

RADIO DOINGS

RED BOOK OF RADIO

10¢
WEEKLY

*The Radio Authority
of the
Pacific Coast*

Cesali Edwin A
2801 W 39th Place
1-30-29



The Pride of KMIC

Vol. XIII
No. 25

DECEMBER 16-22
1928

SLIDING DOOR CONSOLE 8-TUBE AC CROSLEY



*With Dynamic Power
Speaker and Tubes*

\$195²⁰

Complete

The Newest Model in Radio Cabinets — the Sliding Door Model! Already the Most Popular Design of 1928-29.

CROSLEY SHOWBOX

The AC electric radio that has created so much comment throughout the radio world. Its performance is amazing. Genuine Neutrodyne—8 tubes—self-contained.

DYNACONE

Just as sensational as the Showbox is the Crosley Dynacone—the dynamic speaker for power receivers. Its wonderful tone and clearness of reception is amazing.

SHOWERS CONSOLE

With doors that slide to right and left out of sight.

The loveliest walnut veneers have been selected to create a beautiful surface on this artistic model.

At Your Nearest Crosley Dealer

Exclusive California Distributors

KIERULFF & RAVENSCROFT

RADIO EQUIPMENT



133-141
W. 17th Street
LOS ANGELES

121-131
Ninth Street
SAN FRANCISCO

CROSLEY RADIO

"You're There With a Crosley"

*Here are a few of the Franchised Dealers who will gladly
Demonstrate the Complete Crosley Line for you*

LOS ANGELES

Downtown

Figueroa Radio Shop
937 W. Seventh St.
Tucker 7031

South

De Hoog Brothers
6120 S. Broadway
THornwall 0224

Southwest

L. A. Duncan
2891 W. Pico St.
EMpire 1141

Robinson Radio Shop
4528 So. Western Ave.
VERmont 6683

**Wesenberg Radio Music
Co.**
3915 S. Western Ave.
VERmont 7929

Southeast

Lord Hardware Co.
4525 Central Ave.
HUmbolt 9115

Washington-Vermont

Hamilton & Son
1558 Washington Blvd.
BEacon 0214

West Adams

Metro Radio
4480 W. Adams
EMpire 6223

Westlake

Arcade Radio Studio
743¼ S. Alvarado
DRexel 6859

Alhambra

Lewis Radio Studio
127 West Main St.
Phone 2032

ANAHEIM

Radio Den
134 W. Center
Phone 975

GLENDALE

Shuck Music Co.
211 N. Brand Blvd.
Douglas 417

INGLEWOOD

Mil Zillgitt
110 S. Market St.
Phone 23

LONG BEACH

John J. Sawyer
543 E. Anaheim St.
Long Beach 636-235

Reliable Radio Shop
200 E. 4th St.
Phone 636-450

Ward Bros. Radio Studio
2909 E. Anaheim St.
Phone 347-242

"You're There With a Crosley"

MAGNAVOX "Dynamic" SPEAKERS



The Aristocrat

Beautiful butte burf
walnut cabinet fin-
ished in two tones

For A-Battery
Operation..... \$60
AC Operation... \$70



"FIRST
SPEAKER
FIRST
DYNAMIC"

LICENSED APPEARANCE

DYNAMIC
SPEAKERS

THE MARK OF THE GENUINE

Many Dynamics but all have sprung from Magnavox—the original—the kind used by leading set manufacturers—the dependable one for you to buy. Rich, full reproduction with sweeping volume every tone vividly distinct.

THE MAGNAVOX COMPANY

Oakland, California Chicago, Illinois

Radio and More of It!

RADIO factories the country over are humming with peak production. The persistent demand from countless homes for the high grade, superior receiver that is manufactured today has been quickly absorbing the whole output for months.

This year has very conclusively demonstrated that mass manufacture of radios is no hinderance to a perfectly successful and highly attractive instrument.

In America particularly everything is favorable to the owning of a receiver. The relative prices are far lower than in foreign countries and there are no fees, licenses or restrictions. Broadcasting monopolies are unheard of so that there is always something on the air of real interest to every taste from hundreds of stations.

It is hard to convince people of the truly amazing entertainment and variety that is continually radiating through the atmosphere around them. Making the nominal investment necessary for a set every person can enjoy many happy, if not downright thrilling hours. The perfect reproduction of a modern instrument and the clear receiving conditions just accomplished through the new allocations beckons constantly greater audiences to the use of this remarkable facility.

After the receiver is bought and installed the secret of successful radio entertainment is to know where to find what is wanted. Without that knowledge it is discouraging to tune station after station and still fail to suit that particular mood you are experiencing. To avert this trouble and serve as a reliable program directory RADIO DOINGS features the advance schedules of prominent Western stations. Any radio owner would appreciate such a guide as a Christmas gift.

This coupon is your opportunity not only to please some friend or relative every week of 1929 but its use will successfully express your individuality in a gift.

Tear Here

Mail This Coupon Today

Tear Here

Radio Doings, 407 East Pico Street, Los Angeles, California.

Gentlemen: Please enter a year's subscription to RADIO DOINGS, beginning with Christmas week, for the following. Send a greeting gift card to be received just before December 25th.

Name and Address.....

Name and Address.....

Name and Address.....

Name and Address.....

Name and Address.....

Your Name.....Address.....

RADIO DOINGS, December 15, 1928. Issued weekly at Los Angeles, Calif. Volume 13, No. 25. Subscription \$3.00 a year. Entered as second class matter, November 13, 1922, Los Angeles, Calif., Post Office, under Act of March 3, 1927.

Your Radio Needs!

No Matter What It Is, Our Stock Is Complete and Up-to-the-Minute at All Times and at Your Command, from the Smallest to the Largest Accessory.



BUILD YOURSELF A SET

Here Are a Few to Choose from:

Sargent-Rayment 7
Remler 29 SG Super
Scott Shield Grid Nine
Silver-Marshall 720

Coast-to-Coast Four

Round-the-World Four (Short Wave)

Browning-Drake SG 5
Aero International Four
Power Packs
Public Address
Television

Power Amplifiers
Magnavox Dynamics

NAME IT—WE HAVE IT

"The Parts Warehouse of the West"

RADIO SUPPLY CO.

H. A. DEMAREST, President

912-914 S. Broadway

VA. 6063

Los Angeles, Calif.

WHOLESALE

Largest Radio Parts Jobber West of Chicago

KITS or PARTS

RECEIVING AND TRANSMITTING

Always a Complete Stock

Watch This List of Parts for Changes

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

DEALERS: Park Next Door At Our Expense

RADIO SUPPLY CO.

H. A. DEMAREST, President

912-914 S. Broadway

VA. 6063

Los Angeles

WHOLESALE

Largest Radio Parts Jobber West of Chicago

The Extra Tube

In the New

DAY-FAN

Means
DX With a Wallop!

Price
\$157.50
Less Tubes



Beautiful
Burl
Walnut
Cabinet

Excellence in Performance and Beauty

This set is new in design, in simplicity and the extra tube gives an increased range, volume and selectivity that makes Day-Fan the greatest performer of them all.

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.

A Day-Fan for Christmas Will Be Appreciated By the Whole Family

Console Model, \$297.50 - Console, \$215.00
Less Tubes

Dealers: A few choice districts still open.

Exclusive Southern California Distributors

C. C. LAWTON CO.

1125 Wall St.

Westmore 3960

Los Angeles

The Powerful DAY-FAN

Means

DX With a Wallop

Let One of These Dealers Show You:

SOUTHWEST LOS ANGELES

Martin's Radio Shop

3910 S. Western Ave.
UN. 3190

Open Evenings Till Nine

HUNTINGTON PARK

S. E. Cummins

Phone for Demonstration in
Your Home
Phone DE. 7764
2116 Mortimer Ave.
Out Santa Fe, in 6700 Block

WEST LOS ANGELES

Rimpau Radio

4808 W. Washington
WH. 3061

Open Evenings till 10 P. M.
10 A. M. to 4 P. M. Sundays

PASADENA

Roberts Radio

FRANK THOMAS, Mgr.
Lake Ave. at Orange Grove
Sterling 7305
Evenings Till Nine

BEVERLY HILLS

G. & L. Electric Co.

436 N. Canon Dr.
OX. 3003

Open Evenings

POMONA

Schwartz & Heimerl

228 W. Second St.
Phone 795

Open Evenings - Easy Terms

WEST HOLLYWOOD

R. N. George Co.

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GR. 5274

Open Evenings - Easy Terms
Trade in your old Radio

SANTA ANA

Preston Radio Co.

211 E. Fourth St.
Phone 695-J

Open Evenings

LONG BEACH

Cobler Radio Shoppe

216 Pine Avenue
Phone 627-29

Open Evenings Convenient Terms

CYPRESS

Vern's Radio Shop

Priddy Bldg.
Phone Anaheim 8711-J-1

Open Till 7 P. M. Convenient Terms
Also Handling Crosley



*Falck
Model 6A
Complete
with 8 tubes
and genuine
Magnavox
Dynamic
Speaker—\$160*

Give a FALCK and get more Thanks!

Hunt East, West, North or South—you will not find the equal of this Los Angeles-made radio in all 'round value. It is a gift that pleases *everyone*. Enduring all-electric efficiency, distance, accurate selection, single dial tuning convenience, tonal perfection, elegant appearance—everything a radio lover could want is in this 8-tube Falck Model 6A, with the new power-type Magnavox Dynamic Speaker. And only \$160 complete! Think of it.

Falck

ALL-ELECTRIC* RADIO

*Since August, 1926

Any of the dealers listed below will be glad to demonstrate the new Falck Radio Models 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.
2214 Allessandro St. OL. 3616.
Walter F. Browne Radio Studio
4508-10 Hollywood Blvd. OL. 4783.
Coast Furniture Co.
861 Figueroa St. TU. 1651.
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.
Eddie's Electric Shop
3408 Glendale Blvd. OL. 4209.
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.

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.

GLENDALE—Roche Radio Service
1148 N. Central Ave. Douglas 5218.

LA HABRA—P. & M. Radio Store
109 W. Central Ave. 8565.

LONG BEACH—Kelm Radio Co.
147 E. 4th St., Cor. Locust. 618-329.

Volland's Radio Studio
652 American Ave. Tel. 618-355.

Ward Bros. Radio Studio
2909 E. Anaheim. 347-242.

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

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

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

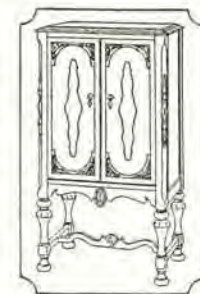
WATTS—Clark & Ischer
9625-9627 Holmes Ave. DE. 1254-R1.

Falck Models

Climax Model—\$99.50. Six tubes, including rectifier tube. All-electric operation. Completely self-contained in an artistic console cabinet. A wonderful set at this low price.

Falck Model 6B—\$139.50. An eight-tube, single dial controlled set. Improved built-in cone speaker. Completely enclosed in a beautiful walnut cabinet.

Model 6A—\$160.00. Eight tubes including 4 Radio Frequency tubes and Rectifier tube. Built-in power type genuine Magnavox Dynamic Speaker. Beautiful walnut cabinet.



Manufactured and Guaranteed by

ADVANCE ELECTRIC COMPANY

1260 W. Second St. Los Angeles, Calif.

Pioneer Manufacturers of Radio Equipment

Read what the money these fellows have made in the RADIO BUSINESS

\$375 One Month Spare Time



"Recollect I made \$375 in one month in my spare time installing, servicing, selling Radio sets. And, not so long ago, I earned enough in one week to pay for my course."
LAMBE CUMMINGS,
 30 Webster St., Haverhill, Mass.

\$1597 in Five Months



"The N. R. I. is the best Radio school in the U. S. A. I have made \$1597 in five months. I shall always tell my friends that I owe my success to you."
HENRY J. NICKS, Jr.,
 302 Safford Ave.,
 Tarpon Springs, Fla.

\$1164 Spare Time Profits



"Look at what I have made since I enrolled, \$1164—money I would not have had otherwise. I am certainly glad I took up Radio with N. R. I., I am more than satisfied."
HENRY B. HEIKKINEN,
 123 W. Erie St., Chicago, Ill.

Over \$1000 in Four Months



"My opinion of the N. R. I. course is that it is the best to be had at any price. When I enrolled I didn't know a condenser from a transformer, but from December to April I made well over \$1000 and I only worked in the mornings."
AL JOHNSON,
 1409 Shelby St., Sandusky, Ohio.

I will show you too how to start a spare time or full time Radio Business of Your Own without capital



J.E. SMITH Pres.

Radio's amazing growth is making many big jobs. The world-wide use of receiving sets and the lack of trained men to sell, install and service them has opened many splendid chances for spare time and full time businesses.

Ever so often a new business is started in this country. We have seen how the growth of the automobile industry, electricity and others made men rich. Now Radio is doing the same thing. Its growth has already made many men rich and will make more wealthy in the future. Surely you are not going to pass up this wonderful chance for success.

More Trained Radio Men Needed

A famous Radio expert says there are four good jobs for every man trained to hold them. Radio has grown so fast that it simply has not got the number of trained men it needs. Every year there are hundreds of fine jobs among its many branches such as broadcasting stations, Radio factories, jobbers, dealers, on board ship, commercial land stations, and many others. Many of the six to ten million receiving sets now in use are only 25% to 40% efficient. This has made your big chance for a spare time or full time, business of your own selling, installing, repairing sets.

I Will Train You At Home in Your Spare Time

I bring my training to you. Hold your job. Give me only part of your spare time. You don't have to be a college or high school graduate. Many of my graduates now making big money in Radio didn't even finish the grades. Boys 14, 15 years old and men up to 60 have finished my course successfully.

You Must Be Satisfied

I will give you a written agreement the day you enroll to refund your money if you are not satisfied with the lessons and instruction service when you complete the course. You are the only judge. The resources of the N. R. I. Pioneer and Largest Home-Study Radio School in the world stand back of this agreement.

So Many Opportunities You Can Make Extra Money While Learning

Many of our students make \$10, \$20, \$30 a week extra while learning. I'll show you the plans and ideas that have proved successful for them—show you how to begin making extra money shortly after you enroll. G. W. Page, 1007-21st Ave., S., Nashville, Tenn., made \$935 in his spare time while taking my course.

I Give You Practical Radio Experience With My Course

My course is not just theory. My method gives you practical Radio experience—you learn the "how" and "why" of practically every type of Radio set made. This gives you confidence to tackle any Radio problems and shows a plan for your pay envelope too.

You can build 100 circuits with the Six Big Outfits of Radio parts I give you. The pictures here show only three of them. My book explains my method of giving practical training at home. Get your copy!

Get My Book

Find out what Radio offers you. My 61-page book, "Rich Rewards in Radio" points out the money making opportunities the growth of Radio has made for you. Clip the coupon. Send it to me. You won't be obligated in the least.

This book points out what Radio offers you. Get a copy!



Address

J. E. Smith, Pres.
Dept. 4464

National Radio Institute
Washington, D. C.

This coupon is good for a FREE copy of my Valuable Book. Mail it NOW!

J. E. Smith, President
 Dept., 4464
 National Radio Institute, Washington, D. C.

Dear Mr. Smith: Send me your book. I want to know more about the opportunities in Radio and your practical method of teaching at home in spare time. This request does not obligate me to enroll and I understand no agent will call on me.

Name..... Age.....
 Address.....
 City..... State.....



Radio Topics of the Day

A Weekly Review of Radio News, Thought and Opinion

A MESSAGE FROM OUR COMMISSIONER

The following letter, sent out by Mr. Harold Lafount to the listeners of his zone, who have reported to him their views of the new allocation plan, is intended to clear up any confusion on the part of the public in regard to the why and wherefore of the new set-up:

"Under the 1928 Radio Act (Davis Amendment), the Commission is ordered to re-distribute the wave lengths and other radio facilities equally among the citizens of the nation, that is, to States according to population. This meant that from certain sections heretofore enjoying an excess or high degree of radio service, wave lengths have had to be withdrawn, and transferred to less favored States and sections.

"The Reallocation of November 11th faithfully carried out this redistribution and all parts of the nation now have their proportions of the radio total, based on population, in compliance with the mandate of Congress.

"Each State and section, now also has its appropriate share of the various positions on the dial.

"While the deruction of radio service in certain parts will occasion some inconvenience, it is believed that citizens thus deprived will cheerfully accept this equalization and re-distribution, knowing that the facilities thus lost by them are being made available to other American citizens in other parts of the country which formerly had little or no radio service."

COMMISSION SAYS PUBLIC APPROVES REALLOCATION

In the first official word expressed on the subject, the Federal Radio Commission contends that the new reallocation of wavelengths is a success.

"It was naturally expected that a large number of complaints and pro-

tests would flow into the commission's offices at Washington," the commission announces. "These complaints have materialized, but analysis of the letters reaching the commission shows that the complaints have been chiefly centered about five or six specific local cases of station time-sharing or interference, while comparatively little general protest or complaint about the allocation has developed in contrast with what might have been expected from a radio audience numbering forty millions of people.

"On the other hand, it had been supposed that little or no favorable or approving comment would find its way into the commission's mail, on the theory that pleased listeners would not take the trouble to write. Here again a surprise faced those thus predicting the human reaction, for several hundred telegrams and letters already received from all parts of the country, tell eloquently of the writers' appreciation of the relief afforded to radio listeners, and particularly to those whose locations away from the large cities force them to depend upon distant stations for their regular programs.

TRADE COMMISSION MAY QUASH TUBE COMPLAINT

In view of the recent decision of the Supreme court of the United States in refusing to review the so-called tube case of the Radio Corporation of America against the receiver for the De Forest Radio Company, some action is due in the near future by the Federal Trade Commission.

The Trade commission several years ago issued a complaint against the Radio Corporation of America, claiming, among other things, that the corporation is a monopoly. That case has never been decided, but it is expected that the motion to dismiss the case, which is now pending before the commission, will be taken up shortly.

KENNEDY

The Royalty  of Radio

Born to the Purple
The Latest and Most Distinguished Receivers of a
Royal Ancestry



The performance of the latest model Kennedy receivers reach new heights and attain that vibrant, living realism sought by the connoisseur. The operation is outstandingly simple and literally places a world of entertainment at your finger tips.

Royal Eighty I

Combination radio receiver and phonograph. A beautiful dark walnut console cabinet with full swinging doors and all built-in features, including Record compartments.

The very latest type electric motor combined with the powerful 8-tube Kennedy receiver, operating a power Dynamic Speaker, makes this instrument the peer of radio-phonograph combinations.

Exclusive Wholesale Distributors

C. W. Smith Co.

407 E. Pico St.

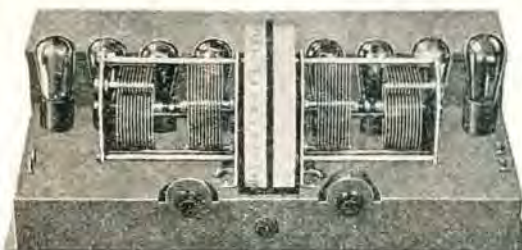
Suite 506

Tel. WE. 9466

Los Angeles

KENNEDY

The Royalty  of Radio



The Kennedy All-Electric receiver was designed by some of the best engineers in the radio industry. Electrically and mechanically perfect. Rigid steel chassis and rugged construction throughout. New type, staggered, four ganged condensers operated by single Patented drum dial. 8 tubes, including Type 280 full wave rectifier. Circuit employs two Type 171 power tubes in push-pull amplification.

Royal Eighty II

A beautiful dark walnut highboy console with full swinging doors. The latest type built-in Dynamic Speaker.

Extreme selectivity and sensitivity, with worlds of power and volume. Exact reproduction from the high treble to the low bass.

The best All-Electric Dynamic type console offered to the radio public this season.

The complete line of Kennedy Models on display at our showrooms. Let us demonstrate them to you.

Dealers: Colin B. Kennedy originated the idea of exclusive franchises for Radio dealers. The new Kennedy line will be merchandised the same way.



Exclusive Wholesale Distributors

C. W. Smith Co.

407 E. Pico St.

Suite 506

Tel. WE. 9466

Los Angeles

No. 40 of a Series.



*A Gift of a
JENSEN
Speaker
Will Please
the Whole
Family*

The family that finds a Jensen Speaker on Christmas morning, has been given—not a thing—but years of radio entertainment. For a Jensen gives to any good radio the means by which it can provide increasing pleasure. Its utterly faithful reproduction combined with the charm of its newly designed cabinet, makes the Jensen Speaker a handsome present, of which both the donor and receiver will be justly proud.

JENSEN RADIO MFG. CO.

212 Ninth Street

Oakland, Calif.

Exclusive Southern California Distributor

YALE RADIO ELECTRIC CO.

1111 Wall Street

Los Angeles

Distributed in the West by

P. W. Gavlin Co.
1163 Front St., San Diego
Stubbs Electric Co.
75 Sixth St., Portland, Ore.

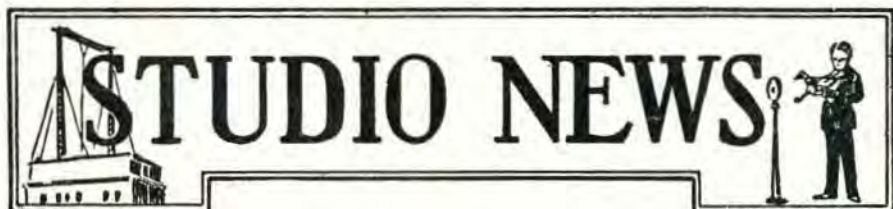
Robert Weinstock, Inc.
643 Mission St., San Francisco
Harper-Meggee, Inc.
4th at Blanchard, Seattle, Wash.
Harper-Meggee, Inc.
214 Howard St., Spokane, Wash.

The Motor Hdwe. Equipment Co.
San Diego, Calif.
Pacific Wholesale Radio, Inc.
Folsom at 7th St., San Francisco

**JENSEN
DYNAMIC SPEAKER**

“The Finest in Radio”

Licensed under Magnavox Patents.



STUDIO NEWS

The cover shows the powers behind the microphone at KMIC. They are reading from left to right, Mildred Jean, noon announcer; Little Eva Barnes, blues singer; James R. Fouch, owner of KMIC and KFWC; Mrs. Mabel Barnes, of "Mabel's Cooking Hints" fame; "Little Eddle" Barnes, Studio Director and Program Manager; Marie Hocking, studio organist and accompanist; and C. B. Olmstead, operator.

KFI will present a Christian Science Lecture by John Ellis Sedman, C. S., of Cambridge, Massachusetts, on Monday, Dec. 17, at 12:10 p. m.

John Daggett, beloved by thousands as Uncle John of KHJ, is conducting a half-hour Children's Program over KNX on Wednesdays and Fridays, at 6:30 p. m. Those who enjoyed his Uncle John hour over KHJ will want to tune in, as these programs are done with the assistance of several small children, as they were formerly.

"From a Ming Vase" is the intriguing title of a new program to be given over KPRC, next Thursday, at 8 p. m. This will be the first of a series of programs by John Eugene Hasy, called "Tales from An Antique Shop."

The Haines Sisters, popular Public Theaters entertainers of New York, will be heard for the first time in the West over KPLA Sunday, December 16th, from 10 to 11 p. m.

Cass Hagan and His Orchestra, featuring Red Nichols and His Original Five Pennies Orchestra are broadcasting over KTM, from the Plantation, every night except Sunday, from 1 to 12 p. m.

Thursday, December 20th, KOIN will present a program of dance music from the lounge room of the Broadway Theater, beginning at 10:30 p. m.

Laurita Nance and Mildred Brotzman are being featured in blues songs over KGFJ every Sunday, from 1:30 to 3:30 p. m., and every night, from 10:30 to midnight.

KSL brings "The Victory Hour" Male Quartet before the microphone at 7:30 p. m., Wednesday, December 19.

Don Lee Christmas Party is the name of a program to be broadcast over KHJ on Saturday, December 22, at 8 p. m.

Red Wyatt who, for several years, has been entertaining listeners-in with his songs done to a uke accompaniment, is to be heard over KFI Thursday, December 20, from 6:30 to 7 p. m.

KEJK will present "A Night in Spain," featuring the Spanish Troubadours and other exclusive KEJK artists next Thursday evening, from 9 to 10.

Another delightful program by Loren Powell's Little Symphony, featuring Eva Olivotti, soprano, will be heard over KMTR, Tuesday evening, from 10 to 11.

Dolores Cassenelli and Los Sevillanos will entertain Tuesday, December 18, from 7:30 to 8 o'clock, through NBC System stations from the New York NBC studios. KHQ, KOMO and KGO will broadcast this program.

Vincenzo Pometti's Concert Orchestra will be heard over KFWB Monday, December 17, from 9:30 to 10 p. m.

Griffin Joins Pacific Wholesale, Inc.

The appointment to the position of director of sales of C. W. Griffin, recognized as one of the ablest radio executives in the West, marks another forward step in the meteoric career of Pacific Wholesale, Inc., Southern California distributor for Sparton Equasonne radio receivers.

In less than two years Pacific Wholesale has advanced from practically a standing start to a position of commanding importance in the Pacific Coast

knowledgeable in the East as well as the West.

"As we look back upon our humble beginning and realize the progress we have made in the last two years, we feel encouraged to believe that yet greater things are ahead of us," said Mr. Fagan. "Sparton always has been, to my mind, the peer of all all-electric receivers, just as it was the pioneer of all all-electric receivers. But in the revolutionary new Equasonne receiver we have something that we believe to



C. W. Griffin

Walter Fagan

Donald Keith

radio field. While nationally, Sparton Radio has progressed from 67th place to fourth place in three short years, Sparton's strides on the Coast, under the leadership of Walter M. Fagan, president of Pacific Wholesale, have been even more spectacular.

Mr. Griffin, the newest acquisition to Pacific Wholesale executive ranks, was for the last three years sales manager for Ray Thomas, Inc. His knowledge of radio, his acquaintance with the radio retailers, is said to be unsurpassed by that of any man in the West.

In Pacific Wholesale, he joins a picked organization, headed by Walter M. Fagan, who has spent his entire adult life in electric appliance and radio merchandising. Associated with him also is Donald Keith, a business systematizer and organizer who is ac-

be infinitely superior to any other circuit ever created—far, far better than even the most advanced of Sparton sets were a year ago.

"To have done as well as we have with Sparton as it was is a challenge to all of us to do still better with Sparton as it now is. And when I say 'we' I include all that splendid corps of progressive radio retailers who have marched shoulder to shoulder with us in our advance of the last two years. Without their loyalty and their cooperation and the fine spirit that they have displayed, we could not have done what we have done, and we would hesitate to undertake what we propose to do. But, knowing the mettle of our co-workers as we do, we face with confidence the most pretentious program for 1929 that any local radio distributor ever has considered."

The Sparton Equasonne

Is Startling the Radio World

Call One of These Dealers for Demonstration

DOWNTOWN

**Birch-Smith
Furniture Company**

Usual Birch-Smith Terms

737 So. Hill St. TRinity 4121

VENICE BLVD.

H. H. Walker

Liberal Trade-in. Terms to Suit

1323 Venice Blvd. Beach 1311

SO. WESTERN AVE.

*Free Demonstration
Convenient Terms*

Robinson Radio Shop

Open Evenings

4528 So. Western Ave. VE. 6683

SANTA BARBARA AVE.

Every Minute Service

C. & G. Elec. & Radio Co.

Demonstrations that will Convince

1501 W. Santa Barbara VE. 5205

HUNTINGTON PARK

Radio is our Business—Not a side line

P. A. Dougherty

*6 Years in Huntington Park Selling
High Grade Radios*

6324 So. Pacific Blvd. DE. 4852

SANTA MONICA

Free Home Demonstration

F. C. Bobsene

421 Santa Monica Blvd. S. M. 255.32

PASADENA

F. C. Nash & Co.

Convenient Terms

Colorado at Broadway

Colorado 5311 ELliot 3750

SAN PEDRO

Exclusive Radio Store

Pacific Radio Store

Oldest in San Pedro

1102 Pacific Ave. Phone 429W

REDONDO BEACH

A. H. Costley

Terms :: Home Demonstrations

200 So. Pacific Redondo 2473

SAN DIEGO

Exclusive Radio Shop

Reynolds Radio Shop

Every Minute Service

3636 University Ave. Hillcrest 7363

This new Sparton Equasonne is the greatest radio the world has ever known at any price. And don't you buy a radio until you have heard it

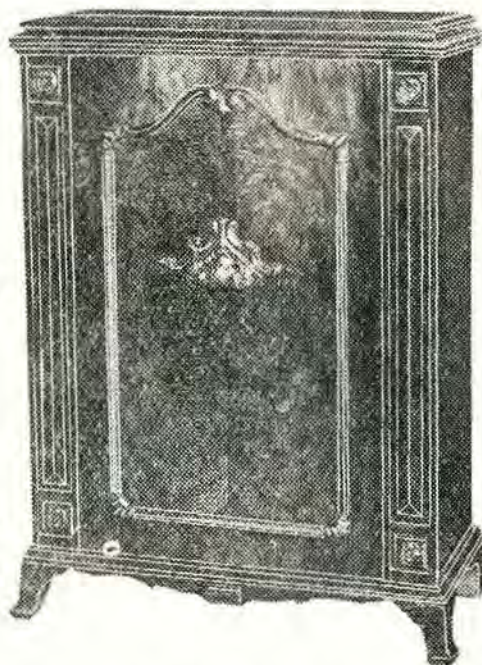
Walter M. Fagan
Pacific Wholesale, Inc.

And Now....
you can depend
upon your

SPARTON EQUASONNE RADIO

for Christmas!

This Splendid
Senior Console Model,
COMPLETE, \$395.00
Other models from
\$210 to \$925 com-
plete, and Christmas
Delivery
is Guaranteed.



At the very moment this page leaves the press, the SPARTON CHRISTMAS SPECIAL is rolling into the East Yards of the Union Pacific in Los Angeles. On this Special, rushed at express-train speed across half the continent, is your CHRISTMAS SPARTON EQUASONNE Radio. You can depend upon Christmas delivery, if you place your order now. Go to any Sparton Dealer listed on the next page; reserve your set for Christmas. Walter M. Fagan, president of Pacific Wholesale, Inc., Southern California Sparton Distributor, personally guarantees Christmas delivery.

SPARTON EQUASONNE

THE PIONEER ALL-ELECTRIC RADIO

SPARTON RADIO

"The Pathfinder of the Air"

The Authorized Sparton Dealers listed below will gladly demonstrate the new sensational Equasonne in your home without obligation.

- Los Angeles**
AMERICAN ELECTRIC CO., INC.
2409 S. Vermont Ave. BE 0870.
ANGELUS RADIO SHOP
4208 Santa Monica Blvd. OL 7743.
ASSOCIATED RADIO SERVICE CO.
4136 Beverly Blvd. WA 0255.
AVALON RADIO SHOP
5225 Avalon Blvd. AX 0527.
BARKER BROS.
7th and Figueroa. ME 1840.
6524 Hollywood Blvd. HO 4211.
BAKER & FITZGERALD
2603 W. 54th. VE 4194.
BECKMAN & ROUND, INC.
4279 S. Vermont Ave. VE 0874.
BIRCH-SMITH FURNITURE CO.
737 N. Hill St. TH 4121.
BIRONG & BUSHARD
1717 W. Adams. DE 2456.
BOB BROWN'S RADIO SERVICE
4563 S. Figueroa. HU 2192.
BOSWELL BROS. & BENSON
Eighth and Alvarado. DH. 7721.
WALTER F. BROWNE
4508 Hollywood Blvd. OL 4783.
C & B ELECTRIC CO.
1501 W. Santa Barbara. VE 6208.
BAYLORD RADIO & ELECTRIC
6018 S. Vermont Ave. TH 7015.
HARDING & GOODAN, INC.
7402 Beverly Blvd. OR 1131.
JENKENS RADIO STORE
8450 S. Broadway.
LOVINGER'S MELROSE RADIO SHOP
4436 Melrose Ave. OL 4401.
MANCHESTER RADIO & ELEC. SHOP
152 E. Figueroa Blvd.
NORTON & NORTON
2211 N. Broadway. CA 0454.
OTTO K. OLESEN
1560 N. Vine. GL 7194.
ROBINSON RADIO SHOP
4528 S. Western Ave. VE 0683.
MAX A. SCHIREBOHN
307 N. Main. VA 5907.
STANDARD RADIO CO.
417 W. Pico St. WE 1550.
TOBEY RADIO STORE
8405 Santa Monica Blvd. CR 8201.
VERMONT MUSIC CO.
826 S. Vermont Ave. DE 8229.
VICK'S FURNITURE CO.
8529 S. Vermont Ave. TH 1352.
H. N. WALKER
1323 Ventura Blvd. RE 1311.
WESTBROOK & HURST
5624 Pasadena Ave. GA 6930.
WILSHIRE MUSIC CO.
605 S. Western Ave. WA 5872.
YOUNG'S RADIO & MUSIC CO.
613 W. Santa Barbara Ave. HU 7041.
- Southern California**
ALHAMBRA:
Alhambra Radio Photo Shoppes
ANAHEIM:
Danz Piano Co., 152 W. Center. 302.
Knappe Music Co., Phone 1398
AZUSA: Clayton's Radio Shop
150 E. Foothill Blvd. Covina 383-34.
BAKERSFIELD: Urner & Jones
1604 19th St. 1220.
BALDWIN PARK: W. E. Walters
221 W. Cortina Blvd. Covina 674-23.
BANNING: Bruce Denney
Box 525. Phone 225.
BELLFLOWER: W. W. Werner
381 Somerset Ave.
BEVERLY HILLS: Beverly Hdws. Co.
421 Beverly Dr. OX 7133.
BRAWLEY: Imperial Valley Hdws. Co.
BURBANK: Glen Oaks Radio Shop
325 E. Glen Oaks Blvd. Phone 772.
Narwood's, 220N. San Fernando Blvd.
492.
CAFFRICO: Imperial Valley Hdws. Co.
CHINO: Geo. Perry. Phone 5111.
COLTON: Henderson Furniture Co.
- COMPTON:** Compton Music Co.
239 E. Main St. Phone 5253.
CORONA: Coplan Radio Co.
320 W. Sixth St.
CORNADO: Coronado Radio Elec. Co.
1120 Orange Ave. Phone 608.
COVINA: Kirby Peyton
Phones 45002 or 21101.
CULVER CITY: Radio Electric Shop
7023 Main St. Phone 2902.
DOWNEY: H. F. Myers
223 N. Crawford Ave. Phone 4146.
EL CAJON: Lyon Appliance Co.
Phone 541.
EL CENTRO: Imperial Valley Hdws. Co.
ELSINORE: Calkins Electric Co.
224 Graham Ave. Phone 801.
ENCINITAS: Wade M. Putnam
Phone 31-J.
ENCINO: E. R. Weber
17184 Ventura Blvd. Van Nuys 6011-J2
ESCONDIDO: Young's Music Co.
128 E. Grand Ave. Phone 44.
FALLBROOK: E. S. Walton
FULLERTON: Nelson-Fallone Music Co.
110 N. Spadra. Phone 620.
GARDENA: Don Spears, 809 W. 185th
Street.
GLENDALE:
Russell-Pierce Furn. Co.
1800 S. Brand Blvd. Douglas 83.
Shuck Music Co.
309 N. Brand Blvd. Phone Douglas
417.
GLENDORA: Kirby Peyton
108 N. Michigan Ave.
Covina 45002 or 21101.
HEMET: Robert Record,
HERMOSA BEACH: A. A. Estes
1327 Hermosa Av. Redondo Beach 4266
HOLTVILLE: Imperial Valley Music Co.
HUNTINGTON PARK: P. A. Dougherty
4324 S. Pacific Blvd. DE 4852.
INGLEWOOD: Aylsworth Electric Co.
111 N. Market St. Phone 113.
LA CRESCENTA: La Crescenta Valley
Radio & Auto Shop
2850 Michigan Ave. Phone 624.
LA HABRA: E. L. Lueth
Whittier 8582.
LA JOLLA: C. H. Mesner
927 Silverado. Phone 655W.
LA MESA: La Mesa Music Co.
Box 814. Phone 130-J.
LA VERNE: La Verne Radio Shop
Phone 1277
LENNOX: Glyn Electric Radio Co.
14001 Eastborne Blvd.
LONPOC: Rudolph Grocery & Hdws.
LONG BEACH: J. P. Anderson
1099 Wardlow. 414-654.
Barker Bros.
222 American Ave. 47-57 or 614-52.
Harris Radio Service
192 Corona Ave., Belmont Shore
Jensen Radio Co.
107 American Ave. Phone 607-50.
McCreary Music Shoppes
228 Pine Ave. Phone 640-14.
Mills Electric Co.
326 Pine Ave. Phone 640-61.
MONROVIA: Claude Chess Radio Store
Main 458.
MONTEBELLO: White Auto Elec. Co.
Phone 197.
NATIONAL CITY: Nelson-Smith Mer-
cantile Co. Phone 207-R.
NORWALK: Norwalk Electric Shop
237 Front St.
OCEAN BEACH: Strand Radio Co.
San Diego. Bayview 0212.
OCEAN PARK: Pier Ave. Radio Co.
142 Pier Ave. Santa Monica 613-22
ONTARIO: R. J. Tesby
245 N. Euclid Ave. Phone 784.
ORANGE: Cossett's Radio Shop
190 W. Chapman Ave. Phone 40.
Foster & Barker Music Co.
111 S. Glassell Ave.
- OWENSMOUTH:** Earl M. Haas
21523 Sherman Way. 20 R.
OXNARD: Geo. P. Austin
120 Fifth St. Phone 452-R-1.
PASADENA:
F. C. Nash & Co.
Colorado and Broadway. EL 3750.
Electro-Motive Corp., 817 E. Colorado
Terrace 5155.
Henry Wood, 1447 N. Lake.
Niagara 2510.
Scribner & Knapp
1707 E. Washington. Ste B-1018.
POMONA: Harrison-Fitch Electric Co.
383 W. 2nd St. Phone 12-50.
J. D. Thorn, Jr.
320 W. Second St.
PUEBLO: H. P. Gereken
107 S. Main St. Phone 530-32.
REDLANDS: Russell Electric Co.
7 W. State St.
REDONDO BEACH: A. H. Costley
Phone 2473.
RIALTO: C. D. Young
138 S. Riverside Ave.
RIVERSIDE: Etela E. Webb
1099 Main St. Phone 129.
ROSEMead: Rosemead Radio Elec. Co.
1617 Valley Blvd. Alhambra 5043-J.
SAN BERNARDINO:
L. D. Spence, California Hotel. 423-29
SAN DIEGO:
Edmondson Radio & Electric Co.
2314 Adams Ave.
Hancock Music Co.
3006 University Ave.
Harris Radio Co.
120 W. Broadway. Franklin 3034
Pribnow's Radio Studio, 383 Hancock
The Radio Shop
101 Port Ave. Main 5542.
Reynolds Radio Shop.
3836 University Ave. Hillcrest 1368.
Rogers Radio Shop
406 B St. Franklin 3770.
SAN DIMAS: Joe Waltersheid
138 W. Honita Ave. Phone 1176.
SAN FERNANDO: Mission Pharmacy
301 Port Ave.
SAN JACINTO: Lloyd Record's Garage
Phone 120.
SAN LUIS OBISPO: Cline's Electric
Shop, 886 Monterey. Phone 312-W.
SAN PEDRO: Pacific Radio Store
1102 Pacific Ave. Phone 429-W.
SAN YSIDRO: Radio Art Studio
Thula Vista 8712-R-3.
SANTA ANA:
Robertson Elec. Corp.
303 N. Main St. Phone 2240.
Foster & Barker, 309 W. 4th St.
SANTA BARBARA: E. F. Rogers & Son
928 State St. Phone 4187.
SANTA MONICA: Fred J. Bobbans
421 Santa Monica Blvd. Phone 255-35.
SANTA PAULA: The Music Box
Phone 408.
SIERRA MADRE: Radio Shop
1 Geo. M. McRoberts, Jr.)
UPLANDS: R. J. Tobey
229 2nd Ave. Ontario 829.
VAN NUYS: Vanderlip's Elec. Store
4328 Van Nuys Blvd. Phone 790.
VENTURA: J. C. Neville
39 S. Oak St. Phone 2504.
WATTS: Thos. J. Stevens & Sons
1008 E. 103rd St.
WHITTIER: Farmers' Hdws. & Paint
Co., 109-111 N. Greenleaf Ave.
Phone 426-38.
WILMINGTON:
Wilmington Radio Elec. Co.
119 W. Anaheim. Phone 1105.
Wilmington Hardware Co.
290-300 Avalon Blvd. Phone 1250.
- Arizona**
SOMERTON: Imperial Valley Hdws. Co.
YUMA: Imperial Valley Hdws. Co.

\$5.00 **DYNAMIC** **\$5.00**
Down **SPECIAL** *Per Month*



\$55.00
Cash Price

This Beautiful Table with Jensen AC Dynamic Speaker Makes
 an Ideal Christmas Gift

We Also Carry the Following Radio Speakers that May Be
 Purchased On Very Easy Terms

Magnetic Type

Atwater Kent
 Western Electric
 Rola
 Utah

Dynamic Type

Rola
 Magnavox
 Peerless
 Jensen
 Pemco

Phone TRinity 4281 for Free Demonstration

Established 1904

J. C. RENDLER

625 S. MAIN ST.

Opp. P. E. Depot

LOS ANGELES



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

Glendale, Nov. 26, 1928.

DX Club, Radio Doings,

Up until last Tuesday I had not been more than slightly interested in DX reception, and was fat and rosy; but today I am greatly interested in DX reception, and am not so fat. The reason for the sudden change is this: Last Tuesday I got delivery on one of the new Sparton Equasonne battery model, nine-tube sets. Almost enough said; but I will go a little further and tell the lads and lassies of radio-land just what this new set has brought in to date. The local stations being too numerous to mention, I shall not list stations close to Glendale, but shall start with KFSD, KWTC, KFRC, KQW, KTAB, KFRC, KPO, KWTC, KGO, KLX, KFWI, KGW, KEX, KOIN, KOMO, KJR, KFOA, all these on the coast. These inland: KWKH, WJBT, WENR, WOR, WGN, WMAQ, WJR, WLAC, WLW, WCCO, WBAP, KFKB, KOA, KOIL, KOB, KJA, KMOX, KSL, KFAD, KFBU, CNRV. Also the Japs, JOAK, JOBK, and two that sounded like Japs which I could not catch. We will wind up with 4QG, Australia.

All of these stations were heard by three or more witnesses whom I was able to keep awake by frequent doses of strong coffee.

In closing, I want to state that the new Radio Doings Call Book has been my constant companion in these rambles out into the ether, and I consider it the greatest book of its kind on the market today; absolutely indispensable to a real DX hound.

Would consider it an honor to become a member of your club.

Very sincerely yours,

C. M. STONE,

306 N. Central Ave., Glendale, Calif.

SECOND PRIZE

DX Club:

The best part of Radio Doings is the DX Club. I always enjoy reading what the DX Club members get, and then I see how the Short Wave Club is coming along. Due to the new reallocations these easterners come in like locals, WGN, WLAC, KWKH, KDKA, WBT, KSTP and KMOX. Here are my best stations in the order received: WGN, WENR, KOW, KGHL, KTNT, KMMJ, CNRV, KMOX, KPCB, KFQW, KXL, WBAP, KFAB, KMA, W8XAL, WLAC, KPOF, WRUF, 9XF, KFXJ (50 watts), KFNF, KFCB, KDKA, JOAK, JOBK, WMAQ, WHT, WOAI, JOHK, KPRC, KLDS, KFBB (50 watts), WAAW, WFAA, KFKB, KVL, WJJD, KTSa, WLW, PWX, WHAS, KXA, KGA, KSTP, KSAC, KAH (Reno, Nevada, can't find this in any call book), KWKH, WBT, WHO, KRLD, WKBW, KTHS, KPJM (15 watts), WDAG, WJR, WIBW, WCCO, and WNAX. I have a Radiola 30, with a 100-ft. outside aerial. Two of the Japs are already verified. Have received 115 stations already, and hope to get 85 more before the DX season is over.

RUBIN BROWN,

144 San Gabriel,

Sierra Madre, Calif.

DX Club:

Please accept my application for member of the DX Club.

I have a Majestic 71, with a 85-ft. aerial, and use a cold water pipe for a ground. Since Nov. 5th I have logged the following:

KGB, KFSD, KQW, KTAB, KFWM, KLX, KFWI, KYA, KPO, KFRC, KOIN, KEX, KGW, KOMO, KFOA, KJR, CNRV, KSL, KOA, KDYL, KOB, KFAD, KOIL, KFAB, KPRC, KWKH, WOAI, WFAA.

(Continued on Page 46)

BT Counterphase 8 — World's Greatest Radio — Sold with a Distance Guarantee. H. A. Everest, 7406 Melrose Avenue. Oregon 4702.

We Sell Radio Sets

That Actually Work as Expected

Graybar Radio

No. 330—8 Tubes, Super-Heterodyne
For Extreme Selectivity and DISTANCE

Stewart-Warner Radio

A Consistent Performer—A Matched Unit Radio

Majestic Radio

Known As The Greatest Radio Set On The Market

COME EARLY AND GET YOURS

Greatest Sale Bargains Ever Offered

A, B and C ELIMINATORS

These Eliminators are dry—No water, no acid, nothing
to fool with

AT LESS THAN WHOLESALE PRICE

Dynamic Speakers in Stock

AMERICAN RADIO CO.

108 East 8th St.

TU. 6028

Los Angeles, Calif.

"Our Gang" Listens In



What is the strange power that has succeeded in catching and holding the attention of Hal Roach's "Our Gang?" It is the power of music as reproduced over the compact all-electric Stewart-Warner set which Mr. Roach has found to be the only means by which he can control his obstreperous "Rascals" during the moments of rest between their strenuous acting before the camera. One can not be sure that "Wheezer" is joining in the general outburst being indulged in by the "Gang" but at any rate he seems much interested.

Stewart-Warner sets are distributed in Southern California by Western Radio, Inc., and Stewart-Warner Sales Company.

THE VOICE OF AUTHORITY

EVERY AGE has its leaders. And this is the age of transportation. Transportation of men and goods by motor. Transportation of music and speech by radio. ¶ Stewart-Warner is the oldest and greatest of industrials serving both motor and radio transportation. ¶ Its leadership is backed by more than twenty years of incomparable manufacturing experience—leadership sustained by an unequalled sales and service organization that blankets the globe—leadership proved by eighteen million radio and automotive products in active service. ¶ Stewart-Warner—the Voice of Authority to a world full of users!

**The
Stewart-Warner Dealer
In Your Neighborhood**

(This Advertisement by courtesy of the STEWART-WARNER SALES CO. and WESTERN RADIO, INC., Distributors.)

STEWART-WARNER *Matched-Unit Radio* **Dynamic Console!**



A Distinctive
High-Boy
Antique Finish
Hand Rubbed
Equipped with
Magnavox
Dynamic

\$198.50
without tubes

The Same
Cabinet
Equipped with
the Latest Type
Pemco
Dynamic
Power Speaker

\$187.25
without tubes

**The
Stewart-Warner Dealer
In Your Neighborhood**

(This Advertisement by courtesy of WESTERN RADIO, INC., and STEWART-WARNER SALES CO., Distributors.)

Kolster, the Center of Interest



Emil Jannings, the Paramount featured star, listening-in with his Kolster Radio in Los Angeles to the inaugural performances broadcast from the Brooklyn Paramount Theater. A big Kolster long distance receiving set located in the Metropolitan Theater brought in the entire program of the show.

KOLSTER RADIO

Originally Kolster Radio was sold on straight performance, which resulted from the inventive genius of Dr. Frederick A. Kolster. People were asked to hear it — to compare it — and usually they bought it.

Now—while leading the field in development and performance—the greatest “selling punch” behind Kolster Radio is the Kolster Owners. They know Kolster performance, and their good will has played a major part in the nation-wide confidence in this fine receiver.

California Distributors:

John G. Rapp Corp.

1135 WALL ST.
LOS ANGELES

123 SECOND ST.
SAN FRANCISCO

FREED-EISEMANN RADIO

"Famous Since Broadcasting Began"



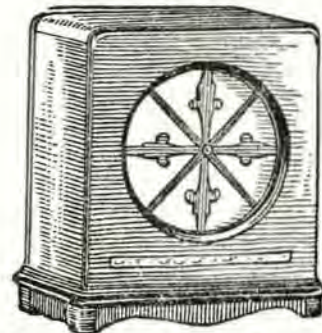
R11 CONSOLE WITH FREED-EISEMANN NR80 AND DYNAMIC SPEAKER

\$227.75

(Less Tubes)

Tone quality, cabinet beauty, volume, selectivity—the ability to separate stations, and power to bring in distant stations, are all combined in the 1929 models which are attractively priced.

SEE OPPOSITE PAGE



FREED-EISEMANN DYNAMIC SPEAKER

\$72.50

Exclusive Southern California Distributors

RADIO DISTRIBUTING CO.

127 W. Washington

Los Angeles

WEStmore 2731

Tone :: Beauty :: Volume :: Selectivity

WHEN you buy a radio you want an instrument that has embodied in it all the perfected accomplishments of modern radio, plus the exclusive engineering achievement of its builder.

Since broadcasting first began, Freed-Eisemann has been building sets that have been popular because of their tone quality — made possible by the exclusive use of specially designed audio circuits. This is what has made FREED-EISEMANN the radio of America's Finest Homes.



"Builders of Fine Radio Since Broadcasting Began"

To convince you of Freed-Eisemann performance, any of these authorized dealers will gladly install a set in your home without obligation.

- | | | |
|--|---|---|
| LOS ANGELES
Downtown
N. K. MARSHALL
621 Black Bldg.
LOCUS STATY. & PTG. CO.
1307 S. Figueroa
STANDARD CREDIT STORE
1221 S. Hope St.
1423 S. Main St.
501 W. Pico St. | CULVER CITY
SONG SHOP, 824 Culver Blvd.
DOWNEY
MILLER BROS.
EAGLE ROCK
CRESCENT RADIO CO., 5048
Eagle Rock Blvd.
EL CENTRO
EL CENTRO MUSIC CO., 518
Broadway.
EL MONTE
ZUG'S SUPER SERVICE, 230
W. El Monte Blvd.
GLENDALE
STANDARD CREDIT STORE,
239 S. Brand Blvd. | REDONDO BEACH
PAUL EICH, Arcade Bldg.
SAN DIEGO
ADAMS AVE. ELEC. CO., 8506
Adams Ave.
KINGSBURY ELEC. CO., 4361
University Ave.
MARKET ST. RADIO STORE,
1529 Market St.
MARYLAND ALTO SUPPLY
CO., 650 "F" Street.
FRANK'S MUSIC CO., 624 Fifth
Street.
REYNOLDS ELECTRIC CO.,
3546 University Ave.
BURNETT FURNITURE CO.,
639 University Ave.
ROGERS RADIO CO., 402 "B"
Street. |
| East
PORUSH & GOLDENBERG
2107 Brooklyn Ave.
HURST-KLINBERG SALES CO.
4525 Whittier Blvd.
Southeast
WESTERN HOME FURNITURE
COMPANY
4311 S. Central Ave.
GOLD FURNITURE CO.
1817 S. Central Ave.
INTERSTATE RADIO CO.
5393 S. Broadway. | HOLLYWOOD
STANDARD CREDIT STORE,
5365 Sunset Blvd.
WALTER BROWNE, 4055 Holly-
wood Blvd.
FRANK PIM RADIO SERVICE,
6320 Sunset Blvd.
HUNTINGTON PARK
HURST-KLINBERG SALES
CO., 6014 Pacific Blvd.
STANDARD CREDIT STORE,
6002 N. Pacific Blvd.
INGLEWOOD
A. L. BEAGLE, 402 S. Market
Street. | SAN PEDRO
O. S. PETERSON, 614 S. Cen-
ter St.
STANDARD CREDIT STORE,
111 S. Pacific Ave.
SANTA ANA
McCLAY IGNITION WES., 302
N. French St.
SANTA MONICA
E. H. SMEAD, 2396 Wilshire
Blvd.
STANDARD CREDIT STORE,
1553 Fourth St. |
| West
NESA RADIO SHOP
2565 W. Pico St.
HARVARD FURNITURE CO.
2922 W. Pico St.
SONG SHOP No. 2
2399 W. 8th St.
ALADDIN RADIO SERVICE
4514 W. Adams
HAYNES & MORELAND
2351 W. 8th St.
BETTER SERVICE ELEC CO.
1942 S. Western Ave.
Southwest
PEOPLE'S OUTFITTING CO.
3990 S. Vermont Ave.
NORTHWEST
ATWATER RADIO CO.
3208 Glendale Blvd.
Wilshire District
CLYDE'S SUPER SERVICE
5347 Wilshire Blvd.
SMITH RADIO
732½ S. Spaulding Ave. | LA JOLLA
THE RADIO DEN, 1931 Prospect
Street.
LONG BEACH
O. S. PETERSON, 642 American
Ave.
WILLIAMS PIANO CO., 740
Pine Ave.
RIALTO RADIO CO., 439 Ameri-
can Ave.
STANDARD CREDIT STORE,
1105 American Ave.
POLY-HI RADIO CO., 1361 At-
lantic Blvd.
PASADENA
SCRIBNER & KNAPP RADIO
SHOP, 3026 Jefferson Drive.
LONG'S MUSIC HOUSE, 528 E.
Colorado St.
STANDARD CREDIT STORE,
70 S. Raymond Ave.
NAZARIAN'S RADIO STORE,
2480 E. Colorado St., 1054 N.
Allen St. | SAN BERNARDINO
H. & W. RADIO SERVICE, 959
Rialto Ave.
STOKES & SEBASTIAN, 292
Base Line.
SANTA MARIA
DAVIS RADIO ELEC. CO., 118
W. Church St.
SAN MARINO
SAN MARINO ELEC. SHOP,
2495 Mission St.
SOUTH PASADENA
JONES RADIO MUSIC CO.,
1029 Mission Road.
UPLAND
ROY CREIGHTON, 305 Second
Ave. |
| ANAHEIM
SUPERIOR RADIO SERVICE,
103 S. Clementine.
BELVEDERE
STANDARD CREDIT STORE,
4492 Whittier Blvd.
BEVERLY HILLS
ALDARADO RADIO SERVICE,
Almont and Wilshire Blvd.
CHULA VISTA
ROGERS RADIO CO., 277 Third
Ave.
COLTON
HUB HDWE. CO., 158 "T" St. | PASADENA
STANDARD CREDIT STORE,
70 S. Raymond Ave.
NAZARIAN'S RADIO STORE,
2480 E. Colorado St., 1054 N.
Allen St.
PIRU
STEWART GARAGE
REDLANDS
DALE E. SLIGER, 414 Orange
Street. | VENICE
WINN SPECIALTY CO., 1536
Trolley Way.
COAST ELECTRIC CO., 1604
Pacific Ave.
VENTURA
AL. FRY, 102 W. Main St.
WHITTIER
K. D. MILLER ELEC. CO., 218
S. Greenleaf Ave.
SMITH BROS. MUSIC, 108 S.
Greenleaf. |

Tone :: Beauty :: Volume :: Selectivity

Mildred Steps Out



Mildred Harris, well-known actress, uses a Majestic Highboy Console to provide music for rehearsal of the dance act in which she is being featured by Fanchon and Marco, producers of vaudeville specialties.

"How Come Side-bands?"

By K. G. ORMISTON

Lately we have heard a lot about "side-bands." We have read of sets being so selective that they "cut the side-bands," and hence impair the tone quality. And now we have both factory and kit receivers which claim to tune "squarely across the side bands instead of to a peak," and as a result, give better quality of music. All of which sounds very impressive and technical, but apparently nobody has taken the trouble to explain to the readers of these advertisements and technical descriptions just what "side-bands" are, and what part they play in radio transmission and reception.

Side-bands are a very vital part of radio, but along with dozens of other essential factors have not concerned the broadcast listener or fan, who is usually interested only with results, and not with methods. But now this little "mystery" is being dragged out into the light of day, because of certain features being incorporated in radio receivers, and is being glibly exposed by advertising experts who probably have a vague idea that side-bands are something like boundary fences along both sides of a wave to keep it in its right channel!

And so it is timely that we should endeavor to explain in simple language just what is meant by "side-bands." Broadcast stations operate or transmit on definite frequencies, assigned by the Federal Radio Commission. Let us take a particular station to cite as an example, say KGO. KGO transmits on a frequency of 790 kilocycles. In other words, the current in the antenna system produced by the oscillator and amplifier tubes of the transmitter, passes through 790,000 cycles per second. A cycle comprises a surge of current first in one direction and then in the opposite direction. This current of very high frequency produces what is called the "carrier wave," because it is the carrier of our voice and music. It is like a river upon which we launch small boats. It is the boats and their cargo which we wish to transport from point to point to another, but how could we do it without the river?

And so, when you listen to KGO, before the microphone is turned on or between numbers or announcements, the "shush" that you hear is this

carrier wave, and it would be absolutely inaudible were it not for certain imperfections which are unavoidable. Inaudible, because the human ear cannot respond to frequencies as great as 790,000 cycles per second. If you were to tune in this carrier wave on a selective receiver, you would detect a humming sound just at 790 kilocycles, but there would be silence immediately above and below it.

Now, in order to transmit speech and music, we must "modulate" the carrier wave with the frequencies which effect the ear as audible sounds. The microphone in the studio first converts these audible frequencies to variations in a minute electric current, and then by a long process of amplification, these variations are amplified a million times or more. When of sufficient strength, these variations, which range from about 25 cycles per second to 5000 cycles per second (low organ note to high violin), are impressed upon the carrier wave.

Let us see what happens when the two frequencies are combined. Assume that the microphone is picking up a pure musical note of say 1000 cycles per second. Then our modulator system will have in its output a current of 1000 cycles per second and we mix this with the carrier frequency of 790,000 cycles per second. The two frequencies will combine to give us two resultant frequencies, one of 791,000 cycles and one of 789,000 cycles. This is simply by the heterodyne process, the same as we have in a superheterodyne receiving set. We add to and subtract from the carrier frequency the value of the impressed audio frequency.

It follows that for very low notes we add and subtract very little from the carrier and for the high notes we add and subtract as much as 5000 cycles. For a 5000 cycle note, the carrier will be modified to cover from 785,000 cycles to 795,000 cycles. When we listen to the station on a receiver, therefore, we realize that instead of the sharply defined carrier wave at 790 kilocycles, we must tune in a band of frequencies from 785 to 795 kilocycles.

These 5 kilocycle bands on either side of the carrier frequency are called the side-bands. And you can realize their

(Continued on Page 83)

CALL ONE OF THESE
MAJESTIC DEALERS

They Can Make **IMMEDIATE** Delivery

HILL AT SEVENTH

Birch-Smith Furniture Co.

Terms Service
Immediate Delivery

737 S. Hill St. TRinity 4121

LIBERAL TERMS

BIRKEL MUSIC CO.

Home Demonstration Solicited

446 S. Broadway. VA. 1241

UPTOWN

'Where Technical Knowledge Counts'

ORMISTON RADIO SHOP

Every Set Balanced to the Peak of
Performance!

4018 W. 10th St. WHitney 6806

SOUTH WESTERN AVENUE

Free Demonstrations
Convenient Terms

ROBINSON RADIO SHOP

Open Evenings

4538 S. Western VE. 6683

PASADENA

Free Demonstrations

SERVICE RADIO SHOP

Open Evenings

1164 E. Colorado Terrace 7908-7777

GLENDALE

Broadway Radio Electric

WILLARD F. HELLMAN
Open Evenings—Terms

202 E. Broadway Douglas 3064

WESTLAKE

Quick Delivery Service with a Smile

**Boswell Bros. & Benson
Furniture Co.**

48 Hours Free Trial Easy Terms
Good Trade-In Allowance

Eighth at Alvarado DRexel 7721

BELVEDERE

Free Demonstrations

BROOKS FURNITURE CO.

Open Evenings

3555 Whittier Blvd.



Majestic Radio
—the **IDEAL** Christmas Gift

Nothing could be more appropriate . . . more acceptable . . . as a "year round" Christmas gift than one of the sensational Majestic radio receivers. This efficient electric radio receiver will find a hearty welcome in any home. The beautiful Majestic cabinets will win quick admiration from the women folks . . . the simplicity of operation of this wonder radio makes a ready appeal to them. The unsurpassed tone of the Majestic Dynamic Power Speaker, which is self-contained in all Majestic receivers, will insure program reproduction that is amazingly true-to-life. Majestic will, hour after hour, day after day, bring pleasant remembrance of the giver. Select your Majestic today. Any of the authorized dealers on the next two pages will gladly demonstrate it for you.

[The Majestic model pictured is the Console, with self-contained Dynamic Power Speaker. Its price is \$150, less tubes.]

UNGAR & WATSON, INC.

Wholesale Distributors, Southern California and Arizona
1363 1/2 S. Figueroa St. LOS ANGELES

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.

Los Angeles and Hollywood

ACACIA RADIO STORES
1315 S. Figueroa St.

A. A. C. RADIO SERVICE
8192 Beverly Blvd.

WILEY B. ALLEN CO.
720 S. Broadway

AMERICAN RADIO CO.
103 E. 8th St.

ANDREWS RADIO CO.
1204 W. 7th St.

ANGELUS RADIO SHOP
4208 Santa Monica Blvd.

ASSOCIATED RADIO SERVICE
4156 Beverly Blvd.

AVALON RADIO SHOP
5225 Avalon Blvd.

BARKER BROS., INC.
810 W. 7th St.

BARKER BROS. (Hollywood Store)
6534 Hollywood Blvd.

BAKER & FITZGERALD, INC.
2603 W. 54th St.

BARROWS COMPANY
5515 Sunset Blvd.

BEACON ELECTRIC CO.
5114 W. Pico

BECKMAN & ROUND, INC.
4279 S. Vermont Ave.

BEHNER-BEEL RADIO CO.
913 Carrillo Dr., Carthay Center

BIRCH-SMITH FURNITURE CO.
737 S. Hill St.

BIRKEL MUSIC CO.
445 S. Broadway

BOSWELL BROS. & BENSON
2070 W. 9th St.

E. A. BOWEN MUSIC CO.
5326 Wilshire Blvd.

BROADWAY DEPT. STORE
4th and Broadway

BROOKS FURNITURE CO.
2555 Whittier Blvd.

BRONSTER RADIO CO.
7102 Beverly Blvd.

BOB BROWN
4353 S. Figueroa

CALIF. PIANO CONST. CO.
6920 Melrose Ave.

CROSBY ELECTRIC CO.
3310 W. 9th St.

DAYNES MUSIC CO.
4632 Whittier Blvd.

DORANS ELECTRIC SHOP
7518 Sunset Blvd.

L. A. DUNCAN, 2891 W. Pico St.

HARRY A. DUTTON
1735 W. 7th St.

EASTERN OUTFITTING CO.
4717 S. Broadway

EASTERN OUTFITTING CO.
629 S. Main St.

ELECTRIC LIGHTING SUPPLY CO.
215 W. Third St.

GEORGE ELECTRIC CO.
5910 Hollywood Blvd.

GOLDEN GATE RADIO CO.
5180 Whittier Blvd.

J. GORDON
1404 W. 9th St.

GRAND AVE. RADIO CO.
2205 S. Grand Ave.

GREATER BROADWAY FURN. CO.
5000 S. Broadway

HARMON RADIO STORE
4378 S. Vermont

C. A. HARMON
10256 S. Vermont Ave.

HARRY W. HARRISON, INC.
553 S. Figueroa

H. D. HATFIELD & SON
1763 N. Vermont

HILLCREST FURNITURE CO.
4026 W. Washington Blvd.

HOLLAND ELECTRIC SHOP
5632 Pasadena Ave.

HOLLOWAY HDWE. CO.
1009 W. Manchester Ave.

HOLLYWOOD MUSIC CO.
6919 Hollywood Blvd.

HOLLYWOOD PHONOGRAPH SHOP
5552 Hollywood Blvd.

HOME ELEC. SPECIALTY CO.
3728 W. Pico St.

INTERSTATE MUSIC CO.
8593 S. Broadway

JENKINS RADIO SHOP
2150 W. Broadway

J. & M. RADIO
2309 W. 8th St.

KELLY MUSIC CO.
122 S. Vermont

KELLY MUSIC CO.
6367 Hollywood Blvd.

LARCHMONT RADIO SALON, Inc.
139 N. Larchmont Blvd.

H. T. LE PEA
1428 W. Santa Barbara Ave.

J. M. LOGE HDWE. & RADIO CO.
866 S. Western Ave.

LOCKIE MUSIC EXCHANGE
1034 S. Broadway

LOS ANGELES HDWE. & ELEC. COMPANY
717 E. 5th St.

LOS FELIZ RADIO STORE
3104 Los Feliz Blvd.

LOVINGERS MELROSE RADIO CO.
4436 Melrose Ave.

THE MAJESTIC MUSIC SHOPPE
8873 Santa Monica Blvd.

MAJESTIC RADIO SHOP
818 W. Jefferson St.

MANCHESTER RADIO ELEC. CO.
4500 N. Hollywood Blvd.

MARSH MUSIC CO.
5522 Santa Monica Blvd.

MARTIN MUSIC CO.
734 S. Hill St.

MAY COMPANY
Eighth and Broadway

MELROSE RADIO SHOP
5573 Melrose Ave.

MESA RADIO SHOP
5821 Mesa Drive

METRO RADIO SHOP
4480 W. Adams St.

CHARLES V. MYERS
2180 W. Washington

NORTON & NORTON
2211 N. Broadway

ORINSON RADIO SHOP
4018 W. 10th St.

OTTO K. OLESEN ILL. CO.
1560 N. Vine St.

OUTLET STORE, 720 S. Main

PACIFIC RADIO STORES
4705 S. Vermont Ave.

PLATT MUSIC COMPANY
852 S. Broadway

PIATT MUSIC COMPANY
1920 Chester Ave.

6614 Hollywood Blvd.

PLATT MUSIC COMPANY
231 S. Western

PLATT MUSIC COMPANY
4357 S. Vermont

PLATT MUSIC COMPANY
2260 Brooklyn

RADIO ELEC. SERVICE CO.
425 Somerset

RADIOELECTRIC SUPPLY CO.
2077 W. Jefferson Blvd.

RADIOELECTRIC SUPPLY CO., No. 2
2312 W. Vermont

ROBINSON RADIO SHOP
4528 S. Western Ave.

ROBINSON RADIO CO.
7831 Melrose Ave.

ROWLANDS HARDWARE
7551 Central Ave.

RUPPERT RADIO & ELEC. CO.
7787 Santa Monica Blvd.

SHANES HDWE. & ELEC. CO.
2006 Division St.

SCHIRESON BROS.
249 N. Main St.

SCHOCK RADIO CO.
2514 W. Washington St.

EARL W. SCHOCK
3358 S. Hill St.

SCHWABACHER-FREY STA. CO.
736 S. Broadway

SKY PILOT RADIO CO.
5184 W. Adams St.

SO. CALIF. MUSIC CO.
806 S. Broadway

STANDARD RADIO CO.
1017 Orange Ave.

SUNSET ELECTRIC CO.
1570 Sunset Blvd.

UNIVERSITY RADIO SHOP No. 2
3425 S. Vermont Ave.

W. A. K. RADIO CO.
6003 S. Western Ave.

WALKER'S DEPARTMENT STORE
Fifth and Broadway

WALKER RADIO SHOP
5851 S. Vermont Ave.

WATSON RADIO STORES
4411 S. Broadway

WEST COAST FURN. CO.
1359 W. Washington St.

WESTERN HOME FURN. CO.
4311 S. Central Ave.

WOLFE RADIO & MUSIC CO.
427 Western Ave.

WOROBIEFF'S
2028 E. First St.

C. S. YOUNG
427 E. First St.

YOUNG'S MUSIC, INC.
512-16 W. Santa Barbara

Southern California

ALHAMBRA, Ashton Elec. Co.
25 N. Garfield Ave.

ALHAMBRA, M. P. Carnahan
134 E. Valley Blvd.

ALHAMBRA, T. J. Irving
1525 W. Main St.

ALTADENA, Nazarian's
1054 N. Alden

ANAHEIM, Anaheim Elec. Co.
209 W. Center St.

ARCADIA, F. W. Smith
107 E. Huntington Dr.

ARLINGTON, W. P. Symons
623 Magnolia Ave.

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

ARVIN, Spurlock & Thayer

AVALON, J. E. Mathewson
706 Crossed Ave.

AZUSA, White & Wolfe
711 Alameda St.

BAKERSFIELD, Malcolm Brock Co.
1920 Chester Ave.

BAKERSFIELD, Don C. Preston
10th and H Sts.

BANNING, Ed Dunn
105 San Gorzevilo

BARSTOW, Geo. Cunningham

BELL, Baker Ave. Electric
4472 Baker Ave.

BELLFLOWER, Berle E. Moore
425 Somerset

BEVERLY HILLS, Behner-Red Radio Co., 247 N. Beverly Dr.

BEVERLY HILLS, Oh Radio Co., 303 N. Robertson Blvd.

BRAWLEY, Imperial Valley Hardware Co.

BREA, Deamer Radio Service
110 E. Cedar St.

BURBANK, Radio Studio
713 W. San Fernando Blvd.

CALEXICO, Imperial Valley Hardware Co.

CHULA VISTA, Herbert V. Bryant
290 Third Ave.

CLAREMONT, Morley T. Jones
111 Yale St.

COLTON, Hub Hardware Co.
158-164 West 1 St.

COMPTON, Nygaard Elec. Co.
229 E. Main St.

CORONA, B-K Radio Shop
706 Main St.

CORONADO, Bechtel's Radio Den
3017 Orange Ave.

COVINA, Harold R. Houser
117 W. College St.

CORONADO, W. E. Bechtel
718 Third St.

CULVER CITY, Blunta Radio Shop
6808 Culver Blvd.

DOWNEY, Darnell Elec. Co.
132 W. Second St.

EAGLE ROCK, Roy J. Weaver
5049 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, Walsteads Auto Electric Co., 548 W. Santa Ana

FULLERTON, Fullerton Radio Shop
112 S. Sudder

GARDEN GROVE, P. N. Larson
101-104 E. Ocean Ave.

GARDENA, Don M. Spears
820 W. 195th St.

GLENDALE, Benos Radio Lab.
201 N. Brand Blvd.

GLENDALE, Broadway Radio Elec.
302 E. Broadway

GLENDALE, Glendale Music Co.
118 S. Brand Blvd.

GLENDALE, Russell-Pierce Furn. Co.
1809 S. Brand Blvd.

GLENDORA, F. A. Selmeas
210 N. Michigan Ave.

HAWTHORNE, Hawthorne Radio Shop, 280 N. Hawthorne Blvd.

HEMET, Robert Record

HERMOSA BEACH, C. Alexander & Co., 530 (Antino Real

HOLTVILLE, Imperial Valley Hardware Co.

HUNTINGTON BEACH, H. L. J. Smith, 125 Main St.

HUNTINGTON PARK, Bevan Elec. Co., 218 N. Pacific Blvd.

HUNTINGTON PARK, Eastern Outfitting Co., 6535 Pacific Blvd.

HUNTINGTON PARK, Platt Music Company, 308 S. Pacific

HUNTINGTON PARK, W. G. Potter
6518 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., 2121 Third St.

LOMPOC, Rudolph Hdwe. Co.

LONG BEACH, Aiday & Crandall
516 E. Anaheim

LONG BEACH, Barker Bros.
222 American Ave.

LONG BEACH, Belmont Radio
3304 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, Intersity Radio Stores Co., 405 American Ave.

LONG BEACH, Platt Music Co.
234 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, 2513 E. Slauson Ave.

MAYWOOD, Home Furnitures Co.
4501 E. Slauson

McFARLAND, Lester J. Kuentzel

MOJAVE, I. Blum

MONTEROSE, Monterose Radio Shop
2215 Honolulu Ave.

MONROVIA, Arthur A. Ross
504 S. Mirrite St.

MONTEBELLO, Smith Bros. Music Co., 509 Whittier Blvd.

NATIONAL CITY, Nelson-Smith Co.
829 National Ave.

NEEDLES, White's Pharmacy

NORTH HOLLYWOOD, Langland & Schade, 5317 Lankershim Blvd.

NORWALK, R. Molina
110 N. First St.

OCEAN BEACH, Strand Radio and Appliance Co., 4091 Newport

OCEAN PARK, Ocean Park Radio Service, 173 Pier Ave.

OCEANSIDE, Radio Music Den
601 Second St.

ONTARIO, Ayers & Hackley
431 N. Euclid Ave.

ONTARIO, R. J. Tobey
245 N. Euclid

ORANGE, Cozzaris Radio Shop
154 S. Glassell

OWENSMOUTH, Benson Electric
2150 Sherman Way

OXNARD, Carl's Radio Den
204 E. Fifth St.

PASADENA, Hancock Music Co., 333 Colorado St.

PASADENA, Jordan & Sons, Inc.
308 E. Colorado

PASADENA, Premier Radio Corp., 11 E. California St.

PASADENA, Pasadena Radio Supply Co., 35 N. Broadway

PASADENA, Service Radio Shop
1164 E. Colorado St.

PASO ROBLES, Merrifield Radio Shop

PERIS, C. W. Kirkpatrick

POMONA, Wiley B. Allen Co.
434 W. Second St.

POMONA, George W. Hiett
183 E. Third St.

POMONA, Morley T. Jones
161 S. Garey St.

PUEENTE, S. A. Peef
112 W. Main St.

RANDSBURG, Francois X. Moore

REDLANDS, Yount & Daly
308 W. Illinois Ave.

REDONDO BEACH, J. H. Thorp
126 S. Pacific

RIVERSIDE, R. F. Austin
916 Main St.

RIVERSIDE, B-K Radio Shop
642 W. Ninth St.

SAN BERNARDINO, Footsies Furniture Co., 683 Third St.

SAN BERNARDINO, Gurr Smith Co., 442 E. St.

SAN DIEGO, Barker Bros., 3771 Fifth Ave.

SAN DIEGO, Dearborn Radio Shop
1025 University Ave.

SAN DIEGO, Edmondson Radio & Elec. Co., 3311 Adams Ave.

SAN DIEGO, Holzwasser, Inc., Broadway and Fifth

SAN DIEGO, The Radio Shop
748 Broadway

SAN DIEGO, So. Calif. Music Co., 720 Broadway

SAN DIEGO, The Radio Shop
440 Broadway

EAST SAN DIEGO, Glenn H. Dutton
3855 Van Dyke St.

SAN DIMAS, Joe Watterschold
138 W. Honits Ave.

SAN FERNANDO, Willis Rows
710 Porter Ave.

SAN GABRIEL, Murphy & Hendrick
243 S. San Gabriel Blvd.

SAN LUIS OBISPO, Merrifield Music Co., 788 Ilwaco St.

SAN JACINTO, Lloyd Record

SAN PEDRO, Coles Battery & Ignition Co., 1302 Pacific Ave.

SAN PEDRO, Johnson Radio Service
Gaffes St. at Ninth

SANTA ANA, J. G. Norton Furniture Co., 421 N. Main St.

SANTA ANA, Shafer's Music House
415 N. Main St.

SANTA ANA, Turner Radio Co., 211 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., 1437 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.

SATICOVY, H. H. Wright

SAWTELLE, Harry V. Gilbert
1608 Sawtelle Blvd.

SIERRA MADRE, Radio Shop
11 Keating Court

SOUTH PASADENA, Harry W. Weber, 1757 Garfield Ave.

SOUTH PASADENA, Jones Radio Music Co., 1020 Mission St.

TAFI, Don C. Preston, 219 4th St.

TAFI, Jack Toon, 807 Center St.

TEMPLE, E. L. Marking
100 S. Sunset Blvd.

TORRANCE, C. Alexander & Co.
1314 Sartoff Ave.

TUJUNGA, Sunset Radio & Electric Shop, 437 E. Sunset Blvd.

UPLAND, Colborn Elec. Co., 420 Second St.

VAN NUYS, Simpson Furn. Co., 6473 Van Nuys Blvd.

VENICE, Young Music Co., 86 Windward Ave.

VENTURA, C. W. Richards
79 S. Oak St.

VENTURA, Louis A. Snow
33 Ventura Ave.

VICTORVILLE, Fish Elec. Co., Walnut Park, L. & G. C. Pyle
7007 Seville

WATTS, T. J. Stevens & Son
1888 E. 103rd St.

WESTMINSTER, San Pedro Lumber Co.

WHITTIER, H. C. Oldham
128 S. Greenleaf

WHITTIER, Whittier Auto Electric Works, 121 N. Milton

WILMINGTON, Geo. F. Clausing
119 W. Anabelo St.

Arizona Dealers

BISBEE, ARIZ., Phelps-Dodge Mercantile Co.

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

PRESGOTT, ARIZ., Miller & Klahn
101 N. Maricopa

TUCSON, ARIZ., Russell Electric & Machine Co., 221-28 E. Congress St.

YUMA, ARIZ., Imperial Valley Hardware Co.

New Kennedy Models

Two of the finest models of radio receivers offered to the public this season are the new Kennedy 8-tube High Boy, with dynamic speaker and combination receiver and phonograph.

The name Kennedy is an old one in the radio industry. It is a name which has always meant quality and the new



Colin B. Kennedy

receivers, judging from recent tests, live up to the name.

Colin B. Kennedy has spent the last three years in developing a high grade, efficiently made set that could be sold at a very moderate price. The chassis is of rigid steel construction throughout. The single drum dial operates the four-ganged, new type staggard condensers, which gives extreme selectivity. Eight tubes are used, including a full wave type 280 rectifier, and the circuit employs two type 171 power tubes in push-pull amplification. The set has great range, magnificent volume and excellent tone quality. The latest type dynamic speaker is incorporated in each of the different models.

The console is of the High Boy type, made of dark walnut with full swinging doors. It is a beautiful creation of the cabinet maker's art.

The latest type electric phonograph motor and turn table is used in the combination receiver and phonograph. The cabinet is of dark walnut with full swinging doors, and includes all built-in features, including record compartment.

The exclusive radio dealer franchise originated with the Colin B. Kennedy Company. This policy will be carried out in the merchandising of the new receivers. Many of the old Kennedy dealers have already requested an exclusive franchise for their districts, and all who have not as yet communicated with their distributor are requested to do so, and all information concerning the receivers and the terms will be gladly given.

The C. W. Smith Company, at 407 East Pico street, will be the exclusive Southern California distributor. C. W. Smith is well qualified to properly merchandise this popular line of receivers, as he has, during the last four years, distributed some of the best known lines of receivers and accessories.

Mr. Otto Bloom is the special factory representative for the Colin B. Kennedy



Otto Bloom

Company on the Pacific Coast. In 1923, Mr. Bloom joined the sales staff of Kierulff & Ravenscroft Co. and until 1926 he traveled the southern part of the state for this organization. His principal work was the merchandising of Kennedy receivers.

(Continued on Page 83)



**Better
Tone
Quality**
with

CeCo Radio Tubes

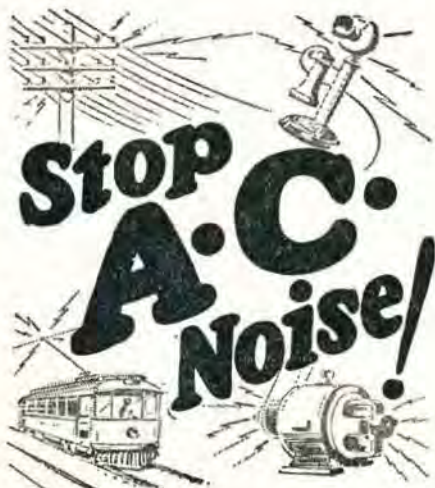
You get better results with CeCo Tubes because each is the result of patient scientific research and investigation — each is fashioned of the finest materials by skilled craftsmen employing the newest, most modern processes, which not only give CeCo a purer tone, but a longer, more serviceable life as well.

Factory Representatives:

B. KRUGER & CO.

500 N. Huntley Drive, West Hollywood

Phone OXford 3897



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

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

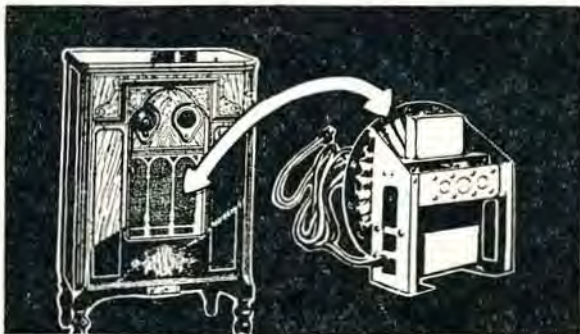


Falck CLAROCEPTOR

Manufactured by ADVANCE ELECTRIC CO.
1288 W. Second St., Los Angeles
JOBBER AND DEALERS, GET OUR PROPOSITION

-Over 250

ATWATER KENT DEALERS ENDORSE



this
unbeatable
combination!

A Pemco Dynamic Speaker in an Atwater Kent Console

Atwater Kent Dealers all over Southern California were quick to realize the value they could offer the radio public in this unbeatable combination!

A comparison quickly establishes a preference for this Pemco Dynamic Speaker, Model ACK combination, and the result has been increased sales for the Atwater Kent Dealers.

The Pemco Dynamic Speaker Model ACK in chassis model sells for only \$32.50 List.

Owners of all radios of similar type to the Atwater Kent, now using a magnetic cone type speaker, should investigate how they can at a low cost improve their tone quality and reception by modernizing their set with a Pemco Dynamic Speaker.

Phone or write us
for particulars.

**Precision
Electric Mfg.
Corporation**
1020 Santa Fe Ave.
Phone TRinity 0237



*See your Atwater
Kent Dealer today
and hear a dem-
onstration with a
Pemco Dynamic
Speaker.*

Questions and Answers

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

QUESTION—When I am digging my toes into the carpet and working like a beaver in scant attire in a cold room at 3 a. m., trying to bring in a 100-watt station in Seattle on my Sparton radio, it is quite disconcerting to have a wireless student in the next block come tearing in with a battery of machine guns and concrete-mixers and completely spoil my whole day. Can you tell me of some effective little attachment that I might procure and buckle onto my set and thereby eliminate some of this musketry?

E. P. AMES, Los Angeles.

ANSWER—Broadcast listeners are supposed to be engaged in slumber at 3 a. m., whereupon certain small chunks of the ether are turned over to Mr. Amateur so that he may stumble on further developments and improvements in radio transmission which will afford us better broadcast transmission and reception in years to come. The amateurs once had the whole works to themselves,—any power, any wavelength, any call letters that tickled their fancy. They used to help the commercial wireless stations in handling wireless messages to and from ships far at sea. Gradually they have been more and more restricted to make room for all of the other radio services which now take up most of the available frequencies. They are limited in wavelength, power and operating hours. In view of all that they have done for radio progress, it seems hardly fair that we should protest when they make a bit of a noise at 3 a. m. Chances are this chap had to go to work or to school in the morning, and that he turned in early in the evening and got up around 2 or 3 a. m., to have his fun with radio without interfering with the pleasure of his neighbors, who are broadcast listeners. So let's not begrudge him those early morning hours.

However, if you know definitely who the amateur is, steps may be taken to advise him of certain changes in his

equipment which will prevent him from making any interference with broadcast listeners. For instance, Don Wallace of Long Beach, can operate his 1000-watt amateur transmitter, while Mrs. Wallace listens to broadcast reception in another room, with both aerials supported from the same pole! And incidentally, Don would be the right man to help your amateur fix his set so that he may operate to his heart's content without making a sound on the broadcast waves. Get someone who knows the code to listen and tell you the call letters of the amateur, and then drop over and see him. And if he doesn't know what to do, get him in touch with Don.

QUESTION—What is meant by an A.C. set? I understand this applies to a radio which operates from the light socket, but what is the meaning of A. C.?

C. M., San Diego.

ANSWER—An A.C. set is one which operates on alternating current. The letters A.C. stand for alternating current. That is the kind of current used for lighting and power purposes almost universally. It is called alternating, because it alternates,—it starts at zero, builds up to a maximum, decreases to zero, and then builds up in the opposite direction to maximum and again decreases to zero. This process is called one cycle, and the house lighting current is either 50 or 60 cycles per second, depending upon the characteristics of the alternator which generates it at the power house. From this we see that there is zero current flowing through an ordinary electric light at 100 or 120 instants during each second. However, the light appears to be burning steadily for two reasons,—the filament of the lamp cannot cool and heat again that rapidly but maintains an average temperature, and secondly, the human eye could not detect the light variations if they were present, because images lin-

(Continued on Page 91)

DO YOU KNOW THAT

A Stage of R. F. added to Silver-Marshall, Remler or Magnaformer Supers eliminates harmonics and increases Volume and Selectivity? Let me prove it to you. Set on Demonstration.

JACK CHENEY, 1759 W. 39th St. Tel.

UNiversity 6088

Los Angeles

Stations Sharing Time

By order of the Federal Radio Commission, the Western Stations listed below are to share time on the air:

CALL	Kilo	Wave Length	Power	Location
SOUTHERN CALIFORNIA				
KMTR (KPLA)	570	526.0	1000	Hollywood
KPLA (KMTR)	570	526.0	1000	Los Angeles
KELW (KTM)	780	384.4	500	Burbank
KTM (KELW)	870	384.4	500	Santa Mon.
KFWB (KPSN)	950	315.6	1000	Hollywood
KFSG (KMIC)	1120	267.7	500	Los Angeles
KMIC (KFSG)	1120	267.7	500	Inglewood
KFWC (KPPC)	1200	249.9	100	Pomona
KPPC (KFWC)	1200	249.9	50	Pasadena
KTBI (KGEF)	1300	230.6	1000	Los Angeles
KWTC (KFWO)	1500	199.9	100	Santa Ana
KEJK (KFON)	1250	239.9	500	Bev. Hills
KFON (KEJK)	1250	239.9	1000	Long Beach
KGEF (KTBI)	1300	230.6	1000	Los Angeles

NORTHERN CALIFORNIA AND NORTHWEST

KXA (KUOM)	570	526.0	500	Seattle
KUOM (KXA)	570	526.0	500	Missoula
KFWI (KFWM)	930	322.4	500	San Fran.
KFWM (KFWI)	930	322.4	500	Oakland
KEX (KOB)	1180	254.1	5000	Portland
KOB (KEX)	1180	254.1	10000	Albuq'rque
KPCB (KPQ)	1210	247.8	100	Seattle
KPQ (KPCB)	1210	247.8	100	Seattle
KFJR (KTBR)	1320	230.6	500	Portland
KTBR (KFJR)	1320	230.6	500	Portland
KMO (KVI)	1340	223.7	500	Tacoma
KVI (KMO)	1340	223.7	1000	Tacoma
KFEC (KFJI)	1370	218.8	100	Portland
KFJI (KFEC)	1370	218.8	50	Astoria
KWSC (KFPY)	1390	215.7	500	Pullman
KFPY (KWSC)	1390	215.7	500	Spokane
KFQU (KGTT)	1420	211.1	100	Holy City
KGTT (KFQU)	1420	211.1	100	Seattle
KGTT (KFQU)	1420	211.1	50	San Fran.
KKP (KFQW)	1420	211.1	15	Seattle
KVL (KFBL-KUJ)	1500	199.9	100	Seattle
KFBL (KUJ-KVL)	1500	199.9	50	Everett
KUJ (KFBL-KVL)	1500	199.9	10	Longview

WESTERN STATES

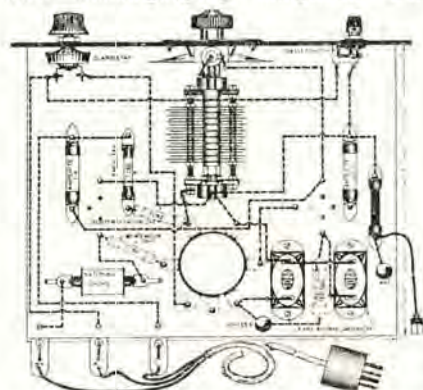
KFBB (KGI)	1320	220.4	500	Havre
KFEL (KFXF)	940	319.0	250	Denver
KFXF (KFEL)	940	319.0	250	Denver
KGIR (KFBB)	1360	220.4	250	Butte
KFUP (KFJX)	1500	199.9	100	Denver
KFJX (KFUP)	1500	199.9	50	Edgewater

Short Wave Club

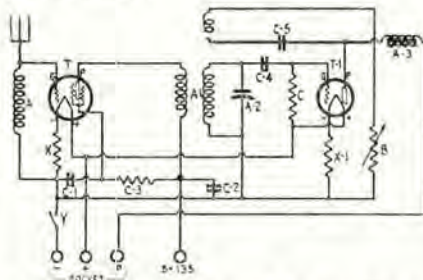
NATIONAL CONVERTER

A simple converter which will permit one to use the most popular of short-wave circuits, in connection with the usual broadcast receiver, is described in the following.

It hardly seems necessary to go into any specific constructional details, for the accompanying simplified and



schematic diagrams tell the whole story. Only few parts are needed, and their placement is indicated. The list of parts follows:



1 National Short Wave Kit (consisting of front and sub-panels, set of plug-in coils, tuning condenser and choke).

- 1 Clarostat Grid Leak.
- 1 Tobe 8 meg. Tipon Leak.
- 2 Tobe .5 mfd. By-Pass Condensers.
- 1 Tobe 2000 ohm Veritas Resistance.
- 1 Tobe .00025 Vacuum Condenser.
- 1 Tobe .001 Vacuum Condenser.
- 1 622 Amperite.
- 1 1-A Amperite.
- 1 Yaxley Switch.

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, concealing 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

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

Trade News

The Ladies Like It!

"Radio is no longer the mystery it used to be to women," said E. B. Love-man, advertising manager of the Philadelphia Storage Battery Company, who are makers of the Philco radio set, to a gathering of merchants recently.

"Up to recently the radio set was almost wholly a man's affair," he con-



MISS JESSICA DRAGONETTE
Favorite Star of the "Philco Hour"

tinued. "He tinkered with it, played with it and sat up late into the night with it. Other members of the family got only an occasional use of an ear-phone. As far as the wife was concerned the set belonged to a strange, mechanical world in which she was a foreigner.

"Now she knows as much about it—or nearly as much—as does her husband. The advent of the all-electric set, with its ease of manipulation, gave her the

opportunity to get on more intimate terms with this strange device. It is no longer the mystery it was. She handles it as familiarly as she does her electric clothes ironer or her vacuum cleaner.

"The women have become as ardent radio fans as the men. They have seized on the opportunity for relieving the tedium of the long day. They even reach out for the thrill of hearing far away stations. Broadcasters have not been slow to take note of the growing audience of women and are now providing them with high class programs that are devised to educate and inform as well as entertain them."

Pemco Puts Unusual Program Over KNX

To the Precision Electric Mfg. Corporation must be given the credit of putting on one of the most novel broadcasts yet attempted. In fact, it is said that it is the first of its kind in the country.

The new KNX station, at the Paramount studios, is admirably suited for the plan, being equipped with two separate broadcasting studios.

The entertainment was provided by an orchestra of six, entitled the "Six Pemco Dynamic Loudspeakers." The orchestra was augmented by two excellent singers of ballads and popular songs, the "Pemco Harmony Duo."

The artists were stationed in one studio, opposite a microphone, which was connected to a Pemco Dynamic Speaker in the other studio. The music and songs were transmitted from the first studio to the Pemco Dynamic Speaker in the second studio, thence into a second microphone and out onto the air.

The entire program was broadcast through the Pemco Dynamic Speaker with flawless reproduction.

The Precision Electric Mfg. Corporation is to be congratulated on their stunt, as it enabled thousands of listeners-in to hear the marvelous quality of this dynamic speaker, and it brings us to the realization that one of the country's best dynamic speakers is being made right here in Los Angeles.

Read This Letter—

Then Judge
for
Yourself!

Radio Constructors Corporation, Mt. Hermon, Calif.,
357 Twelfth Street, Oakland, Calif., Nov. 20, 1928.
Gentlemen:

I thought you might wish to know of my success with the new radio since my return. It is working marvelously. Every night I tune in KDKA with good volume, as well as most of the Eastern stations on the exclusive wavelengths. Sunday at 2:15-2:30 p. m., in daylight, I first heard KSL, KFI, KNX, KHJ, KEX, KJR, all with good volume. I tried KOA and was successful. Then I went down the scale and at 63 in came a station with clearness on the loud speaker. According to my log it should have been WLW, but this did not seem possible. However, the announcement, WLW, came in clear and loud.

In the evening I heard WEAJ and WJZ, New York; CFCT, WSM, Nashville, Tenn.; WTAM, WLW, WGN, WSB, Atlanta, Georgia; WCX, KFAB, KTHS, WCCO, WHAS, KWKH, WLS, KDKA, WOC, WMBI, WBT. It seemed a good night, so I set my alarm, and at 2 a. m. was down at the radio and in 5 minutes I had JOAK, Japan, with good enough volume so that it was heard distinctly on the next floor. I then located another Jap station but could not get the call letters in heard still another station for one hour and fifteen minutes, but they did not give the call letters in English. It was so loud at times that one could bear it all over the house. We heard another station which we thought might be New Zealand or Australia, but could not get the call letters.

I assure you that I am very much pleased with this set, and feel that it is the equal of any set in existence.

Yours truly,
(Name will be furnished upon request.)

This is the
Set that did it—



Sargent-
Raymont
Screen
Grid
Seven

SUNSET Selective Aerial

Helps You Bring in
Those Distant Stations
Not an Experiment, but a
Proven Necessity

The Sunset Aerial is a great improvement over ordinary antennae—conforms to the very latest developments in Radio Science. Brings in the distant stations wonderfully — has a pick-up capacity equal to 450 feet of No. 14 wire, compacted into four feet of vertical non-directional aerial. Greatly improves the selectivity, and increases volume tremendously. Reduces outside noises and "static." A beautiful replacement for the unsightly sticks and wires of the average amateur aerial.



SUNSET Positive Ground

Sharpens your set . . .
increases your volume
. . . and improves the
tone. Lasts almost in-
definitely.

An Ideal Combination

Aerial, \$5.00 — Ground, \$2.25

Manufactured by

SUNSET MFG. CO.

LOS ANGELES

7471 Melrose

HEmpstead 4941

Demonstration of New Jensen Speaker

On the evening of November 15th, in the presence of Mr. Peter L. Jensen, inventor of the famous Dynamic Speaker, and Mr. Thomas A. White, general manager of the Jensen Radio Mfg. Co., and a group of some of the most important engineers in the radio, talking movies and broadcasting field, James A. Kennedy, New York representative of the Jensen Radio Mfg. Co., introduced the new Jensen Auditorium model Dynamic Speaker. The speaker is considerably larger than the standard home model Jensen Speaker.

For this demonstration, arrangements were made with the Celotex Company to provide a Celotex baffle board 1½ inches thick and 6 feet square, though the courtesy of Mr. John R. Thomas of the Celotex Company. The opinion expressed by a number of the leading lights in the radio engineering field was that this new development of Mr. Jensen's would have a very far reaching effect on the application of modern power amplifier apparatus in connection with reproduction in theaters, large auditoriums and similar public places where a large orchestra would ordinarily be required.

Following the demonstration, Mr. Kennedy opened the meeting for discussion, and the outstanding technical advantages of this new speaker were covered very completely by Mr. Peter L. Jensen himself. This is the first step on the part of the Dynamic reproducer manufacturer to go into this field with a speaker designed especially for that purpose.

DX Club

(Continued from Page 32)

WBAP, KVOO, KFKB, WCCO, KMOX, WLS, WENR, WGN, WBBM, WHAS, WSB, WLW, KDKA, WOR, WJR, WJZ, 9XF, CYJ, PWX, and a Canadian station on approximately 410 meters. Can get the four Jap stations most any morning, from 2 to 4 a. m. They are JOAK, JOBK, JOFK, JOCK. Australia isn't so easy to get, as I have logged only one Australian station, 4QG, at Brisbane. WLW, KDKA, KMOX and WGN come in with a bang!

THOMAS P. ELLIOTT,

654 W. 63rd St.,

Los Angeles, Calif.

A
L
S
O

Directory of Southern California Stations

Call	Meters	Power	Location	Owner	Telephone
KMTR	526.0	1000	Hollywood	KMTR Radio Corp.	HOLLYWOOD 3026
KPLA	526.0	1000	Los Angeles	Pacific Dev. Radio Co.	TRinity 3202
KFSD	499.7	1000	San Diego	Airfan Radio Corp.	MAIn 8661
KFI	468.5	5000	Los Angeles	Earle C. Anthony, Inc.	WEStmore 0337
KTM	384.4	500	Santa Monica	Pickwick Broadcasting Corp.	DUnkirk 5154
KELW	384.4	500	Burbank	Earl L. White	Burbank 1601
KFQZ	352.7	250	Hollywood	Taft Radio & Brdest. Co., Inc.	WEStmore 3001
KHJ	333.1	1000	Los Angeles	Don Lee, Inc.	TRinity 8411
KPSN	315.6	1000	Pasadena	Pasadena Star-News Pub. Co.	Wakefield 3111
KFWB	315.6	1000	Hollywood	Warner Bros. Pictures, Inc.	GLadstone 9461-2
KGFH	299.8	250	Glendale	Frederick Robinson	DOUglas 3326
KNX	285.5	5000	Hollywood	Los Angeles Evening Express	HEmpstead 4101
KFSG	267.7	500	Los Angeles	Echo Park Evangelical Assn.	FIzroy 5121
KMIC	267.7	500	Inglewood	James R. Fouch	THornwall 1121
KFWC	249.9	100	Pomona	James R. Fouch	Phone 1147
KPPC	249.9	50	Pasadena	Pasadena Presbyterian Church	
KXO	243.8	100	El Centro	E. R. Irey and F. M. Bowles	
KEJK	239.9	500	Beverly Hills	Macmillan Petroleum Co.	OXford 7141
KFON	239.9	1000	Long Beach	Nichols & Warinner, Inc.	Phone 672-81
KGEF	230.6	1000	Los Angeles	Trinity Methodist Church	WEStmore 8887
KTBI	230.6	500	Los Angeles	Bible Institute of L. A.	MEtropolitan 6701
KGB	220.6	250	San Diego	Pickwick Broadcasting Corp.	FRanklin 6151
KGER	218.8	100	Long Beach	C. Merwin Dobyns	Phone 632-75
KGFJ	211.1	100	Los Angeles	Ben S. McGlashan	WEStmore 7778
KWTC	199.9	100	Santa Ana	Pacific-Western Broadcasting	Phone 1896

JOBBERs - MANUFACTURERS
NOW IN STOCK
FOR
IMMEDIATE DELIVERY
Magnatrons

AC 226 - AC 171A
 AC 227 - AC 280

Quality Guaranteed

TODAY'S GREATEST TUBE VALUE

Phone or Write

PACIFIC RADIO LABORATORY

West Coast Factory Warehouse

256 S. Los Angeles St.

MU. 7817

Los Angeles

Christmas

APEX RADIO

Better Performance at a Lower Price

For Christmas and for every day throughout the year an Apex trouble-free All-Electric Receiver is the ideal gift for the whole family. Any dealer listed below will be glad to demonstrate without obligation.



Model 236, with Magnetic Speaker, Price \$165, Less Tubes

- | | | | |
|---|--|---|--|
| Apollo Radio Shop
1707 N. Western Ave. | Electric Service Co.
4308 1/2 S. Vermont Av. | Jenkins Radio Shop
8452 S. Broadway | Quimby's Radio Service
1860 N. Vermont St. |
| Angelus Radio Shop
4208 Santa Monica | El Sereno Service Co.
5319 Navarro St. | Forer Tire Company
4723 Whittier Blvd. | Pico Radio Shop
4505 W. Pico St. |
| Walter F. Browne
4508 Hollywood Blvd. | F. & H. Radio Shop
5011 York Blvd. | Motley Elec. Service
7761 Santa Monica Blvd. | Radio Headquarters
7214 S. Broadway |
| Downtown Radio Co.
134 W. 7th St. | Fogil Radio Shop
310 W. 61st St. | Noren-Wuster Furniture Co.
3300 W. Washington | Shane Hardware Co.
2906 Division St. |
| Bosch-Zenith Sales & Service
926 S. Los Angeles St. | Forer Tire Co.
412 W. Pico St. | Paramount Radio Co.
5515 Santa Monica Blvd. | Star Furniture Co.
3573 Whittier Blvd. |
| Acme Radio Store
709 So. Main St. | Forer Tire Company
5500 S. Vermont Ave. | Pete's Radio & Electric Shop
8704 Elm St. | The Radio Dept.
6608 Melrose Ave. |
| Davis Hdwe. Co.
3904 S. Western Ave. | W. L. Gaylord
6618 S. Vermont Ave. | | A. W. Townsend
3653 Edenhurst St. |
| | Jatho Radio Service
5410 Central Ave. | | Walker Radio Shop
5851 S. Vermont St. |

Southern California

- ANAHEIM**
C. A. Knapp
1101 Lincoln Ave.
- BELL**
North & Lory Hdwe. Co.
4119 Baker Avenue
- BELFLOWER**
Moore's Radio Shop
427 Somerset St.
- CORONA**
Corona Hardware Co.
606 Main St.
- BEVERLY HILLS**
Wilshire Hdwe. Co.
1242 Wilshire Blvd.
- BURBANK**
Norwood's Furniture Co.
220 W. San Fernando Rd.
- CULVER CITY**
Noren-Wuster Furn. Co.
6719 Washington Blvd.
- ESCONDIDO**
Young's Music Co.
128 E. Grand Ave.

- GARDENA**
Gardena Hardware Co.
914 W. Palm St.
- GLENDALE**
Richardson Furn. Store
1326 E. Colorado St.
- HEMET, CALIF.**
McArthur Radio Co.
405 E. Florida St.
- HERMOSA BEACH**
Newcomb Electric Shop
1129 Hermosa Avenue
- HUNTINGTON PARK**
Huntington Park Furn. Co.
6217 Pacific Blvd.
- Forer Tire Company**
6040 Pacific Blvd.

- INGLEWOOD**
Inglewood Hdwe. Co.
129 N. Commercial St.
- LONG BEACH**
Kelm Radio
147 E. Fourth St.
- Morey's Music Store**
239 E. 4th St.
- Supertone Radio Co.**
610 W. Broadway
- Seaside Elec. Shop**
2185 Atlantic Ave.
- LA JOLLA**
C. H. Messner Radio
927 Silverado Ave.
- LOMITA**
Calkins Hardware Co.
Lomita Calif.
- MAGNOLIA PARK**
Chas. F. Morrell
3621 Magnolia Blvd.

- NORTH HOLLWOOD**
Chas. F. Morrell
5437 Lankershim Blvd.
- NORWALK**
W. E. Huilt
- OCEANSIDE**
E. F. MacBeth Radio Store
Cor. Hill and Topeka Sts.
- PASADENA**
Thomas Radio Co.
697 N. Lake St.
- POMONA**
Howard T. McGannon
321 E. Center St.
- RIVERSIDE**
Elvin E. Webb
11th and Main Sts.
- SANTA MONICA**
Roy Storie Pedley Station
- REDONDO BEACH**
Paul Eich
Arcade Bldg.

- SAN PEDRO**
San Pedro Radio Co.
378 W. Sixth St.
- Forer Tire Company**
142 S. Pacific Ave.
- SANTA ANA**
Marshall Radio Service
614 E. Fourth St.
- Santa Ana Radio Co.**
423 W. Fourth St.
- SAN DIEGO**
Walter Church
912 Broadway
- SANTA BARBARA**
Adams Piano & Furniture Store
11 E. Anatum St.
- SANTA MONICA**
Ed. Mathes 719 Broadway
- R. M. Rhodes Service Sta.**
424 Broadway

- Jack Cooper**
1417 Wilshire Blvd.
- SHERMAN**
Preuss Road Radio Service
465 Robertson Blvd.
- SOLANA BEACH**
Solana Beach Flac Co.
- TORRANCE**
Harvel's
1618 Craven Ave.
- VENTURA**
The Bartlett Co.
804 Main St.
- Ventura Radio Sales & Service**
79 S. Oak St.
- WALNUT PARK**
Smith Music Shop
2616 E. Florence Ave.
- WILMINGTON**
Driskill Furniture Co.
601 W. Anaheim Blvd.

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.

Schedule of DX Stations

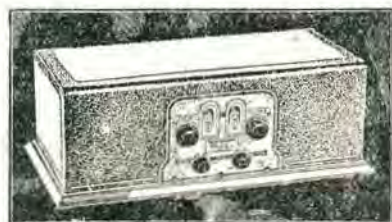
The opening and closing hour of the evening broadcast only are given, as it is unlikely that these stations can be heard on Pacific Coast prior to 5:00 p. m., Pacific Standard Time.

Call Letters	Location	Freq. Kc.	W. I. Meters	Power Watts	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
WGR	Buffalo, N. Y.	550	515 1	750	4 45- 7 15	5 00-10 30	5 00- 8 00	4 30- 9 00	5 00-10 00	5 00- 9 00	6 00- 8 00
WOW	Omaha, Neb.	590	508 2	1000	6 00- 8 15	4 30- 9 00	4 30- 8 00	5 00- 9 00	5 00- 9 00	4 45- 9 00	5 00- 9 00
WDAF	Kansas City, Mo.	610	491 5	1000	7 15- 8 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00
WIP	Philadelphia, Pa.	610	491 5	500	7 00- 8 00	5 00- 9 00	S	5 00- 9 00	S	5 00- 9 00	S
WEAF	New York, N. Y.	660	454 3	50000	S	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00
WLW	Mason, Ohio	700	428 3	50000	5 00- 8 30	8 00-10 30	5 00-10 00	5 00-10 00	5 00-10 00	5 00-10 20	5 00- 9 00
WOR	Newark, N. J.	710	422 3	5000	5 30- 7 30	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00
WGN	Chicago, Ill.	720	416 4	15000	5 00-10 00	5 00-10 30	5 00-10 10	5 00-10 10	5 00-10 00	5 00-10 00	5 00-12 00
CFCF	Montreal, Can.	730	410 7	1650	S	5 00 11 00	S	5 00- 8 00	S	5 00- 9 00	S
WSB	Atlanta, Ga.	740	405 2	1000	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00
WJR	Detroit, Mich.	750	400	5000	5 00-10 00	5 00-10 00	5 00-10 00	5 00-10 30	5 00-10 00	5 00-10 00	5 00-10 30
WJZ	New York, N. Y.	760	394 5	30000	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00
WBBM	Chicago, Ill.	770	389 4	25000	5 30-1 A.M.	5 00-11 00	6 00-10 00	5 10-11 00	5 00-10 00	5 00-11 00	5 00-11 00
KPAD	Lincoln, Neb.	770	389 4	5000	S	4 00- 9 00	4 00- 6 00	4 00-10 00	4 00- 6 00	4 00-10 00	4 00-10 00
WGY	Schenectady, N. Y.	790	379 5	50000	6 00- 7 30	5 00- 8 00	5 00- 9 00	6 00- 8 00	5 00- 9 30	5 00- 8 00	5 00- 9 00
KTHS	Hot Springs, Ark.	800	374 8	5000	6 30- 8 00	7 00-10 00	4 00- 7 00	7 00-10 00	5 30-12 00	4 00- 7 00	7 00-10 00
WCCO	Minneapolis, Minn.	810	370 2	10000	5 00- 8 15	5 00- 8 30	5 00- 8 30	5 00- 9 00	5 00- 8 00	5 00- 9 00	5 00- 9 00
CFCB	Toronto, Can.	840	356 9	500	6 00- 7 00	6 00- 7 00	5 00- 7 00	5 00 7 00	5 00- 7 00	5 00- 7 00	5 00- 8 00
KFNP	Shenandoah, Ia.	800	336 9	500	5 00- 6 00	5 30- 7 10	5 30- 7 10	5 30- 9 00	5 30- 7 10	5 30- 9 00	5 30- 9 00
WFLA- WSUN	Clearwater, Fla. St. Petersburg, Fla.	900	333 1	1000	S	5 30- 9 00	5 30- 9 00	5 30- 9 00	5 30- 9 00	5 30- 9 00	5 30- 9 00
WCFB	Chicago, Ill.	970	309 1	50000	4 30- 6 00	4 30- 6 00	4 30- 6 00	4 30- 6 00	4 30- 6 00	4 30- 6 00	4 30- 6 00
KDKA	Pittsburgh, Pa.	980	305 9	50000	5 00- 7 15	5 00- 7 30	5 00- 8 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00
WBZ- WBZA	Springfield Boston, Mass.	990	302 8	15000 500	5 00- 8 00	5 00- 8 35	5 00 7 10	5 00- 8 45	5 00- 8 30	5 00- 8 30	5 00-11 05
WHO	Des Moines, Ia.	1000	299 8	5000	8 00- 9 00	9 00-10 00	8 00 9 00	8 00- 9 00	8 00- 9 00	8 00- 9 00	8 00- 9 00
KYW- KFKX	Chicago, Ill.	1020	293 9	5000	5 00- 9 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00	5 00-11 00
CNRV	Vancouver, B. C.	1030	291 1	500	9 00-10 00	10 00-11 00	9 00-11 00	10 00 11 00	10 00-11 00	7 30-11 00	S
WBAL	Baltimore, Md.	1060	283	5000	5 00- 7 30	5 00- 8 00	5 00- 8 00	5 00- 8 00	5 00- 8 00	5 00- 8 00	5 00- 8 00
WTAM	Cleveland, Ohio	1070	280 2	3500	8 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00
KJBS	San Francisco, Cal.	1100	272 6	100	S	4 00- 5 30	4 00- 5 30	4 00- 5 30	4 30- 5 00	4 00- 5 30	4 00- 5 30
WFG	Atlantic City, N. J.	1100	272 6	5000	6 15- 8 30	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00	5 00- 9 00
KOIL	Council Bluffs, Neb.	1260	238	1000	5 00- 9 15	5 00-10 00	5 00-10 00	5 00-10 00	5 00-10 00	5 00-10 00	5 00-11 00
KDYL	Salt Lake City, Utah	1290	232 6	1000	4 00-11 00	4 00-11 00	4 00-11 00	4 00-11 00	4 00-11 00	4 00-11 00	4 00-11 00


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
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Announcer

**KFI KPO KGO
KGW KOMO
KHQ**

Charles H. Gabriel, Jr.
Program Director

Jennings Pierce
Chief Announcer
and Program Director

DAILY

9:00 p. m.—Time broadcast (except Saturday).
10:00 p. m.—The Trocadero's' Dance Orchestra (except Monday).

SUNDAY, DECEMBER 16

1:30 p. m.—Peerless Reproducers offer a program of melodies by two great Scandinavians, Halvorsen and Sibelius.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
3:00 p. m.—Sunday Afternoon concert brings Margaret O'Dea, contralto and Easton Kent, tenor, as soloists, and The National Concert Orchestra.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
4:30 p. m.—Biblical Dramas present a dramatized story of Queen Esther.
Broadcast over KHQ, KOMO, KGW, KPO and KFI.
6:15 p. m.—Atwater Kent programs have become nationally famous as one of the highest class and all-around excellent programs on the air. The hour will be broadcast from the New York Studios of NBC.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
7:15 p. m.—Three mixed quartet numbers and a soprano solo will be heard during the Dunn and McCarthy program.
Broadcast over KHQ, KOMO, KGW, KGO and KFI.
7:30 p. m.—The Whittall Anglo-Persian program will offer another typically oriental program.
Broadcast over KHQ, KOMO, KGW, KGO and KFI.

MONDAY, DECEMBER 17

6:30 p. m.—Another General Motors Family Party.
Broadcast over KHQ, KOMO, KGW, KGO and KFI.
8:00 p. m.—Rudy Selger's Shell Symphonists offer selections from one light opera and two grand operas.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
9:00 p. m.—The Firestone program presents Jerry Jermaine, contralto; Easton Kent, tenor; the Firestone Choristers and the 32-piece Firestone Orchestra.
Broadcast over KHQ, KOMO, KGW, KGO, KFI, KSL and KOA.
9:30 p. m.—Slumber Hour will give listeners six favorite numbers of music lovers.
Broadcast over KHQ and KGW.

TUESDAY, DECEMBER 18

10:30 a. m.—"Christmas Dinner Fixings" will be the interesting topic to be discussed during the "Woman's Magazine of the Air."
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
6:00 p. m.—The Eveready Hour.
Broadcast over KOMO, KGW, KGO, KPO and KFI.
7:00 p. m.—Cluquot Club Eskimos.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
7:30 p. m.—Dolores Cassenelli and Los Sevillanos will present an unusually fine Spanish concert.
Broadcast over KHQ, KOMO, KGO.
8:00 p. m.—Plantation Echoes will bring Judge Chandler and his charming family group before the microphone again at this time.
Broadcast over KHQ, KGW, KGO and KPO.
8:30 p. m.—Amalzo's Gitanos offer musical entertainment of semi-classical and popular types.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

WEDNESDAY, DECEMBER 19

10:30 a. m.—Helen Webster will give an interesting talk during the "Woman's Magazine of the Air" period.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
11:30 a. m.—"Hands of History" dramatizes outstanding incidents in the lives of famous women of the past.
Broadcast over KGO and KFI.
6:30 p. m.—Palmolive Hour brings the Palmolive Symphony, under the leadership of Gustave Haecusen.
7:30 p. m.—William and Suzanne will have another fast-moving and entertaining dramalgue during the Yellow Cab period.
Broadcast over KPO and KFI.
8:30 p. m.—Hill Billy songs, spirituals and up-to-the-minute popular song hits constitute a new program called the Hill Billy Boys.
Broadcast over KHQ.
9:00 p. m.—"Roads to Romance" bring Jack and Ethyl, the Motor mates, back home for Christmas.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

THURSDAY, DECEMBER 20

11:30 a. m.—The Standard School broadcast.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
6:00 p. m.—Selberling Program presents Selberling Singers, the Selberling "Singing Violins," two piano numbers.
Broadcast over KHQ, KOMO, KGW, KGO and KFI.
7:30 p. m.—The Christmas spirit will be evident in the Standard Symphony Hour.
Broadcast over KHQ, KOMO, KGW, KGO and KFI.
8:30 p. m.—Memory Lane will revive the days of Sunday School Christmas tree entertainment.
Broadcast over KGW and KGO.
9:30 p. m.—Maxwell House program, "Southern Roses."
Broadcast over KHQ, KOMO, KGW, KGO and KPO.

FRIDAY, DECEMBER 21

10:30 a. m.—"Woman's Magazine of the Air."
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
5:35 a. m.—Da-Ra-O will take his young listeners for a visit to Santa Claus in his home in the Ice Cream Mountains.
Broadcast over KOMO, KGW, and KGO.
6:00 p. m.—Wrinkley Review.
Broadcast over KHQ, KOMO, KGW, KGO and KFI.
6:30 p. m.—Two Octets will present a musical program in the New York studios. The new program is called "Sixteen Singers."
Broadcast over KHQ, KOMO, KGO.
7:00 p. m.—Los Angeles Studio program presents "Night in Spain," with Marin de la Vara, Spanish soprano, and Los Caballeros Orchestra.
Broadcast over KGO and KFI.
8:00 p. m.—Henry M. Hyde will be heard on "Orion and the Great Nebula" during the RCA Hour.
Broadcast over KHQ, KOMO, KGW, KGO and KPO.
9:30 p. m.—Moon magic offers the usual program of delightful music by the Maid of the Moon.
Broadcast over KHQ, KOMO, KGW, KGO.

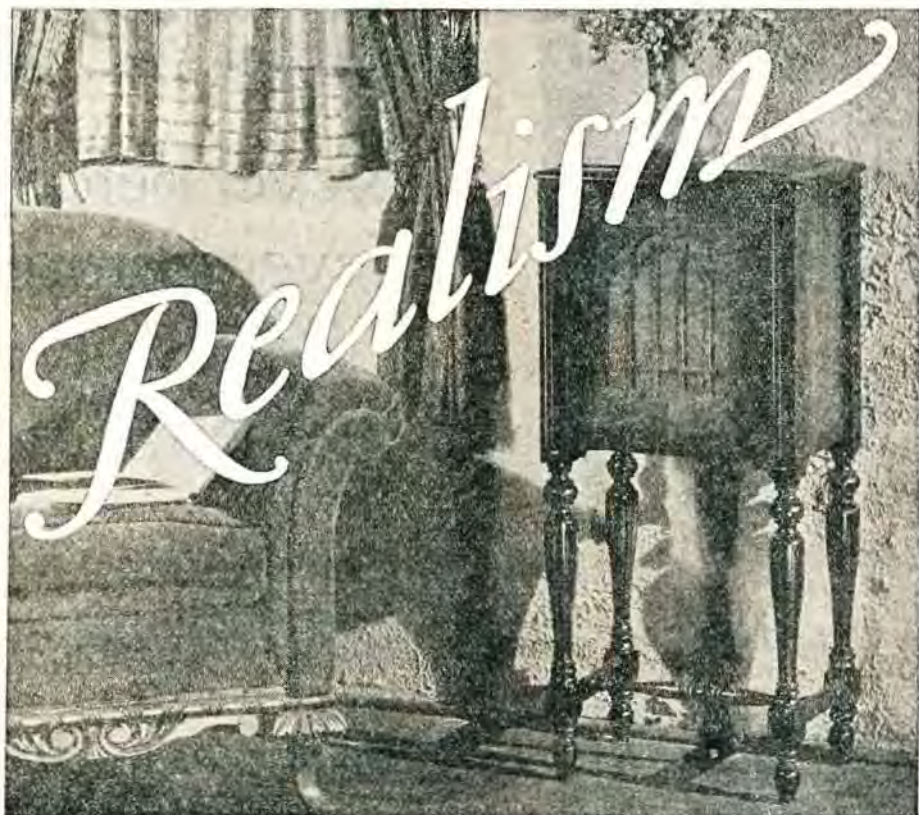
SATURDAY, DECEMBER 22

5:00 p. m.—The National Orchestra playing under the baton of Walter Damrosch will be heard from New York City.
Broadcast over KHQ, KGW, KGO, KPO and KFI.
6:00 p. m.—"Babes in Toyland" a favorite opera by Victor Herbert will be the Philco feature.
Broadcast over KHQ, KOMO, KGW, KGO and KPO.
7:00 p. m.—Lucky Strike Hour will bring another entertaining dance program.
Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.
8:00 p. m.—"The Carnival," which has proven so popular a program, will be broadcast at this time.
Broadcast over KPO and KGO.
9:00 p. m.—Serenge and Tine Tim will be brought to life by the Golden Legends period which will present Dickens "Christmas Carol."
Broadcast over KHQ, KGW, KGO.
10:00 p. m.—The Big Show offers two hours of scintillating entertainment by staff member of NBC.
Broadcast over KHQ, KGW, KGO (10:30 to 12:00).



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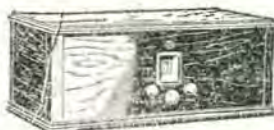
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KFI

Los Angeles, Calif.—640 Kc.

5000 WATTS—468.5 METERS

Radio Central Super-Station of Earle C. Anthony, Inc.
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DAILY EXCEPT SUNDAY

8:00 a. m.—Shell Happy Time from KFO.
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 Tuesday).
5:00 p. m.—Big Brother Ken (except Saturday).
10:00 p. m.—NBC Dance Music (except Monday and Tuesday).

11:30 a. m.—NBC, Thine Hand Cream program.
12:25 p. m.—L. A. Police Dept. of Public Safety.
12:45 p. m.—A. A. Mercy book talk.
2:00 p. m.—Variety Hour.
3:00 p. m.—Tom Whited, character songs.
3:30 p. m.—Cliff Gunning, tenor.
4:00 p. m.—Inez Ingram, use and song; Bell Bride well Danise, mezzo soprano.
4:30 p. m.—Harmony Trio.
5:30 p. m.—Nellie Callender Mills, violinist.
5:50 p. m.—Dr. Clarkson of Better American Fed.
6:00 p. m.—Studio program.
6:30 p. m.—NBC, Palmolive program.
7:30 p. m.—NBC, Yellow Cab program.
8:00 p. m.—Pasadena Trio.
8:30 p. m.—South American Tango Concert Orchestra.
9:00 p. m.—NBC, Associate Ojo Co.
9:30 p. m.—Georgia O. George.

THURSDAY, DECEMBER 20

10:00 a. m.—Sylvia's Happy Hour, sponsored by Bristol & Rudin.
11:00 a. m.—Georgia O. George.
11:30 p. m.—NBC, Standard School program.
12:23 p. m.—Kenny and Kay.
1:02 p. m.—Smiling Eddie Marble.
1:30 p. m.—Elizabeth Cooper.
2:00 p. m.—Helen White, blues; Aaron Gonzales, piano.
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.—Jack McGuire and Alice Stoddard.
4:30 p. m.—Kay Phillips.
4:35 p. m.—Dr. H. Edward Myers.
5:00 p. m.—Griffith Jones, attorney.
5:45 p. m.—Senator George W. Cartwright.
6:00 p. m.—NBC, Seiberling Singers.
6:30 p. m.—Ted Wyatt and his ukule.
7:00 p. m.—Geo. E. Chase, L. A. Public Library.
7:30 p. m.—NBC, Standard Symphony Orchestra.
8:30 p. m.—Georgia O. George.
9:30 p. m.—NBC, Maxwell House program.

FRIDAY, DECEMBER 21

10:00 a. m.—Betty Crocker Gold Medal talk.
10:30 a. m.—NBC, Woman's Magazine of the Air.
12:25 p. m.—Franklin I. Graves.
2:00 p. m.—Studio program.
2:30 p. m.—Wm. Don, English comedian.
3:00 p. m.—Dolly McDonald, blues.
3:30 p. m.—Victor Miller, character sketches.
4:00 p. m.—Cecilian Trio with Hilda Goldman, soloist.
5:00 p. m.—Big Brother Ken.
5:30 p. m.—Uncle Andy Claus, Erwin Wasey & Co.
6:00 p. m.—NBC, Writley program.
6:30 p. m.—Studio program.
7:00 p. m.—L. A. Studio program, Spanish hour.
8:00 p. m.—NBC, RCA Hour.
9:00 p. m.—Georgia O. George Lab.

SATURDAY, DECEMBER 22

12:25 p. m.—Silverstone Harmonica Trio.
12:30 p. m.—Paris Inn Cafe Orchestra, E. E. Sheetz.
1:02 p. m.—Paris Inn Cafe Orchestra.
2:00 p. m.—Gene Perry.
3:00 p. m.—Variety Hour.
4:00 p. m.—Opal Snow.
4:45 p. m.—Walter W. Strong, dietitian.
5:00 p. m.—NBC, Walter Damosch Orchestra.
6:00 p. m.—NBC, Philco Hour.
7:00 p. m.—NBC, Lucky Strike Hour.
8:00 p. m.—Studio program.
9:00 p. m.—Packard Concert Orchestra; Everton Studham, baritone.
10:00 p. m.—KFI Symphonette; Lenore Killian.
11:00 p. m.—KFI Midnight Frolic.

SUNDAY, DECEMBER 16

11:00 a. m.—Temple Baptist Church.
1:00 p. m.—Margaret Ruth Kenan.
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.—L. A. Church Federation program.
5:55 p. m.—Father Ricard's Sunspot Weather Forecast.
6:15 p. m.—NBC, Atwater Kent Auditions.
7:15 p. m.—NBC, Dunn & McCarthy program.
7:30 p. m.—Whittall Anglo-Persians.
8:00 p. m.—Story Hour with Packard Concert Orchestra, Pryor Moore, director; Zhay Clark, harpist.
9:00 p. m.—NBC, Atwater Kent Co. program.
9:30 p. m.—Norma Dylington, soprano.
10:00 p. m.—Wally Perrin's Packard Orchestra; Jean Dunn, soloist.

MONDAY, DECEMBER 17

12:10 p. m.—C. S. lecture, John E. Sedman, Cambridge.
12:50 p. m.—Shirley Reid, piano and song.
1:02 p. m.—Raymond Schouten, pianist; Norcen Camille, character sketches.
1:30 p. m.—Violet Diana Stelnaman, Angel of the Air.
2:00 p. m.—Wilfred Buttersworth, tenor, acc. by Ann McKinley.
2:30 p. m.—Studio program.
3:00 p. m.—L. A. Fire Dept. Orchestra; Dorothy Green.
4:00 p. m.—Mario Van Praag, soprano.
4:30 p. m.—Ruby Berry, song.
5:30 p. m.—Uncle Andy Claus, sponsored by Erwin Wasey & Co.
6:00 p. m.—E. H. Rust, nurse/ryman.
6:15 p. m.—Genevieve Behrend, "Science of Life."
6:30 p. m.—NBC, General Motors program.
7:30 p. m.—Bridle lesson by Mrs. June Snow.
7:45 p. m.—Police Commissioner W. G. Thorpe.
8:00 p. m.—NBC, Shell program.
9:00 p. m.—NBC, Firestone Tire & Rubber Co. prog.
9:30 p. m.—Georgia O. George.
10:00 p. m.—Night Cap Melodies, Packard Concert Orchestra, Pryor Moore, director.

TUESDAY, DECEMBER 18

9:00 a. m.—Musical program by Sylvia.
10:00 a. m.—Sylvia's Happy Hour, sponsored by Bristol & Rudin.
10:30 a. m.—NBC, Woman's Magazine of the Air.
11:30 a. m.—Georgia O. George Lab.
12:25 p. m.—Talks on Traffic Violations.
2:00 p. m.—Sunny Brooks.
2:30 p. m.—Idell Move, Hazel Shively, Eleanor Meagle.
3:00 p. m.—Marie Lohkar, contralto.
3:45 p. m.—Dr. Miller, "Human Nature Around the World."
4:00 p. m.—Fred Skinner, piano; Cecil Fry, piano and songs.
5:00 p. m.—Big Brother Ken.
5:30 p. m.—Prof. Carl S. Knopf.
5:45 p. m.—Department of Commerce talk.
6:00 p. m.—NBC, Eveready program.
7:00 p. m.—NBC, Cllonout Club program.
7:30 p. m.—Old Man Opportunity.
8:00 p. m.—Nick Harris, detective stories.
8:30 p. m.—NBC, American Maize Co.
9:00 p. m.—Packard Concert Orch., dir. Robt. Hurd.

WEDNESDAY, DECEMBER 19

10:00 a. m.—Betty Crocker, Gold Medal talk.
10:30 a. m.—NBC, Woman's Magazine of the Air.

*See Page 52 for detailed National Broadcasting Company program.

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Open Evenings

SHORT WAVES

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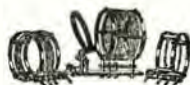
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E. K. Barnes
Daytime Director

C. M. C. Raymond
Commercial Director

Ernest G. Underwood
Technical Director

7:00 p. m.—Inglewood Park Cemetery Ass'n.
8:00 p. m.—Wetherby Kayser Shoe Co. program.
9:00 p. m.—Itchenfeld Oil Co. program.

TUESDAY, DECEMBER 18

10:00 a. m.—University of Southern California.
11:15 a. m.—Dr. Eugene Brown, talk on "Health."
12:45 p. m.—L. A. Adv. Club luncheon, from Biltmore.
1:30 p. m.—Myrohl 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 Maguin's Hour.
7:00 p. m.—Gillilan Radio program.
7:30 p. m.—Overell Furniture Co. playlet.
8:00 p. m.—Edison Co. program.
9:00 p. m.—Don Lee Symphony.

WEDNESDAY, DECEMBER 19

10:00 a. m.—University of Southern California.
12:45 p. m.—L. A. Optimists' Club Luncheon from Biltmore.
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.
6:15 p. m.—Organ recital, courtesy Gillilan Radio.
7:00 p. m.—KHJ Concert Orchestra.
8:00 p. m.—Pacific States Savings & Loan Co. program.
9:00 p. m.—Elvira Allman's Surprise Package.

THURSDAY, DECEMBER 20

10:00 a. m.—University of Southern California.
11:30 a. m.—Studio program.
2:00 p. m.—Bureau of Public Safety.
2:30 p. m.—Dorothy Ellen Cole, "This and That."
4:00 p. m.—Dr. Philip M. Lovell, "Care of the Body."
4:30 p. m.—"Uncle Jerry," "Trip Through Funland."
7:00 p. m.—Inglewood Park Cemetery Association.
7:30 p. m.—Gillilan Radio program.
8:00 p. m.—Unzars & Watson, Inc.
9:00 p. m.—Merlin Music Co. program.

FRIDAY, DECEMBER 21

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.
3:00 p. m.—Elvira Allman's Surprise Package.
4:00 p. m.—Los Angeles City Schools program.
4:30 p. m.—Council of International Relations.
7:00 p. m.—U. S. C. Trojan program.
7:30 p. m.—Myrohl Chemical Co. program, with Charlie Wellman.
8:00 p. m.—Continuity program, written by Van C. Newkirk.

9:00 p. m.—Don Lee Symphony.

SATURDAY, DECEMBER 22

8:00 to 12:00 noon—Day.
2:00 p. m.—KHJ Concert Soloists.
3:00 p. m.—Melody Masters.
7:00 p. m.—Bond Electric Corp. program.
7:30 p. m.—General Motors Co. program.
8:00 p. m.—Don Lee Christmas Party.

7:30 a. m.—Physical Culture Period by Dr. Phillip M. Lovell.

8:00 a. m.—KHJ Early Bird Program (ex. Fri. & Sat.).

9:00 a. m.—Half hour of late recordings (ex. Sat.).

9:30 a. m.—Studio Program, featuring Mona Content (except Saturday).

10:15 a. m.—Agnes White, "At Our Hour" (ex. Sat.).

12:00 noon—Los Angeles Biltmore Hotel Concert Orch.

12:30 p. m.—World-Wide News, courtesy L. A. Times.

1:30 p. m.—Charlie Wellman's Request Program.

3:30 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.).

6:00 p. m.—Nightly Doings.

6:15 p. m.—Organ Recital by Wesley B. Tourtelotte.

6:45 p. m.—World-Wide News, courtesy L. A. Times.

7:00 p. m.—Concert Orchestra and Soloists (ex. Tues.).

10:00 p. m.—Earl Burnett's Los Angeles Biltmore Hotel Concert Orchestra and Intermissions, through the courtesy of Unzars & Watson, Majestic Distributors.

SUNDAY, DECEMBER 16

9:30 a. m.—Late recordings.

10:30 a. m.—Morning services, First M. E. Church.

12:30 p. m.—Records.

2:00 p. m.—"The Old Adobe of Verdugo Woodlands."

3:00 p. m.—Concert recordings, courtesy Richardson's.

5:00 p. m.—KHJ Ballad Hour.

6:00 p. m.—Nightly Doings.

6:15 p. m.—Twilight Musicale.

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.—Cadillac-LaSalle Orchestra.

10:00 p. m.—Viennese Ouletette.

11:00 p. m.—KHJ Dance Orchestra.

MONDAY, DECEMBER 17

10:00 a. m.—University of Southern California.

11:15 a. m.—Dr. Eugene Brown, "The Blues."

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.—Marv Shannon Harrington, talk on "Problems of the Home."

5:00 p. m.—Pacific States Savings & Loan Co. program.

8:15 p. m.—Organ recital, courtesy Gillilan Radio.

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7:00 p. m.—Inglewood Park Cemetery Ass'n.
8:00 p. m.—Wetherby Kayser Shoe Co. program.
9:00 p. m.—Richfield Oil Co. program.

TUESDAY, DECEMBER 18

10:00 a. m.—University of Southern California.
11:15 a. m.—Dr. Eugene Brown, talk on "Health."
12:45 p. m.—L. A. Ade. Club luncheon, from Biltmore.
1:50 p. m.—Myrohl 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 Maglin's Hour.
7:00 p. m.—Giffillan Radio program.
7:30 p. m.—Overell Furniture Co. playlet.
8:00 p. m.—Edison Co. program.
9:00 p. m.—Don Lee Symphony.

WEDNESDAY, DECEMBER 19

10:00 a. m.—University of Southern California.
12:45 p. m.—L. A. Optimalists' Club Luncheon from Biltmore.
2:00 p. m.—Dr. Eugene Brown, health talk.
2:30 p. m.—Los Angeles Public Library.
4:00 p. m.—Fred C. McRabb, Garden talk.
6:15 p. m.—Organ recital, courtesy Giffillan Radio.
7:00 p. m.—KHJ Concert Orchestra.
8:00 p. m.—Pacific States Savings & Loan Co. program.
9:00 p. m.—Elvia Allman's Sunrise Package.

THURSDAY, DECEMBER 20

10:00 a. m.—University of Southern California.
11:30 a. m.—Studio program.
2:00 p. m.—Bureau of Public Safety.
2:30 p. m.—Dorothy Ellen Cole, "This and That."
4:00 p. m.—Dr. Philip M. Lovell, "Care of the Body."
4:30 p. m.—"Uncle Jerry," "Trip Through Funland."
7:00 p. m.—Inglewood Park Cemetery Association.
7:30 p. m.—Giffillan Radio program.
8:00 p. m.—Ungar & Watson, Inc.
9:00 p. m.—Martin Music Co. program.

FRIDAY, DECEMBER 21

8:00 a. m.—Verdugo Woodlands Breakfast Club.
2:00 p. m.—U. S. C. Trojan Hour.
2:30 p. m.—Florence Dobinson, The Theater, Past, Present and Future.
3:00 p. m.—Elvia Allman's Sunrise Package.
4:00 p. m.—Los Angeles City Schools program.
4:30 p. m.—Council of International Relations.
7:00 p. m.—U. S. C. Trojan program.
7:30 p. m.—Merrill Chemical Co. program, with Charlie Wellman.
8:00 p. m.—Continuity program, written by Van C. Newkirk.

SATURDAY, DECEMBER 22

8:00 to 12:00 noon—Dark.
2:00 p. m.—KHJ Concert Solists.
3:00 p. m.—Melody Masters.
7:00 p. m.—Rond Electric Corp. program.
7:30 p. m.—General Motors Co. program.
8:00 p. m.—Don Lee Christmas Party.

DAILY EXCEPT SUNDAY
7:30 a. m.—Physical Culture Period by Dr. Philip M. Lovell.
8:00 a. m.—KHJ Early Bird Program (ex. Fri. & Sat.).
9:00 a. m.—Half hour of late recordings (ex. Sat.).
9:30 a. m.—Studio Program, featuring Mona Content (except Saturday).
10:15 a. m.—Agnes White, "At Our Hour" (ex. Sat.).
12:00 noon—Los Angeles Biltmore Hotel Concert Orch.
12:30 p. m.—World-Wide News, courtesy L. A. Times.
1:30 p. m.—Charlie Wellman's Request Program.
3:30 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.).
6:00 p. m.—Nightly Dolberg.
6:15 p. m.—Organ Recital by Wesley E. Tourtelotte.
6:45 p. m.—World-Wide News, courtesy L. A. Times.
7:00 p. m.—Concert Orchestra and Solists (ex. Tues.).
10:00 p. m.—Earl Burnett's Los Angeles Biltmore Hotel Concert Orchestra and Intermissions, through the courtesy of Ungar & Watson, Majestic Distributors.

SUNDAY, DECEMBER 16

9:30 a. m.—Late recordings.
10:30 a. m.—Morning services, First M. E. Church.
12:30 p. m.—Recordings.
2:00 p. m.—"The Old Adobe of Verdugo Woodlands."
3:00 p. m.—Concert recordings, courtesy Richardson's.
5:00 p. m.—KHJ Ballad Hour.
6:00 p. m.—Nightly Dolberg.
6:15 p. m.—Twilight Musicals.
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.—Cadillac-LaSalle Orchestra.
10:00 p. m.—Viennese Oublette.
11:00 p. m.—KHJ Dance Orchestra.

MONDAY, DECEMBER 17

10:00 a. m.—University of Southern California.
11:15 a. m.—Dr. Eugene Brown.
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.—Marve Shannon Harrington, talk on "Problems of the Home."
5:00 p. m.—Pacific States Savings & Loan Co. program.
6:15 p. m.—Organ recital, courtesy Giffillan Radio.

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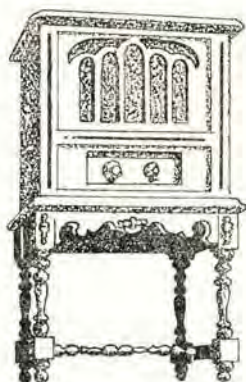
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Director

Glen Rice
Assistant Manager

N. D. Garver
Technical Engineer

- 4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.
7:00 p. m.—Feature program.
7:30 p. m.—One-act play directed by Georgia Finfield, courtesy Overall Furniture Co.
8:00 p. m.—Fitzgerald Music Co. courtesy program.
9:00 p. m.—Feature program.

TUESDAY, DECEMBER 18

- 6:45 a. m.—"Earlybirds," exercises given by Dr. P. M. Selvas.
7:15 a. m.—"Pen and Vigor," exercises given by Dr. P. M. Selvas.
7:45 a. m.—"Home Folks," exercises given by Dr. P. M. Selvas.
8:00 a. m.—Inspirational talk and morning prayer.
8:55 a. m.—Time Signals from Washington, D. C.
9:00 a. m.—Radio Shopping News, conducted by Carrie Preston Rittmeister.
10:30 a. m.—Town Crier of the Day's morning message.
10:30 a. m.—Eric Brew Vaughn, director of Household Economics Department of the Evening Express.
12:00 noon—Longines Time Signals, courtesy Geo. D. Davidson Company.
12:00 noon—Musical Program.
12:30 p. m.—W. F. Alder, travelogue.
1:30 p. m.—The Bookworm.
2:00 p. m.—Program, through the courtesy of the Los Angeles Evening Express Classified Advertising Department.
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.
6:30 p. m.—Dinner Program, presenting the KNX String Quintet, under the direction of Paul Flusstein.
6:30 p. m.—C. Sharp-Minor at the organ from the Hotel Ambassador Theater.
7:00 p. m.—Longines Time Signals, courtesy Geo. D. Davison Company.
10:30 p. m.—Longines Time Signals, courtesy Geo. D. Davison Company.
10:30 p. m.—Hotel Ambassador; Gus Arnheim and His Coconut Grove Orchestra, through the courtesy of the Red Motor Car Company of California.
12:00 midnight—The Dorado Club Silver Fizz Dance

SUNDAY, DECEMBER 16

- 8:30 a. m.—Musical program by Chet Mittendorf.
10:00 a. m.—Regum Toothpaste Co. courtesy program.
11:00 a. m.—First Presbyterian Church of Hollywood.
12:30 p. m.—"Automobile Buyers Guide."
1:00 p. m.—International Bible Students Assn.
2:00 p. m.—City Park Board musical program.
3:30 p. m.—All Souls Church; Dr. Charles Aked.
6:00 p. m.—Talk by Ernest Holmes.
6:30 p. m.—First Unitarian Church.
7:30 p. m.—Josef Rosenfeld's Concert Orchestra from the Hotel Ambassador.
8:00 p. m.—First Presbyterian Church of Hollywood, Rev. Stearns P. MacLennan, pastor.
9:00 p. m.—Calmon Luboviski, master violinist; Claire Mellonino, pianist; Walter V. Ferner, cellist.

MONDAY, DECEMBER 17

- 11:00 a. m.—Georgia O. George courtesy program.

- 11:00 a. m.—Strasska Laboratories presenting Tom Brenneman.
11:30 a. m.—French lessons by Edgaard Leon.
2:30 p. m.—Musical program.
4:00 p. m.—Garden talk by Dewey R. Kracksberg, courtesy Theodore Payne Nurseries.
4:15 p. m.—Ricardo, the Psychic Prince.
7:00 p. m.—Talk on Popular Science by Dr. Mars Baumbard.
7:30 p. m.—Strasska Laboratories presenting Tom Brenneman.
8:00 p. m.—Hercules Gasoline Co. presenting "Rufus and his Mule, Hercules."
9:00 p. m.—Feature program.

WEDNESDAY, DECEMBER 19

- 4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.
6:30 p. m.—Playgoers' Club conducted by Wedgwood Nowell.
7:00 p. m.—Mastag Company courtesy program.
7:30 p. m.—Strasska Laboratories presenting Tom Brenneman.
8:00 p. m.—Brown-Israel Company courtesy program.
8:30 p. m.—Great Moments in Biscuitry, courtesy Lea Cabin Bread Co.
9:00 p. m.—Feature program.

THURSDAY, DECEMBER 20

- 11:00 a. m.—French lessons by Edgaard Leon.
2:30 p. m.—Paul Hugen.
4:00 p. m.—Louise Johnson, reading horoscopes.
7:00 p. m.—Strasska Lab. presenting Tom Brenneman.
7:30 p. m.—Imperial Gas Co. of Long Beach courtesy program.
8:00 p. m.—Platt Personality program.
9:00 p. m.—Feature program.

FRIDAY, DECEMBER 21

- 10:30 a. m.—Strasska Lab. presenting Tom Brenneman.
2:30 p. m.—L. A. Dist. Fed. of Women's Clubs.
4:00 p. m.—Perfect Eyesight Without Glasses, by Dr. Wesley M. Barrett.
4:30 p. m.—Ricardo, the Psychic Prince.
7:00 p. m.—Strasska Lab. presenting Tom Brenneman.
7:30 p. m.—Hancock Oil Co. courtesy program.
8:00 p. m.—Royal Order of Optimistic Doughnuts, courtesy Davis Perfection Bread Co.
9:00 p. m.—Gilmore Oil Co. presenting Iton Tamers.
9:45 p. m.—Main event from Hollywood Legion Stadium, courtesy Dan Parker, the Tailor.

SATURDAY, DECEMBER 22

- 10:30 a. m.—Beauty talk courtesy of Madam Marie.
1:00 p. m.—C. P. R.'s musical program.
2:00 p. m.—Football game from Coliseum, courtesy of Union Oil Co.
6:00 p. m.—Playgoers' Club, conducted by Wedgwood Nowell.
7:00 p. m.—Bundy & Albright courtesy program.
8:00 p. m.—Announcement of services of 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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Director
Leslie Adams
Chief Announcer

8:15 p. m.—Evening Herald news items.
8:30 p. m.—KMTR Melody Makers.
11:00 p. m.—Recordings and Leslie Adams, pianist

TUESDAY, DECEMBER 18

7:00 p. m.—Santa Claus on the air from the May Co.
7:30 p. m.—Treasure Chest.
7:45 p. m.—Evening Herald news bulletins.
10:00 p. m.—Loren Powell's Little Symphony; Eva Olivetti, soprano.
11:00 p. m.—Leslie Adams, pianist and whistler;

WEDNESDAY, DECEMBER 19

1:45 p. m.—Garden talk by Opal Scarborough, from Germain's.
7:45 p. m.—Evening Herald news items.
8:00 p. m.—Musical program.
9:00 p. m.—Overall's Concert Orchestra.
11:00 p. m.—Nite Club with the Jazz Symphonists; Artie Lang from Roxy's Gang, New York, and Topsy Sackitt and Olive Reed.

THURSDAY, DECEMBER 20

7:00 p. m.—Santa Claus on the air, through the courtesy of the May Co.
7:30 p. m.—Universal Tailoring Company.
8:00 p. m.—Evening Herald news items.
8:15 p. m.—Loren Powell's Little Symphony.
9:00 p. m.—Musical program.
11:00 p. m.—Recordings and Leslie Adams, pianist

FRIDAY, DECEMBER 21

7:45 p. m.—Evening Herald news items.
8:00 p. m.—Treasure Chest.
8:15 p. m.—John Wright program.
11:00 p. m.—Leslie Adams and recordings.

SATURDAY, DECEMBER 22

7:30 p. m.—Evening Herald news items.
7:45 p. m.—Treasure Chest.
8:00 p. m.—Loren Powell's Little Symphony.
9:00 p. m.—Musical program.
11:00 p. m.—Nite Club, with the Jazz Symphonists

DAILY EXCEPT SUNDAY
12:00 midnight.—Louise Howatt.
6:00 a. m.—Louise Howatt's Happiness Hour.
7:00 p. 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, household economics expert of the Evening Herald.
12:30 p. m.—Evening Herald news items.
12:45 p. m.—Dollars and Sense.
1:00 p. m.—Press Agent with the Sunshine Four.
2:00 p. m.—KMTR Spanish program announced in Spanish by Senorita Luisa Lajau.
2:45 p. m.—Timely topics.

SUNDAY, DECEMBER 16

7:00 a. m.—The New Idea Man's Wholesome Food Breakfast Club.
9:00 a. m.—Musical Journey with John Wright, the Right Tailor.
12:00 noon.—Recordings.
12:30 p. m.—Lloyd K. Hillman courtesy program.
6:00 p. m.—Columbia broadcast from New York, featuring the "Two Black Crowns" and Arnold Johnson's Orchestra.
7:30 p. m.—Loren Powell's Little Symphony

MONDAY, DECEMBER 17

7:30 p. m.—Loren Powell's Little Symphony.



MAEBELLE LESLIE

KPLA

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Yale Whitney
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Billy Barron
Program Manager and
Director of Popular
Orchestra
Maebelle Leslie
Director of Concert
Orchestra
G. M. Sprague
Director of Transmission

8:30 p. m.—Metropolitan Theatre Revue, with Frank Jenks, master of ceremonies.

WEDNESDAY, DECEMBER 19

10:00 a. m.—Prudence Penny.
10:30 a. m.—Re Nu Yuth program, with Novelty Six and Chas. Henri.
5:00 p. m.—KPLA Concert Quintette, with Joe Flaxman.
7:00 p. m.—J. H. Bentley, Safety-First program, with the Sunny Three.
9:00 p. m.—Romola, Inc., KPLA Dance Orchestra, with Joe Graham.

THURSDAY, DECEMBER 20

10:00 a. m.—Sunny Three Hawaiian Trio.
10:30 a. m.—Novelty Six.
5:00 p. m.—Maebelle Leslie and her Concert Quintette, with Ida Schmeiz.

FRIDAY, DECEMBER 21

10:00 a. m.—Prudence Penny.
10:30 a. m.—Re Nu Yuth program, with Novelty Six.
3:30 p. m.—Los Angeles Police Dept.
5:00 p. m.—KPLA Salon Orchestra, with Emma Kimmel.
7:00 p. m.—J. H. Bentley, Safety-First program, with the Sunny Three.
9:00 p. m.—Moran & Fields Courtesy program, band and soloists.

SATURDAY, DECEMBER 22

10:00 a. m.—Sunny Three Hawaiian Trio.
10:30 a. m.—Eastern Football game.
2:00 p. m.—Football game at Coliseum.
5:00 p. m.—KPLA Concert Quintette, with Otto Ploetz.

SUNDAY, DECEMBER 23

3:00 p. m.—Concert recordings.
6:00 p. m.—Moran & Mark. The Two Black Crowns, featured over the Columbia Network.
9:00 p. m.—KPLA Dance Orchestra, Edna McKee, Wint Colton, Billy Barron, in request program.

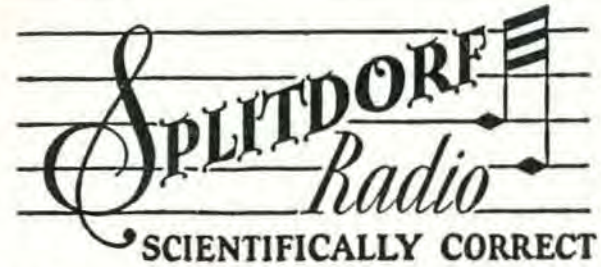
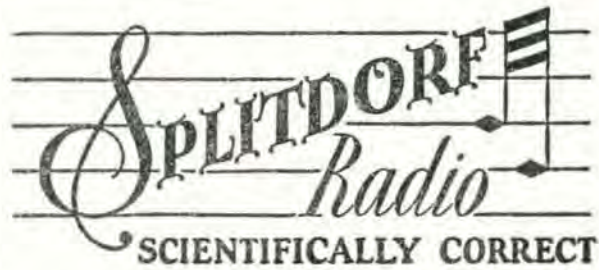
DAILY EXCEPT SUNDAY
9:15 a. m. to 10:00 a. m.—Band.
11:00 a. m.—Classified Ads. (ex. Sat.).
12:00 noon.—Recordings.
3:00 p. m.—Popular Request program (ex. Sat.).
4:00 p. m.—Health Talk (ex. Sat.).
4:05 p. m.—KPLA Concert Quartet with soloist (ex. Sat.).
6:00 p. m.—Druggists Radio Hour.
10:00 p. m.—KPLA Dance Orchestra, soloist (ex. Wed. and Sat.).

MONDAY, DECEMBER 17

10:00 a. m.—Prudence Penny.
10:30 a. m.—Re Nu Yuth program with Novelty Six and Chas. Henri.
5:00 p. m.—KPLA Concert Quintette with Ruth Glesby.
7:00 p. m.—J. H. Bentley, Safety-First program, with the Sunny Three.

TUESDAY, DECEMBER 18

10:00 a. m.—Sunny Three Hawaiian Trio.
10:30 a. m.—Novelty Six.
3:00 p. m.—KPLA Salon Orchestra with Hulda Diets.
8:00 p. m.—Bridze Game, courtesy U. S. Playing Card Co.



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& Radio**

1009 W. Manchester
THornwall 4736

Venice-Santa Monica

Venice Radio Shop
1227 Washington Blvd.
659-44

Radio Service Inc.
1456 4th St., Santa Monica
24-332

Redlands

Dale E. Sliger

414 Orange Street
Phone Main 1298

Riverside

Brick Wilson

450 Main Street
Phone 487

San Bernardino



Pasadena

Ashton's Radioelectric Store

1762 East Colorado Street
Colorado 4042

EQUIPPED WITH DYNAMIC SPEAKER ONE-SELECTIVITY-DISTANCE SUPREME

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

By order of the Federal Radio Commission, KFWB and KPSN must share time.



BILL RAY

KFWB

Phone GL. 9461

Gerald L. King
Manager

Wm. Ray
Assistant Manager

Florence Irsael
Program Arranger

Leslie Hewitt
Chief Technician

Hollywood, Calif.—950 Kc.

1000 WATTS—315.5 METERS
WARNER BROS. MOTION PICTURE STUDIOS
Warner Brothers' Theater, 6425 Hollywood Boulevard

7:30 p. m.—Burr McIntosh, "The Cheerful Philosopher."
9:00 p. m.—Bill's Ragtime Review.
Signing off at 10:00 p. m.

MONDAY, DECEMBER 17

6:30 p. m.—Vitaphone Jubilee Hour, broadcast from New York over the Columbia Broadcasting System.
7:00 p. m.—Harry Jackson and his entertainers, by remote control from Pig'n Whistle, Hollywood.
7:30 p. m.—The Kolster Orchestra.
8:00 p. m.—Seiberling All-Tread Orchestra and entertainers.
9:00 p. m.—Daily news.
9:10 p. m.—Xavier Cugat, violinist; Evelyn Kemp, pianist.

9:30 p. m.—Vicenzo Pometti's Concert Orchestra.

TUESDAY, DECEMBER 18

9:00 p. m.—Edgeworth Club program.
9:30 p. m.—Olympic Auditorium boxing bout.
10:30 p. m.—Roy Fox's Orchestra, from Montmartre.

WEDNESDAY, DECEMBER 19

8:00 p. m.—Desmond's program, featuring their concert orchestra and soloists.

9:00 p. m.—Ann Grey, popular songs: the Serenaders.

THURSDAY, DECEMBER 20

8:00 p. m.—Kenneth Gillum in popular songs; Len Nash and his Country Boys.
9:00 p. m.—Vernon Rickard, tenor, and the Federal Radio Orchestra.

FRIDAY, DECEMBER 21

7:45 p. m.—Jean Leonard, "Wizard of the Ivories."

8:00 p. m.—Daily news items.

8:10 p. m.—Spanish program.

9:00 p. m.—Light Opera Hour, played by Vicenzo Pometti's Concert Orchestra, assisted by Emma Kimmel, soprano, and Charles Beauchamp, tenor.

SATURDAY, DECEMBER 22

7:45 p. m.—Don Warner in piano solos,
8:00 p. m.—Mona Motor Oil Co., presenting the Mona Motor Oilers; Ann Grey, popular songs.
9:00 p. m.—Program in honor of the Illustrated Daily News.

DAILY EXCEPT SUNDAY

7:00 a. m.—Jack Rinearson's Sunshine Melody Boys.
9:30 a. m.—Harmors Hour.
10:30 a. m.—Spanish program.
11:00 a. m.—KFWB Shoppers' Directory.
12:30 p. m.—Air Journal.
1:30 p. m.—Housekeeper's Chat by Aunt Sammy of U. S. Home Economics.
4:00 p. m.—Travel Tales.
5:00 p. m.—Radio Review.
5:45 p. m.—Town Tattler.
6:00 p. m.—KFWB Concert Quintet.
6:45 p. m.—Harry Jackson and entertainers from Pig'n Whistle, Hollywood.
7:15 p. m.—Kolster Orchestra, courtesy John G. Rapp Corp., Kolster Radio Dist.
7:45 p. m.—Daily News (except Saturday).
8:00 p. m.—Time Signal, New Haven Clock Co.
10:00 p. m.—Roy Fox Orchestra from Montmartre.
Signing off at 11:10 (except Tuesday).

SUNDAY, DECEMBER 16

10:00 a. m.—Program by courtesy of Dan Parker, Tallor,
6:00 p. m.—Moran and Black, "The Two Black Crows,"
and Arnold Johnson's Orchestra, over Columbia Broadcasting.
7:00 p. m.—Harry Jackson and his entertainers, by remote control from Pig'n Whistle, Hollywood.



R. L. RUST

KGFH

Owned by
Frederick Robinson

R. L. Rust
General Manager

W. S. Brown
Sales Manager

Marela Conrad
Musical Director

Barrett Cosby
Technician

Glendale, Calif.—1000 Kc.

250 WATTS—299.3 METERS
Main Studio: Hotel Glendale, E. Broadway and Glendale Blvd.
Douglas 3326, Los Angeles Tel. CA. 6388

5:00 p. m.—Business announcements and recordings.
5:30 p. m.—News items.

WEDNESDAY, DECEMBER 19

11:30 a. m.—Rev. A. B. Cole,
4:00 p. m.—Jean Lincoln, dramatic soprano.
4:30 p. m.—Business announcements and recordings.
5:30 p. m.—News items.

THURSDAY, DECEMBER 20

11:30 a. m.—Parliamentary Law Club,
4:00 p. m.—Studio program.
4:30 p. m.—Business announcements and music.
5:30 p. m.—Larry Green and Marita Rose, ballads.

FRIDAY, DECEMBER 21

11:30 a. m.—Dr. Jundo Walton, numerologist.
4:00 p. m.—Glendale Harmony Trio; Marguerite Bayer, ballads.
4:45 p. m.—Business announcements and recordings.
5:30 p. m.—News items.

SATURDAY, DECEMBER 22

11:30 a. m.—Mr. Meyers, speaker.
4:00 p. m.—Studio variety program.
5:00 p. m.—Business announcements and recordings.
10:00 p. m.—Sierra Club Frolic; California Banjo Boys, Red Wyatt, Larry Green, Marita Rose, Gertrude Gussell.

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


SM

Why Go Without Either One?

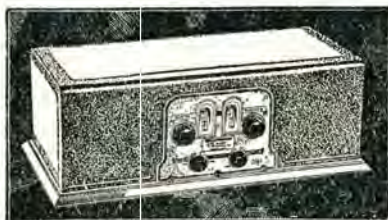
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It is true, also, that sensitivity in the 720 is far greater than is looked for in six-tube sets—three screen-grid stages as S-M manufactures them being more than equivalent to four or five stages in an ordinary set.

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MARSHANK SALES COMPANY

Southern California Representative

224 East Sixteenth St.

Los Angeles, Calif.

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

The essential features of these programs are identical with those sent by the stations.
By order of the Federal Radio Commission, KTM and KELW must share time.



GERREE MIDDLETON

K T M

Frank N. Bull
Director
Gerree Middleton
Assistant Director
Wm. K. Sabransky
Musical Director
W. K. McCreery
Commercial Manager

Santa Monica, Cal.—780 Kc.

500 WATTS—384.4 METERS
Municipal Auditorium, Ocean Park, Santa Monica, Calif.
Phone Santa Monica 63-101
Los Angeles Studio: Elks' Temple 99—Dunkirk 8154
Pickwick Broadening Corporation
Geo. H. Bowles, Vice-Pres. and Gen. Mgr.
Clarence B. Juneau, Chief Transmission Engineer
Harry D. Mills, Chief Structural Engineer

4:00 p. m.—Question Box for questions on radio.
8:30 p. m.—Meryle Holmes, violin; Dorothea Vogel, pianist.
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.
10:00 p. m.—Bob White, baritone; Vera Hamby, mezzo-contralto.

TUESDAY, DECEMBER 18

1:00 p. m.—Peggy Price, blues; Craig Leitch, tenor; Kathryn O'Neil, pianist.
8:30 p. m.—Hawaiian Trio.
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.
10:00 p. m.—Carol Laughner Quartet.

WEDNESDAY, DECEMBER 19

1:00 p. m.—Peggy Price, blues; Craig Leitch, tenor; Kathryn O'Neil, pianist.
3:20 p. m.—Berlitz Method Spanish lesson.
8:30 p. m.—Meryle Holmes, violin; Dorothea Vogel, pianist.
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.
10:00 p. m.—Vera Hamby, mezzo-contralto; Bob White, baritone.

THURSDAY, DECEMBER 20

1:00 p. m.—Peggy Price, blues; Craig Leitch, tenor; Kathryn O'Neil, pianist.
8:30 p. m.—Hawaiian Trio.
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.
10:00 p. m.—Carol Laughner's Quartet.

FRIDAY, DECEMBER 21

1:00 p. m.—Peggy Price, blues; Craig Leitch, tenor; Kathryn O'Neil, pianist.
3:20 p. m.—Berlitz Method Spanish lesson.
8:30 p. m.—Meryle Holmes, violin; Dorothea Vogel, pianist.
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.
10:00 p. m.—Vera Hamby, mezzo-contralto; Bob White, baritone.

SATURDAY, DECEMBER 22

1:00 p. m.—Rosalee Lane, popular songs; Polly Grant Hall, pianist.
8:30 p. m.—Hawaiian Trio.
9:00 p. m.—Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman, blues.
10:00 p. m.—Carol Laughner Quartet.

Earl L. White, Owner
Mr. H. W. Cole
Business Manager
Stuart F. Walnwright
Technical Engineer
Phones: Burbank 1601
6Ranite 3191

KELW

Burbank, Calif.—780 Kc.

MAGNOLIA PARK, 500 WATTS—384.4 METERS
"The White Spot of the San Fernando Valley"

DAILY EXCEPT SUNDAY

10:00 a. m.—Audrey Evans, Glendale Merchants' Hour.
11:00 a. m.—World News and Panatope.
5:00 p. m.—California String Quartet (except Thurs.).
5:45 p. m.—Morris Hill News.
6:00 p. m.—Twilight Club Entertainers.

SUNDAY, DECEMBER 18

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

MONDAY, DECEMBER 17

7:00 p. m.—Valley Mixed Quartet.

TUESDAY, DECEMBER 18

7:00 p. m.—Charles King, tenor; Irmales Campbell, soprano; Hollywood Harmony Quartet.

WEDNESDAY, DECEMBER 19

7:00 p. m.—Magnolia Park Trio; Kenney & Ray.

5:00 p. m.—Fred Shuch, piano; Rudy Haddock, tenor.
7:00 p. m.—Calif. String Quartet; Cliff Gunning, tenor.

FRIDAY, DECEMBER 21

7:00 p. m.—Neapolitan Trio; Otto Plotz, tenor.

SATURDAY, DECEMBER 22

7:00 p. m.—Artists Trio; Ruth Haddock, contralto.

WALTER BIDDICK — Phone Westmore 9137

"A Complete Radio Program and Announcement Service"

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Super AC Reception



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Southern California Distributor

PACIFIC COAST SALES CO.

2700 S. Hill St.

Los Angeles

Westmore 5873

50 Hawthorne St.

San Francisco

Sutter 1683

The essential features of these programs are identical with those sent by the stations. By order of the Federal Radio Commission, KMIC and KFSG must share time.



LITTLE EDDIE BARNES

KMIC

Inglewood, Calif.—1120 Kc.

500 WATTS—267.7 METERS
Chamber of Commerce Bldg., Inglewood, Calif.
Newspaper of the Air

Tel. TH. 1121
Owned and Operated by
James R. Fouch
Little Eddie Barnes
Studio Director and
Program Manager
Mildred Jean
Noon Announcer
C. B. Olmstead
Chief Technician
**NEWS BULLETIN
HOURLY**

DAILY EXCEPT SUNDAY

- 8:30 a. m.—Columbia Recordings.
9:00 a. m.—Organ Request program.
12:00 noon—Symphony Recordings.
1:00 p. m.—Mabel of the Air.
3:00 p. m.—Columbia Dance Recordings.
6:00 p. m.—Organ Recital.
6:30 p. m.—F. B. Miller program.
MONDAY, DECEMBER 17
6:45 p. m.—Cactus Mfg. Co.
7:00 p. m.—City of Inglewood program.
8:00 p. m.—Silvertone Hawaiian Trio; Dorothy Green, soloist.
9:00 p. m.—Legion Six Dance Orchestra.

- TUESDAY, DECEMBER 18**
6:45 p. m.—S. S. Hahn, attorney.
7:00 p. m.—Louise Moody, violinist; Robert Oswald, basso.
7:30 p. m.—Marguerite LeGrande, concert pianist.
8:00 p. m.—Al Chaudet and his Blue Boys; Neille Darcy, soloist.
9:00 p. m.—Al Mazzo, piano accordionist.

WEDNESDAY, DECEMBER 19

- 6:45 p. m.—Dr. John Mand.
7:00 p. m.—Frank and His Guitar.
8:00 p. m.—George Hyde and Seekers Orchestra; Clark Sisters, harmony.
9:00 p. m.—Bennie Berman and Jeannette Goldenberg, Brunswick artists.

THURSDAY, DECEMBER 20

- 6:45 p. m.—Cactus Mfg. Co.
7:00 p. m.—Rolando Concert Trio.

FRIDAY, DECEMBER 21

- 6:45 p. m.—Cactus Mfg. Co.
7:00 p. m.—L. A. Police Quartet.
7:30 p. m.—Southern California Music Co.
8:00 p. m.—Ralph Dennem's California Orchestra.
9:00 p. m.—Louise Moody Concert Trio.

SATURDAY, DECEMBER 22

- 6:45 p. m.—Cactus Mfg. Co.
7:00 p. m.—KMIC Little Symphony, C. J. Schubert.



BOB SWAN

KFQZ

Los Angeles, Calif.—850 Kc.

250 WATTS—352.7 METERS
1417 S. Figueroa St., Los Angeles, Calif. Westmore 3901.

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

DAILY EXCEPT SUNDAY

- 7:00 a. m.—Panatropé.
8:30 a. m.—Prosperity Program, with Orchestra.
10:00 a. m.—Panatropé and Shopping News.
3:00 p. m.—Panatropé and Shopping News.
6:00 p. m.—Silent.
10:00 p. m.—Jesse Stafford and his Brunswick Recording Orchestra, by remote control from the Cinderella Roof.
12:00 midnight—Panatropé Request.
SUNDAY, DECEMBER 16
8:00 a. m.—Breakfast program.
9:00 a. m.—Melrose Radio Shop program.
9:30 a. m.—Murray's Courtesy program.
10:40 a. m.—Morgan and Fields program.
11:00 a. m.—Courtesy program.
12:00 noon—Panatropé.
9:00 p. m.—Harmony Trio and soloist.
MONDAY, DECEMBER 17
10:00 p. m.—Norman Johnson; Singing Sisters.
11:00 p. m.—Dolly McDonald; Clinton Dimmock.
10:35 a. m.—Helene's Secret Period.

- 12:00 noon.—Bob Swan and Al Cajal, Diversified Hour.
1:00 p. m.—Sammy Koran; Louis Crawford.
2:00 p. m.—KFQZ Hawaiian Trio.
9:00 p. m.—Purr-Pull Syncopators; Al Cajal.

TUESDAY, DECEMBER 18

- 12:00 noon.—Bob Swan and Al Cajal, Diversified Hour.
1:00 p. m.—Bill Blaska; Dolly McDonald.
2:00 p. m.—Louis Crawford; Eddie Grandy.
2:30 p. m.—Dr. Moore's Talk on Health.
2:45 p. m.—Lois Crawford.
9:00 p. m.—Al Cajal Piano Request Hour.

WEDNESDAY, DECEMBER 19

- 10:05 a. m.—Helene's Secret Hour Period.
12:00 noon.—Bob Swan and Al Cajal.
1:00 p. m.—Sammy Koran; Lois Crawford.
2:00 p. m.—KFQZ Hawaiian Trio.
9:00 p. m.—Purr-Pull Syncopators; Al Cajal.

THURSDAY, DECEMBER 20

- 12:00 noon.—Bob Swan and Al Cajal.
1:00 p. m.—Marie Winger; Bill Blaska.
2:00 p. m.—Eddie Grandy; Lois Crawford.
4:00 p. m.—Auditions.

FRIDAY, DECEMBER 21

- 10:05 p. m.—Helene's Secret Period.
12:00 noon.—Bob Swan and Al Cajal, Diversified Hour.
1:00 p. m.—Lois Crawford; Marshall Elston.
2:30 p. m.—KFQZ Hawaiian Trio.
2:50 p. m.—Dr. Moore's Health Talk.
2:45 p. m.—KFQZ Hawaiian Trio.

SATURDAY, DECEMBER 22

- 12:00 noon.—Marie Winger, Bob Swan, Al Cajal.
1:00 p. m.—Jack Roberts; Dolly McDonald.
2:00 p. m.—Melody Sweethearts; Don Dorsey, Lois Crawford.

D. J. RADIO GROUND

WILL Increase Your DX Range.
Give Greater Selectivity and Finer Tone Quality.

The outstanding feature of this ground is the filler tube which makes it 100% efficient at all times. Indorsed by K. G. Ormiston and other well-known Radio Engineers. Your Dealer has the D. J. Ground or will order it for you.

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B. J. DeJARNETT 4161 Mandalay Drive Los Angeles Chicago 4731

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In Temple Dynamics this higher standard is found — for there is a little something that makes for reproduction that is just a little clearer—just a little sweeter—a little more bass—more natural than has been heard before. Temple Dynamics are made only as Temple can make them—that means better.

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The sensational Temple Air Chrome
Speaker—\$29

Model 15 Air Column
The famous Temple Exponential
Air Column Speaker—\$29

National Radio Supply Company

C. C. Lawton Company

Herbert H. Horn

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



LARRY SNELL

KGfJ Los Angeles, Calif.—1420 Kc.

211.1 METERS—Washington Blvd. at Oak St.

"Keeping Good Folks Joyful Twenty-four Hours a Day"

Owner and Manager
Ben S. McGlashan
Duke Hancock
Assistant Manager
Thelma Kirchner
Program Director
Larry Snell
Announcer
Chas. Whitney
Chief Technician
H. Trask Bruck
Night Owl
Phones:
Westmore 7777
Westmore 7778

1:30 p. m.—Honolulu Three Hawaiian Trio;
3:30 p. m.—Sunday Afternoon Frolic;
MONDAY, DECEMBER 17
11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.
12:00 noon—Rae Silverman, blues singer; Esther Kahn.
1:00 p. m.—Operatic Recordings.
3:00 p. m.—Bureau of Public Safety; L. A. Police Quartet.
7:00 p. m.—Albert Keglovich, violinist; Blanche Cooper
10:30 p. m.—Honolulu Three; Earl Snyder, baritone;

TUESDAY, DECEMBER 18

11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.
12:00 noon—Rae Silverman, blues; Esther Kahn.
7:00 p. m.—Albert Keglovich, violinist; Blanche Cooper, pianist; Charlie Davis, uke.
10:30 p. m.—Honolulu Three; Ralph Wark, baritone;

WEDNESDAY, DECEMBER 19

11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.
12:00 noon—Rae Silverman, blues; Esther Kahn.
7:00 p. m.—Radiotising Twins.
10:30 p. m.—Honolulu Three;

THURSDAY, DECEMBER 20

11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.
12:00 noon—Rae Silverman, blues; Esther Kahn.
7:00 p. m.—Albert Keglovich, violinist; Blanche Cooper.
10:30 a. m.—Honolulu Three; Gertrude Goldberg;

FRIDAY, DECEMBER 21

11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.
12:00 noon—Rae Silverman, blues singer; Esther Kahn.
7:00 p. m.—Radiotising Twins.
10:30 p. m.—Honolulu Three; Gene Perry, uke;

SATURDAY, DECEMBER 22

11:00 a. m.—Rocky Bernard, baritone; Margaret Hart.
12:00 noon—Rae Silverman, blues; Esther Kahn.
7:00 p. m.—Charlie Davis, uke; Albert Keglovich,
10:30 p. m.—Honolulu Three;

DAILY EXCEPT SUNDAY
12:00 to 7:00 a. m.—Nite Owl program.
7:00 a. m.—Breakfast program.
8:30 a. m.—Gordon Smith's Radiotising Service; Albert Keglovich, violinist; Blanche Cooper, pianist.
9:30 a. m.—Adele Millar Beauty Talk.
10:00 a. m.—Recordings.
11:00 a. m.—Noon Airline Radio Service.
12:00 noon—Your Favorite Request Hour.
1:00 p. m.—Studio program.
5:00 p. m.—Dick Moder and his Bandoliers.
7:00 a. m.—Gordon Smith's Radiotising Service.
8:00 a. m.—Rae and Esther, blues.
8:30 a. m.—Maurice Menge and his El Patio Orchestra, remote control from El Patio Ballroom.
10:30 p. m.—Silver Fizz Frolic.
SUNDAY, DECEMBER 16
12:00 to 7:00 a. m.—Nite Owl program.
7:00 a. m.—John Wright program; KMTB rebroadcast.
10:00 a. m.—Noon Southlanders Orch.; Charlie Cole.
12:00 noon—Hotel Alexandria Concert Trio;



JOHN A. GLASSE

KTBI Los Angeles, Calif.—1300 Kc.

1000 Watts—230.6 Meters—Bible Institute of Los Angeles

HARRY P. HERDMAN, Announcer. Phone ME, 6791

JOHN A. GLASSE, Director of Programs

R. W. BURNS, Technician

GORDON E. HOOKER, Accompanist

DAILY EXCEPT SATURDAY AND SUNDAY

8:00 a. m.—Uncle Fred's Blois Children's Club.
8:30 a. m.—Devotional hour.
9:00 a. m.—Studio music.
9:15 a. m.—Radio Bible Course.
12:00 noon—Noonday Chimes and Scripture Reading.

WEDNESDAY, DECEMBER 19

9:45 a. m.—Christian Psychology, Dean MacInnis.
10:35 a. m.—Doctrinal Lecture, Prof. McClain.
11:30 a. m.—Musical program.
1:00 p. m.—Jack Wells and Roy Clark.
1:30 p. m.—Inspirational Message and music.
2:00 p. m.—Rev. A. K. Stewart, Culver City U. P. Church.

THURSDAY, DECEMBER 20

9:45 a. m.—News of Christian Work, Dr. Boyd.
10:35 a. m.—Christian Philosophy, Dean MacInnis.
11:30 a. m.—Special music.
1:00 p. m.—Studio music.
1:15 p. m.—Missionary Biographies, Rev. Hunter.
2:00 p. m.—Visiting Pastor's Radio Ministry.

FRIDAY, DECEMBER 21

9:45 a. m.—New Testament Word Studies.
10:35 a. m.—Dr. G. Campbell Morgan.
11:30 a. m.—Special music.
1:00 p. m.—Hazel Shiveley and Gordon Hooker.
1:30 p. m.—Inspirational Message and music.
2:00 p. m.—Visiting Pastor's Radio Ministry.
7:00 p. m.—International Sunday School Lesson.
8:00 p. m.—Dr. G. Campbell Morgan.
9:15 p. m.—Studio Musical Hour.

SATURDAY, DECEMBER 22

7:00 p. m.—Jewish Service, Rev. D. L. Cooper.
7:30 p. m.—Instrumental Trio.
8:15 p. m.—Special Concert Hour.
9:00 p. m.—Oran Recital.

SUNDAY, DECEMBER 16
8:00 p. m.—Studio Vesper Service.
8:00 p. m.—Church of the Open Door, Dr. Myers.
9:00 p. m.—Old Hymns Hour.
MONDAY, DECEMBER 17
9:45 a. m.—Home Folks Request Hour.
10:35 a. m.—Doctrinal Lecture, Prof. Alva McClain.
11:30 a. m.—Studio music.
1:00 p. m.—Agnes Bridge, contralto.
1:15 p. m.—Faculty Music Hour.
2:00 p. m.—Rev. Horace Cushing.
7:00 p. m.—United Presbyterian Young People.
7:45 p. m.—Selected features.
8:15 p. m.—The Messiah, directed by Prof. Trowbridge.
9:00 p. m.—Studio Musical Hour.
TUESDAY, DECEMBER 18
9:45 a. m.—Selected features.
10:35 a. m.—Christian Philosophy, Dean MacInnis.
11:30 a. m.—Dr. W. E. Edmonds, Glendale Presbyterian Church.
1:00 p. m.—Winifred Kopp, contralto.
1:15 p. m.—King's Business Question Box.
2:00 p. m.—Visiting Pastor's Radio Ministry.

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The essential features of these programs are identical with those sent by the stations.
By order of the Federal Radio Commission, KFON and KEJK must share time.



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Announcer

KFON Long Beach, Cal.—1250 Kc.

Owned and Operated by
NICHOLS & WARINNER,
Inc.
220 E. Anaheim St.

CLARENCE CRARY
Announcer

DAILY EXCEPT SUNDAY

- 9:00 a. m.—Tadpole Jones, the Buttercream Boy.
9:15 a. m.—Egyptian Theatre Organ; Dick Dixon at Console.
9:45 a. m.—Prizma Hour.
10:00 a. m.—Hawaiian program.
10:10 a. m.—Salon music.
10:30 a. m.—Popular Dance program.
11:20 a. m.—"Clarence," courtesy Harris Furs.
11:30 a. m.—Press-Telegram News, Frank P. Goss.
11:50 a. m.—Varied and musical program.
12:00 noon.—Egyptian Theatre Organ; Dick Dixon.
4:00 p. m.—Press-Telegram News, Frank P. Goss.
5:30 p. m.—Hancock Oil Co. Orchestra and entertainment every day.
5:00 p. m.—Egyptian Theatre Organ; Dick Dixon.
6:00 p. m.—Lost and Found Dept.
6:05 p. m.—Hancock Oil Co. Orchestra and entertainment every day.

SUNDAY, DECEMBER 16

- 9:30 a. m.—Organ recital from Studio.
10:30 a. m.—Musical program.
11:00 a. m.—St. Luke's Episcopal Church, Rev. Austin.
12:30 p. m.—Musical program for Hikel Music Co.
1:30 p. m.—Organ recital from Pacific Coast Club; Herbert Nixon at the console.
2:30 p. m.—Long Beach Municipal Band concert.
4:00 p. m.—New Masonic Temple organ; Dick Dixon.
5:00 p. m.—Hancock Oil Co. Orchestra.
6:00 p. m.—Radio Church of the Air.
7:00 p. m.—Bear Cafe Orchestra.



EDMUND LYTTON

DAILY EXCEPT SUNDAY

- 7:00 a. m.—Real Seal Artists.
8:00 a. m.—Margaret's Hour.
MONDAY, DECEMBER 24
2:00 p. m.—Variety matinee, featuring Edward Jardon, Lucy Day, KEJK Concert Orchestra, KEJK Trio and Christmas carols.
3:40 p. m.—Dr. Lowell Frost. "Boys' Problems."
9:00 p. m.—Continuity with music, "The Christ Story."
10:00 p. m.—Carols, Christmas songs by orchestra and soloists.
12:00 midnight.—Christmas carols.
12:30 a. m.—Request record program.
TUESDAY, DECEMBER 25
2:00 p. m.—Tudor Williams, Mildred Ware, Lucy Day and Edward Jardon. Songs by Marshall Chashoudian, piano; Paul Carson, piano; Joseph Colling, trumpet; Charles Beynon, flute and sax; KEJK Orchestra.
9:00 p. m.—Historical story on Finance musically illustrated.

KEJK Beverly Hills, Cal.—1250 Kc.

500 WATTS—239.9 METERS
Operated by Macmillan Petroleum Co.
Home Beautiful Exhibit Bldg.

Tel. OX. 7141

- 10:00 p. m.—"Christmas Evening," with Helen Fraser Macmillan, Lucy Day, Tudor Williams and quartet, Edward Jardon and Mildred Ware.

WEDNESDAY, DECEMBER 26

- 2:00 p. m.—Variety matinee, featuring KEJK Orchestra; Mildred Ware, contralto; Edward Jardon, tenor; Tudor Williams, baritone; Joseph Colling, trumpet solo.
9:00 p. m.—Hours with American composers: "Short Sketch of Florence Herbert, with KEJK Orchestra; More Mileage Music Makers; Helen Fraser Macmillan, and KEJK Mixed Quartet.

THURSDAY, DECEMBER 27

- 2:00 p. m.—Variety matinee, featuring Marshall Chashoudian, violin; Lucy Day, soprano; Tudor Williams, baritone; Edward Jardon, tenor, and KEJK Orchestra.
9:00 p. m.—"A Night in Spain," with Spanish Trombe contralto soloists.
10:00 p. m.—Studio program, featuring KEJK exclusive entertainers.

FRIDAY, DECEMBER 28

- 2:00 p. m.—Variety matinee, featuring KEJK exclusive entertainers and More Mileage Music Makers.
9:00 p. m.—"Who Lights Are Low," a musically illustrated short story by Jean Campbell Macmillan.
10:00 p. m.—Program by KEJK Orchestra and More Mileage Music Makers.

SATURDAY, DECEMBER 29

- 2:00 p. m.—Variety matinee, featuring Lucy Day, soprano; Edward Jardon, tenor; Mildred Ware, contralto; Chas. Benson, flute and vocal.
9:00 p. m.—Studio concert, featuring exclusive KEJK entertainers: KEJK Saxophone Choir, KEJK mixed quartet, vocal and piano solo.

"Where Your Ship Comes in"
1000 WATTS—239.9 METERS—HANCOCK OIL STATION

- 8:00 p. m.—First Church of Christ, Scientist.
11:00 p. m.—Studio Frolic.
12:00 midnight.—Egyptian Tom Cats.

MONDAY, DECEMBER 17

- 4:45 p. m.—Dave Minnis, the Human Player-Piano.
7:00 p. m.—Surdam's Buttercream School.
8:00 p. m.—Godyear Quartet and Entertainers.
11:00 p. m.—New Masonic Temple organ; Dick Dixon.

TUESDAY, DECEMBER 18

- 1:00 p. m.—Riviera Club luncheon.
4:30 p. m.—Haymaker's Old-Time Dance Music.
6:45 p. m.—Dr. Robt. T. Williams, tubercular specialist.
7:00 p. m.—Sunset Hawaiian Trio.
11:00 p. m.—New Masonic Temple organ; Dick Dixon.
12:00 midnight.—Recordings.

WEDNESDAY, DECEMBER 19

- 1:00 p. m.—Rotary Club luncheon.
4:45 p. m.—Dave Minnis, the Human Player-Piano.
7:00 p. m.—Musical program.
7:30 p. m.—Pacific Coast Club Orchestra.
8:30 p. m.—Long Beach Municipal Band.
11:00 p. m.—Pacific Coast Club Orchestra.

THURSDAY, DECEMBER 20

- 1:00 p. m.—"Health and Economy" Dr. Clarke.
4:30 p. m.—Haymaker's Old-Time Music.
5:30 p. m.—Bear Cafe Orchestra.
7:00 p. m.—Sunset Hawaiian Trio.
7:30 p. m.—Chrysler program.
8:00 p. m.—Texas Cowboys' Old-Time Music.
11:00 p. m.—Long Beach Municipal Band.
11:00 p. m.—New Masonic Temple organ; Dick Dixon.

FRIDAY, DECEMBER 21

- 1:00 p. m.—Masonic Club luncheon.
7:00 p. m.—"Em and Clem."
7:30 p. m.—Chrysler program; Pac. Coast Club Orch.
8:00 p. m.—Theatrical Stars, sponsored by Long Beach Boctery.
11:00 p. m.—Pacific Coast Club Orchestra.
12:00 midnight.—Recordings.

SATURDAY, DECEMBER 22

- 4:45 p. m.—Dave Minnis, the Human Player-Piano.
7:00 p. m.—Sunset Hawaiian Trio.
7:30 p. m.—Chrysler program; Pac. Coast Club Orch.
8:00 p. m.—Songs of Long Ago.
8:30 p. m.—Long Beach Municipal Band.
11:00 p. m.—Pacific Coast Club Orchestra.

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Technician

2:30 p. m.—String Trio.
3:00 p. m.—Concert music.
4:00 p. m.—Child Psychology—Gladys Sankov Heyman
6:00 p. m.—Shell Orchestra.
7:00 p. m.—Better English period.
7:15 p. m.—Diamond Hawaiian Trio.
9:00 p. m.—Marian Sevier, whistler.

TUESDAY, DECEMBER 18

1:00 p. m.—Dobyns Shoestrings.
2:00 p. m.—Corlind Gilmore Saxophone Conservatory.
4:00 p. m.—Music Appreciation—Charlotte Louise Brecht.
6:00 p. m.—Dick Lovv's Tavern Club Orchestra.
7:00 p. m.—Book Lovers' period.
7:15 p. m.—Royal Collegians—Dick & Bill, harmonica.
8:00 p. m.—Scholo program.
9:00 p. m.—Dick Sea and his Majestic Ballroom Orch

WEDNESDAY, DECEMBER 19

1:00 p. m.—Hawaiian Trio.
4:00 p. m.—Home Economics—Mary Moore Monroe.
6:00 p. m.—Jolly Jesters Orchestra.
6:45 p. m.—Royal Collegians—Dick & Bill, harmonica.
9:00 p. m.—Masque and Sandal Players.
9:30 p. m.—Dick Sea and his Majestic Ballroom Orch

THURSDAY, DECEMBER 20

1:00 p. m.—Optimist Club program from Hotel Virginia.
1:20 p. m.—Voice Clinic.
4:00 p. m.—Shoestrings.
5:40 p. m.—Studio program.
7:00 p. m.—Adult Education Dept. period.
9:00 p. m.—Eldorado Ladies' Trio.

FRIDAY, DECEMBER 21

1:00 p. m.—Dobyns Concert Trio.
4:00 p. m.—Eloise Casner, soprano.
6:00 p. m.—Dick Lovv's Tavern Club Orchestra.
7:00 p. m.—Re-educating the Grown-up

SATURDAY, DECEMBER 22

8:30 a. m.—Saturday Morning Specialties.
4:00 p. m.—Shoestrings.
6:00 p. m.—Dance music.
7:00 p. m.—Church announcements and program.
9:00 p. m.—Pattee Trio.
11:00 p. m.—Major Frolic.

DAILY EXCEPT SUNDAY
8:30 a. m.—Devotional period, Rev. Johnston Calhoun
8:45 a. m.—Staff artist.
9:00 a. m.—Daily Calendar and announcements.
9:15 a. m.—Morning Frolic.
10:15 a. m.—How to be beautiful.
10:30 a. m.—Dobyns Concert Trio.
11:00 a. m.—Imperial Theater Organ (ex. Thurs.).
11:30 a. m.—Studio program.
12:00 a. m.—Your favorite popular number.
2:30 p. m.—Long Beach Municipal Band (ex. Mon.).
5:00 p. m.—Children's program.
5:40 p. m.—Health program (ex. Tues., Thurs., Sat.).
10:00 p. m.—Dick Sea and his Majestic Ballroom Orch.
11:00 p. m.—Dobyns Shoestrings.

SUNDAY, DECEMBER 16

9:30 a. m.—Taubman Men's Bible Class.
11:00 a. m.—First United Presbyterian Church services.
1:30 p. m.—Tylophone program.
2:30 p. m.—Long Beach Municipal Band concert.
5:00 p. m.—Choosing Things Worth While.
5:15 p. m.—Concert music—Irma Jasper, violin.
6:00 p. m.—Populr music.
7:00 p. m.—Hawaiian music.
8:00 p. m.—Robert McKinstry, contralto.
9:00 p. m.—Venetian Trio.
9:30 p. m.—Sunday Night Frolic.

MONDAY, DECEMBER 17

1:00 p. m.—Exchange Club from the Hotel Virginia.
1:30 p. m.—Dobyns Shoestrings.



E. C. HUCKABEE

KGEF Los Angeles, Calif.—1300 Kc.

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7:00 p. m.—The Hired Man.
7:20 p. m.—Joan Unfried.
7:40 p. m.—Dean Hancy and Doyle Cole
8:00 p. m.—Bob Shuler's Question Hour.
9:00 p. m.—Raymond N. Schouten, Piano Recital.
9:20 p. m.—The Maud Barnett Vocal Studios.
10:00 p. m.—Mozart Johnson, tenor.
10:30 p. m.—The Hired Man and Geo. Weibel, whistler.

WEDNESDAY, DECEMBER 19

6:00 p. m.—Mrs. Murry's Dramatic Readers.
6:30 p. m.—J. E. Moore in Gospel Songs.
7:00 p. m.—The Conroy Bible Class.
7:45 p. m.—The Union Rescue Mission.
8:30 p. m.—Bob Shuler's Religious Discussion.
9:00 p. m.—Old Songs Quartet.
10:00 p. m.—Volunteers of America.
10:30 p. m.—Mr. and Mrs. Huckabee.

THURSDAY, DECEMBER 20

6:00 p. m.—Jane Percell and Mary Sims.
6:30 p. m.—The Custis Sisters.
7:00 p. m.—Dr. Fredus Nelson Peters.
7:30 p. m.—The Girls Corner Club.
8:00 p. m.—Bob Shuler's Civic Talk.
9:00 p. m.—Male Quartet.
9:30 p. m.—South Park Christian Church Bereans.
10:15 p. m.—Raymond N. Schouten Piano Studio.
10:30 p. m.—The Hired Man.

FRIDAY and SATURDAY—SILENT.

SUNDAY, DECEMBER 16
8:30 a. m.—The Morning Watch Quartet.
9:30 a. m.—Ethel Carbaugh's Story Hour.
10:00 a. m.—Mr. Hockett Bible Hour.
10:45 a. m.—Trinity Methodist Church Morning Service
2:00 p. m.—Miscellaneous Musical Program, with the Hired Man.
3:00 p. m.—The Southern California Holiness Ass'n.
4:00 p. m.—Spanish Program.
5:00 p. m.—The Vesper Hour.
7:00 p. m.—Bob Shuler's Prelude Questions.
TUESDAY, DECEMBER 18
5:00 p. m.—Yette Barber Studio Program.
6:30 p. m.—Hughie's Photo Studio Program.

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DOROTHY ZIBLEMAN
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President

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6:15 p. m.—Bob Larsen's Orchestra.
7:00 p. m.—George Ballentine, Dorothy Zibleman.
7:30 p. m.—Bernis Belding McClintock, violinist.
8:00 p. m.—Feature program.
9:00 p. m.—Imperial Syncretists; Cula McCullum.
10:00 p. m.—Jimmie Kerr's Orchestra.
11:00 p. m.—Plata Real Orchestra.

WEDNESDAY, DECEMBER 19

3:15 p. m.—Spreckels Outdoor Organ.
6:15 p. m.—Bob Larsen's Orchestra.
7:00 p. m.—Charles Gurley, Better Business Bureau.
7:30 p. m.—Velma Robinson, Marguerite Smith.
7:50 p. m.—Theosophical University concert.
8:30 p. m.—Studio program.
9:30 p. m.—Sunshine Hawaiian Quartette.
10:00 p. m.—Hotel Del Coronado Casino Orchestra.
11:00 p. m.—Plata Real Orchestra.

THURSDAY, DECEMBER 20

3:15 p. m.—Balboa Park Organ.
6:15 p. m.—Plata Real Orchestra.
7:00 p. m.—San Diego Police Dept. program.
8:00 p. m.—Unitarian Church hour.
9:00 p. m.—Cramer's Baking hour.
10:00 p. m.—Jimmie Kerr's Casino Orchestra.
11:00 p. m.—Bob Larsen's Plata Real Orchestra.

FRIDAY, DECEMBER 21

3:15 p. m.—Spreckels Outdoor Organ.
6:15 p. m.—Dinner program.
7:00 p. m.—Thearle Music Co. hour.
8:00 p. m.—Motor Hdw. & Equip. Old Time hour.
9:00 p. m.—Feature program.
10:00 p. m.—Hotel Del Coronado Casino Orchestra.
11:00 p. m.—Plata Real Orchestra.

SATURDAY, DECEMBER 22

3:15 p. m.—Organ Recital, Balboa Park.
8:15 p. m.—San Diego Union and Tribune program.
7:00 p. m.—Children's Variety hour.
9:00 p. m.—Aloha Boys, Velma Prichard.
10:00 p. m.—Jimmie Kerr's Casino Orchestra.
11:00 p. m.—Bob Larsen's Orchestra.

DAILY EXCEPT SUNDAY
9:00 a. m.—Morning Musical, H. T. Peterson.
10:00 a. m.—Amy-Lou Shopping Hour.
11:00 a. m.—Service Hour.
12:00 noon.—Time Signals.
12:01 p. m.—Peck's Service Hour.
12:30 p. m.—Pantages Organ Recital.
3:15 p. m.—Organ Recital.
4:45 p. m.—Musical Review.
6:00 p. m.—Time Signals.
6:32 p. m.—San Diego Union and Tribune news items.
7:30 p. m.—U. S. Government weather report.
9:00 p. m.—Time Signals.

SUNDAY, DECEMBER 16

11:00 a. m.—Music Box Review.
2:00 p. m.—Services, International Bible Students.
3:00 p. m.—Services, Theosophical Society.
4:00 p. m.—Spreckels Outdoor Organ, Balboa Park.
8:30 p. m.—Hutton's Hotel Del Coronado Concert

MONDAY, DECEMBER 17

6:15 p. m.—Dinner program.
7:00 p. m.—Thearle Music Hour.
8:00 p. m.—Studio program.
9:00 p. m.—American organ Roundup.
11:00 p. m.—Plata Real Orchestra.

TUESDAY, DECEMBER 18

3:15 p. m.—Organ Recital, Balboa Park.

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J. W. Laughlin
Managing Director

Mrs. Frederick Crowe
Program Director

Curtis Peck
Technical Director

7:00 p. m.—NBC.*
7:30 p. m.—Studio program.
8:00 p. m.—NBC.*
9:00 p. m.—Kolster Hour.
10:00 p. m.—Procederans.

WEDNESDAY, DECEMBER 15

10:00 a. m.—Betty Crocker's Gold Medal Home Service talks.
10:30 a. m.—NBC.*
1:30 p. m.—Anne Warner's Home Making Chats.
3:30 p. m.—Afternoon Trio for the Garage & Property Owners Association.
7:00 p. m.—Tommy Munroe and Bob Allen.
7:30 p. m.—NBC.*
9:30 p. m.—Studio program.
10:00 p. m.—Gordon Henderson's Palm Court Dance Band.

THURSDAY, DECEMBER 20

10:00 a. m.—Annabelle Lee for Langendorf Baking Co.
11:30 a. m.—NBC.*
12:30 p. m.—Shirine Luncheon.
1:30 p. m.—Jerry Jermaine for Hale Bros., Inc.
5:30 p. m.—Evelyn Trent, in World Topics on the Air.
6:00 p. m.—The Daily Roo-Logue with music.
7:00 p. m.—Federal Business talks.
7:15 p. m.—Sports-on-the-Air, by Harry Smith of the Chronicle.
7:30 p. m.—Tommy Munroe and Bob Allen.
8:00 p. m.—Caswell Hour.
8:30 p. m.—Nathan Abas, violin recital.
9:00 p. m.—Maurice Guskys.
9:30 p. m.—NBC.*

FRIDAY, DECEMBER 21

9:30 a. m.—Dobbie's Daily Chat for Roos Bros.
10:00 a. m.—Betty Crocker's Gold Medal Home Service talks.
10:30 a. m.—NBC.*
12:45 p. m.—Commonwealth Club luncheon at Palace Hotel.
1:30 p. m.—Jerry Jermaine for Hale Bros., Inc.
3:30 p. m.—Afternoon Trio for the Garage & Property Owners Association.
7:00 p. m.—Studio program.
7:30 p. m.—Tommy Munroe and Bob Allen for Lloyd K. Hillman.
8:00 p. m.—NBC.*
9:00 p. m.—Abas String Quartet.
10:00 p. m.—Gordon Henderson's Palm Court Dance Band.
11:00 p. m.—NBC.*

SATURDAY, DECEMBER 22

10:00 a. m.—Annabelle Lee for Langendorf Baking Co.
1:30 p. m.—Anne Warner's Home Making Chats.
5:00 p. m.—NBC.*
7:00 p. m.—NBC.*
9:00 p. m.—Gordon Henderson's Palm Court Dance Band.
10:00 p. m.—NBC.*
12:00 a. m.—Saturday Midnight Review, conducted by Curtis Peck.

DAILY EXCEPT SUNDAY

6:45 a. m.—S. & W. Health Exercises, with Hugh Dobbs.
8:00 a. m.—The Shell Happy Time.
9:30 a. m.—Dobbie's Daily Chat.
11:30 a. m.—Ye Town Crier (except Thursday).
12:00 noon.—Time signals, scripture reading, etc. (except Saturday).
12:00 noon.—Lillian R. (except Saturday).
1:00 p. m.—Jerry Jermaine, for Hale Bros. (except Wednesday, Thursday and Friday at 1:30).
2:00 p. m.—House of Dreams (ex. Mon. and Sat.)
4:30 p. m.—Ye Town Crier Service (ex. Tues.).
5:00 p. m.—Children's Hour.
6:00 p. m.—Reo Logue with music.
10:00 a. m.—Art Talk by Helen Gordon Barker. "Café Art."
8:00 p. m.—N. B. C. program.
9:00 p. m.—N. B. C. program.
9:30 p. m.—KPO's Variety Hour, featuring KPO's popular entertainers.

SUNDAY, DECEMBER 16

8:45 a. m.—Interdenominational and Non-sectarian Church services.
1:30 p. m.—NBC.*
3:00 p. m.—"The Messiah"—Lonna Lachmund, soprano; Irene Howland Nicoll, contralto; Alan Wilson, tenor; Myrard Jones, basso, and the San Jose Evening High School Valsingers, under the direction of LeRoy V. Brant.
5:00 p. m.—Uda Waldrop's KPO musicale.
6:15 p. m.—Atwater Kent Transcontinental program.
7:15 p. m.—"The Evolution of the Postoffice," by Harry Todd.
7:30 p. m.—KPO Symphony Orchestra, Embassy Theatre Vocal Ensemble.
8:30 p. m.—Rudy Seliger and his Fairmont Hotel Concert Orchestra.

MONDAY, DECEMBER 17

10:00 a. m.—Art Talk by Helen Gordon Barker.
3:30 p. m.—Afternoon Trio for the Garage & Property Owners Association.
7:00 p. m.—Studio program.
8:00 p. m.—NBC.*
9:30 p. m.—KPO's Variety Hour.

TUESDAY, DECEMBER 18

10:00 a. m.—Annabelle Lee for Langendorf Baking Co.
10:30 a. m.—NBC.*
1:30 p. m.—Anne Warner's Home Making Chats.
1:30 p. m.—Bride Lesson No. 7.
*See Page 52 for detailed National Broadcasting Company program.

SILVER THE KING

24 Kt Gold
Pure Silver
Soft
Copper

Gosilco Super Aerial Wire Gold over Silver on Copper

Greatly Increased DX Range. 50% More Volume—Clearer Tone—35% sharper Tuning—Non-Corrosive. Endorsed by Naval Research Laboratory, Major Mott, Ormiston. A permanent investment. No. 14, 100 ft., \$4.00; 75, \$3.25; 50, \$2.50. Pat. applied for. If dealer cannot supply you, write or phone us. Over 50,000 GOSILCO Aerials in use—There's a Reason.

Distributed by Herbert H. Horn and Other Jobbers

GOSILCO RADIO PRODUCTS CO.

6420 Marbair Ave. DE. 3940 Huntington Park, Calif.

ACME AC RADIO

All Electric



Super AC Reception



The satisfaction of giving to the radio public an all electric radio which will excel anything in its price class has been accomplished by Acme engineers. This is the first completely self-contained AC set; in fact, the first AC set of any type to be offered at such an astonishing price.

Sharp tuning, good tone, single illuminated dial, attractive cabinet.

Will Operate Any Make of Dynamic Speaker

Model AC 4, Less Tubes

\$52.00

Strictly AC—Uses two 112A; one 227; one 280.

Splendid tone on local stations!

Very selective!

Not intended for distance!

Model AC 4, Less Cabinet

\$45.00

—write or wire today for complete information

Dealers: Some Territory Still Open

There is a special ACME set for distant stations, using A. C. tubes. \$67.50 list less tubes. *Write for complete information.*

This is a seven-tube set outside appearance identical to AC 4, shown above. Uses four AC 226; one AC 227; one AC 171A and one 280, which list for \$20.00 extra.

Bulletins No. 99 to 104 describe the complete line of ACME power units. Write for them today.

N.F. ANDRUSS

COAST FACTORY REPRESENTATIVE
426 LARKIN ST. SAN FRANCISCO

ACME ELECTRIC AND MFG. CO. CLEVELAND OHIO.

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



HOWARD MILHOLLAND

KGO Oakland, California—790 Kc.

5000 WATTS—379.5 METERS
PACIFIC COAST STATION, GENERAL ELECTRIC CO.

Phone Fruitvale 4988
557 Hotel St. Francis

DAILY EXCEPT SUNDAY

- 9:30 a. m.—California Home Life.
11:30 a. m.—Rembrandt Trio (except Wednesday and Thursday).
12:00 noon, 6:00 p. m. and 10:00 p. m.—Telechronic Tunes.
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).
8:00 p. m.—Sessions Westminster Chimes.
9:00 p. m.—Time signals.

- 11:45 a. m.—Rembrandt Trio.
5:00 p. m.—Dr. Albertine Richards Nash.
5:15 p. m.—Weekly Financial Review.
5:00 p. m.—Rembrandt Trio and Reba Swan.
6:30 p. m.—Palmolive transcontinental.
7:30 p. m.—Remar program.
8:00 p. m.—The Parisian Quartette.
9:00 p. m.—NBC.*
10:00 p. m.—The Trocaderans.
THURSDAY, DECEMBER 20
11:30 a. m.—Standard Oil educational program.
5:00 p. m.—Tom King detective stories.
6:00 p. m.—NBC.*
6:30 p. m.—Agricultural program.
7:30 p. m.—NBC.*
8:30 p. m.—Drama "Frankincense and Myrrh."
9:30 p. m.—NBC.*

FRIDAY, DECEMBER 21

- 10:30 a. m.—NBC.*
11:30 a. m.—Elmer Martin, "Home Economics."
5:30 p. m.—NBC.*
6:30 p. m.—Dinner concert.
7:00 p. m.—NBC.*
9:00 p. m.—Mystery serial, "The Tocsin of Tambour."
9:30 p. m.—NBC.*
10:00 p. m.—Western Artist Series concert.
11:00 p. m.—NBC.*
SATURDAY, DECEMBER 22
5:00 p. m.—Jack Martin's Hawaiians.
5:30 p. m.—Market reports; news.
8:00 p. m.—NBC.*

SUNDAY, DECEMBER 16

- 11:00 a. m.—First Presbyterian Church service.
1:30 p. m.—NBC.*
4:00 p. m.—Vesper Service, Grace Cathedral.
6:15 p. m.—NBC.*
8:00 p. m.—Weather forecast.
8:00 p. m.—First Presbyterian Church.
9:00 p. m.—NBC.*

MONDAY, DECEMBER 17

- 3:30 p. m.—"Everyday Living," Christian S. Madison.
5:00 p. m.—Aunt Betty stories, KGO Kiddies' Klub.
6:30 p. m.—Popular program.
8:30 p. m.—NBC.*
9:00 p. m.—Prestone program.
9:30 p. m.—General Electric program.
10:30 p. m.—Alaskan News Flashes, United Press

TUESDAY, DECEMBER 18

- 10:30 a. m.—NBC.*
5:00 p. m.—"What's Happening in the World."
6:00 p. m.—NBC.*
7:00 p. m.—The Strolling Troubadour.
7:30 p. m.—"Musical Miniatures."
8:00 p. m.—NBC.*
9:00 p. m.—"The Pilgrims."
10:00 p. m.—"DX Flashes," Associated Press.

WEDNESDAY, DECEMBER 19

- 11:00 a. m.—NBC.*
11:30 a. m.—Thine Hard Cream program.
*See Page 52 for detailed National Broadcasting Company program.

Radio Cabinets to fit Any Set

Also Novelty Furniture

Radio Cabinet Co.

LOS ANGELES

2511 Compton Ave.

Humbolt 8821

MAGNAVOX *Dynamic* SPEAKERS



KNIGHTS ON THE AIR
"The Bohemian Girl" OPERA ENSEMBLE—NBC



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.

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



"MAC"

KFRC San Francisco, Calif.—610 Kc.

Owned and Operated by Don Lee, Cal. Dist. for Cadillac & LaSalle
1000 WAITS—491.5 METERS
1000 Van Ness. Telephone Prospect 0100
"Keep Forever Radiating Cheer"

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

4:15 p. m.—Talk by Physician.
7:00 p. m.—Myroth Mirthful Melody, conducted by
Simpzy Fitts.
7:30 p. m.—Cecilians present "The Sky Above."
8:00 p. m.—"Blue Monday Jamboree."

TUESDAY, DECEMBER 18

11:00 a. m.—Child Diet.
4:00 p. m.—"Careers for Women."
4:15 p. m.—Western Air Express Aviation talk.
6:30 p. m.—"Bebs," noted sports authority.
7:00 p. m.—"Mating Quartette and Art Fadden."
7:30 p. m.—Cecilians present "A Bouquet of Roses."
8:00 p. m.—"The Night Before Christmas."
9:00 p. m.—Richfield Glee Club.
9:30 p. m.—KFRC Concert Orchestra.
10:00 p. m.—Amos 'n' Andy.
10:10 p. m.—Hot 'n' Cold Shows Revue, Al Pearce.
11:10 p. m.—Tom Gerunovich and his Roof Garden Orch.

WEDNESDAY, DECEMBER 19

11:00 a. m.—Mary Lewis Haines, Domestic Science talk.
3:00 p. m.—Matinee concert.
4:00 p. m.—Educational period.
4:20 p. m.—Fun Fare by Fred Johnson of the Call.
7:00 p. m.—"Novelties," by Glenhall Taylor and others.
7:30 p. m.—Tom Gerunovich and his Roof Garden Orch.
8:00 p. m.—Frank Moss, piano recital, featuring works
of Chopin.

8:30 p. m.—Robert Olsen, tenor, and Glenhall Taylor,
pianist.

9:00 p. m.—Western Motors Concert Orchestra.

10:00 p. m.—Hotel Mark Hopkins.

11:00 p. m.—Recorded program.

THURSDAY, DECEMBER 20

4:00 p. m.—"The Observer."
7:00 p. m.—"Father Plays Santa," comedy skit.
7:30 p. m.—Myroth Mirth and Melody.
8:00 p. m.—"From a Ming Vase."
8:30 p. m.—Concert program, featuring Bob Klier and
his zither and Harry McKnight.

9:00 p. m.—"Tea Time Three."
11:10 p. m.—Midnight Concert Orchestra.

FRIDAY, DECEMBER 21

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 Payne, Sports Editor of the Call.

7:00 p. m.—Studio program.

7:30 p. m.—Cecilians.

8:00 p. m.—"Great Ladies."
8:30 p. m.—Shasta Foursome and the Sparklers.

9:00 p. m.—Cadillac-LaSalle Orch., Juanita Tennyson.

SATURDAY, DECEMBER 22

8:00 a. m.—Studio program.

8:30 a. m.—Bear Photo Service program.

10:00 a. m.—Studio program.

7:00 p. m.—Dance Orchestra and Glen Hood.

7:30 p. m.—Studio program.

8:00 p. m.—KFRC Concert Orchestra.

9:00 p. m.—Hotel Mark Hopkins Orchestra.

DAILY EXCEPT SUNDAY
7:00 a. m.—Simpzy Fitts, courtesy AirTex Mattress Mfrs.
8:00 a. m.—Musical records program (ex. Mon., Thurs.)
9:00 a. m.—Georgia O'George (except Saturday).
10:00 a. m.—Wyn's Daily Chat (ex. Tues.).
11:50 a. m.—Amateur Tryouts (except Saturday).
12:00 noon—Sherman Clay concert.
1:00 p. m.—San Francisco Symphony Orch. recordings
(except Monday and Tuesday).
2:00 p. m.—Matinee Concert, courtesy of Pacific Radio
Trades (except Saturday).
3:00 p. m.—Matinee Orch. Concert (ex. Thurs., Fri.).
4:30 p. m.—Something About Everything.
4:45 p. m.—San Francisco Call, news items.
5:00 p. m.—Mac and his Gang.
5:50 p. m.—Town Topics.
6:00 p. m.—Theodore Strong Organ Recital.
6:30 p. m.—Embassy Theatre prog. (ex. Tues., Fri.).
10:00 p. m.—Amos 'n' Andy (ex. Wed.).
10:10 p. m.—Dance music.

SUNDAY, DECEMBER 16

9:00 a. m.—KFRC Radio Fellowship Church.
10:00 a. m.—"Home, Sweet Home."
10:00 noon—Paulist Fathers' Old St. Mary's Church.
1:15 p. m.—The Sunday recital.
3:15 p. m.—"Red" Neister and Art Fadden.
4:00 p. m.—Marie Wallman, soprano, assisted by Frank
Moss.
4:30 p. m.—"Tea Time Three."
5:30 p. m.—Inspirational talk by Dr. Louis I. Newman.
6:00 p. m.—Moran & Mack, "The Two Black Crows,"
and Arnold Johnson's Orchestra.
7:00 p. m.—Charles Bulotti, tenor; Juanita Tennyson,
soprano, and KFRC Concert Orch.
8:00 p. m.—"Pop" concert, with Job and his Zither.
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.—Recorded dance program.

MONDAY, DECEMBER 17

11:00 a. m.—Mary Lewis Haines, Domestic Science talk.

11:30 a. m.—Amateur Auditions.

4:00 p. m.—"Careers for Women."

BT Counterphase 8—World's Greatest Radio—Sold with a Distance
Guarantee. H. A. Everest, 7406 Melrose Avenue. ORegon 4702.

BIG SALARIED POSITIONS

Movietone - Vitaphone - Service
Custom Building and More!

EARN WHILE LEARNING!

Terms Arranged to Suit You :: Day and Evening Classes

RADIO COLLEGE OF CALIFORNIA

921 W. 6TH ST.

Employment Service

VAndike 0902

Write in Your Technical Questions. They Will Be Answered Between
4 and 5, Mondays and Fridays, Over Station KTM (formerly KNRC)

Side-Bands

(Continued from Page 33)

importance from this explanation, as without them you could have no speech and music, and hence, no radio broadcast. You will also see why stations cannot be closer together than 10 kilocycles, as each station must have a 10 kilocycle band, 5 on either side of the assigned carrier frequency, in which to modulate the carrier with the audible frequencies that bring you speech and music.

It will be also understood how a receiver which tunes with knife-like selectivity will not permit uniform amplification of this full 10 Kc. band and hence some of the audible notes will be sacrificed. The sharper the selectivity, the poorer will be the reproduction of music. The absence of the overtones and harmonics are especially noticed when the side-bands are not fully included in the tuning and amplifying process in the receiver, and the music sounds unnatural.

So it is important that the radio frequency end of the receiver should be broad enough to include 5 kilocycles on either side of the carrier, but sharp enough to exclude the station which is operating in the next channel, 10 kilocycles above or below. We see that stations operating on carrier frequencies but 10 kilocycles apart, actually meet each other on your dial at the point half way between,—the upper side-band of one station just meets the lower side-band of the other.

It follows that the ideal system is one in which a uniform amplification is secured for 5 kilocycles on either side of the carrier, than a sharp cut-off takes place on either side. When tuning a set with these characteristics we will find that any station tuned in will have uniform volume over a space on the dial which represents 10 kilocycles, and then disappears suddenly and the station in the next channel appears just as suddenly and has constant volume for the next 10 kilocycles of dial space, etc. And in this ideal receiver we would expect to find true tone quality, because we would not have to falsely create in the audio end what we had sacrificed in the radio frequency end by side-band cutting.

Kennedy

(Continued from Page 38)

ers. In 1926, when Colin B. Kennedy discontinued the manufacturing of his former line of radio receivers, Mr. Bloom left Kierulff & Ravenscroft and became associated with the John G. Rapp Company. He remained with this organization until Mr. Kennedy decided to again go into the manufacturing of radio sets.

Mr. Bloom's experience certainly qualifies him to represent Colin B. Kennedy Company on the Pacific Coast, and it is an almost assured fact that the Kennedy receivers will again take their rightful position in the western radio market.

In a statement signed by Mr. Nathan Chirelstein, president, the Sonatron Tube Company announces that its new factory has now been turned over completely to them and that production is increasing regularly.

For some time the company, facing an unprecedented demand for Sonatron radio tubes, has felt the need of increased facilities. The additional space just made available is equivalent to the entire factory space the company has had heretofore.

Mr. Chirelstein discloses that the company is acquiring and has recently acquired new properties for the purpose of increasing production in the near future.

Earnings for the month of November will equal or better the figures for October, which were \$1.70 per share.

Mr. Chirelstein expressed himself as being gratified by the Supreme court's denial to review the decision of the Circuit court of Philadelphia on the tube clause in the Radio Corporation of America's licenses to manufacturers.

CORRECTION

Through a typographical error the various prices on the Universal Microphones as shown in the advertisement of the Radio Supply Co. in last week's issue of Radio Doings, were incorrect. The correct prices in the various models are: Model BB, \$25.00; Standard Broadcast Microphone, \$75.00, and Condenser Microphone, \$250.00, instead of \$15.00, \$60.00 and \$200.00, respectively, as shown in advertisement.

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



IRVING KRICK

KTAB

Oakland, Calif.—550 Kc.

500 WATTS—545.1 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
 Pickwick Terminal Hotel, Fifth and Mission Sts.
 Telephone Merritt 0246

DAILY EXCEPT SUNDAY

- 7:00 a. m.—Setting-up Exercises.
 8:00 a. m.—Popular Recordings.
 9:00 a. m.—Hour of Prayer.
 11:30 a. m.—Hestral Hour with E. B.
 11:30 a. m.—Variety Recordings.
- 12:30 p. m.—Organ Recital, Ezra Marvin Powers.
 2:00 p. m.—Recordings (except Tues. and Thurs.).
 3:30 p. m.—KTAB matinee.
 4:00 p. m.—Tea Hour, Elysian Trio (Official Pickwick)
 5:00 p. m.—Big Brother Bob's Frolic.
 6:00 p. m.—Shop in the Mission program.
 6:30 p. m.—Twilight Hour.
 7:00 p. m.—Dinner Concert.
 8:00 p. m.—Colonial Mystery Hour.
 12:00 midnight.—The Night Owl.
- SUNDAY, DECEMBER 16**
- 10:00 a. m.—Bible Class.
 11:00 a. m.—Tenth Ave. Baptist Church, Dr. Phillips.
 12:30 p. m.—Organ recital from Chapel of Chimes.
 1:00 p. m.—Colonial Concert.
 2:00 p. m.—Sapphire Concert Hour; Coelian Trio.
 3:00 p. m.—Symphonic Recordings.
 3:30 p. m.—Organ Recital and Instrumentalists.
 4:30 p. m.—Symphonic Recordings.
 5:00 p. m.—KTAB Concert Hour.
 6:00 p. m.—Majestic Theater of the Air, Columbia Net.
 7:00 p. m.—Symphonic Recordings.
 7:30 p. m.—Tenth Ave. Baptist Church, Dr. Phillips.
 9:20 p. m.—Suite of Light Opera Recordings.
- MONDAY, DECEMBER 17**
- 9:30 a. m.—Morning Classified and Recordings.
 1:30 p. m.—Dr. Bond, D.C., Health Talk.
 9:00 p. m.—Elysian Trio; Lydia Surdevan, contralto.
 10:30 p. m.—Varsity Serenaders; Otto Lindquist, tenor.
 11:00 p. m.—Symphonic Recordings.
- TUESDAY, DECEMBER 18**
- 9:30 a. m.—Dr. J. Douglas Thompson, D.C., Diet Specialist.
 10:00 a. m.—Morning Classified and Recordings.
- 10:30 a. m.—Betina Angelo, "Home Decoration."
 1:30 p. m.—Recordings.
 9:00 p. m.—"Light" program—Pickwick Pals.
 9:20 p. m.—A Cappello Choir from College of Pacific
 10:30 p. m.—Dance Recordings.
 11:00 p. m.—Symphonic Recordings.
- WEDNESDAY, DECEMBER 19**
- 9:30 a. m.—Morning Classified and Recordings.
 1:30 p. m.—Dr. Bond, D.C., Health Talk.
 9:00 p. m.—Address by Harry L. Todd, Postmaster.
 9:20 p. m.—J. O. F. Band.
 10:20 p. m.—Dance Recordings.
 11:00 p. m.—Symphonic Recordings.
- THURSDAY, DECEMBER 20**
- 9:30 a. m.—Dr. J. Douglas Thompson, D.C.—Diet Specialist.
 10:00 a. m.—Morning Classified and Recordings.
 1:30 p. m.—Recordings.
 9:00 p. m.—Cocacant Club Frolic.
 11:00 p. m.—Varsity Serenaders—Jack Furti, baritone.
- FRIDAY, DECEMBER 21**
- 9:30 a. m.—Morning Classified and Recordings.
 1:30 p. m.—Dr. Bond, D.C.—Health Talk.
 9:00 p. m.—"Light" program—Harry Morton, tenor; Chuck Thode, pianist.
 9:20 p. m.—The Lullaby Girls.
 10:00 p. m.—Varsity Serenaders—Scottie McKenna, Scottish entertainer.
 11:00 p. m.—Symphonic Recordings.
- SATURDAY, DECEMBER 22**
- 9:30 a. m.—Morning Classified and Recordings.
 1:30 p. m.—Dr. Bond, D.C.—Health Talk.
 9:00 p. m.—Choir of First Presbyterian Church—Christmas Carols.
 10:00 p. m.—Dance Recordings.
 11:00 p. m.—Symphonic Recordings.



AIMEE SIMPLE McPHERSON

KFSG Los Angeles, Calif.—1120 Kc.

500 Watts—267.7 Meters. Angelus Temple, Echo Park. Fl. 5121

"Four Square Gospel"

Aimee Simple McPherson
 Founder, President
 Frederick H. Morrison
 Manager
 M. E. Kennedy
 Technician
 C. N. Tucker
 Announcer
 Esther Fricke
 Temple Organist

- 7:00 p. m.—Musical Hour, Temple Choir, Silver Band, organ.
 8:00 p. m.—Revelation Service, Aimee Simple McPherson.
 10:00 p. m.—Musical Lover's Hour, Esther Fricke.

MONDAY, DECEMBER 17

- 11:00 a. m.—Recorded program from Grey Studio.

TUESDAY, DECEMBER 18

- 3:00 p. m.—Bethesda Hour, Dr. Gurden.
 4:00 p. m.—Recorded program from Grey Studio.

WEDNESDAY, DECEMBER 19

- 2:30 p. m.—Divine Healing Service, Aimee Simple McPherson.

THURSDAY, DECEMBER 20

- 3:00 p. m.—Bethesda Hour, Dr. Gurden.
 4:00 p. m.—Rev. Claire Britton and Alhambra Branch Church Group.
 8:00 p. m.—Water Baptismal Service, Aimee Simple McPherson.

FRIDAY, DECEMBER 21

- 3:00 p. m.—Bethesda Hour, Dr. Gurden.
 4:00 p. m.—Rev. B. Bruffet and Pasadena Branch Church Group.

SATURDAY, DECEMBER 22

- 2:00 p. m.—Children's Happy Hour, Miss Estelle Jones.
 3:00 p. m.—Bethesda Hour, Dr. Gurden.
 4:00 p. m.—Travelogue, Jas. R. McIndrie.
 8:00 p. m.—Divine Healing Service, Aimee Simple McPherson.

DAILY EXCEPT SUNDAY

- 7:00 a. m.—Family Altar.
 10:00 a. m.—Sunshine Hour.
 11:00 a. m.—Noonday musical, with Esther Fricke, organist (except Tuesday).
 2:00 p. m.—Aimee Simple McPherson Correspondence School Hour (except Mon., Wed. and Sat.).

SUNDAY, DECEMBER 16

- 10:15 a. m.—Sunday Morning Worship, Aimee Simple McPherson.
 2:30 p. m.—Dispensational Message, Aimee Simple McPherson.
 6:30 p. m.—Levine Barilotti and Angelus Temple Silver Band.

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



LIBORIUS HAUPTMANN

KYA San Francisco, Calif.—1230 Kc.

"THEATRE OF THE AIR"
1000 WATTS—243.6 METERS

West Coast Theaters Studio, 988 Market Street, Tel. Prospect 5022
CLAIR MORRISON, Manager

Edward Ludes, Chief Announcer T. B. Palmer, Chief Technician
Liborius Hauptmann, Musical and Program Director

DAILY EXCEPT SUNDAY

- 5:00 a. m.—"The KYA Morning Glories," with music and songs.
9:00 a. m.—Sally Cooke, the "Letter Home Girl of KYA."
10:00 a. m.—Musical program (except Tuesday and Friday).
11:00 a. m.—"California Sunshine Hour."
12:00 noon—News items direct
3:00 p. m.—Bridal party.
4:00 p. m.—News Casting.
5:00 p. m.—Who's Who program.
5:00 p. m.—News from the Examiner.
6:15 p. m.—The Golden Gate Crier
7:00 p. m.—Musical Demi-Tasse of the Pac. Salon Orch. (ex. Mon. and Tues.).
10:00 p. m.—Tasmania Time Signal.
10:00 p. m.—Dance Orchestra (except Saturday).
Hudson Bay Fur Time hourly, 8:00 a. m. to 6:00 p. m.

SUNDAY, DECEMBER 16

- 10:00 a. m.—Examiner Punny Hour, with Miles Overholt.
11:00 a. m.—Temple Methodist Church.
12:30 p. m.—Pacific Salon Orchestra.
3:00 p. m.—Recorded program.
5:30 p. m.—Dr. Frederick W. Clappett.
6:00 p. m.—"Majestic Theatre of the Air."
7:00 p. m.—Dr. Frederick W. Clappett, World Topics.
7:30 p. m.—Temple Methodist Church.
9:00 p. m.—Pacific Symphony Orchestra.

MONDAY, DECEMBER 17

- 12:15 p. m.—Bell Laboratory.
12:25 p. m.—Recorded program.
2:00 p. m.—Dr. B. L. Corley.
7:00 p. m.—Judge Matthew W. Brady on Crime Prevention.
7:15 p. m.—Geo. Taylor and Dell Perry.
7:45 p. m.—Mary Atkinson.
8:00 p. m.—Mary Elliott and Billy Leonard.
8:30 p. m.—West Coast Theatres Frolic.
9:00 p. m.—Melvin & Leo, Jimmy Fessenden, Yvonne Petersen.
9:30 p. m.—Dr. Corley program.

TUESDAY, DECEMBER 18

- 10:30 a. m.—Dr. B. L. Corley.
12:15 p. m.—Tuesday Noon Club with the Pacific Salon Orchestra.
1:00 p. m.—Pacific Salon Orchestra.
1:30 p. m.—Babette, Fashions.
2:00 p. m.—Stage musical.
7:00 p. m.—KYA Birthday Party.
8:00 p. m.—Examiner Christmas Cheer Fund program by KYA artists.
8:30 p. m.—West Coast Theatres Frolic.
9:00 p. m.—The Examiner Christmas Cheer Fund program.
10:00 p. m.—Celebration of the Second Birthday of KYA with a host of artists.

WEDNESDAY, DECEMBER 19

- 11:40 a. m.—Dr. J. R. Brandon.

THURSDAY, DECEMBER 20

- 11:50 a. m.—California Sunshine Hour.
12:30 p. m.—Pacific Salon Orchestra.
1:30 p. m.—Recorded program.
2:00 p. m.—Dr. B. L. Corley.
2:10 p. m.—Pacific Salon Orchestra.
4:00 p. m.—News-casting.
4:15 p. m.—Records.
4:30 p. m.—Mark Twain readings.
8:00 p. m.—California Sunshine Boys.
8:30 p. m.—Clara Beldell, Ralph Dolbeguy.
9:00 p. m.—Pacific Symphony Orchestra.

FRIDAY, DECEMBER 21

- 10:45 a. m.—Prudence Penny, household editor of the Examiner.
11:00 a. m.—California Sunshine Hour.
11:40 a. m.—Dr. J. R. Brandon.
12:15 p. m.—Bell Laboratory program.
12:25 p. m.—Pacific Salon Orchestra.
2:00 p. m.—Dr. B. L. Corley.
2:10 p. m.—Pacific Salon Orchestra.
7:00 p. m.—Musical Demi-Tasse, featuring orchestra.
8:00 p. m.—Melvin & Leo, J. K. Searles.
9:00 p. m.—Pacific Symphony Orchestra.

SATURDAY, DECEMBER 22

- 10:30 a. m.—Dr. B. L. Corley.
12:25 p. m.—Pacific Salon Orchestra.
4:00 p. m.—The Hammat Kiddies and KYA Orchestra.
4:30 p. m.—Pacific Salon Orchestra.
8:00 p. m.—Metro Trio, Rachel Ward, Bernice Purrington, Lillian Craig.
9:00 p. m.—Pacific Symphony Orchestra.



H. E. SATTERFIELD

KPSN Pasadena, Calif.—950 Kc.

1000 WATTS—315.6 METERS

The Star News Building. Tel. Wakefield 3111

George Cecil Cowing, Station Manager

P. C. Pryor, Program Manager

H. E. Satterfield, Chief Radio Engineer

DAILY EXCEPT SUNDAY

- 12:00 noon—Records.
12:15 p. m.—Mid-day News.
4:30 p. m.—Tea Time Concert.
6:00 p. m.—Late News.
6:15 p. m.—Evening Concert of Records.

MEXICAN RADIO CRYSTAL COMPANY

Manufacturers of

Mexican Mounted Pyrite, Galena, Carborundum, Mexican Fixed Renewable Crystals

Telephone THornwall 5393

A. H. QUAST, Distributor

8641 South Hoover Street

Los Angeles, California

The essential features of these programs are identical with those sent by the stations. By order of the Federal Radio Commission, KEX and KOB must share time.



JOHN H. BARNET

KEX

Portland, Oregon—1180 Kc.

5000 WATTS—254.1 METERS
Owned by American Broadcasting Company
Terminal Sales Building

John H. Barnet
Station Manager
Lewis TeeGarden
Program Director
Clarence B. Clark
Chief Technician

- DAILY EXCEPT SUNDAY**
- 5:45 a. m.—Vim, 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.
9:00 a. m.—Better Homes hour; Joe Sherman, banjoist.
10:00 a. m.—Morning Devotional service.
10:15 a. m.—Morning Shopping Guide.
11:55 a. m.—Newsmaking, weather, etc.
12:00 noon—Luncheon concert.
1:00 p. m.—“Songs You Ought to Know.”
1:30 p. m.—KEX Little Symphony (ex. Monday).
2:30 p. m.—College News (except Monday).
2:45 p. m.—Song Recital.
3:00 p. m.—Studio program.
4:30 p. m.—Savita Class program.
5:00 p. m.—Afternoon musicale.
9:00 p. m.—New Haven Westminster Chimes.
9:00 p. m.—American Salon Orchestra.
10:00 p. m.—Dance Frolic; Department of Agriculture reports; weather reports (except Saturday).
- SUNDAY, DECEMBER 16**
- 1:00 p. m.—KEX Little Symphony concert.
2:00 p. m.—Western Light Opera Company.
2:30 p. m.—KEX Little Symphony concert.
3:30 p. m.—Thelma Lee and Alice Prindle.

- 4:00 p. m.—Afternoon musicale—Patrick Sage, baritone.
5:00 p. m.—Cathedral Hour, ABC.
6:00 p. m.—Majestic Theatre of the Air, Columbia Network.
7:00 p. m.—Novelty program, ABC.
7:45 p. m.—American Plan Broadcasting Committee.
8:00 p. m.—American Salon Orchestra, ABC.
10:00 p. m.—Weather and Police reports, Oregon Journal-News.

- MONDAY, DECEMBER 17**
- 5:00 p. m.—Amateur Try-out Hour.
6:00 p. m.—Utility Service, World Book Man.
8:00 p. m.—American Salon Orchestra, ABC.
10:00 p. m.—Weather and Police reports, Oregon Journal-News.
- TUESDAY, DECEMBER 18**
- 5:00 p. m.—KEX Utility Hour, World Book Man.
8:00 p. m.—Durosel Storyteller.
8:15 p. m.—L. H. Curtis, “Demon Carelessness” concert.
8:30 p. m.—Merry Maytag Ramblers.
- WEDNESDAY, DECEMBER 19**
- 8:00 p. m.—Sunshine Hour, ABC Network.
8:30 p. m.—American Salon Orchestra, ABC.
- THURSDAY, DECEMBER 20**
- 8:00 p. m.—Catholic Truth Society lecture.
8:15 p. m.—Clyde Thompson, the Storyteller.
8:30 p. m.—American Salon Orchestra, ABC.
- FRIDAY, DECEMBER 21**
- 8:00 p. m.—Artistic Ensemble, ABC.
8:30 p. m.—O. M. Plummer of Pac. Internat'l Livestock Exp.
- SATURDAY, DECEMBER 22**
- 8:00 p. m.—Musical Comedy Review, ABC.
9:00 p. m.—Good Citizenship program.
9:30 p. m.—Dance concert, Vic Meyers' Orchestra, ABC.
10:00 p. m.—Weather and Police reports, Oregon Journal-News.
10:30 p. m.—Show Boat Frolic, ABC.



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.—Housekeeper's Chat by Ruth Adamsen.
10:00 a. m.—Shopper's Guide by Velta Welter.
11:45 a. m.—Lourie Palmer Webber, dietitian.
12:00 noon—Farm flash on crops and soils.
12:15 p. m.—U. S. Farm Forum.
3:00 p. m.—Portland News Matinee.
5:15 p. m.—Topsy Turvy Times Club.
6:00 p. m.—Dinner concert on the Heathman Hotel pipe organ.
7:00 p. m.—Benson Hotel Orchestra, under direction of Mischa Polz.
- SUNDAY, DECEMBER 16**
- 12:30 p. m.—Portland Theater organ, Rex Stratton.
1:30 p. m.—Four-Square Gospel Lighthouse service and orchestra concert.
6:00 p. m.—Dinner concert on the Heathman Hotel pipe organ.
6:30 p. m.—Lipman-Wolfe Santa Claus Special to Toyland.
7:00 p. m.—The Benson Hotel Orchestra.
8:00 p. m.—First Church of Christ, Scientist, under the auspices of the Christian Science churches of Portland.

- 9:00 p. m.—Orchestra concert.
- MONDAY, DECEMBER 17**
- 8:00 p. m.—Studio program.
9:00 p. m.—Regum Revelers.
9:30 p. m.—Studio program.
10:00 p. m.—George McMurry's Columbia Recording Orchestra, from Cole McElroy's Spanish Ballroom.
- TUESDAY, DECEMBER 18**
- 8:00 p. m.—Studio program.
8:15 p. m.—Oregon Humane Society.
8:30 p. m.—Program, featuring McKinley Sisters, Monte Austin and Frank Taylor.
9:30 p. m.—Flight broadcast, courtesy American Legion, Portland Post No. 1.
- WEDNESDAY, DECEMBER 19**
- 8:00 p. m.—Webber's Junior String Orchestra.
8:30 p. m.—KOIN Players, direction Edris Morrison.
9:30 p. m.—Studio program.
10:00 p. m.—George McMurry's Columbia Recording Orchestra, from Cole McElroy's Spanish Ballroom.
- THURSDAY, DECEMBER 20**
- 8:00 p. m.—Regum Revelers.
8:30 p. m.—Sherman Clay & Co., educational program.
8:50 p. m.—Studio program.
9:00 p. m.—Ottom hour, soloists' program.
10:00 p. m.—Billy's Hawaiians.
10:30 p. m.—Broadway Theater Dance Frolic, under the direction of Max Bradley, from the lounge room of the Broadway Theater.
- FRIDAY, DECEMBER 21**
- 8:00 p. m.—Services from Congregation Beth Israel.
9:00 p. m.—Studio program, featuring Beulah Belle Smith, soprano.
10:00 p. m.—George McMurry's Columbia Recording Orchestra, from Cole McElroy's Spanish Ballroom.
- SATURDAY, DECEMBER 22**
- 8:00 p. m.—4-H Club Crier.
After 8:15 p. m.—Silence for long-distance listeners.

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



STEPHEN J. GAYLORD

KGW

Portland, Oregon—620 Kc.

1000 WATTS—483.6 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.
9:00 p. m.—NBC, Longline Time Signals.

5:00 p. m.—French Lesson by Mlle. Radka Ivanaleva.
5:30 p. m.—Studio program.
6:00 p. m.—Santa Claus program.
6:30 p. m.—NBC.*
7:30 p. m.—Microhi Melody Boys.
8:00 a. m.—Historical drama.
8:30 p. m.—General Motors Corp.
9:00 p. m.—NBC.*
9:30 p. m.—Studio music.
10:00 p. m.—NBC.*

THURSDAY, DECEMBER 20

9:45 a. m.—Women's Setting-up Exercises.
11:30 a. m.—NBC.*
6:00 p. m.—NBC.*
6:30 p. m.—Thrift Talk by Geo. P. Simons.
6:35 p. m.—Concert Trio.
6:45 a. m.—Book Club, by Richard Montgomery.
7:00 p. m.—Sports Talk by J. Richardson.
7:15 p. m.—Tommy Luke's Flower Girls.
7:30 p. m.—NBC.*
8:30 a. m.—General Motors program.
9:00 p. m.—NBC.*
10:00 p. m.—Associated Oil program from KOMO.
11:00 p. m.—Dance Frolic.

FRIDAY, DECEMBER 21

7:15 a. m.—Y. M. C. A. Health Exercises.
10:30 a. m.—NBC.*
5:00 p. m.—Concert Trio.
5:35 p. m.—NBC.*
5:50 p. m.—Music.
6:00 a. m.—NBC.*
6:30 a. m.—Santa Claus program.
7:00 p. m.—General Motors program.
7:30 a. m.—Microhi Melody Boys.
8:30 p. m.—NBC.*
9:00 p. m.—Hed and White Jesters.
9:30 p. m.—NBC.*
10:00 p. m.—Studio concert.
10:30 a. m.—Profile of the Keep Growing Wiser Order of Hoop Owls.

SATURDAY, DECEMBER 22

8:00 a. m.—NBC.*
1:00 p. m.—Farmer's hour.
8:00 p. m.—NBC.*
8:00 p. m.—General Motors program from civic auditorium.
8:30 p. m.—Program from KOMO, Seattle.
9:00 p. m.—NBC.*

SUNDAY, DECEMBER 16

11:00 a. m.—Hinson Memorial Baptist Church.
1:30 p. m.—NBC.*
2:00 p. m.—Studio concert.
3:00 p. m.—NBC.*
4:30 p. m.—NBC.*
5:0 p. m.—Talk on Modern Science.
5:15 p. m.—Studio hour.
6:15 p. m.—NBC.*
7:15 p. m.—NBC.*
8:00 p. m.—Studio concert.
9:00 p. m.—Music by the Concert Trio.
9:30 p. m.—Franz Pastades.
10:00 p. m.—Little Symphony Orchestra.

MONDAY, DECEMBER 17

7:15 a. m.—Y. M. C. A. Health Exercises.
8:00 a. m.—NBC.*
6:00 p. m.—Concert Trio.
6:30 p. m.—NBC.*
7:30 p. m.—Studio music.
8:00 p. m.—NBC.*
9:30 p. m.—NBC.*
10:00 p. m.—Ben Seltzer's Boys and Collegiates.

TUESDAY, DECEMBER 18

9:45 a. m.—Women's Setting-up Exercises.
10:30 a. m.—NBC.*
10:30 a. m.—Town Crier.
2:30 p. m.—Bridge game.
6:30 p. m.—NBC.*
7:00 p. m.—Sealy Sam program.
7:30 p. m.—Duckson Bakery program.
8:00 p. m.—NBC.*
9:00 p. m.—General Motors program from city auditorium.
9:30 p. m.—Schwabacker studio program, KOMO.

WEDNESDAY, DECEMBER 19

7:15 a. m.—Y. M. C. A. Health Exercises.
8:00 a. m.—NBC.*
10:30 a. m.—NBC.*

*See Page 52 for detailed National Broadcasting Company program.



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.
1:50 p. m.—Hart's Store half hour.
1:30 p. m.—The Friendly hour.
2:30 p. m.—Second Street Musical hour.
3:30 p. m.—Fanchon's Style Chat.
4:00 p. m.—Sunshine Hour with W. K.
5:00 p. m.—Aunt Sammy talk; Home Economics (ex-Saturday).
5:15 p. m.—Fifteen Minutes at Franco's.
5:30 p. m.—Pal's Big Brother Hour (ex. Saturday).
6:00 p. m.—U. S. D. A. Farm School (ex. Sat.).
6:20 p. m.—Farm Market reports and weather.
6:50 p. m.—Farmers' Exchange.

San Jose, California—1010 Kc.

KQW

CALIFORNIA FARM BUREAU STATION
500 WATTS—296.9 METERS
FRED J. HART, Manager

7:00 p. m.—Farm Bureau Evening Radio News.
9:30 p. m.—Crop Digest from Sacramento Studio.

SUNDAY, DECEMBER 16

10:15 a. m.—Sunday School Lesson by Fred J. Hart.
11:00 a. m.—Morning Services, First Baptist Church, conducted by Rev. Paul H. Halston.
2:30 p. m.—County Forum, Edward Martin Hulme.
7:30 p. m.—Evening Services, First Baptist Church, conducted by Rev. Paul H. Halston.

MONDAY, DECEMBER 17

8:00 p. m.—Veterans' Hospital program.
9:00 p. m.—Book Gas program.
TUESDAY, DECEMBER 18
8:00 p. m.—"You Never Can Tell" program.
WEDNESDAY, DECEMBER 19
8:00 p. m.—First Baptist Church

THURSDAY, DECEMBER 20

8:00 p. m.—San Jose Community Christmas program.
9:30 p. m.—Crop Digest from Sacramento Studio.

FRIDAY, DECEMBER 21

8:00 p. m.—Santa Rosa High School.
9:00 p. m.—Emerald Lake program.
10:00 p. m.—Emerald Lake program.
SATURDAY, DECEMBER 22
6:15 p. m.—Farm Market Reports and Weather.
7:00 p. m.—Studio program.
8:00 p. m.—Emerald Lake program.

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



GEORGE GODFREY

KOMO

Seattle, Wash.—920 Kc.

FISHER'S BLEND STATION 325.9 METERS

METROPOLITAN CENTER, SEATTLE

Telephone Elliott 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 Friday).
 9:00 p. m.—NBC, Longline Time Signal.
 10:00 p. m.—Totem Dance Orchestra. Late news flashes (except Wed., Fri. and Sat.).

SUNDAY, DECEMBER 16

- 10:00 a. m.—International Bible Students Association.
 11:00 a. m.—Plymouth Congregational Church.
 12:20 p. m.—Fifth Ave. Theater Organ Concert.
 1:00 p. m.—Musical Program, under auspices of Seattle Y. M. C. A.
 1:30 p. m.—NBC.*
 2:00 p. m.—Stoneway Tabernacle.
 2:30 p. m.—Pilgrim Church Question Box.
 3:00 p. m.—NBC.*
 5:00 p. m.—Totem Sunday Orchestra; University Christian Church Quartet.
 6:15 p. m.—NBC.*
 8:00 p. m.—First Church of Christ, Scientist.
 9:00 p. m.—NBC.—Atwater Keol Artists.

MONDAY, DECEMBER 17

- 8:00 a. m.—NBC.*
 9:00 a. m.—Totem Concert Trio.
 6:30 p. m.—NBC.*
 7:30 p. m.—Totem Concert Orchestra; Col. Sop., Agatha Turley.
 8:00 p. m.—NBC.*
 9:30 p. m.—Totem Concert Orchestra; Late News.
 10:00 p. m.—Totem Concert Orchestra; Col. Sop., Agatha Turley.

11:30 p. m.—Fifth Ave. Theater Frolie.

12:00 midnight—Totem Concert Orchestra.

TUESDAY, DECEMBER 18

- 10:30 a. m.—NBC.*
 5:45 p. m.—News Flashes.
 6:00 p. m.—NBC.*
 8:00 p. m.—Totem Concert Orchestra; tenor, Fred

* See Page 52 for detailed National Broadcasting Company program.

Lynch; "Something About Everything."

- 8:30 p. m.—NBC.*
 9:00 p. m.—Schwabacher Little Symphony; Sop., VeOona Sociolofsky.

WEDNESDAY, DECEMBER 19

- 8:00 a. m.—NBC.*
 10:30 a. m.—NBC.*
 6:30 p. m.—NBC.*
 7:30 p. m.—Totem Concert Orchestra.
 9:00 p. m.—NBC.*
 9:30 p. m.—Pacific Fruit Alaska Hour.
 10:30 p. m.—Symco-Rhythmists.

THURSDAY, DECEMBER 20

- 11:30 a. m.—NBC.*
 6:00 p. m.—NBC.*
 8:30 p. m.—Totem Concert Trio; "Something About Everything"; mezzo soprano, Rhena Marshall.
 9:00 p. m.—NBC.*

9:30 p. m.—Totem Concert Orchestra

FRIDAY, DECEMBER 21

- 10:30 a. m.—NBC.*
 6:00 p. m.—NBC.*
 7:00 p. m.—Totem Concert Orchestra; duets.
 8:00 p. m.—NBC.*
 9:30 p. m.—"Even Song"

SATURDAY, DECEMBER 22

- 8:00 a. m.—NBC.*
 6:00 p. m.—NBC.*
 8:00 p. m.—Totem Little Symphony;
 9:00 p. m.—NBC.*
 9:00 p. m.—Totem Concert Orchestra;



CARL E. HAYMOND

KMO

Tacoma, Wash.—1340 Kc.

500 WATT WESTERN ELECTRIC—223.1 METERS

Owned by KMO, Inc.
 Hotel Winthrop

Carl E. Haymond
 Manager and Chief
 Announcer
 J. A. Murphy
 Commercial Manager
 Jane Morse
 Studio Director
 Margie Mahon
 Ass't Studio Director
 J. D. Kolesar
 Chief Technician

- 8:30 p. m.—Classical Navytex program.
 9:00 p. m.—Elks Stocking Fillers variety program.

WEDNESDAY, DECEMBER 19

- 5:00 p. m.—O. B. Clow program.
 6:00 p. m.—Tacoma Auto Supply program.
 6:30 p. m.—Luggage program.
 7:00 p. m.—Classical Navytex program.
 7:30 p. m.—Union Service Hour.
 8:00 p. m.—The Shoppers.

THURSDAY, DECEMBER 20

- 8:00 p. m.—Classical Navytex program.
 9:00 p. m.—Tacoma Auto Supply program.
 9:30 p. m.—Union Service hour.
 10:00 p. m.—O. B. Clow program.
 11:00 p. m.—Dance program.

FRIDAY, DECEMBER 21

- 5:00 p. m.—O. B. Clow program.
 6:00 p. m.—Luggage program.
 6:30 p. m.—Jane Morse and Hugh Helms, blues.
 7:00 p. m.—Classical Navytex program.
 7:30 p. m.—Civic program.
 8:00 p. m.—Hotel Winthrop Trio; Gyda Tollefson, soloist.

SATURDAY, DECEMBER 22

- 8:00 p. m.—Navytex classical program.
 9:00 p. m.—Tacoma Auto Supply program.
 9:30 p. m.—Union Service hour.
 8:00 a. m.—Hotel Winthrop Trio; Gyda Tollefson, soloist.

SUNDAY, DECEMBER 23

- 6:00 p. m.—Hotel Winthrop Trio.
 7:00 p. m.—Dinner hour music.
 7:15 p. m.—First Baptist Church.

DAILY EXCEPT SUNDAY

- 8:00 a. m.—KMO Early Birds.
 9:30 a. m.—Boys' program.
 10:00 a. m.—News Flashes and Time Signals.
 10:30 a. m.—Home Economics.
 10:45 a. m.—Town Crier and music.
 11:00 a. m.—Newscasting.
 5:15 p. m.—Sports Review.
 5:30 p. m.—Y. M. C. Orchestra (except Tues., Thurs. and Sat.).

MONDAY, DECEMBER 17

- 5:00 p. m.—O. B. Clow program.
 6:00 p. m.—The Shoppers.
 6:30 p. m.—Luggage program.
 7:00 p. m.—Classical Navytex program.
 7:30 p. m.—Jane Morse, blues; Dorothy Lyons, accompanist.
 8:15 p. m.—Book Chat by Mrs. Page Hoamer.

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

KFOA

Seattle, Wash.—1270 Kc.

236.1 METERS—1000 WATTS
Owned and Operated by Rhoads 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 G. Feringer, Musical Director
Alfred Green, Commercial Manager

DAILY EXCEPT SUNDAY

- 6:45 a. m.—Sunset's Musical Klock.
8:45 a. m.—Puzet Sound Half Hour.
9:15 a. m.—Organ recital.
9:45 a. m.—Aunt Sammy's Housekeeper's Chat.
10:00 a. m.—Rhoads 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.—Seasons Chimes, News Casting.
6:05 p. m.—KFOA Travel Service.
6:30 p. m.—Studio program.
7:30 p. m.—Elsaine Goering, time signals.

MONDAY, DECEMBER 17

- 11:15 a. m.—Morning musicale.
4:00 p. m.—Studio musicale.
6:00 p. m.—KFOA Travel Service.
7:30 p. m.—"Better Flowers Talks."
7:45 p. m.—"Industrogams."
8:00 p. m.—Studio program.

TUESDAY, DECEMBER 18

- 12:15 p. m.—Farm Flashes, Livestock.
12:30 p. m.—Kiwanis Club luncheon program from the Olympic Hotel.
7:00 p. m.—"Regum Revelers."
8:00 p. m.—Old Melodies broadcast.
9:00 p. m.—Organ recital of Popular Melodies.
9:30 p. m.—Radio Auction Bridge game.

WEDNESDAY, DECEMBER 19

- 11:15 a. m.—Morning musicale.
12:30 p. m.—Rotary Club luncheon program from the Olympic Hotel.
4:00 p. m.—Studio musicale.
6:30 p. m.—Studio program.
7:30 p. m.—"Sweet Moments."
8:00 p. m.—Studio program.
8:15 p. m.—KFOA Movie Club.
8:30 p. m.—"Notes from the Skipper's Log."
8:45 p. m.—Studio program.

THURSDAY, DECEMBER 20

- 12:30 p. m.—Shrine Club luncheon program from the Olympic Hotel.
8:00 p. m.—"I-Et. Club Cder" and Primer for Town Farmers.

8:15 p. m.—Book Chat: Biographies.

9:00 p. m.—Troughadour Hour.

FRIDAY, DECEMBER 21

- 10:30 a. m.—Morning musicale.
10:45 a. m.—Georgia O. George, beauty hints.
11:00 a. m.—Dorothy Neighbors, menu hints, by The Seattle Times.
11:15 a. m.—Morning musicale.
11:30 a. m.—Ghirardelli Chocolate program.
12:00 noon.—Members Council luncheon program from the Chamber of Commerce.
7:30 p. m.—"Sweet Moments" with The Helen Ardelle Candy Company.
8:00 p. m.—Regum Revelers.
8:30 p. m.—Hockey game; Seattle vs. Victoria.
10:30 p. m.—Hoot Owls from KGV.

SATURDAY, DECEMBER 22

- 7:30 p. m.—Farm Science Snapshots.
7:40 p. m.—Sings Fire Girls' program.
8:10 p. m.—Boy Scouts' program.



ROBERT NICHOLS

KJR

Seattle, Washington—970 Kc.

5000 WATTS—309.1 METERS. Phone Main 2475
Operated by the American Broadcasting Co.
604 Home Savings Building, 1526 Westlake Ave.

Robert Nichols
Senior Announcer
Royal Forbes
Studio Director
Arthur L. Fram
Program Director
John Marsh
Pianist
Clarence Clark
Engineer

DAILY EXCEPT SUNDAY

- 6:45 a. m.—Vim, Vigor and Vitality.
7:45 a. m.—Recordings.
8:00 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, KJR Better Homes Girl.
9:45 a. m.—Devotional Service.
10:00 a. m.—KJR Characteristic Hour.
11:00 a. m.—Variety program.
12:00 noon—Late News Events and Novelties.
12:30 p. m.—American Salon Orchestra, under direction of Francisco Longo (ex. Monday and Saturday).
1:30 p. m.—Song Recital.
2:00 p. m.—ABC, Artistic Ensemble (except Monday).
3:00 p. m.—American Symphony Orchestra (ex. Sat.).
4:00 p. m.—Siesta Hour (except Wednesday).
5:00 p. m.—Request Hour (except Tuesday and Friday).
8:00 p. m.—Special Announcements.
8:15 p. m.—Theatrical Review: News, Sports, etc.
8:30 p. m.—The Captivators (ex. Tues and Wed.).
8:55 p. m.—Red Cross (except Saturday).
7:00 p. m.—Twilight Hour program (ex. Mon. & Wed.).
9:00 p. m.—American Symphony Orchestra (ex. Wed.).
10:00 p. m.—Hotel Butler Rose Room Dance Orchestra.

SUNDAY, DECEMBER 16

- 10:00 a. m.—Studio program.
11:00 a. m.—Sacred Concert.
2:00 p. m.—American Sales Orch.; G. Donald Gray.
3:00 p. m.—Home Savings Building Trio.
4:00 p. m.—American Sales Orchestra; Virginia Strong and Hayden Morris.
5:00 p. m.—Cathedral Hour; Vesper Choir; American Artistic Ensemble.
6:00 p. m.—Majestic Theater of the Air, ABC.
7:00 p. m.—Violin recital, Peter Merembium.
7:30 p. m.—Novelty program.
8:00 p. m.—American Salon Orch.; soloists: Dorothy Lewis and Sydney Dixon, ABC.
9:00 p. m.—American Sales Orch.; Virginia Strong, G. Donald Gray and Hayden Morris, ABC.

MONDAY, DECEMBER 17

- 2:00 p. m.—Studio program.
8:00 p. m.—"Vic Meyers' Hotel Butler Orchestra.
8:40 p. m.—Novelties.

TUESDAY, DECEMBER 18

- 8:00 p. m.—American Artistic Ensemble; soloists: Sydney Dixon and Virginia Strong.
4:00 p. m.—Bridge Table.
4:20 p. m.—Siesta Hour program.
8:00 p. m.—Hawallian Sunshine Hour, ABC.
8:30 p. m.—Song Recital; G. Donald Gray and Sydney Dixon.

THURSDAY, DECEMBER 20

- 8:00 p. m.—Artistic Ensemble; G. Donald Gray, solo.

FRIDAY, DECEMBER 21

- 8:00 p. m.—Virginia Strong, soloist.

SATURDAY, DECEMBER 22

- 3:00 p. m.—Ballot Box Audition.
8:00 p. m.—Vincent Knowles Orchestra.
9:00 p. m.—Novelty program.
9:30 p. m.—Vic Meyers' Hotel Butler Orchestra.
10:30 p. m.—Charmed Land Quartet; Male Quartet.
11:00 p. m.—Shore Boat Frolic, ABC.

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



CECIL P. UNDERWOOD
Chief Announcer

KHQ Spokane, Washington—590 Kc.

1000 WATTS—508.2 METERS
LOUIS WASMER, INC., Standard Stock Exchange Bldg.
Telephone Main 4442

DAILY EXCEPT SUNDAY

- 6:45 a. m.—Bailey's Period of Play and Varieties (except Wednesday).
7:30 a. m.—Schultz Musical Klock (except Wednesday).
8:30 a. m.—Inland Empire Road Reports (except Wednesday).
9:00 a. m.—Household Service, Tull & Gibbs (except Wednesday and Friday).
10:00 a. m.—Sara Leigh's Hour with Women (except Wednesday).
11:00 a. m.—Farmers' Service Hour (except Tuesday).
12:00 noon.—The Diamond Hour (except Tuesday).
12:30 p. m.—The Majestic Tenor and His Banjo (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.—Stewart Musical Program.
- 4:00 p. m.—Paint o Mine Period.
4:30 p. m.—Bailey's Concert.
5:00 p. m.—Service Hour (except Friday).
8:00 p. m.—Mahlon Merrick's Concert Orchestra (except Wed., Thurs. and Fri.).
12:30 p. m.—Dessert Hotel (except Monday, Wednesday and Friday).

SUNDAY, DECEMBER 16

- 10:30 a. m.—Children's Sunday School program.
11:00 a. m.—Central Methodist Episcopal Church.
1:30 p. m.—NBC.*
5:00 p. m.—Bailey's Concert.
5:30 p. m.—International Bible Students.
6:15 p. m.—NBC.*
7:15 p. m.—Dunn and McCarthy.
7:30 p. m.—NBC.*
8:00 p. m.—Santa Claus.
9:00 p. m.—NBC.*
10:00 p. m.—City Service Little Symphony.

MONDAY, DECEMBER 17

- 8:00 a. m.—NBC.*
5:30 p. m.—NBC.*
7:30 p. m.—Musical programs.
8:00 p. m.—NBC.*
10:00 p. m.—Dessert Hotel.

TUESDAY, DECEMBER 18

- 12:00 noon.—Chamber of Commerce Luncheon.
6:00 p. m.—NBC.*
7:30 p. m.—Dinner concert, sports.
8:00 p. m.—NBC.*
9:00 p. m.—Goleonda Orchestra.
10:00 p. m.—Dance music by Mahlon Merrick and his orchestra.

WEDNESDAY, DECEMBER 19

- 8:00 a. m.—NBC.*
9:00 a. m.—Musical Klock.

*See Page 52 for detailed program of National Broadcasting Company.

- 9:30 a. m.—Sara Leigh's hour with women.

- 10:30 a. m.—NBC.*
4:00 p. m.—C. Andre Ist.
6:30 p. m.—NBC.*
7:30 p. m.—Santa Claus.
7:45 p. m.—Dinner concert, sports.
8:00 p. m.—Bridg lessons.
8:30 p. m.—NBC.*
9:30 p. m.—Standard Stock Exchange Bldg. program.
10:30 p. m.—Dessert Hotel.

THURSDAY, DECEMBER 20

- 6:00 p. m.—NBC.*
6:30 p. m.—Mahlon Merrick's Concert Orchestra.
7:00 p. m.—Musical programs.
7:30 p. m.—NBC.*
8:30 p. m.—Crescents Old Favorites.
9:30 p. m.—NBC.*
10:00 p. m.—Associated Oil from KOMO.
11:00 p. m.—Dance music by Mahlon Merrick and his Orchestra.

FRIDAY, DECEMBER 21

- 8:30 a. m.—Holiday notes.
9:00 a. m.—The Chocolate Girl.
2:00 p. m.—Musical program.
5:30 p. m.—NBC.*
6:30 p. m.—Dinner concert, sports, etc.
7:00 p. m.—Santa Claus.
7:30 p. m.—Musical program.
8:00 p. m.—NBC.*
10:00 p. m.—Dessert Hotel.

SATURDAY, DECEMBER 22

- 8:00 a. m.—NBC.*
6:00 p. m.—NBC.*
8:00 p. m.—Dinner concert, sports, etc.
9:00 p. m.—NBC.*

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Timely Trade Topics

Harry A. Ungar and Irving D. Watson, President and Secretary-Treasurer, respectively, of Ungar & Watson, Inc., distributors in Southern California and Arizona for Majestic Electric Radio, are now in Chicago attending a convention of Majestic distributors. While in Chicago they will inspect the new additions now being built to the six great Majestic factories and will discuss plans for continuing Majestic in its unquestioned position as leader of the entire radio industry.

Stockholders of the Polymet Manufacturing Company have authorized an increase in the company's no par value capital stock from 30,000 to 60,000 shares. Of this increase, 15,000 shares are to be issued to stockholders to whom rights will be given to subscribe in the ratio of one share of new stock for each two shares of the old stock held, at \$20 a share. The right to subscribe goes to those who were holders of shares as of the close of business (November 23) and the subscription rights expire December 5.

The Radio Products Sales Company, under the supervision of C. F. Sexton, announces their new location in the Stack building, room 214, at Fourth and Broadway. The Premier "7" Electric Chassis, using 227 and 191A tubes, is on display. C. F. Sexton invites his many friends to take note of his phone, TUCKER 5632, for future reference.

To assist the home set building and the average set user who is having trouble with his set the Radio College of California has arranged to broadcast answers to any question that may be sent in over station KTM, formerly KNRC, every Monday and Friday afternoon, between 4 and 5. All that is necessary for you to do is to write your question to the Radio College of California, 921 West Sixth street, and they will give you the answer over the air.

The Radio Cabinet Company of 2511 Compton Avenue, Los Angeles, one of the newest and most complete manufacturing plants of radio furniture in Los Angeles, are showing some most unusual novelties in the way of radio tables and cabinets.

The Paramount Radio Company, manufacturers of the Paramount Six-tube all electric radio, are now occupying their new quarters at 1805 W. Seventh street, Los Angeles, their manufacturing plant, as well as their attractive display and demonstration rooms, now located at this address. From the manner in which the dealers are taking on this set, it is evidently finding favor with the radio public.

The radio industry and Radio Doings wish to extend their sympathy to Mr. Edward Sherman, of L. J. Meyberg Co., in his bereavement at the loss of his wife on Sunday, Dec. 9th.

Q and A

(Continued from Page 23)

ger upon the retina for an appreciable moment after they no longer exist.

Now, I imagine you are wondering why this type of current is used by the power and light companies instead of a steady direct current. It is because we cannot transform direct current from one voltage to another, but must generate it, transmit, and use it and the original voltage. Hence, if we were to attempt to bring electrical energy from a great distance at 110 volts, the wires would have to be solid copper as big around as a barrel, in order to carry the current in amperes. But with alternating current, transformers will step the voltage up to 200,000 volts with a corresponding decrease in the current since the actual power is the product of amperes and volts. Only small conductors are then needed to carry a comparatively small current at such great pressure. Then when we reach our destination, transformers will again step the voltage down to 110 and make available the many thousands of amperes of current which meet our power and light needs.

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Pacific Standard Time
"Rocky Mountain Broadcasting Station"

DAILY EXCEPT SUNDAY

10:00 a. m.—Farm and Home Hour, NBC (except Saturday).

10:45 a. m.—Hearst Over the Telephone.

11:00 a. m.—Time Signals.

11:01 a. m.—Weather, Stocks, etc.

11:15 a. m.—Organ Recital.

7:30 p. m.—United States National Bank program.

8:00 p. m.—The Novelty Show.

8:30 p. m.—Over the Garden Wall—A Monastery Garden.

9:00 p. m.—KOA Mixed Quartet singing Christmas carols.

SUNDAY, DECEMBER 16

- 9:50 a. m.—Service of First Congregational church, Denver.
1:00 p. m.—Dr. S. Parkes Cadman, NBC.
2:30 p. m.—Araclie Birkenholz, concert violinist, NBC.
3:00 p. m.—Stetson Parade, NBC.
3:30 p. m.—Whittall Anglo Persians, NBC.
4:00 p. m.—Piggly Wiggly program.
4:30 p. m.—Musical program.
4:45 p. m.—Hoff-Schroeder Crystal Studio.
5:15 p. m.—Collier's Hour, NBC.
6:15 p. m.—Atwater Kent Hour, NBC.
7:15 p. m.—National Light Opera Co., NBC.
8:15 p. m.—Flower Time.

MONDAY, DECEMBER 17

- 3:30 p. m.—A. C. Gilbert program, NBC.
4:30 p. m.—Stocks, markets, livestock, produce and news bulletins.
5:50 p. m.—Flintstone program, NBC.
5:50 p. m.—Automatic Day Disc program, NBC.
6:00 p. m.—Musical Parties.
6:30 p. m.—General Motors Family Hour, NBC.
7:30 p. m.—General Electric Hour, featuring Denver Concert Orch. and General Electric Male quartet.
8:30 p. m.—KOA Players, presenting "The Lost Lady," by Lucas.
9:00 p. m.—Ada Marie Castor, soprano, with KOA Orchestra.
9:30 p. m.—Beese Popular quartet.

TUESDAY, DECEMBER 18

- 11:15 a. m.—Organ recital, Marjorie Nash.
1:30 p. m.—Aurion Bridge game, NBC.
3:00 p. m.—A Recipe a Day.
3:05 p. m.—Our Trip Around the World—In France.
4:00 p. m.—Morley Singers, NBC.
5:00 p. m.—The Sealy Air Weavers, NBC.
5:30 p. m.—Farm Question Box, George C. Wheeler, editor, Western Farm Life.
6:00 p. m.—Eveready Hour, NBC.
7:00 p. m.—Cliequot Club Eskimos, NBC.
7:30 p. m.—Answers on Financial Questions by Bosworth, Chamute, Louhridge & Co.
7:35 p. m.—Nick Pallizi and his Apollo Ball Room Aces.
8:00 p. m.—Second U. S. Engineers Band, Ft. Logan, Colo.
8:30 p. m.—Ben Bernale's Hotel Roosevelt Orchestra, NBC.

WEDNESDAY, DECEMBER 19

- 5:00 p. m.—Stocks, markets, livestock, produce and news bulletins.
5:30 p. m.—Brown Palace Hotel Orchestra.
6:00 p. m.—Ivans Troubadours, NBC.
6:30 p. m.—Palmolive Hour, NBC.

THURSDAY, DECEMBER 20

- 7:45 a. m.—Thine Products, NBC.
3:00 p. m.—A Recipe a Day.
3:05 p. m.—Thursday Afternoon musicals.
3:30 p. m.—"The Denver Post Stylogram," sponsored by the Denver Post.
3:45 p. m.—Musical program.
5:00 p. m.—Forhan Song Shop, NBC.
5:30 p. m.—Brown Palace Hotel Orchestra.
6:00 p. m.—Seiberling Singers, 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.
8:00 p. m.—Nick Pallizi and his Apollo Ball Room Aces.

FRIDAY, DECEMBER 21

- 8:00 a. m.—RCA—Walter Damrosch and Orchestra, NBC.
9:00 a. m.—KOA Shopping Hour.
12:00 noon—Forhan's program.
3:00 p. m.—A Recipe a Day.
3:05 p. m.—Housewives' matinee—KOA Players in a Christmas play by Helen Norris.
4:00 p. m.—Great Moments in History, NBC.
4:30 p. m.—Stocks, markets, livestock, produce and news bulletins.
4:55 p. m.—Road reports—Motor Club of Colorado.
5:00 p. m.—Cities Service Orchestra and Cavaliers, NBC.
6:00 p. m.—Wigley Review, NBC.
6:30 p. m.—Sixteen Singers, NBC.
7:00 p. m.—Strenbers-Carlson, NBC.
7:30 p. m.—Answers on Financial Questions, by Bosworth, Chamute, Louhridge & Co.
7:35 p. m.—The Solitaire Cowboys.
8:05 p. m.—Vincent Lopez and his Hotel St. Regis Dance Orchestra, NBC.
9:00 p. m.—The Music Album—Christmas songs.
9:30 p. m.—String trio.

SATURDAY, DECEMBER 22

- 11:15 a. m.—Organ recital, Marjorie Nash.
11:30 a. m.—RCA Demonstration Hour, NBC.
4:00 p. m.—Vincent Lopez and his Hotel St. Regis Dance Orchestra, NBC.
4:45 p. m.—"Week of the World's Business," Dr. Julius Kieln, NBC.
5:00 p. m.—National Orchestra, Walter Damrosch, director, NBC.
6:00 p. m.—Phileo Hour, NBC.
7:00 p. m.—Lucky Strike Hour, NBC.
8:00 p. m.—Preview of International Sunday School lesson, the Rev. William O. Rogers.
8:30 p. m.—Bill Grabau's Hotel Cosmopolitan Orch.

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KEX...	Portland	254.1	86	KMIC...	Inglewood, Cal.	267.7	68
KFI...	Los Angeles	468.5	56	KMO...	Tacoma	223.7	88
KFOA...	Seattle	236.1	89	KMTR...	Hollywood	526	61
KFON...	Long Beach	239.9	72	KNX...	Hollywood	285.5	60
KFQZ...	Los Angeles	353.7	68	KOA...	Denver	361.2	93
KFRC...	San Francisco	491.5	82	KOIN...	Portland	319	86
KFSD...	San Diego	499.7	76	KOMO...	Seattle	325.9	88
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KFWB...	Hollywood	315.6	64	KPLA...	Los Angeles	526	61
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KGFJ...	Los Angeles	211.1	70	KTM...	Santa Monica	384.4	66
KGO...	Oakland	379.5	80	KPO...	San Francisco	440.9	78
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KHJ...	Los Angeles	333.1	58	National Broadcasting Co.			52

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