rosch Revue.

## DAILY EXCEPT SUNDAY

7:00 a. m.—Simpzy Fitts, courtesy Airtex Mattress Mfrs.  
8:00 a. m.—Musical records program (ex. Mon., Thur.).  
9:00 a. m.—Georgia O. George (except Saturday).  
10:00 a. m.—Wyn's Daily Chat.  
11:50 a. m.—Amateur Tryouts (except Saturday).  
12:00 noon—Sherman Clay concert.  
1:00 p. m.—San Francisco Symphony Orch. recordings.  
2:00 p. m.—Matinee Concert, courtesy of Pacific Radio Trades (except Saturday).  
3:00 p. m.—Matinee Orch Concert (ex. Tues., Thurs.).  
4:30 p. m.—Organ recital by Theo. Strong (ex. Sat.).  
5:15 p. m.—San Francisco Call, news items.  
5:30 p. m.—Mac and his Gang.  
6:20 p. m.—Town Topics.  
6:30 p. m.—Embassy Theatre prog. (ex. Tues., Fri.).  
10:00 p. m.—Amos 'n' Andy.  
10:10 p. m.—Dance music.

## SUNDAY, OCTOBER 28

9:00 a. m.—KFRC Radio Fellowship Church.  
10:00 a. m.—"Home Sweet Home" Concert.  
12:00 noon—Paulist Fathers' Old St. Mary's Church.  
1:15 p. m.—The Sunday Recital.  
3:15 p. m.—Art Fadden, "the pianist with a personality."  
4:00 p. m.—Leigh Harline, organist, and Marie Wallman, soprano.  
5:30 p. m.—Inspirational talk.  
6:00 p. m.—Majestic Radio Hour, featuring Moran and Mack, "The Two Black Crows," and Arnold Johnson's orchestra, by Columbia Broadcasting System from New York City.  
7:00 p. m.—Charles Buloffi, tenor; Juanita Tennyson, KFRC Concert Orchestra.  
8:00 p. m.—"Pop" Concert with Edna Fischer, pianist.  
9:00 p. m.—Robert Olsen, song recital.  
9:30 p. m.—Tom Gerunovich and his Roof Garden Orch.  
10:00 p. m.—Amos 'n' Andy.  
10:10 p. m.—Tom Gerunovich and his Roof Garden Orch.  
11:10 p. m.—El Patio Dance Orchestra.

## MONDAY, OCTOBER 29

8:00 a. m.—Charles Brown music program.  
11:00 a. m.—Mary Lewis Haines Domestic Science Talk.  
4:00 p. m.—"Careers for Women," direction of Matilda Rosenfeld.  
4:15 p. m.—Talk by Physician from University of California Medical Department, directed by Dr. H. M. F. Behneman.  
7:00 p. m.—Myrrhol Mirthful Melody, conducted by Simpzy Fitts.  
7:30 p. m.—Studio Program.  
8:00 p. m.—"Blue Monday Jamboree."

## TUESDAY, OCTOBER 30

10:30 a. m.—Tom Brenneman of Straska Laboratories.  
11:00 a. m.—Child Diet.

## WEDNESDAY, OCTOBER 31

11:00 a. m.—Mary Lewis Haines Domestic Science Talk.  
4:00 p. m.—Talk by Mary Shannon Harrington on Child Welfare.  
4:20 p. m.—Fan Fare by Fred Johnson of the Call.  
7:15 p. m.—Republican National Committee Talk.  
7:30 p. m.—Tome Brenneman of Straska Laboratories.  
8:00 p. m.—Mary Pasmore Violin Recital.  
8:30 p. m.—Song Recital by Robert Olsen.  
9:00 p. m.—Western Motors Program.

## THURSDAY, NOVEMBER 1

8:00 a. m.—Charles Brown Music Program.  
11:00 a. m.—Tome Brenneman of Straska Laboratories.  
11:30 a. m.—Madame Marie.  
4:00 p. m.—"The Observer" about new books and current topics.  
5:30 p. m.—I-II Club Crier.  
6:10 p. m.—Madame Marie.  
6:20 p. m.—Town Topics.  
7:00 p. m.—Cecilians.  
7:30 p. m.—Myrrhol Mirth and Melody.  
8:00 p. m.—Concert Orchestra, Harry McKnight, Bob z and his zither.  
9:00 p. m.—"Tea Time Three."  
9:30 p. m.—Tom Brenneman of Straska Laboratories.  
11:10 p. m.—Midnight Concert by the KFRC Orchestra, directed by Frank Moss.

## FRIDAY, NOVEMBER 2

11:00 a. m.—"Hints to Home Makers," by Aunt Martha.  
4:00 p. m.—Garden Talk by F. W. Davis.  
6:30 p. m.—Pat Frayne, Sports Editor of the Call.  
7:00 p. m.—Hot 'n' Kold Shops Program.  
7:30 p. m.—Tom Brenneman of Straska Laboratories.  
8:00 p. m.—"Great Ladies."  
8:30 p. m.—Shasta Foursome and the Sparklers.  
9:00 p. m.—Cadillac-LaSalle Orchestra, Juanita Tennyson, soloist.

## SATURDAY, NOVEMBER 3

8:30 p. m.—Bear Photo Service Program.  
10:00 a. m.—Studio Program.  
11:00 a. m.—Amateur auditions.  
11:45 a. m.—Announcements of Sunday Ch. Services.  
1:15 p. m.—U. S. Department of Agriculture Farm Flashes.  
4:00 p. m.—Art Talk.  
4:30 p. m.—Studio Program.  
7:30 p. m.—White Cross Entertainers.  
8:00 p. m.—KFRC Concert Orchestra and Strollers.  
8:15 p. m.—"Hobbies of Prominent Men."  
8:30 p. m.—KFRC Concert Orchestra.  
9:00 p. m.—Hotel Mark Hopkins' Orchestra.  
11:10 p. m.—Organ Program by Leigh Harline.

**BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 7406 Melrose Avenue. OREGON 7402.**

**KOLSTER STEWART WARNER**

The Latest Dynamic Speakers and Power Amplifiers  
The Finest Service in Los Angeles

**CRENSHAW RADIO SHOP**

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"The Logical Place to Buy"

2543 Crenshaw Blvd., at Adams

The essential features of these programs are identical with those sent by the stations.



**RUSSELL SHERWOOD**  
Program Director

# KYA

## San Francisco, Calif.—850 Kc.

"At the Golden Gate"  
1000 WATTS—352.7 METERS

Headquarters at Loew's Warfield Bldg.

CLAIR MORRISON, Manager RUSSELL SHERWOOD, Prog. Dir.  
DAILY EXCEPT SUNDAY

- 8:00 a. m.—"The KYA Morning Glories," with music and songs.
- 9:00 a. m.—Sally Cooke, the "Better Home Girl of KYA."
- 10:30 a. m.—Musical program (except Tuesday and Friday).
- 11:30 a. m.—"California Sunshine Hour."
- 12:00 noon—News items direct from the Editorial Rooms of the Examiner (except Monday and Thursday).
- 12:15 p. m.—Musical program (except Tuesday).
- 3:00 p. m.—Bridge party.
- 4:00 p. m.—Classical program.
- 5:00 p. m.—Who's Who Program.
- 6:00 p. m.—News from the Examiner.
- 6:15 p. m.—The Golden Gate Crier (except Monday).
- 9:00 p. m.—Elsaine Goering Time Signal.
- 10:00 p. m.—Tavannes Time Signal.
- 10:00 p. m.—Dance Orchestra (except Saturday).

### SUNDAY, OCTOBER 28

- 10:00 a. m.—Miles Overholt, portraying the Examiner Comic Strip.
- 11:15 a. m.—Temple Methodist Church.
- 2:15 p. m.—Santa Clara vs. St. Ignatius football broadcast.
- 7:00 p. m.—Dr. Fredrick L. Clampett, feature writer.
- 7:45 p. m.—Temple Methodist Church.

### MONDAY, OCTOBER 29

- 7:00 p. m.—Democratic Committee broadcast over KYA and KPFA.
- 7:30 p. m.—Royal Order of Optimistic Donuts.
- 9:00 p. m.—Studio program.
- 9:30 p. m.—Program presented by Dr. Buren L. Corley.

### TUESDAY, OCTOBER 30

- 10:00 a. m.—Bell Laboratory program with Mary Elliot.
- 10:15 a. m.—Recorded musical program.
- 10:30 a. m.—Dr. Buren L. Corley.
- 12:15 p. m.—Tuesday Noon Club.
- 2:00 p. m.—Babette, Fashion authority of Examiner.
- 7:00 p. m.—Democratic Committee broadcast over KYA and KPFA.
- 7:30 p. m.—Merchants Broadcasting Association prog.
- 8:30 p. m.—West Coast Theater Frolic.
- 9:00 p. m.—Variety hour with John Patrick.

### WEDNESDAY, OCTOBER 31

- 11:40 a. m.—Dr. Julian R. Brandon.
- 2:00 p. m.—Dr. Buren L. Corley.
- 7:00 p. m.—Democratic Committee program over KYA and KPFA.

### THURSDAY, NOVEMBER 1

- 7:30 p. m.—Studio program.
- 8:00 p. m.—Address of Senator Robinson.
- 10:45 a. m.—Prudence Penny.
- 11:40 a. m.—Dr. Julian R. Brandon.
- 2:00 p. m.—Dr. Buren L. Corley.
- 7:00 p. m.—Democratic Committee broadcast over KYA and KPFA.
- 7:30 p. m.—Annette Thompson, Tom McKenna.
- 8:00 p. m.—Studio program.
- 9:00 p. m.—Dr. Fredrick L. Clampett of Examiner.
- 9:20 p. m.—George Hepburn, Bessie Best.

### FRIDAY, NOVEMBER 2

- 10:00 a. m.—Bell Laboratory program with Mary Elliot.
- 10:30 a. m.—Dr. Buren L. Corley.
- 7:00 p. m.—Democratic Committee broadcast over KYA and KPFA.
- 8:00 p. m.—Edith Walker, LeRoy Clovis and others.
- 9:00 p. m.—Metro Trio Hour: Fred Rounds, tenor.

### SATURDAY, NOVEMBER 3

- 10:30 a. m.—Dr. Buren L. Corley.
- 7:00 p. m.—Democratic Committee broadcast over KYA and KPFA.
- 7:30 p. m.—Billy Leonard and Mary Elliot in "Thirty Minutes of Nothing Too Serious."
- 8:00 p. m.—Old Timers Hour with Ed Howlett, Marian Thompson, Rudy Ferler, Dorothy and Kay.
- 9:00 p. m.—Variety Hour with Billy Leonard.
- 10:00 p. m.—Radio Bug Frolic with Billy Sherwood at the "Mike," and a Revue of KYA Artists.



**IRVING KRICK**

# KTAB

## Oakland, Calif.—1070 Kc.

500 WATTS—280.2 METERS

Knowledge, Truth and Beauty

Official Pickwick Stages Station

Owned and Operated by the Pickwick Broadcasting Corp.

MEL LE MON, Manager

ADA MORGAN O'BRIEN, Program Director

IRVING KRICK, Announcer

Tenth Avenue Baptist Church, 1410 Tenth Ave.

Telephone Merritt 0246

DAILY EXCEPT SUNDAY

- 9:00 a. m.—Hour of Prayer.
- 9:30 a. m.—Recordings (except Tuesday).
- 11:00 a. m.—"Puss" Donahoo and his Joy Hour (except Saturday).
- 12:00 noon.—Recordings (except Saturday).
- 12:30 p. m.—Organ Recital, Esta Marvin Pomeroy.
- 5:30 p. m.—Recordings.

- 6:00 p. m.—Twilight Hour.
- 6:30 p. m.—Dinner Hour Concert.
- 7:30 p. m.—Recordings.
- 10:00 p. m.—Pickwick Serenaders.
- 12:00 p. m.—The Night Owl.

### SUNDAY, OCTOBER 28

- 11:00 a. m.—Church Service.
- 1:00 p. m.—The Eastman Hour; Cecillian Trio.
- 2:00 p. m.—Piano Recital, Charles Thode.
- 2:30 p. m.—Symphony Recordings.
- 3:30 p. m.—Organ Recital.
- 4:00 p. m.—Symphony Recordings.
- 5:00 p. m.—Alice Guthrie Poyner, violinist.
- 6:00 p. m.—Majestic Radio Hour by the Columbia Chain featuring "The Two Black Crows."
- 7:00 p. m.—Symphony Recordings.
- 7:30 p. m.—Services 10th Ave. Baptist Church, Oakland.

### MONDAY, OCTOBER 29

- 12:00 noon.—Recordings.
- 3:30 p. m.—The Ten Hour, Elysian Trio
- 8:00 p. m.—Prof. Linsley of Mills College.
- 8:30 p. m.—Elysian Trio.

### TUESDAY, OCTOBER 30

- 9:30 a. m.—Dr. J. Douglas Thompson, D. C.
- 10:00 a. m.—Bettina Angelo.

- 6:30 p. m.—States Restaurant Dinner Concert.
- 7:30 p. m.—Recordings.
- 8:00 p. m.—Pickwick Pals.
- 8:30 p. m.—Early American to Modern European music.
- 9:30 p. m.—William Benner, violinist, from San Diego Philharmonic; Kathryn Woolf, accompanist.

### WEDNESDAY, OCTOBER 31

- 7:30 p. m.—Recordings.
- 8:00 p. m.—KTAB Players.
- 9:00 p. m.—Whispering Tenor: Irving Krick, Pianist.
- 9:15 p. m.—Jones Family at Home on Halloween.
- 9:45 p. m.—Fifteen Minutes in Spookland, by "O. B."

### THURSDAY, NOVEMBER 1

- 9:30 a. m.—Dr. J. Douglas Thompson, D. C.
- 8:00 p. m.—Program. Latter Day Saints.
- 8:30 p. m.—Happy Chappies.
- 9:00 p. m.—Elysian Trio

### FRIDAY, NOVEMBER 2

- 8:00 p. m.—Matson Steamer Malolo Orchestra.
- 9:00 p. m.—Dan O'Brien, Chief of Police.

### SATURDAY, NOVEMBER 3

- 10:30 a. m.—Tri-Ads Hour, "Have You Heard?"
- 8:00 p. m.—Happy Chappies.
- 8:30 p. m.—Swedish Singers, Alexander Olsen.
- 9:30 p. m.—Hour of Pal Songs, Jack Burt, baritone.



The essential features of these programs are identical with those sent by the stations



JOHN H. BARNET

# KEX

## Portland, Oregon—1080 Kc.

2500 WATTS—277.6 METERS  
Owned by American Broadcasting Company  
Terminal Sales Building

John H. Barnet  
Program Director

Harry D. Proctor  
Commercial Manager

### DAILY EXCEPT SUNDAY

- 6:45 a. m.—Vim and Vigor and Vitality.  
7:45 a. m.—With the morning coffee.  
8:00 a. m.—Morning Cheer concert.  
9:00 a. m., 12 noon, 5 p. m. and 10 p. m.—Western Union time.  
9:30 a. m.—Better Homes hour; Joe Sherman, banjoist.  
10:00 a. m.—Morning Instructional service.  
10:15 a. m.—Morning Shopping Guide.  
11:55 a. m.—Newscasting, weather, etc.  
12:00 noon—Luncheon Concert.  
1:00 p. m.—"Songs You Ought to Know," Alice Prindle and Thelma Lee.  
1:30 p. m.—KEX Little Symphony (except Monday).  
2:30 p. m.—Song Recital (except Monday).  
4:00 p. m.—Concert Ensemble (except Monday).  
5:00 p. m.—KEX Little Symphony Orch. (ex. Mon.).  
6:00 p. m.—Santa Claus program.  
8:30 p. m.—KEX Utility Hour (except Wednesday).  
7:00 p. m.—Dinner Dance concert (except Monday).  
10:00 p. m.—Dance Frolic; Department of Agriculture reports; weather reports.

### SUNDAY, OCTOBER 28

- 1:00 p. m.—KEX Little Symphony concert.  
2:00 p. m.—Songs You Ought to Know, Sargent Patterson, baritone; Arthur Johnson, tenor.  
2:30 p. m.—KEX Symphony Orchestra.  
3:30 p. m.—Song recital; Alice Prindle, contralto.  
4:00 p. m.—Afternoon musicale, KEX Little Symphony.  
5:00 p. m.—The Cathedral hour; ABC Network.  
6:00 p. m.—Majestic hour; Columbia Network concert.

- 7:00 p. m.—Nevilly hour; ABC Network.  
8:00 p. m.—American Salon Orchestra; ABC Network.  
10:00 p. m.—Weather and police reports

### MONDAY, OCTOBER 29

- 1:30 p. m.—College news; Freddy Kershaw, pianist.  
4:00 p. m.—Getting Acquainted Over the Air.  
5:30 p. m.—Bridge concert; KEX Ensemble.  
6:30 p. m.—KEX Utility hour; Sargent Patterson, baritone.  
7:00 p. m.—Political speeches.  
8:00 p. m.—Candy Fantasies; Vogan Candy Corporation.  
8:30 p. m.—Triad Chorus.  
9:00 p. m.—American Salon Orchestra concert; ABC Network.

### TUESDAY, OCTOBER 30

- 1:30 p. m.—KEX Little Symphony concert.  
3:00 p. m.—KEX Little Symphony concert.  
8:00 p. m.—Concert, Arthur Johnson, tenor.  
8:15 p. m.—L. H. Curtis concert.  
8:30 p. m.—Merry Maytag Ramblers.  
9:00 p. m.—American Salon Orchestra concert; ABC Network.

### WEDNESDAY, OCTOBER 31

- 5:00 p. m.—Afternoon musicale; KEX Little Symphony.  
8:00 p. m.—American Salon Orchestra concert; ABC Network.

### THURSDAY, NOVEMBER 1

- 8:00 p. m.—Catholic Truth Society.  
8:15 p. m.—Clyde Thompson, the Storyteller.  
8:30 p. m.—Western Light Opera Company.  
9:00 p. m.—American Salon Orchestra concert; ABC Network.

### FRIDAY, NOVEMBER 2

- 8:00 p. m.—Bosch East Side Magnetic program.  
8:15 p. m.—Sports Review; Jimmy Richardson.  
8:30 p. m.—O. M. Plummer, General Manager of Pacific International Livestock Exposition.  
9:00 p. m.—Camlin Hotel concert; ABC Network.

### SATURDAY, NOVEMBER 3

- 1:30 p. m.—Football game.  
8:00 p. m.—Musical Comedy Review; Western Light Opera Company.  
9:00 p. m.—Better Citizenship program.  
9:30 p. m.—Dance Frolic.



F. M. B.  
Annoncer

# KGEN

## El Centro, Calif. — 1330 Kc.

The Imperial Valley Station  
225.4 METERS

Owned and Operated by  
E. R. IREY and F. M. BOWLES

Musical Director, D. R. Deebie  
Adv. Mgr., T. J. Afterbaugh  
Chamber of Commerce Bldg., Phone 1100 or 47  
E. R. IreY, Technician

- 7:00 p. m.—Hits of the day; request program.  
7:30 p. m.—Challenge program; L. V. Milk Producers Assn., Holtville.  
8:00 p. m.—Old Timers request hour.  
9:00 p. m.—John Deere Co. (dealers).  
9:30 p. m.—Marsh Dry Cleaners.

### WEDNESDAY, OCTOBER 31

- Wednesday silent.  
THURSDAY, NOVEMBER 1  
8:00 p. m.—Twilight Concert program.  
6:30 p. m.—Piggly Wiggly—All Over the World.  
7:00 p. m.—Mona Motor Oil Hour; Edgar Bros. Co.  
8:00 p. m.—Variety request program.  
9:00 p. m.—Valley Lumber Co. program.  
9:30 p. m.—The Quality program, Quality Dairy.

### FRIDAY, NOVEMBER 2

- 6:00 p. m.—Sunset Glow, Lullaby selections.  
7:00 p. m.—Holtville Natatorium and Dance Pavilion.  
7:30 p. m.—John Deere Co. (dealers).  
8:00 p. m.—Around the World by Ear.  
9:00 p. m.—The Blue and Gold hour, Richfield Oil Co.  
10:00 p. m.—Hotel Aldrete and Just Inn, Spanish-Mexican hour.

### SATURDAY, NOVEMBER 3

- 12:00 noon—Riddles' Hour.  
6:00 p. m.—Around the World by Ear.  
7:00 p. m.—Barbara Worth Garage, El Centro.  
8:00 p. m.—Musical request hour.  
9:00 p. m.—Variety program, request.  
9:30 p. m.—Erawler Body Works program.

### DAILY EXCEPT SUNDAY

- 11:00 a. m.—Smile and Relax Hour.  
12:00 noon—Request program.  
SUNDAY, OCTOBER 28  
12:30 p. m.—Concert hour.  
1:30 p. m.—One Hundred Request program.  
6:00 p. m.—Just a Song at Twilight.  
7:00 p. m.—Popular request selections.  
8:00 p. m.—Around the World.  
MONDAY, OCTOBER 29  
12:30 p. m.—Balard Auto Repair Shop, Brawley, Calif.  
6:00 p. m.—Pacific Land & Cattle Co., Imperial, Calif.  
7:00 p. m.—Adams Bros. Cleaners, Brawley.  
7:30 p. m.—Coleman Furniture Co., Brawley.  
8:00 p. m.—Around the World by Ear.  
9:00 p. m.—Triple A Artesian Water Co., El Centro, Brawley, Yuma.  
9:30 p. m.—Hotel Aldrete and Just Inn, Mexicali, Mex.  
TUESDAY, OCTOBER 30  
12:30 p. m.—Piggly Wiggly program.  
6:00 p. m.—Old Time Request selections.

The essential features of these programs are identical with those sent by the stations.



# KGW Portland, Oregon—610 Kc.

1000 WATTS—491.5 METERS  
THE MORNING OREGONIAN  
"Keep Growing Wiser"  
DAILY EXCEPT SUNDAY

10:00 a. m.—Town Crier, weather reports, news items.  
12:00 noon—Luncheon Concert.  
6:00 p. m.—Dinner Concert (except Friday).  
6:00 p. m.—Dinner Concert (except Tuesday, Wednesday, Friday).

9:00 p. m.—Schwabacher studio program, KOMO.  
10:00 p. m.—Dance Frolic from KOMO.  
**WEDNESDAY, OCTOBER 31**  
7:15 a. m.—Y. M. C. A. Health Exercises.  
11:00 a. m.—"Woman's Magazine of the Air," NBC.  
11:30 a. m.—The Town Crier.  
5:00 p. m.—French Lesson by Mile. Radka Ivanakova.  
5:30 p. m.—Movie Club.  
6:50 p. m.—Tax Talk from KOMO.  
7:00 p. m.—Studio program.  
7:30 p. m.—NBC.\*  
8:00 p. m.—Pyrol Half Hour.  
8:30 p. m.—NBC.\*  
**THURSDAY, NOVEMBER 1**  
11:00 a. m.—Standard Oil Co. program.  
5:00 p. m.—NBC.\*  
6:30 p. m.—Dinner Concert.  
7:00 p. m.—"Herbert's Bean Brunnels."  
7:15 p. m.—Tommy Luke's Flower Girls.  
7:30 p. m.—NBC.\*  
10:00 p. m.—"Sleepy Time" program.  
11:00 p. m.—Dance Frolic.  
**FRIDAY, NOVEMBER 2**  
7:15 a. m.—YMCA Health Exercises.  
10:30 a. m.—NBC.\*  
11:00 a. m.—Continuation of the town crier.  
5:30 p. m.—NBC.\*  
5:50 p. m.—NBC.\*  
7:00 p. m.—"Half Hour of Happiness."  
7:30 p. m.—NBC.\*  
8:00 p. m.—General Petroleum.  
9:00 p. m.—Red and White Jesters.  
9:30 p. m.—NBC.\*  
10:30 p. m.—Frolic of the Keep Growing Wiser of der of Root Owls.  
**SATURDAY, NOVEMBER 3**  
12:00 noon—Luncheon Concert.  
7:00 p. m.—Lucky Strike Hour, NBC.\*  
8:00 p. m.—NBC.\*  
9:00 p. m.—NBC.\*  
10:00 p. m.—NBC.\*

**STEPHEN I. GAYLORD**

**SUNDAY, OCTOBER 28**

11:00 a. m.—Service from the St. Stephens Pro-Cathedral.  
1:30 p. m.—NBC.\*  
2:00 p. m.—Studio Concert.  
3:00 p. m.—NBC.\*  
4:30 p. m.—NBC.\*  
5:00 p. m.—Talk on Modern Science.  
5:15 p. m.—Studio Hour.  
6:30 p. m.—Studio Concert.  
8:00 p. m.—Studio Concert, presented by Blumauer-Frank Drug Company.  
9:00 p. m.—NBC.\*  
9:30 p. m.—Franz Fantasies.  
10:00 p. m.—Little Symphony Orchestra.  
**MONDAY, OCTOBER 29**  
7:15 a. m.—Y. M. C. A. Health Exercises.  
6:00 p. m.—Concert Trio.  
6:15 p. m.—Talk by Mayor Baker on "Portland's Problems."  
8:30 p. m.—Concert Trio.  
8:45 p. m.—Hook Chat by Richard G. Montgomery.  
7:00 p. m.—NBC.\*  
9:00 p. m.—Mueller Concert.  
9:30 p. m.—Studio program.  
10:00 p. m.—Ben Selling's Boys and Collegiates.  
**TUESDAY, OCTOBER 30**  
10:30 a. m.—NBC.\*  
11:30 a. m.—Town Crier.  
6:00 p. m.—NBC.\*  
6:30 p. m.—Music.  
7:00 p. m.—Sealy Sam.  
7:30 p. m.—Four Davidson Bakers.  
8:00 p. m.—NBC.\*

\*See Page 56 for detailed program of National Broadcasting Company.



**DOLPH THOMAS**  
Announcer

# KOIN Portland, Oregon—940 Kc.

1000 WATTS—319 METERS  
Studios: New Heathman Hotel  
Broadway at Salmon St.

**C. H. Watson**  
Station Engineer

**Dolph Thomas**  
Studio Director and  
Chief Announcer

**Tom Clarke**  
Junior Announcer

**DAILY EXCEPT SUNDAY**

9:40 a. m.—Housekeepers' Chat; Ruth Adamson.  
10:00 a. m.—Town Topics, music; Velva Weller.  
11:15 a. m.—Louise Palmer Webber, Dietician.  
11:30 a. m.—U. S. Dept. of Agriculture feature.  
11:45 a. m.—Weather Report; Correct Time.  
12:00 noon—Luncheon Concert, Heathman Hotel Organ.  
3:00 p. m.—Portland News Matinee.  
5:15 p. m.—Portland News Topay Turry Time.  
6:00 p. m.—Parker Realty Co. Organ Concert.  
6:30 p. m.—Druggist hour.  
7:30 p. m.—Benson Hotel Concert Orch. (ex. Mon.).  
**SUNDAY, OCTOBER 28**  
12:30 p. m.—Portland Theater organ, Iris Wilkins.  
1:30 p. m.—Four Square Gospel Lighthouse service.  
6:00 p. m.—Parker Realty Co. organ concert.  
6:30 p. m.—Dinner concert on Heathman Hotel pipe organ.

7:00 p. m.—The Benson Hotel Orchestra.  
8:00 p. m.—First Church of Christ, Scientist.  
9:00 p. m.—Musical comedy hour.  
**MONDAY, OCTOBER 29**  
8:00 p. m.—Studio program.  
9:00 p. m.—Regum Twins.  
9:30 p. m.—Studio program.  
10:00 p. m.—Cole McElroy's Oregonians.

**TUESDAY, OCTOBER 30**  
1:15 p. m.—Outdoors with the Scientist.  
8:00 p. m.—Better Flowers talk.  
8:15 p. m.—Oregon Humans Society.  
8:30 p. m.—Tarla Venetian hour of Italian music, courtesy of Tarola Motor Car Co.  
9:30 p. m.—Flight broadcast, courtesy American Legion, Portland Post No. 1.

**WEDNESDAY, OCTOBER 31**  
8:00 p. m.—Studio.  
8:30 p. m.—KOIN Players, direction Edris Morrison.  
10:00 p. m.—Cole McElroy's Oregonians.

**THURSDAY, NOVEMBER 1**  
8:00 p. m.—Regum Twins.  
8:30 p. m.—Sherman Clay & Co.  
9:00 p. m.—Olson hour; soloists' program.  
10:30 p. m.—Broadway Theater Dance Frolic, direction Georgie Stoll, from Broadway Theater.

**FRIDAY, NOVEMBER 2**  
8:00 p. m.—Studio program.  
10:00 p. m.—Cole McElroy's Oregonians.  
**SATURDAY, NOVEMBER 3**  
8:00 p. m.—Silent for DX listeners.  
11:00 p. m.—West Coast Theatre Frolic.

# KFOA

## Seattle, Wash.—670 Kc.

447.5 METERS—1000 WATTS  
Owned and Operated by Rhodes Department Store  
Arcade Square, Seattle, Washington. Phone Main 8000

P. B. Gale, Station Manager. Ward J. Ireland and Ted McGrath, Announcers  
Charles Burson and James Clark, Operators. Frederick C. Feinger, Musical Director  
Alfred Green, Commercial Manager

### DAILY EXCEPT SUNDAY

- 5:45 a. m.—Sunset's Musical Klock.  
8:45 a. m.—P. S. Q. Store's half hour.  
9:15 a. m.—Studio news.  
9:45 a. m.—Aunt Sammy's Housekeeper's Chat.  
10:00 a. m.—Rhodes Air News.  
10:30 a. m.—Morning musical.  
10:45 a. m.—Georgia O. George.  
11:00 a. m.—Dorothy Neighbors, Menu Hints, etc.  
12:00 noon—Organ Concert (except Fri. and Sat.).  
12:15 p. m.—Farm Flashes, Crops, etc.  
2:30 p. m.—Studio musical (except Thurs. and Sat.).  
3:00 p. m.—Organ recital.  
5:30 p. m.—News items, weather reports.  
6:00 p. m.—Sessions Chimes, News Casting.  
6:05 p. m.—KFOA Travel Service.  
6:30 p. m.—Druggists Radio hour.  
7:30 p. m.—Elaine Goering, time signals.

### MONDAY, OCTOBER 29

- 7:30 p. m.—Better Flowers talk.  
7:45 p. m.—Inductoans.  
8:00 p. m.—Variety hour from KMO.  
9:00 p. m.—Studio program.  
9:30 p. m.—King Taste Time.

### TUESDAY, OCTOBER 30

- 12:30 p. m.—Kiwanis Club luncheon program from the Olympic Hotel.  
4:00 p. m.—Studio musicale.  
7:30 p. m.—Regum Revelers.  
8:00 p. m.—Old Melodies.  
9:00 p. m.—Organ recital of Popular Melodies.

### WEDNESDAY, OCTOBER 31

- 12:30 p. m.—Rotary Club luncheon program from the Olympic Hotel.  
2:30 p. m.—Studio musicale.

- 4:00 p. m.—Studio musicale.  
7:30 p. m.—Sweet Moments.  
8:00 p. m.—News and Views on Football from the University of Washington.  
8:15 p. m.—KFOA Movie Club.  
8:30 p. m.—Notes from Skipper's Log.  
8:45 p. m.—Columbia's Magic Notes.

### THURSDAY, NOVEMBER 1

- 12:30 p. m.—Shrine Club Luncheon program from the Olympic Hotel.  
2:00 p. m.—Cleveland vs. Broadway High School football game.  
8:00 p. m.—'4-H Club Crier' and Primer for Town Farmers.  
8:15 p. m.—Book Chat—Napoleon Bonaparte.

### FRIDAY, NOVEMBER 2

- 12:00 noon—Members Council Luncheon program from the Chamber of Commerce.  
2:30 p. m.—Studio musicale.  
3:30 p. m.—Univ. of Washington vs. Linfield College football game.  
7:30 p. m.—Sweet Moments.  
8:00 p. m.—Variety Hour.  
8:30 p. m.—Regum Revelers.  
9:00 p. m.—Henry and the Boss.  
9:30 p. m.—Columbia's Magic Notes.  
10:30 p. m.—Hoot Owls from KGW.

### SATURDAY, NOVEMBER 3

- 11:15 a. m.—Travel Service.  
12:00 noon—Franklin vs. Garfield High School football game.  
4:00 p. m.—Studio musicale.  
7:30 p. m.—Farm Science Snapshots.  
7:40 p. m.—Camp Fire Girls program.  
8:10 p. m.—Boy Scouts program.



CARL E. HAYMOND

# KMO

**CARL E. HAYMOND**  
Manager and Chief  
Announcer  
**J. A. MURPHY**  
Commercial Manager  
**JANE MORSE**  
Studio Director  
**MARGIE MAHON**  
Asst. Studio Director  
**J. D. KOLESAR**  
Chief Technician

## Tacoma, Wash.—1180 Kc.

500 WATT WESTERN ELECTRIC—254.1 METERS  
Owned by KMO, Inc.  
Hotel Winthrop

- 8:00 p. m.—Tommy Burns' Frolic.  
9:00 p. m.—Stocking Filler Program of the Elks.  
11:00 p. m.—Greenwich Coliseum Dance Orchestra.  
11:30 p. m.—Tuneful Two, Earl and Arnold.

### WEDNESDAY, OCTOBER 31

- 6:20 p. m.—Manley Motors Variety Program.  
6:50 p. m.—Scott Bullitt, Democratic nominee for Governor.  
7:00 p. m.—Tacoma Trunk Co. Recordings.  
7:30 p. m.—Navy Tex Program.  
8:00 p. m.—O. B. Clow Program.  
8:30 p. m.—Musical Program.  
9:00 p. m.—Late Release Recordings.

### THURSDAY, NOVEMBER 1

- 7:00 p. m.—Union Service Hour.  
7:30 p. m.—Navy Tex Program.  
8:00 p. m.—Studio Program.  
8:30 p. m.—Late Recordings.  
9:30 p. m.—St. Louis Dance Program.

### FRIDAY, NOVEMBER 2

- 6:20 p. m.—Manley Motors Variety Program.  
6:50 p. m.—Scott Bulletin, Democratic nominee for Governor.  
7:00 p. m.—Tacoma Trunk Co. Musical Program.  
7:30 p. m.—Navy Tex Program.  
8:00 p. m.—Kinnhall Variety Hour.  
8:30 p. m.—Peoples Savings & Loan Association.  
9:00 p. m.—Greenwich Coliseum Dance Orchestra.

### SATURDAY, NOVEMBER 3

- 6:30 p. m.—Federal Bakery Program.  
7:00 p. m.—Union Service Hour.  
7:30 p. m.—Navy Tex Program.  
8:00 p. m.—Studio Program.  
8:30 p. m.—Musical Program.  
9:00 p. m.—O. B. Clow Program.  
9:30 p. m.—Greenwich Coliseum Dance Orchestra.

### SUNDAY, NOVEMBER 4

- 6:00 p. m.—Hotel Winthrop Trio.  
7:30 p. m.—First Christian Church.

### DAILY EXCEPT SUNDAY

- 8:00 a. m.—KMO Early Birds.  
9:30 a. m.—Boys' program.  
10:50 a. m.—News Flashes and Time Signals.  
10:30 a. m.—Home Economics.  
10:45 a. m.—Town Crier and music.  
5:15 p. m.—Sports Review.  
5:30 p. m.—M. Y. M. C. Orchestra (except Tues., Thurs. and Sat.).  
6:00 p. m.—Longina time signals.  
6:00 p. m.—Newscasting Features.  
6:10 p. m.—Dinner Hour program.  
8:00 p. m.—Elaine Goering's time signals.

### MONDAY, OCTOBER 29

- 6:20 p. m.—Manley Motors Variety Program.  
6:50 p. m.—Scott Bullitt, Democratic nominee for Governor.  
7:00 p. m.—Tacoma Trunk Co. Musical Program.  
7:30 p. m.—Navy Tex Program—Classical.  
8:00 p. m.—Popular Hour, featuring Jane Morse Chalm—KFOA, KFJJ, KTHB and KMO.  
9:00 p. m.—Book Review by Mrs. Page Hosmer.  
9:15 p. m.—Better Business Bureau.  
9:30 p. m.—O. B. Clow Program.

### TUESDAY, OCTOBER 30

- 7:00 p. m.—Union Service Hour.  
7:30 p. m.—Navy Tex Program.

The essential features of these programs are identical with those sent by the stations.



ROYAL FORBES

# KJR Seattle, Washington—860 Kc.

2500 WATTS—348.5 METERS. Phone Main 2478  
 Operated by the American Broadcasting Co.  
 804 Home Savings Building, 1520 Westlake Ave.  
 Robert Nichols, Senior Announcer, Royal Forbes, Studio Director  
 Arthur L. Fram, Program Director  
 John Marsh, Pianist, Clarence Clark, Engineer  
**DAILY EXCEPT SUNDAY**

- 8:45 a. m.—Vim, Vigor and Vitality.
- 7:45 a. m.—Breakfast News.
- 8:30 a. m.—The Golden Hour Orchestra.
- 9:00 a. m., 12:00 noon and 10:00 p. m.—Pacific Standard Time Signals.
- 9:00 a. m.—Mary Cooke, KJH Better Homes Girl.
- 9:45 a. m.—Devotional Service.
- 10:00 a. m.—KJR Characteristic Hour.
- 10:30 a. m.—KJR Dream House.
- 11:00 a. m.—Variety Program.
- 12:00 noon—ABC Revelers, News.
- 12:30 p. m.—American Salon Orchestra, under direction of Francesco Longo (ex. Sat.).
- 1:30 p. m.—Song Recital.
- 3:00 p. m.—American Symphony Orchestra, direction of Francesco Longo (ex. Sat.).
- 4:00 p. m.—Siesta Hour.
- 5:00 p. m.—Request Hour (except Tuesday and Friday).
- 6:00 p. m.—Special Announcements.
- 8:15 p. m.—Theatrical Review, News, Sports, etc.
- 6:30 p. m.—The Captivators (except Wednesday).
- 7:00 p. m.—Twilight Hour program; American Salon Orchestra (ex. Mon. & Wed.).
- 9:00 p. m.—American Symphony Orchestra, direction of Francesco Longo (ex. Wed.).
- 10:00 p. m.—Hotel Butler Rose Room Dance Orchestra.

**SUNDAY, OCTOBER 28**

- 10:00 a. m.—Studio Program.
- 11:00 a. m.—Sacred Concert.
- 2:00 p. m.—American Salon Orchestra, ABC.
- 3:00 p. m.—Home Savings Building String Trio; Helen Hoover, soprano, ABC.
- 4:00 p. m.—American Salon Orchestra.
- 5:00 p. m.—Cathedral Choir—Vesper Choir—ABC Artistic Ensemble.
- 6:30 p. m.—Majestic Theater of the Air (Columbia System).
- 7:00 p. m.—Recital; Peter Merenholum, violin.
- 7:30 p. m.—Novelty Program; Murray and Harris;
- 8:00 p. m.—American Salon Orchestra and soloists.
- MONDAY, OCTOBER 29**
- 2:00 p. m.—Studio Program.
- 8:00 p. m.—Vic Meyers' Hotel Butler Dance Orchestra
- TUESDAY, OCTOBER 30**
- 2:00 p. m.—ABC Artistic Ensemble.
- 5:30 p. m.—Frank B. Kellogg (Columbia System).

- 8:30 p. m.—ABC Artistic Ensemble.
- WEDNESDAY, OCTOBER 31**
- 8:00 p. m.—Hawallan Sunshower Hour (ABC).
- 8:30 p. m.—Song Recital; G. Donald Gray and Sydney Dixon (ABC).
- THURSDAY, NOVEMBER 1**
- 8:00 p. m.—ABC Artistic Ensemble. (ABC).
- FRIDAY, NOVEMBER 2**
- 6:00 p. m.—American Hour Broadcast Committee.
- 8:30 p. m.—ABC Artistic Ensemble.
- SATURDAY, NOVEMBER 3**
- 12:30 p. m.—Ballot Box Audition Program.
- 2:00 p. m.—Football Games.
- 5:00 p. m.—ABC Artistic Ensemble.
- 7:00 p. m.—Melodies and Memories (The Reverie Hour) (ABC).
- 8:00 p. m.—Vincent Knowles' Orchestra (ABC)
- 9:00 p. m.—Song Recital; G. Donald Gray and Sydney Dixon (ABC).
- 9:30 p. m.—Vic Meyers' Hotel Butler Dance Orchestra
- 10:30 p. m.—Show Boat Frolic (ABC).

# KPQ

## Seattle, Wash.—1300 Kc.

Taft & Wasmer, Inc.  
 230.6 METERS—100 WATTS  
 ARCHIE TAFT and LOUIS WASMER, Inc., Owners  
 1107 Second Avenue Tel. Elliot 1433  
 C. A. Berger, Manager  
 Don Johnson, Announcer Herman Reize, Engineer

**DAILY EXCEPT SUNDAY**

- 7:00 a. m.—Breakfast Program (except Monday Wednesday and Friday).
- 10:00 a. m.—Market Suggestions (except Monday, Wednesday and Friday).
- 4:30 p. m.—Buyer's Guide (except Tuesday, Thursday and Saturday).
- 10:00 p. m.—Dance Music (except Tuesday, Thursday and Saturday).
- SUNDAY, OCTOBER 28**
- 9:00 a. m.—Sacred and concert records.
- 10:00 a. m.—Beauty hour.
- 12:30 p. m.—Orthophonic concert.
- 4:00 p. m.—Comedy program.
- 5:00 p. m.—Popular records.
- 6:30 p. m.—Pointers on attractiveness.
- 9:00 p. m.—Whitman Furniture Co., Home Hour.
- 10:00 p. m.—Rubenack the Tallor; nonsense program.
- MONDAY, OCTOBER 29**
- 5:30 p. m.—Rainier District program.
- 6:30 p. m.—Rubenack the Tallor.
- 7:00 p. m.—Accordion and harjo recordings.
- 8:45 p. m.—Anna Helen Borstell, swimming talk.
- 9:15 p. m.—Home hour.
- TUESDAY, OCTOBER 30**
- 8:00 a. m.—Y. W. C. A. Setting-up Exercises.
- 8:30 a. m.—Shoppers' Service.
- 8:30 a. m.—Shoppers' Service.
- 9:10 a. m.—Road reports.
- 9:15 a. m.—Home hour.
- 10:30 a. m.—Buyers' Guide.
- 11:30 a. m.—Luncheon musicale.
- 1:00 p. m.—Rainier District.
- 2:00 p. m.—Varied recordings.
- WEDNESDAY, OCTOBER 31**
- 4:30 p. m.—Buyers' Guide.
- 5:30 p. m.—Rainier District.
- 5:15 p. m.—Home hour.
- 6:30 p. m.—Orthophonic concert.
- 8:45 p. m.—Anna Helen Borstell, swimming talk.
- THURSDAY, NOVEMBER 1**
- 8:00 a. m.—Y. W. C. A. Health Rhythms.
- 8:30 a. m.—Margaret Bell, Shoppers' Service.
- 9:10 a. m.—Road reports.
- 9:15 a. m.—Home hour.
- 10:30 a. m.—Buyers' Guide.
- 11:30 a. m.—Style Hintz.
- 12:30 noon—Organ recital, recorded.
- 1:00 p. m.—Rainier District program.
- 2:00 p. m.—Popular records.
- FRIDAY, NOVEMBER 2**
- 5:30 p. m.—Rainier District.
- 6:30 p. m.—Popular concert music.
- 7:30 p. m.—Red Seal Gems.
- 8:30 p. m.—Today's melodies.
- 9:15 p. m.—Home hour.
- SATURDAY, NOVEMBER 3**
- 8:00 a. m.—Y. W. C. A. Setting-up Exercises.
- 8:30 a. m.—Margaret Bell, Shopper's Service.
- 9:10 a. m.—Road reports.
- 9:15 a. m.—Home hour. Bargain bulletins.
- 10:00 a. m.—Redden White, Food Specials.
- 10:30 a. m.—Buyers' Guide.
- 12:00 noon—Luncheon musicale.
- 1:00 p. m.—Popular recordings.

The essential features of these programs are identical with those sent by the stations.



GEORGE NELSON

# KOMO

## Seattle, Wash.—970 Kc.

FISHER'S BLEND STATION 309.1 METERS  
METROPOLITAN CENTER, SEATTLE  
Telephone Elliot 5890  
DAILY EXCEPT SUNDAY

10:00 a. m.—Inspirational Services.  
10:15 a. m.—Y. M. C. A. Health Exercises.  
10:30 a. m.—"What to Prepare for Dinner."  
11:00 a. m.—Organ Music; solos, etc. (except Tuesday).  
12:00 noon.—Farm Flashes. Grain Reports, Music, News (except Monday).  
12:30 p. m.—"Constance Cook" and Rhena Marshall.  
1:00 p. m.—Totem Concert Orchestra and Soloists.  
4:45 p. m.—Silent Period.  
5:00 p. m.—Kiddies' Program.  
5:30 p. m.—Stocks and Bonds, News.  
6:00 p. m.—Totem Orchestra and soloists (except Monday and Friday).  
9:00 p. m.—N. B. C. Longline Time Signal.  
10:00 p. m.—Totem Dance Orchestra. Late news flashes (except Saturday).

### SUNDAY, OCTOBER 28

11:00 a. m.—Plymouth Congregational Church.  
12:20 p. m.—Fifth Ave. Theatre organ concert.  
1:00 p. m.—Solos, duets and quartets by Totem Sunday Quartet.  
1:30 p. m.—NBC.\*  
2:00 p. m.—Stoneway Tabernacle.  
2:30 p. m.—Totem Sunday Quartet; Worth Duo.  
3:00 p. m.—NBC.\*  
5:00 p. m.—Totem Sunday Orchestra; Totem Sunday Quartet.  
8:00 p. m.—First Church of Christ, Scientist.  
9:00 p. m.—NBC.\*  
9:30 p. m.—Solos, duets and quartets by Totem Sunday Quartet.  
10:00 p. m.—Totem Sunday Trio.

### MONDAY, OCTOBER 29

10:45 a. m.—Piano, Catherine Pinney.  
12:00 noon.—Totem Concert Trio.  
6:45 p. m.—NBC.\*

### TUESDAY, OCTOBER 30

10:30 a. m.—NBC.\*  
6:00 p. m.—NBC.\*  
6:30 p. m.—Totem Concert Orchestra; Pop., Billy Emerick.  
7:00 p. m.—Duets, Rhena Marshall and James Harvey; Totem Concert Orchestra.  
8:00 p. m.—NBC.\*  
9:00 p. m.—Totem Little Symphony; soprano, Alice Maclean; contralto, Agnes Nielsen Skartvedt; joint with KGW, Portland.

### WEDNESDAY, OCTOBER 31

10:30 a. m.—NBC.\*

7:00 p. m.—Totem Male Quartet; Totem Concert Orchestra.  
7:30 p. m.—NBC.\*  
8:00 p. m.—Program originating at KGW, Portland.  
8:30 p. m.—NBC.\*  
9:30 p. m.—Warner Bros. picture hour.

### THURSDAY, NOVEMBER 1

6:00 p. m.—NBC.\*  
6:30 p. m.—Totem Concert Orchestra; mezzo soprano, Rhena Marshall.  
7:30 p. m.—NBC.\*  
8:30 p. m.—Totem Concert Orchestra; mezzo soprano, Rhena Marshall.  
9:00 p. m.—NBC.\*  
9:00 p. m.—Totem Concert Orchestra.  
9:30 p. m.—NBC.\*

### FRIDAY, NOVEMBER 2

11:00 a. m.—"By Morning Light."  
5:15 p. m.—Stock and bond quotations.  
5:30 p. m.—NBC.\*  
5:52 p. m.—News flashes.  
6:00 p. m.—NBC.\*  
7:30 p. m.—Totem Concert Orchestra.  
8:00 p. m.—NBC.\*  
8:30 p. m.—Program originating at KGW, Portland.  
9:00 p. m.—NBC.\*  
9:00 p. m.—Totem Male Quartet; Pop., Billy Emerick.  
9:30 p. m.—NBC.\*

### SATURDAY, NOVEMBER 3

11:30 a. m.—Totem Concert Orchestra.  
6:00 p. m.—Program joint with KGW, Portland, and KJR.  
7:00 p. m.—NBC.\*  
10:00 p. m.—Navy Day program.

## Q. AND A.

(Continued from Page 40)

The low intermediate frequency was necessary with "A" tubes, in order to have an efficient amplifier with a greater gain than the same number of stages operating at broadcast frequencies, but this is no longer necessary with screen grid tubes, and we can take advantage of the one-spot feature while preserving the gain per stage.

**QUESTION**—When I disconnect my loud speaker and remove it some distance from my set, I still can distinctly hear the programs all over a fair-sized room. The music appears to come from the set itself. Does this indicate that there is anything wrong with my equipment, and if so, what steps should be taken to remedy it?

A. J., San Francisco, Calif.

**ANSWER**—Usually the sound is reproduced by the vibrating core lamina-

tions in the output device, and sometimes by the cores of the audio frequency transformers. It simply indicates that the core of the output filter or transformer is loose enough to permit of vibration of some of the laminations. This does no damage, unless the sound is strong enough to combine with the true loud speaker reproduction and make a noticeable rasping effect, as the quality of music reproduced by the cores is extremely poor. In your cores, since it is audible throughout the room, we would say that it will detract from the loud speaker quality and should be remedied. An output filter or transformer which performs its own function without trying to act as a loud speaker should be substituted for the present one.

A director in Wellington, New Zealand, formed an orchestra of twenty 'cellos for broadcasting.

The essential features of these programs are identical with those sent by the stations.



**CECIL P. UNDERWOOD**  
Chief Announcer

# KHQ Spokane, Washington—810 Kc.

1000 WATTS—370.2 METERS  
LOUIS WASMER, INC., Standard Stock Exchange Bldg.  
Telephone Main 4442

DAILY EXCEPT SUNDAY AND WEDNESDAY

- 7:00 a. m.—Bailey's Period of Pen and Callisthenics.
- 7:30 a. m.—Timely and Timely Beauty Hints.
- 8:15 a. m.—Musical programs.
- 8:30 a. m.—Inland Empire Road Reports.
- 9:00 a. m.—Household Service—Tull & Gibbs.
- 9:57 a. m.—A & K Educational Talk.
- 10:00 a. m.—Sara Leigh's Hour with Women.
- 11:00 a. m.—Farmers' Service Hour (except Thursday).
- 12:00 noon.—The Diamond Hour (except Tuesday).
- 12:30 p. m.—The Majestic Twins (except Tuesday).
- 1:00 p. m.—Miss Modern.
- 1:30 p. m.—Fur Facts.
- 2:00 p. m.—Washington Home Service Hour (except Tuesday and Friday).
- 3:00 p. m.—Kolster Concert.
- 3:30 p. m.—National Savings Thoughts.

- 4:00 p. m.—Stewart's Musical Program (except Tuesday).
- 4:30 p. m.—Bailey's Concert.
- 5:00 p. m.—Service Hour.
- 6:00 p. m.—Mahlon Merrick's Concert Orchestra (except Thursday and Friday).
- 6:30 p. m.—The Dough Boys (except Thursday and Friday).
- 9:00 p. m.—Longine Correct Time.

**SUNDAY, OCTOBER 28**

- 10:30 a. m.—Children's Sunday School Program.
- 11:00 a. m.—Church services.
- 1:30 p. m.—NBC.\*
- 5:00 p. m.—Bailey's Concert.
- 7:00 p. m.—Religious services by the I. B. S.
- 7:30 p. m.—NBC.\*
- 8:00 p. m.—Church of the Truth, the Rev. Erma W. Wells, Pastor.
- 9:00 p. m.—NBC.\*
- 9:30 p. m.—City Service Little Symphony.

**MONDAY, OCTOBER 29**

- 6:45 p. m.—NBC.\*

**TUESDAY, OCTOBER 30**

- 10:30 a. m.—NBC.\*
- 11:30 a. m.—Farmers' Service Hour.
- 12:00 noon.—Chamber of Commerce Luncheon.
- 7:00 p. m.—Musical Programs.
- 8:00 p. m.—NBC.\*
- 9:0 p. m.—Golconda Orchestra.
- 10:00 p. m.—Dance music by Mahlon Merrick's Orch.

**WEDNESDAY, OCTOBER 31**

- 10:00 a. m.—Sara Leigh's Hour with women.
- 6:00 p. m.—Mahlon Merrick's Concert Orchestra.

\*See Page 56 for detailed program of National Broadcasting Company.

- 7:30 p. m.—NBC.\*
- 8:00 p. m.—Tom Mitchell Pyrolist—KGW.
- 8:30 p. m.—NBC.\*
- 9:30 p. m.—Golconda Orchestra.

**THURSDAY, NOVEMBER 1**

- 11:00 a. m.—Standard Educational Hour.
- 1:00 p. m.—Miss Modern.
- 6:00 p. m.—Republican Campaign over NBC.\*
- 6:30 p. m.—Musical Program.
- 7:00 p. m.—The Dough Boys.
- 7:30 p. m.—NBC.\*
- 8:30 p. m.—Crescents Old Favorites.
- 9:30 p. m.—NBC.\*
- 10:00 p. m.—Dance music by Mahlon Merrick's Orch.

**FRIDAY, NOVEMBER 2**

- 10:30 a. m.—NBC.\*
- 6:00 p. m.—NBC.\*
- 7:00 p. m.—Dinner Concerts, Sports, Etc.
- 7:15 p. m.—The Dough Boys.
- 7:30 p. m.—NBC.\*
- 9:00 p. m.—Miss Spokane and Her Orchestra.
- 9:30 p. m.—NBC.\*

**SATURDAY, NOVEMBER 3**

- 7:00 p. m.—American Tobacco Company Transcontinental over NBC.



**CARRIC ANDREW**

# KGK Spokane, Washington—1150 Kc.

268.7 METERS—2000 WATTS  
Operated by the American Broadcasting Co., located in the Sun Life Assurance Building

**Carric Andrew**  
Announcer

**H. E. Studebaker**  
Studio Manager

**SUNDAY, OCTOBER 28**

- 11:00 a. m.—First Presbyterian Church service.
- 2:00 p. m.—ABC Chain.
- 7:00 p. m.—New Haven Westminster Chimes.
- 7:00 p. m.—Studio program.
- 7:30 p. m.—First Presbyterian Church services.
- 9:00 p. m.—ABC Chain.

**MONDAY, OCTOBER 29**

- 5:30 p. m.—Dinner hour program.
- 10:00 p. m.—Studio program.

**TUESDAY, OCTOBER 30**

- 2:00 p. m.—Chronicle Home Management School.
- 8:00 p. m.—Simpson's Old Timers.
- 9:00 p. m.—ABC Chain.
- 10:00 p. m.—Simpson's Old Timers.
- 11:00 p. m.—Musical program.

**WEDNESDAY, OCTOBER 31**

- 10:00 p. m.—Van Audle Hoffman Music Co. program.
- 11:00 p. m.—Musical program.

**THURSDAY, NOVEMBER 1**

- 7:00 p. m.—Studio program.
- 10:00 p. m.—Edna Hovenden, pianist.
- 10:30 p. m.—Studio program.

**FRIDAY, NOVEMBER 2**

- 7:30 p. m.—Republican political talk.
- 7:45 p. m.—ABC Chain.
- 8:00 p. m.—Studio program.

**SATURDAY, NOVEMBER 3**

- 12:45 p. m.—Esperanto talk by R. W. Mason.
- 12:50 p. m.—Musical program.
- 3:00 p. m.—Mather Studio organ recital.
- 7:00 p. m.—Studio program.
- 8:00 p. m.—Studio program.
- 9:00 p. m.—ABC Chain.

- DAILY EXCEPT SUNDAY**
- 8:45 a. m.—ABC chain setting up exercises.
  - 9:00 a. m., 12:00 noon, 7:00, 10:00 and 12:00 p. m.—Time Signals.
  - 9:00 a. m.—Betty Cooke, KGK Better Homes Girl.
  - 10:00 a. m.—Classical Recordings.
  - 10:30 a. m.—Morning Music for Housewives.
  - 11:00 a. m.—Shopping Service; Music; Dietetic Talk.
  - 12:00 noon—Time; Weather; Garden Notes.
  - 12:10 p. m.—Livestock Quotations.
  - 12:15 p. m.—Logan & Bryan Grain Quotations.
  - 12:30 p. m.—Musical Programs.
  - 1:00 p. m.—Van Audle Hoffman Music Co.
  - 1:30 p. m.—Musical.
  - 4:00 p. m.—Van Audle Hoffman Music Co.
  - 4:30 p. m.—Business Announcements.
  - 5:00 p. m.—Uncle Andy's Half Hour with Kiddies.
  - 5:30 p. m.—Sullivan's Trio.
  - 8:00 p. m.—Weather Forecast.
  - 6:00 p. m.—Dinner Hour Concert.
  - 7:00 p. m.—A. B. C. Chain (except Wednesday).

The essential features of these programs are identical with those sent by the stations.



EARLE J. GLADE

# KSL Salt Lake City, Utah—990 Kc.

1000 WATTS—302.8 METERS

"The Voice of the Inter Mountain Empire"

Earl J. Glade  
General Manager

Lewis L. Lacey  
Program Director

John N. Cope  
Technical Director

Rosecoe G. Grover  
Chief Announcer

## DAILY EXCEPT SUNDAY

- 5:30 a. m.—Reveille.  
5:45 a. m.—"Moments with the Melody Masters."  
6:00 a. m.—Setting-up exercises.  
6:15 a. m.—Songs of Romance.  
6:30 a. m.—Repetition of setting-up exercises.  
6:45 a. m.—Newscasting.  
7:00 a. m.—Inspirational period.  
7:15 a. m.—Morning Matinee of Instrumental ensembles.  
8:00 a. m.—Items of interest to Madame.  
8:30 a. m.—Late popular song hits.  
9:00 a. m.—Hi-lights of the Styles.  
9:30 a. m.—Helen Webster, Interior Decoration expert.  
10:00 a. m.—Aunt Sammy's Housekeeper's Chat.  
11:00 a. m.—Mid-day Melange.  
11:30 a. m.—Agricultural Economics.  
1:00 p. m.—"Jazzical Jubilee."  
1:30 p. m.—(Wed. only) "The Development of American Music."  
2:00 p. m.—An Hour with the Classics.  
3:00 p. m.—Uncle Roscoe and the Tiny Tots.  
4:00 p. m.—"Ye Olds Towne Cryer."

## SUNDAY, OCTOBER 28

- 11:00 a. m.—Informal Studio program.  
12:00 noon—L. B. S. A. "Watch Tower" program.  
1:00 p. m.—Mormon Tabernacle services by direct wire.  
2:30 p. m.—Studio program.  
3:00 p. m.—"The Peerless Reproducers."  
6:30 p. m.—First Presbyterian Church services.  
7:30 p. m.—Community hour.  
8:00 p. m.—L. D. S. services.  
9:00 p. m.—"Utah Loud Speakers," and the Melody Trio.



FRED J. HART

## DAILY EXCEPT SUNDAY

- 10:00 a. m.—The Helpful Hour.  
12:00 noon—News Items.  
12:30 p. m.—Farm Market Report.  
1:00 p. m.—Hart's Store half hour.  
1:30 p. m.—The Friendly hour.  
2:30 p. m.—Fanchon's Style Chat.  
3:00 p. m.—Second Street Musical Hour.  
4:00 p. m.—Sunshine Hour with W. K.  
5:00 p. m.—Aunt Sammy talk; Home Economics (ex. Saturday).  
5:30 p. m.—Pal's Big Brother Hour (ex. Saturday).  
6:00 p. m.—U. S. D. A. Farm School.  
SUNDAY, OCTOBER 28  
10:15 a. m.—Sunday School lessons by Fred J. Hart.

## San Jose, California—1010 Kc.

# KQW

CALIFORNIA FARM BUREAU STATION  
800 WATTS—296.09 METERS  
FRED J. HART, Manager

- 11:00 a. m.—Morning service, First Baptist Church, conducted by Rev. Harold E. Barton.  
7:30 p. m.—Evening service, First Baptist Church.

## MONDAY, OCTOBER 29

- 7:00 p. m.—Calif. Farm Bureau Evening Radio News.  
8:00 p. m.—Monterey County Bodeo.  
9:30 p. m.—Crop Digest.

## TUESDAY, OCTOBER 30

- 7:00 p. m.—You Never Can Tell program; dedication of remote control lines and new Sacramento studio.  
9:00 p. m.—Band concert, direction of William Snow.

## WEDNESDAY, OCTOBER 31

- 7:00 p. m.—Calif. Farm Bureau Evening Radio News.  
8:00 p. m.—First Baptist Church.  
9:30 p. m.—Crop Digest.

## THURSDAY, NOVEMBER 1

- 7:00 p. m.—Farm Bureau Evening Radio News.  
8:00 p. m.—Crysanthemum program.  
9:30 p. m.—Crop Digest.

## FRIDAY, NOVEMBER 2

- 7:00 p. m.—Farm Bureau Evening Radio News.  
8:00 p. m.—Hollister High School.  
9:30 p. m.—Crop Digest.

## SATURDAY, NOVEMBER 3

- 7:00 p. m.—Farm Bureau Evening Radio News.  
7:30 p. m.—Musical program.  
9:30 p. m.—Crop Digest.

The essential features of these programs are identical with those sent by the stations.



FREEMAN H. TALBOT

**KOA**

**Denver, Colorado—920 Kc.**

500 WATTS—326 METERS GENERAL ELECTRIC COMPANY  
Pacific Standard Time  
"Rocky Mountain Broadcasting Station"

DAILY EXCEPT SUNDAY  
Hour (except Saturday).

- 10:00 a. m.—Farm and Home
- 11:00 a. m.—Time Signals.
- 11:01 a. m.—Weather, Stocks, etc.
- 11:15 a. m.—Organ Recital.

- 5:30 p. m.—Palmolive Hour, NBC.
- 7:30 p. m.—Dem. Nat. Campaign speech, NBC.
- 8:00 p. m.—The Novelty Shop.
- 8:30 p. m.—KOA Mixed Quartet,
- 9:00 p. m.—KOA orchestra.

**THURSDAY, NOVEMBER 1**

- 3:00 p. m.—A Recipe a Day.
- 3:05 p. m.—Thursday Afternoon Musical—
- 3:30 p. m.—"The Morning Post Stylogram,"
- 3:45 p. m.—Irene Urban, cello, and Madly Rost Arpin,
- 4:00 p. m.—Stock markets, livestock, produce
- 4:30 p. m.—Democratic campaign speech, NBC.
- 5:30 p. m.—Cosmopolitan Hotel Orchestra.
- 5:45 p. m.—State Republican campaign speech.
- 6:00 p. m.—National Republican campaign speech, NBC.
- 6:30 p. m.—Maxwell House Coffee Hour, NBC.
- 7:00 p. m.—Halsey Stuart, NBC.
- 7:30 p. m.—Extension Service, Colorado Agricultural College.

**FRIDAY, NOVEMBER 2**

- 8:00 a. m.—RCA Hour.
- 3:00 p. m.—A Recipe a Day.
- 3:05 p. m.—Housewives' matinee,
- 4:30 p. m.—Stocks, markets, livestock, produce,
- 4:55 p. m.—Road reports, courtesy of Motor Club of Colorado.
- 5:00 p. m.—Cities Service Orchestra and Cavaliers, NBC.
- 6:00 p. m.—Wrigley Review, NBC.
- 7:00 p. m.—Stromberg-Carlson, NBC.
- 7:30 p. m.—Answers on Financial Questions.
- 7:35 p. m.—The Solitaires Sorenaders.
- 8:05 p. m.—Republican campaign speech.
- 8:20 p. m.—Vincent Lopez and his Hotel St. Regis dance orchestra, NBC.
- 8:30 p. m.—Republican State campaign.
- 8:45 p. m.—Vincent Lopez, NBC.
- 9:00 p. m.—The Music Album—Old Popular Songs.
- 9:30 p. m.—The Artist's Studio—Sea Pictures.

**SATURDAY, NOVEMBER 3**

- 11:10 a. m.—Road Reports, courtesy of Motor Club of Colorado.
- 4:00 p. m.—Vincent Lopez and his Hotel St. Regis dance orchestra, NBC.
- 5:00 p. m.—Philo Hour, NBC.
- 6:00 p. m.—Republican campaign speech, NBC.
- 6:30 p. m.—Preview of International Sunday School lesson, the Rev. William O. Rogers.
- 7:00 p. m.—Lucky Strike Hour, NBC.
- 8:00 p. m.—Republican State campaign speech.

**SUNDAY, OCTOBER 28**  
10:00 a. m.—Service of Central Presbyterian church, Denver.

- 12:30 noon—Sixty Musical Minutes, NBC.
- 1:30 p. m.—Peerless Reproduction Hour.
- 1:00 p. m.—Dr. S. Parkes Cadman, NBC.
- 2:30 p. m.—Acoustician Hour, NBC.
- 3:00 p. m.—Stetson Parade, NBC.
- 3:30 p. m.—Whittall Anglo Persiana, NBC.
- 5:00 p. m.—Dunn and McCarty, NBC.
- 5:15 p. m.—Collier's Hour, NBC.
- 6:15 p. m.—Alwater Kent Hour, NBC.
- 7:15 p. m.—National Light Opera Co., NBC.

**MONDAY, OCTOBER 29**

- 7:30 a. m.—Dem. Nat. Campaign speech, NBC.
- 9:00 a. m.—Rep. Nat. Campaign speech, NBC.
- 5:00 p. m.—Rep. Nat. Campaign speech, NBC.
- 6:00 p. m.—Brown Palace hotel orchestra.
- 6:30 p. m.—Cosmopolitan hotel orchestra.
- 7:00 p. m.—Denver Concert orchestra and male quartet.
- 8:00 p. m.—KOA Players in a one-act mystery.
- 8:30 p. m.—KOA orchestra.
- 9:30 p. m.—Reese Popular Trio.

**TUESDAY, OCTOBER 30**

- 3:00 p. m.—A Recipe a Day.
- 3:05 p. m.—Our Trip Around the World—In Japan.
- 4:00 p. m.—Voters' Service, NBC.
- 4:30 p. m.—Tone Pictures, NBC.
- 5:00 p. m.—Stock markets, etc.
- 5:25 p. m.—Road Reports.
- 5:30 p. m.—Brown Palace hotel orchestra.
- 6:00 p. m.—Farm Question Box.
- 6:30 p. m.—Brown Palace hotel orchestra.
- 6:45 p. m.—Republican State Campaign speech.
- 7:00 p. m.—Chequon Club Eskimos, NBC.
- 7:30 p. m.—Answers on Financial Questions.
- 7:35 p. m.—Variety.
- 8:30 p. m.—Hotel Bossert orchestra, NBC.

**WEDNESDAY, OCTOBER 31**

- 8:30 a. m.—Dem. Nat. Campaign speech, NBC.
- 9:00 a. m.—Republican Nat. campaign speech, NBC.
- 1:30 a. m.—RCA Hour, NBC.
- 5:00 p. m.—Stocks, markets, livestock,
- 5:30 p. m.—Brown Palace hotel orchestra.
- 6:00 p. m.—Ipana Troubadours, NBC.

Makers of Highest Quality  
Condensers and Resist-  
ors that are built  
— To En-  
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LEWIS D. GREENWAY

# KPCB

Lewis D. Greenway  
Manager-Announcer

Florence E. Wallace  
Program Director

John R. Hill  
Technician

## Seattle, Wash.—1300 Kc.

"The Snowflake Station"  
Owned and Operated by The Pacific Coast Biscuit Co.  
100 WATT—230.6 METERS  
Central Building, Ma. 7997

### TUESDAY, OCTOBER 30

- 4:00 p. m.—Recipe hour by Florence Wallace.  
4:15 p. m.—Shopping Hints.  
4:30 p. m.—Northwest Homes and Gardens.  
5:00 p. m.—News Flashes.  
5:30 p. m.—Studio program.  
6:30 p. m.—Talk on Correct Diet by Paul R. McCann.  
7:00 p. m.—Musical program.  
7:30 p. m.—Thomas A. Barstow, psycho-analyst, presented through the courtesy of the Pacific Coast Biscuit Company.  
8:30 p. m.—Studio program featuring Bob Mills, tenor; Velma Case, pianist.  
9:00 p. m.—Dance program with late news items at 11:00 p. m.

### WEDNESDAY, OCTOBER 31

- 8:00 a. m.—Early morning program.  
8:30 a. m.—Musical program.  
10:00 a. m.—Program of the Red Rock Creamery.  
10:30 a. m.—Crescent Baking Powder hour.  
11:00 a. m.—Popular concert numbers.  
11:30 a. m.—Musical program presented through the courtesy of Thomsen Candy Co.  
12:00 noon—Luncheon hour concert.  
1:00 p. m.—Program of the Covey Laundry Service.  
1:30 p. m.—Pacific Coast Biscuit Company concert program.  
2:00 p. m.—Request program.  
2:30 p. m.—Program of the Red Rock Creamery.  
3:00 p. m.—Centennial Mill Company program.  
3:30 p. m.—Musical program presented through the courtesy of the Crescent Manufacturing Company.  
4:00 p. m.—Recipe hour by Florence Wallace.  
4:15 p. m.—Shopping Hints.

### THURSDAY, NOVEMBER 1

- 4:00 p. m.—Recipe hour by Florence Wallace.  
4:15 p. m.—Shopping Hints.  
4:30 p. m.—Suggestions on Interior Decorating.  
5:00 p. m.—News Flashes.  
5:30 p. m.—Ethel's Happy Radio Group for Children.  
6:00 p. m.—Studio program.  
6:30 p. m.—Talk by Paul R. McCann, "The Science of Eating."  
7:00 p. m.—Studio program featuring Clare Ruehle, soprano; Edna Robeny, pianist.  
7:30 p. m.—Coburn's Old-Time Dance Orchestra, directed by William Coburn.  
8:00 p. m.—City Light Department Wood-Wind Ensemble under the direction of Henri Damski; Betty Andersen, assisting soprano.  
9:00 p. m.—Dance program with late news items at 11:00 p. m.

### FRIDAY, NOVEMBER 2

- 8:00 a. m.—Early morning program.  
8:30 a. m.—Musical program.  
10:00 a. m.—Program of the Red Rock Creamery.  
10:30 a. m.—Crescent Baking Powder hour.  
11:00 a. m.—Popular concert numbers.  
11:30 a. m.—Musical program presented through the courtesy of Thomsen Candy Co.  
12:00 noon—Luncheon hour concert.  
1:00 p. m.—Program of the Covey Laundry Service.  
1:30 p. m.—Pacific Coast Biscuit Company concert program.  
2:00 p. m.—Request program.  
2:30 p. m.—Program of the Red Rock Creamery.  
3:00 p. m.—Centennial Mill Company program.  
3:30 p. m.—Musical program presented through the courtesy of the Crescent Manufacturing Company.  
4:00 p. m.—Recipe hour by Florence Wallace.  
4:15 p. m.—Shopping Hints.

### SATURDAY, NOVEMBER 3

- 4:00 p. m.—Dance matinee.  
5:00 p. m.—Sport news.  
5:30 p. m.—Request recordings.  
6:30 p. m.—Studio program.  
7:30 p. m.—Studio program.  
8:00 p. m.—Studio program featuring Isola Clark, contralto; Mrs. George W. Jackson, pianist.  
8:30 p. m.—Studio program arranged by Frank X. Buckmiller, tenor; Mrs. Buckmiller, accompanist.  
9:00 p. m.—Dance program with news items at 11:00 p. m.

### SUNDAY, OCTOBER 28

- 11:00 a. m.—Concert program.  
7:30 p. m.—Request program featuring popular selections.  
8:30 p. m.—Program of the Covey Laundry Service.

### MONDAY, OCTOBER 29

- 8:00 a. m.—Early morning program.  
8:30 a. m.—Musical program.  
10:00 a. m.—Program of the Red Rock Creamery.  
10:30 a. m.—Crescent Baking Powder hour.  
11:00 a. m.—Popular concert numbers.  
11:30 a. m.—Musical program presented through the courtesy of Thomsen Candy Co.  
12:00 noon—Luncheon hour concert.  
1:00 p. m.—Program of the Covey Laundry Service.  
1:30 p. m.—Pacific Coast Biscuit Company concert program.  
2:00 p. m.—Request program.  
2:30 p. m.—Program of the Red Rock Creamery.  
3:00 p. m.—Centennial Mill Company program.  
3:30 p. m.—Musical program presented through the courtesy of the Crescent Manufacturing Company.  
4:00 p. m.—Recipe hour by Florence Wallace.  
4:15 p. m.—Shopping Hints.

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## Sunset Ground



In a recent all night test at Balboa, K. C. Ormiston played three Australian and one New Zealand station on an A. C. set, using a Sunset Ground as an aerial. This is just another instance of the wonderful efficiency of this improved Ground. Reception is 50%

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# Trade News

## Flint Radio

We are glad to announce that the Flint A. C. Radio Company has opened up a factory here in Los Angeles. They are manufacturing three beautiful console models at exceptionally low prices.

The Flint A. C. Radio Company has had the good fortune to contract and incorporate R. A. Stolle as one of the



R. A. STOLLE

members of the company. R. A. Stolle, although young, has won for himself a wide reputation by his seemingly uncanny understanding of all electrical phenomena and mechanics. During the World War he was exempt, and held in reserve to develop patents of his own on rotary gasoline motors for airplane use. R. A. Stolle came to California in 1914, from Mystic, Iowa, where he was regarded as an electrical genius and inventor. He was employed there first by C. E. Light and Traction Company, and later he became Consulting Engineer for the Mutual Telephone Company, subsidiary of the Bell Telephone Company. His venture to California

was in the interest of the Home Automatic Telephone Company of this city. He designed lighting equipment for the Famous Players Motion Picture Company, and is the inventor of the tryplex arc, also redesigned the large arc lights for the Sun Arc Corp., which arcs are now being used by the majority of motion picture studios. He was retained by the First National Picture Company as the right-hand man to Mr. Willis O'Brien, the inventor of the animated animals who made the picture known as the "Lost World," possible.

Mr. Stolle has contributed to medical science in designing electrical physiotherapy equipment for the De Lux Mfg. Company. He also designed the Nerve-O-Meter, now being used by all leading chiropractors for diagnosis purposes.

With all this broad experience and knowledge it is not surprising that Mr. Stolle has made such wonderful improvements and development in the radio field. Almost at once he developed one of the first no battery radios on the Pacific Coast, known as the Monarch Radio. Later he was for several years connected with the Advance Electric Co., manufacturers of the popular Falck Radio.

And now associated with the Flint A. C. Radio Company, Mr. Stolle will be at liberty, with plenty of financial backing and resources, to serve the radio public with a new treat—The Flint Radios.

## The Day-Fan

How definitely the radio receiver has changed from a sort of novel "plaything" to a musical instrument, was proved by the results of a recent survey.

When five hundred people located in different cities in various sections of the country were asked to give the primary reasons for their ownership of radio sets, enjoyment of music was given first mention four times as often as all other reasons combined. The reception of sporting events stood a poor second in the tabulation of reasons for owning a receiver.

This importance of musical enjoyment was further verified by the vote of these people upon the qualities of a new re-

# Trade News

ceiver that they would consider most indispensable if they were purchasing. Fine tone quality was far away the most important thing which they desired.

Light-socket operation stood high in the list of desirable features.

The Day-Fan, employing eight tubes, gives great sensitivity and power. By using push-pull amplification in the last audio stage they have gained the smoothness which gives perfect reproduction of music and voice.

## Kolster Broadcast

Vincent Lopez, one of the best known broadcast orchestra directors, is now making a series of nation-wide radio appearances on the Kolster Radio Hour, which is being broadcast by the 19 asso-



Vincent Lopez and his Kolster Radio

ciated stations of the Columbia Broadcasting System at 10 o'clock, Eastern Daylight Saving time on Wednesday nights.

The name of Vincent Lopez has been a household word in radio for some six years. He has risen out of the class of popular dance orchestras, and has now gained the position as the best known orchestra on the air.

## Sterling Dynamic

Following one of many exhaustive tests that have been made on Sterling Dynamic Speakers, Ray Johnson, right, head of the radio department, Erner Electric Company, Cleveland, signed up Halle Bros. Co., Cleveland, for another order.

Jack Stirm, center, radio buyer for the department store, is an enthusiastic



Sterling Dynamic Sells Itself

Sterling booster. L. C. Eagan, District Manager of The Sterling Mfg. Co., Cleveland, is the third member of the group.

The Sterling -71 Dynamic Speaker has become popular over night, because of its wonderful reproducing qualities.

It has been designed for the -71 type of tubes.

# Radio Doings

Trade Mark Reg. U. S. Pat. Off.

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J. W. HASTIE  
155 East 42nd Street  
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## DIRECTORY OF DETAILED PROGRAMS

Call Letters	Location	Meters	Page	Call Letters	Location	Meters	Page
KEJK...	Beverly Hills, Cal.	262	70	KHQ...	Spokane, Wash...	370.2	87
KELW...	Burbank, Calif.	228.9	64	KJR...	Seattle .....	348.6	85
KEX...	Portland .....	277.6	82	KLX...	Oakland .....	508	78
KFI...	Los Angeles .....	468.5	54	KMIC...	Inglewood, Cal....	224	68
KFOA...	Seattle .....	447.5	84	KMO...	Tacoma, Wash. ...	254.1	84
KFON...	Long Beach, Cal.	242	74	KMTR...	Hollywood .....	516.9	62
KFQZ...	Los Angeles .....	232.4	72	KNRC...	Santa Monica ...	375	72
KFRC...	San Francisco ...	454.3	80	KNX...	Los Angeles .....	337	60
KFSD...	San Diego, Cal....	440.9	76	KOA...	Denver, Colo ...	326	89
KFSG...	Los Angeles .....	252	77	KOIN...	Portland, Ore. ...	319	83
KFWB...	Hollywood .....	361.8	64	KOMO...	Seattle .....	309	86
KFWC...	Pomona, Cal. ....	221.1	68	KPLA...	Los Angeles .....	288.3	66
KFWI...	San Francisco ...	268	79	KPO...	San Francisco ...	422.3	78
KGA...	Spokane, Wash. ...	260.7	87	KPQ...	Seattle .....	230.6	85
KGEN...	El Centro, Cal....	225.4	82	KQW...	San Jose, Cal....	296	88
KGFH...	Glendale, Cal. ....	263	66	KSL...	Salt Lake City... 302.8	88	88
KGFJ...	Los Angeles .....	212.6	70	KTAB...	Oakland, Cal. ....	288	65
KGO...	Oakland, Cal. ....	384	79	KTBI...	Los Angeles .....	275	77
KGW...	Portland, Ore. ...	491.5	83	KWTC...	Santa Ana, Cal... 221.1	74	74
KHJ...	Los Angeles .....	399.8	58	KYA...	San Francisco ...	352.7	65
				National Broadcasting Co. ...			56

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## Timely Trade Topics

### Chicago Gunmen Hijack Majestics

The following news item was sent out from Chicago, under date of October 19th:

Half a dozen radio dealers in Chicago and some 40 waiting purchasers of Majestic radios were gnashing their teeth today over an unlooked-for delay in securing their anticipated sets. It was brought about early this morning when four masked and heavily-armed bandits hijacked a truck belonging to the wholesale firm of Harry Alter & Co., slugged the driver, Walter Perkins, into submission, and drove off with \$7500 or more in radio equipment which was all ready for plugging into light sockets to furnish untiring entertainment.

The bandits, driving a costly sedan of the type favored by bootlegger hijackers, drove up behind Perkins' laden truck and forced it into the curb on one of the least traveled streets of the Chicago wholesale district. Two of the desperadoes ordered Perkins to dismount, backing up their commands with a pair of threatening automatics, and the other two mounted the truck.

This was the story which Perkins told police officers after recovering consciousness in a secluded glen in Jackson Park this afternoon. He was able to furnish the police with only a meager description of his assailants and their machine.

William C. Grunow, vice-president and treasurer of the Grigsby-Grunow Company, stated today that all of the sets were covered by insurance.

"While radio hijacking is a brand new venture," he said, "we are not surprised that ex-bootleggers would select a truckload of Majestics for their first operations. The sets are so much in demand that it is almost amazing that banditry has not been previously resorted to by unprincipled persons not desiring to wait the few days necessary to receive their sets."

Mr. J. W. Duff, President of the Gold Seal Electrical Company, reports that the sale of Gold Seal Tubes for the first eight months of 1928 show a substantial increase over the corresponding period of 1927.

Due to the confidence of the officers and directors of the company and the industry in general, production was maintained throughout the summer, during which time a considerable inventory was accumulated. Although production has been maintained at maximum daily capacity, the orders have been so far in excess of output that night operation began September 22nd.

By the way, you fans who are connoisseurs of tone quality are overlooking a bet if you don't make it your business to hear the new Wright-DeCoster dynamic speaker. The full output of a 350 push-pull amplifier can't rattle it and the quality is magnificent! Take a tip and call Carl Stone, Westmore 9466, and ask him where you can hear the speaker.

### New S-M Audios

(Continued from Page 36)

for the most rabid high-note fan. In practice, the S-M 255 and 256 combination tends to cut off more sharply with common coupling, rather than to "sing" or hiss as do ordinary transformers.

They are but 2 inches high, 2¾ inches long, and 2¼ inches wide inside two mounting feet. A 255 and a 256, one above the other, are smaller than one S-M 220!

Silver-Marshall engineers believe that a pair of 255 and 256 transformers will provide the finest tone anyone could demand, and that to offer anything better is to "gild the lily."

This audio system is employed in the new Silver-Marshall 720 Screen Grid Six, the new economical kit set which gives so much radio performance for so little money. It gives the set beautiful tone and the tuned screen stages are there with sensitivity.

# APEX



# RADIO

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ALL ELECTRIC  
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