THE PEAK OF MODERN RADIO ACHIEVEMENT!

AMRAD

SYMPHONIC SERIES
DYNAMIC RADIO MODELS

Tone—such as only AMRAD can produce—ranging from the whisper of a violin to the peal of an organ, with full richness and without a trace of distortion.

Each AMRAD is equipped with the finest type of built-in Dynamic Power Speaker. Four beautiful console models—each designed in harmony with modern furniture—prices, without tubes, $310 to $900.

THE NOCTURNE
Beautiful walnut console, single dial control, including power tubes and Dynamic Speaker. Price $310 (not including tubes).

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

Exclusive California Distributors

KIERULFF & RAVENSCROFT
RADIO EQUIPMENT

133-141
West 17th Street
LOS ANGELES

121-131
Ninth Street
SAN FRANCISCO
NOTE THESE LOW PRICES!

Pemco Dynamic Chassis Model A-DC for all 6-volt storage battery operated sets.
List ........ $28.50

Pemco Dynamic Chassis Model A-AC for all 110-volt electrically operated sets.
List ........ $40.00

Pemco Cabinet Models — Model B-DC for operation on 6-volt storage battery sets.
List ........ $48.50

Pemco Cabinet Models — Model B-AC for operation on all-electric; 110-volt A. C. sets.
List ........ $58.50

The PEMCO DYNAMIC Chassis models pictured above will fit in most every console or cabinet radio set and will produce a tone quality you never thought possible. With a PEMCO everyone can enjoy radio reception at its best.

See and hear this marvelous Pemco Dynamic Speaker now! You’ll marvel at its fullness and roundness of tone quality and more faithful reproduction of every note in the scale. Investigate this most outstanding value ever offered in a Dynamic Speaker. The surprisingly low price on all Pemco Dynamic Speaker models makes PEMCO the world’s best buy in a Dynamic Speaker. See and hear it today!

Write us for Descriptive Folder

PRECISION ELECTRIC MFG. COMPANY
1020 SANTA FE AVENUE LOS ANGELES
Mac's Haywire Orchestry has probably produced more discords than any other three men on earth. But they've never played one yet that a Magnavox Dynamic Speaker didn't reproduce in all its dismal, off-key realism. That's the beauty of a Magnavox—the original dynamic. It mirrors every program flawlessly—harmony or "haywire".
This Joy Can Be Yours

A faint whistle, a slight murmur, it must be a stranger! A small adjustment of the tuning condenser to get on the peak of the wave, more power, and then in it comes with good volume. Finally the call: WEAF, New York.

The thrill, the excitement, that you experience when you bring in your first DX station. The pulse quickens, the eyes sparkle, you take a new interest in life, for you have found a new hobby, which has a fascination beyond description.

If you have a reasonably selective and sensitive set you can tour the "ether" and receive an unlimited amount of happiness from the excellent programs broadcast by the local and distant stations.

The RADIO DOINGS Call Book is a text book for the fan who wishes to go one step higher in the "science" and become a real DXer. It tells you where every station is located and the Dial Log is so ingeniously arranged that it shows you at a glance where the desired station is to be found on your dial.

Are the people who have purchased the Call Book satisfied? I'll say! Read some of the excerpts from a few of their letters:

Editor, Radio Doings:
The Call Book reached me in time for the new station changes. I have bought lots of Call Books in my time, but your's is the best and most convenient that I have ever used.

(Signed) A. Yard,
Los Angeles, California.

Radio Doings:
Your new Call Book is wonderful. Reached me O.K. The station change has certainly helped as far as local interference is concerned.

(Signed) J. T. Thompson,
San Diego, California.

Radio Doings:
The new Call Book is a peach. The dial-log is just what I have been looking for. It certainly fills the bill.

(Signed) W. Parker.

Editor, Radio Doings:
The new Call Book is well worth the 25c cost. Couldn't do without it. Best of success to you.

(Signed) C. W. Tilley.

Use this Coupon

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

Please find enclosed 25c in stamps, money order, or cash. Send me the 1928-9 Call Book which contains the new listings and the DIAL-LOG. Have it reach me at once.

Name

Address

State

## KITS or PARTS

### RECEIVING AND TRANSMITTING

*Always a Complete Stock*

Watch This List of Parts for Changes

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| DEALERS: Park Next Door At Our Expense |

## RADIO SUPPLY CO.

H. A. DEMAREST, President

912-914 S. Broadway VA. 6063

WHOLESALE

Largest Radio Parts Jobber West of Chicago

Los Angeles
The Powerful
DAY-FAN
9 Tubes
INCLUDING RECTIFIER

Price
$157.50
Less Tubes

Beautiful
Burl
Walnut
Cabinet

The great joy that comes from listening to a large symphony orchestra, the majesty of a mighty organ, the beautiful singing of a world’s famous tenor or the syncopated rhythm of a jazz orchestra reproduced by a radio receiver that gives absolute fidelity of tone makes you realize that it is worth while to own a Day-Fan.

The thrill of tuning in the distant stations, the East Coast, the Middle West, Japan, Australia or Mexico, many of the large stations in foreign lands can be brought to your living room with the powerful Day-Fan.

Receive All that Radio Has to Give
Console Model, $297.50 - Consolette, $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
LARGE CHRISTMAS SALES PREDICTED

Radio manufacturers and dealers have one main question on their minds now that 1928's election day is history. The Presidential race helped to sell radio. Thousands of sets were sold, as were many tubes and other accessories. But now they wonder if this election stimulus will take the wind out of the sails for Christmas. Would those who bought because of politics be in the market at Christmas time had it not been for the Presidential contest? Inquiry among leaders indicates that Christmas radio sales will be large despite the politics, because there are millions of homes still without receiving sets. And what makes a finer all-year gift than a radio set? The outlook is bright for Christmas. Electric sets and dynamic loudspeakers are expected to lead the sales.

COMMISSION PLEASED WITH EARLY ALLOCATION REPORTS

With the exception of Chairman Ira E. Robinson, who voted against the plan, and who has made no comment, the members of the Federal Radio Commission have expressed themselves as highly elated with the early results of the new radio set-up. Trouble spots, of course, were reported, but generally speaking, the tryout has been more satisfactory than anticipated.

To make sure that things are working as smoothly as reported to them, Commissioner Sam Pickard, and perhaps several others will make trips to their zones to get first-hand information how the assignments are working out. Mr. Pickard's plans are indefinite, but he expects to visit Indianapolis, St. Louis, Kansas City, Lincoln and Omaha. Returning, he will inspect stations in Iowa, Minnesota and Wisconsin, of course, stopping off at Chicago.

Possibly the most satisfied man was Dr. J. H. Dellinger, chief engineer of the Radio Commission.

"I am very much pleased," Dr. Dellinger said. "There are good stations all over the dial. It worked out even better than I expected on the first night. Of course, there will be some heterodyning until the stations get set exactly. I believe, however, that it has already been established that the reallocation has come up to expectations."

"I have received many evidences of the trouble and pains that stations have taken to get accurately adjusted on their new frequencies. I feel, therefore, that the public owes broadcasters a debt of thanks for complying so immediately and fully with the Commission's order."

MECHANICAL AIR TRAFFIC POLICEMEN SOON

Within the next few weeks seventeen new "monitoring" apparatus, or mechanical air traffic policemen, will be installed in all parts of the United States by the Radio Division of the Department of Commerce to measure the frequencies of radio stations.

The new apparatus, which has been developed by the Division, to see if broadcasting, short wave and trans-oceanic stations are on their proper wave, is an innovation in the policing of the air. While radio engineers may have used some kind of machines for testing work, the Radio Division is the only body authorized by law to check up on the frequencies of stations. The new apparatus, it is said, will enable radio inspectors in various parts of the United States to check up on even foreign broadcasting stations, so accurate are they considered.
The Radio without an equal in value

Once you have seen and heard the new Falck models your search for perfect radio reception is at an end. The Falck 6A, equipped with the latest power-type Magnavox Dynamic Speaker, is creating a sensation. Creating a sensation in spite of limited production. It is useless to try to describe this single dial 8-tube set. See and hear it. You won't be satisfied with anything else—in beauty, tone or value.

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 Allesandro 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.
  6707 S. Broadway. TH 4486.
- L. & Y. Electric Co.  
  8864 W. Pico. OK 1509.
- Paramount Radio & Electric Co.  
  5915 Santa Monica Blvd. HE 8473.
- Peoples Outfitting Co.  
  3990-98 S. Vermont. VE 3143.

- Red Wing Electric Shop  
  5101 Santa Monica Blvd. OL 1410.
- Geo. R. Schofield, Inc.  
  3550 Whittier Blvd. AN 3221.
  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. 618-335.
- Ward Bros. Radio Studio  
- PASADENA—The Song Shop  
  16 S. Raymond Ave. WA 2919.
  VERNON—McQuary Music Co.  
  1320 1/2 E. 38th St.
- WALNUT PARK—Letteney's Furn. Store  
  2660 E. Florence Ave. DE 3245.
- WATTS—Clark & Icher  
  9623-9627 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.


Manufactured and Guaranteed by **ADVANCE ELECTRIC COMPANY**

1260 W. Second St. Los Angeles, Calif.  
*Pioneer Manufacturers of Radio Equipment*
The Pride

Many a 1921 motor will still move steadily from place to place—but most of us hesitate to own a car seven years old. Pride of ownership makes us want a machine that is not conspicuously obsolete.

... And just so with speakers. Many non-dynamic models will give reasonably

JENSEN RADIO
212 Ninth Street

Exclusive Southern
YALE RADIO
1111 Wall Street

The Finest
of Ownership

good reproduction, but we demand more than that

... Those of us who feel real Pride of Ownership demand not merely a dynamic—but one that bears the Jensen name—an outward symbol of in-built character and quality, and a name that represents a speaker which is the finest in radio.

MFG. CO.
Oakland, Calif.

California Distributor
ELECTRIC CO.
LOS ANGELES

Distributed in the West by

P. W. Gavin Co.
1183 Front St., San Diego
Stubb's Electric Co.
75' Sixth St., Portland, Ore.
Robert Weinstock, Inc.
643 Mission St., San Francisco
Harper-Meghee, Inc.
Fourth at Blanchard St.
Seattle, Washington
Harper-Meghee, Inc.
214 Howard St.
Spokane, Wash.

The Motor Hardware Equipment Co.
San Diego, Calif.

Pac. Wholesale Radio, Inc.
Folsom at 7th St.
San Francisco

Licensed under Magnavox Patents
HAVE YOU HEARD
THE NEW
KOLSTER
RADIO?

People — these days — are accustomed to good radio reproduction. They know that local stations should tune in clearly and well. How clearly — and how well — however, is a matter of comparison.

And we say —

Have you heard the new Kolster Radio? For in this superb receiver you do get a true standard for comparison.

California Distributors

John G. Rapp Corp.

1135 Wall St.
LOS ANGELES

123 Second St.
SAN FRANCISCO
Margaret Macdonald, formerly program director of KNRC and whose picture appears on the front cover, is conducting "Margot's Hour," a shopping hour of value and interest to busy housewives, over KEJK every morning except Sunday from 8 to 9.

KNRC announces a new program to go on the air every morning, including Sunday, from 1 to 4 a.m., and to be known as the Pickwick Night Coach program.

Glen Rice, "All-American football announcer," will announce the University of Southern California vs. Notre Dame football game from the Los Angeles Coliseum on December 1st at 2:15 for KNX.

“Dwellers in Darkness,” a one-act spiritualistic play by Reginald Berkeley, will be the presentation of the KOA players on Monday, November 26, at 9 p.m.

Rocky Bernard, baritone, is heard over KGFJ every Monday, Tuesday and Friday from 11 to 12 noon and every Sunday from 12 to 1:30 p.m.

Edward Oversby, tenor, will be heard Sunday night over KHJ from 8 to 9. Mr. Oversby will be assisted by the Don Lee Symphony Orchestra.

Thursday at 2 p.m., KFOA will broadcast the University of Washington vs. Washington State College football game.

Vic Meyers and his Trianon Ballroom Orchestra presents the dance music for KPCB listeners, Tuesday, Thursday and Saturday at 11:30.

KFON presents Herbert Nixon at the console of the Pacific Coast Club Organ Sunday, November 25, at 1:30 p.m.

Jane Harding, mezzo-soprano, is to give a half-hour vocal recital over KMIC Monday, November 26, from 9:30 to 10 p.m.

"Tin Pan Alley" is the name of a new program introduced by the National Broadcasting Company and created in answer to the demand of the radio public for a male quartet. Two young men seeking fame as composers, share quarters with two friends, whose business is to make new songs popular. This program is scheduled every Wednesday evening, from 7 to 7:30 p.m., over KGW.

Hugh Barrett Dobbs, better known to many listeners-in as "Dobbsie," will now be heard over six NBC stations during his Happy Time program from 8 to 9 a.m.

Paul Roberts and John Schonberger’s Studio Trio will be heard in an exceptionally fine musical recital Thursday, November 29, from 8:30 to 9:30 p.m., over KFI.

Lillian C. Thompson will conduct the program known as The Bridge Table, over KJR next Wednesday, November 28, from 4 to 4:20 p.m.

KFRC will introduce “Red” Neisler, singer and banjo player, to its listeners Sunday afternoon at 4 o’clock. “Red” will be co-starred with KFRC’s “pianist with a personality,” Art Fadden, in his usual Sunday afternoon program.

Have you ordered your 1928-29 Radio Doings Call Book?
See Page 5.
Announcement...

To the Radio Manufacturers, Jobbers and Dealers of the Pacific Coast:

The C. W. Smith Company has just completed arrangements for taking over the entire radio cabinet output of the A. & A. Furniture Company, of 1117 East Sixty-third Street, Los Angeles, California. The line will henceforth be known as ROYALE.

We were impelled to this step through our experience in handling a portion of the A. & A. line early this season. Our customers were quick to note the artistic design, finish and workmanship of the A. & A. products, and it was difficult for us to keep enough of their models in stock.

Following this, we made a thorough investigation of the A. & A. Furniture Company. We found that Mr. George Adams, President, was an old furniture manufacturer who had "pioneered" in the radio cabinet field. We found in the A. & A. plant 15,000 square feet of floor space, the best of modern machinery (making possible quantity production at low cost), and a staff of highly skilled cabinet makers and finishers—everything, in fact, required for quality work in cabinets.

Throughout our own history (we will soon be in our fifth year) the C. W. Smith Company has been noted for conservatism. Our old customers know we have never gambled with a questionable line. We have always sold ourselves before attempting to sell to others. This holds true in the present case.

The new line will be merchandised by us as the ROYALE... a name in keeping with its richness of design and finish. We will have on our floor ten or more stock models in beautifully grained walnut, built to accommodate a wide range of receivers and speakers,—or sold with speakers if desired. Orders for special custom jobs will be executed promptly.

We cordially invite YOU... no matter what your connection in the field of Radio, to visit our showrooms, 407 East Pico Street, Los Angeles, and convince yourself on the ROYALE line.

Yours sincerely,

C. W. Smith
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
The **Sparton Equasonne**

Is Startling the Radio World

Call One of These Dealers for Demonstration

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| SANTA MONICA BLVD.                      |                                        |
| **Angelus Radio Shop**                 |                                        |
| *Demonstrations that Please Terms to Suit* |                                |
| **4208 Santa Monica Blvd.**            |                                        |
| **OL. 7745**                           |                                        |

| LONG BEACH                              |                                        |
| **McCreery Music Shoppe**               |                                        |
| **228 Pine Avenue**                    |                                        |
| **Phone 640.14**                       |                                        |

| SOUTH VERMONT AVE.                      |                                        |
| **American Electric Co.**              |                                        |
| *Where Service Counts*                 |                                        |
| **2400 South Vermont Ave.**            |                                        |
| **BEacon 0676**                        |                                        |

| LONG BEACH - BELMONT SHORES            |                                        |
| **Harris Radio Service**               |                                        |
| **192 Corona Avenue**                  |                                        |
| **Phone 347.222**                      |                                        |

| DOWNTOWN                                |                                        |
| **Plenty of Room to Park**              |                                        |
| **Standard Radio**                      |                                        |
| *Expert Radio Service*                  |                                        |
| **417 W. Pico St.**                     |                                        |
| **WEstmore 1560**                       |                                        |

| WHITTIER                                |                                        |
| **Demonstrations that Convince**        |                                        |
| **Farmers Hardware and Paint Co.**      |                                        |
| **109 N. Greenleaf Ave.**               | **Ph. 426.38**                         |

| LA MESA                                 |                                        |
| **Where Satisfaction Counts**           |                                        |
| **La Mesa Music Co.**                   |                                        |
| *Let us Prove this Superior Radio to You* |                                |
| **35 W. Lookout Ave.**                  | **P. O. Box 814**                     |
| **La Mesa 5561**                        |                                        |

| SAN DIEGO                               |                                        |
| **Exclusive Radio Shop**                |                                        |
| **Reynolds Radio Shop**                 |                                        |
| *Every Minute Service*                  |                                        |
| **3636 University Ave.**                | **Hillcrest 7363**                     |
Short Wave Club:
I have been listening to 6AG, Perth, Australia, on 32.5 meters. He was testing on both Sunday and Monday mornings. This morning (Nov. 14th) he signed off at 4:31 a.m. Came in better than 2ME at Sydney. He announced “now closing down at 31 minutes past 8 o'clock.” The nine hours time difference makes you realize how far Perth is from here. I played POLL, Kootwijk, Holland, good yesterday afternoon on 18 meters, and 5SW in England is getting stronger every day. I have verifications coming from ANE, Java; FW, Ste. Assie, France; 2ME, Sydney, Australia; AFK, Doeberitz, Germany; JHBB, Japan. Most of these stations are between 18 and 45 meters. Tell the Club members to listen for 2AG, at Perth on 32.5. You can't miss him.

DONALD WRIGHT, 1123 S. Meyler St., San Pedro, Calif.

(Ed. Note.—Mr. Wright enclosed verification letters and cards from London, England; Tokyo, Japan; Sydney, and Melbourne, Australia; Kootwijk, Holland; and Khaborvsk, Siberia. The reception from Perth is exceedingly interesting due to the great distance. Perth is on the West Coast of Australia and 9000 miles from Los Angeles.)

The CeCo Landslide
"The extraordinary popularity of CeCo radio tubes is exemplified in the avalanche of orders that has poured into the factory from every part of the United States," says Mr. Kruger, popular local representative of the CeCo line. "This has created conditions whereby extensive additions to the factories became essential. This additional equipment has been added and is in operation, which has largely increased production. It is now hoped that back orders will be filled shortly. Incidentally, we might mention that the CeCo company contracted for the longest and largest broadcasting schedule that has ever been given in this country, namely, 52 weeks of continuous broadcasting over the Columbia Network, covering approximately 25 of the leading stations."

A ll over the country they are praising this wonderful improvement that blocks out line interference noise and radio frequency disturbances. Plug in a Falck Claroceptor between your receiving set and wall socket. You won't get any more of that man-made "static" from motors, street cars, telephones, electrical appliances, etc. An absolute necessity to clear reception in some locations. Also improves selectivity and distance.

A Falck Claroceptor requires no changes in your set. Measures just 3½x2¼x2½ 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.

$7.50 complete with cord and plug

Falck CLAROCEPTOR
Manufactured by ADVANCE ELECTRIC CO. 1200 W. Second St., Los Angeles

Jobbers and Dealers, Get Our Proposition
...why? Because the new Sparton Equasonne All-Electric Radio will bring in more distant stations at room volume than any other commercial receiver manufactured.

DISTANCE!

The distance-getting ability of the Sparton Equasonne is due: first, to the use of 5 stages of radio frequency amplification, each capable of increasing a radio impulse 15,000 times instead of the usual 3,000 to 7,500 times; second, to the revolutionary Equasonne selector unit, which admits only the frequency channel allotted to the station being received. The Sparton Equasonne picks out those weak distant signals from the barrage of local interference and builds them up to room volume without distortion. Consequently you can get distant stations that will be pleasing to hear without sitting up half the night waiting for local stations to get off the air.

Sparton brings in the entire broadcast spectrum, operating as efficiently on low wave bands as on the higher. For the first time the whole world of radio is yours.

WHY SPARTON EQUASONNE GETS DISTANCE

The small sketch at the left shows how the Equasonne selector unit deals with the local station in its own wave channel, thus allowing distant stations to come in without interference. Dotted line shows tuning characteristic of the average radio, which blankets the distant stations almost entirely.

The above map shows some of the distant stations being brought in at room volume by the Sparton Equasonne.

SPARTON EQUASONNE
THE PIONEER ALL-ELECTRIC RADIO
5 models, beautifully encased, $210 to $925 complete
NO
MATTER
HOW
YOU LOOK
AT IT
QUALITY...SERVICE
DEPENDABILITY
are closely
WOVEN
around
POLYMET

POLYMET MANUFACTURING CORP.
District Representatives
THE SPECTOR COMPANY
Rialto Building 800 N. Spring St.
San Francisco Los Angeles

POLYMET PRODUCTS
The Busy Business Man's Friend

Leo McCarey, the well known vice-president and supervisor of the Hal Roach studios, is a real radio fan. He keeps a Stewart-Warner handy on his desk at all times to keep in constant touch with news and stock market reports. His position requires a constant contact with the musical and theatrical world and he finds that he can best get the information that he needs by radio.

The compactability and convenience of the Stewart-Warner receiver make it particularly adaptable for the business man's desk, as it takes up very little room and simply plugs into a wall socket. Broadcasters are more and more considering this type of audience as well as that composed of the housewives, and daily broadcast material of interest to the business man regardless of the nature of his work.

Stewart-Warner speakers and receivers are distributed in Southern California by Western Radio, Inc., and the Stewart-Warner Sales Company.
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 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.)
STEWART-WARNER
Matched-Unit Radio

New Amazing Features!

Model 801
Seven Tubes, Push-Pull Amplification, Light-socket Antenna.

Model 802
Model 802 is the same as 801, but with
Built-on Magnetic Speaker—a compact, portable, self-contained radio.

Realism in Radio
A small compact cabinet, finished in beautiful bronze Moire, completely shields the entire set. One control for tuning, one for volume. Gold-plated illuminated dial, calibrated by wave-lengths. Phonographic pick-up receptacles, re-creating record music equal to any new-type phonograph.

1929 ALL ELECTRIC A.C. RADIO $98.50

Model 802 is the same as 801, but with
Built-on Magnetic Speaker—a compact, portable, self-contained radio.

Call on the Stewart-Warner dealer. See and hear these wonder sets. Install one in your home for permanent radio enjoyment. The name of its maker is an unquestioned guarantee of enduring satisfaction.

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

Call on the Stewart-Warner Dealer in your neighborhood, and let him explain personally the outstanding features of the Stewart-Warner Radio.

Los Angeles
A & M RADIO COMPANY
5320 S. Central Ave.
AMERICAN RADIO CO.
108 E. 8th St.
ARLINGTON RADIO STORE
2219 W. Washington
ARCOR RADIO
3209 Glendale Blvd.
BEACON ELECTRIC CO.
5113 W. Figueroa St.
BROOKS FURNITURE CORP.
3555 Whittier Blvd.
B.B. BROWN'S RADIO
4363 S. Western Ave.
CALIFORNIA MUSIC CO.
2107 Brooklyn Ave.
CALIFORNIA RADIO STORES
911 E. 6th Street
M. J. CARLS
1929 Los Angeles St.
A. W. COOPER
1318 W. 39th
COSTELLO RADIO PARLOR
6301 S. Broadway
CREMSHAW RADIO SHOP
3343 Crenshaw
DONNEL'S MUSIC CO.
3631 Wilshire Blvd.
DURLIN RADIO SHOP
221 South Indiana
ELECTRIC SERVICE CO.
4508½ S. Vermont Ave.
EMPIRE TRADING CO.
524 S. First Street
FIRESIDE RADIO
5551 York Blvd.
FULLER'S RADIO STUDIO
3878 Venice Blvd.
GAYLORD RADIO ELECTRIC
SHOP, 6618 South Vermont
HARMON RADIO CO.
4575 S. Vermont
H. O. HANSON
1906 S. Main St.
HENDERSON RADIO
4553 Beverly Blvd.
HUGHES RADIO & ELECT. CO.
1000 S. La Brea
O. F. HURST RADIO SHOP
4852 Whittier Blvd.
LA BREA RADIO CO.
5233 Wilshire Blvd.
R. C. LARKIN RADIO CO.
5425 Beverly Blvd.
LOVINGER'S MELROSE RADIO
SHOP, 4435 Melrose

MANCHESTER RADIO ELECT.
SHOP, 1022 Firestone Blvd.
MELROSE RADIO SHOP
5003 Melrose
MOLE ROTHERS
5013 S. Vermont
S. A. McCOY, 4500 Whittier
MOTLEY ELECTRIC SERVICE
7701 Santa Monica Blvd.
NORMANDIE RADIO SHOP
5031 Hollywood Blvd.
RADIO CABINET DISTRIBUT.
TING CO., 666 S. Broadway
RADIO ELECTRIC CO.
1749 E. Florence
SCHOCK RADIO CO.
2514 W. Washington
A. C. SINGER, 4127 Pasadena
THE SONG SHOP NO. 2
3009 W. 8th St.
SOUTHWEST ELECT. & RADIO
7208 S. Vermont
CLARK E. TAYLOR
1093 E. Vermont Ave.
TEVIS RADIO SHOP
8110 S. Vermont
TEXOLA RADIO PARLOR
638 N. Western Ave.
TRALL & PRATT
5064 S. Vermont
TRANSCONTINENTAL RADIO
2415 W. Washington
WILSON'S ELECTRIC SHOP
207 W. First

Southern California
ALHAMBRA
Harper Radio Service, 925 W. Valley Blvd.
Le Roy Radio Elec. Co., 40 N.
Garfield Ave.
Urlich Bros., 2042 S. Garfield

(See Advertisement by courtesy of WESTERN RADIO, INC. and STEWART-WARNER SALES CO., Distributors.)
STEWART-WARNER
Matched-Unit Radio

The name Stewart-Warner is an unquestioned guarantee of enduring satisfaction. $50,000,000 in resources is behind each of these dealers.

GARDENA, Don Spears
Don's Radio Shop
809 W. 165th St.

GLENDALE
Begg's Radio, 201 North Brand Blvd.
Gendale Elec., Grand and Glendale Ave.
Pacific Radio Store, Broadway and Pacific
Radio Service, 1148 N. Central

GLENDORA, Reed Hdw, Co., 317 E. California Ave.

HAWTHORNE, Hawthorne Radio Shop

HEMET, Home Furnishing Co., 213 East Florida

HEMET, Radiomatic, 133 Camino Real

HERMOSA BEACH, Muller's Dept. Store, 133 Camino Real

HOLLYWOOD, The Barrows

HUNTINGTON PARK, California Radio Stores, 333 Pacific Blvd.

Hurst-Klinberg Sales Co., 5614 Pacific Blvd.

INDEPENDENCE, Ingo Furn. & Hdw. Co.

INDIAN, C. W. Woodhouse, Box 368

INGLEWOOD, A. L. Beagle, 402 S. Market

LA HABRA, La Habra Electric Co.

LOISH PINE, Owens Valley Elec. Co.

LONG BEACH
Electricite Radio Co., 1719 E. Anaheim
General Speedometer Co., 516 Anaheim
Inter-City Radio Store Co., Jensen Radio Co., 107 American Ave.
Radio Co., 430 American Ave.
Superior Radio Shop, 610 W. Broadway

MARICOPA, T. N. Keckler, 849 California Street

MAYWOOD, Fred's Radio Electric Shop, 3608 Slauson Ave.

MONROVIA, Arthur A. Ross, 504 S. Myrtle

NEWHALL, Triangle Gargare

NORCO, E. L. Uphaum Drug Store

NORTH HOLLYWOOD, AI W. BRYANT, 3333 Lankershim Blvd.
NORTH LONG BEACH, AKERS BROS., 5440 Long Beach Blvd.

OJAI, Loring Farm

ORANGE, Royal A. Sands, 135 S. Cypress

OWENSMOUTH, Earl M. Haas, 21523 Sherman Way

OXNARD, H. C. Marvin, 137 Fifth Street

PACIFIC PALISADES, Winton C. Hock

PASADENA
Arthur J. Fortier, 1290 N. Fair Oaks
Jimmie Gilbert, 887 N. Fair Oaks
Henry Wood, 1417 N. Lake Ave.
Scribner & Knapp, 1747 E. Washington St.
Service Radio Shop, 1164 E. Colorado Ave.
Wilson Music Co., 130 E. Colorado

PASO ROBLES, R. C. Heaton Co.
PICO, Pico Radio Shop, 416 E. Whittier Blvd.

POMONA
Harrison Fifth Electric Co., 583 W. Second St.
George W. Hettl, 182 E. 3rd St.
Schwartz and Helmer, 228 W. Second St.

PUENTE, S. A. Peel, 112 W. Main Street

REDONDO BEACH, Campbell & Frayler, 491 S. Catalina
Service Radio Electric Co., 103 Emerald St.

REDLANDS, Dale E. Sipher, 414 Oranoe St.

RESEDA, Prior Radio Shoppe, 13504 Sherman Way

RIVERSIDE
Shielders Bros., 760 W. 9th St.
Tire & Rlm Service Co., 505 West 6th Street

SAN BERNARDINO
Radio Laboratories, 740 Magnolia Ave.

Tennent's, 6th and "D" Sts.

Whiteaside Music Co., 384 "E" St.
SAN CLEMENTE, San Clemente Elec.
SAN FERNANDO, Lewis Furniture Co.

Mission Pharmacy, 901 Porter Ave.

SAN LOUIS OBISPO
Cline Elec., Co., 908 Monterey Street
Rogers Radio Shop, 68 Haguera St.

SAN MARINO, San Marino Elec., 2465 Mission St.

SAN PEDRO, Johnson Radio Service, 9th at Gaffey

SANTA ANA
Robert S. Gerwig, 312 N. Broadway

SANTA BARBARA
"Doc" Davis, "OX," 820 Chapala

Hendricks Music House, 1015 State Street

SANTA MARIA, Saladin Music Store, 128 S. Main St.

SANTA PAULA
Fay Harwood
Lloyd's Automotive Service, 125 S. Mill Street

SAYETTE, Wafis Hardware Co., 1312 Santa Monica Blvd.

SHAFER, Henry C. Neufeld, Neufeld's Corner

SOUTHGATE, DeLuxe Radio

SOUTH PASADENA, The Radio Elec., 1161 Fair Oaks

TAFT, Taft Music Co., Cor. 4th and North Sts.

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

TUSTIN, Williams Mfg. Co.

VAN NUTS, Van Nuts Electric Co., 14414 Sylvan St.

VENICE, Young's Music Co.

VENTURA
J. C. Neville, 20 California St.
Ventura Radio Sales & Service

WALNUT PARK, L. & G. C. Pyle, 7007 S. Beverly

WATTS, Sutton Radio Service, 10211 Beach St.

WHITTIER, K. D. Miller Electric, 218 S. Greenleaf

WILMINGTON, Wilmington Radio Electric, 115 W. Anaheim

(This Advertisement by courtesy of the STEWART-WARNER SALES Co. and WESTERN RADIO, INC., Distributors.)
Aristocrat Model
Beautiful butl 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.

Southern California Distributors

Western Radio
INCORPORATED

1224 Wall St.  WE3338  Los Angeles, Cal.
QUESTION—Can 171-power tubes be reactivated, and if so, by what process? Have several which became paralyzed long before their useful life should have been over, and would like to restore them.

H. D., San Diego.

ANSWER—Yes, the 171 and 171A power tubes are of the type wherein the thorium is distributed throughout the body of the tungsten wire and not applied as a coating. In the normal operation of the tube, the thorium at the surface gradually evaporates, due to the electronic emission, and this is replaced by fresh thorium from the interior of the filament. If, however, due to excessive voltage (more than 10 per cent above the rated filament voltage), the surface thorium evaporates faster than it can be replaced from inside the filament, the emission will decrease and gradually disappear, whereupon the tube is said to be "paralyzed." To determine whether or not a tube should be subjected to the reactivation process, an emission test should first be made. To do this, connect the grid and plate together and apply 50 volts to them through a milliammeter. With a filament voltage of 5 volts, the total emission should show a grid-plate current of 50 milliamperes. This is the minimum value for a satisfactory tube. If this emission is obtained, the tube is in good order and does not need reactivation. If below this value the tube may be reactivated by either of two methods.

If the tube has been subjected to only a slight overload, it may be reactivated by burning the filament with 7 volts on the filament and NO plate voltage for an hour. Continue this treatment until an emission test gives the 50 mils reading.

The second method, in cases where the tube has been badly overloaded and will not respond to the first method, is to use the "flash" voltage. This consists of burning the filament at 16 volts for 10 to 20 seconds, and then for two hours at 7 volts. Readings of emission may be taken every 30 minutes until the passing minimum is observed.

The "while you wait" methods of reactivation are not to be recommended, for the reason that they materially shorten the life of the tube. Even with the methods here given a certain percentage of tubes subjected to reactivation will burn out, but the number restored to useful life makes it worthwhile.

The following table, taken from the Cunningham Tube Data Book, gives the other types which have the thorium impregnated filament and the values for emission test and reactivation:

<table>
<thead>
<tr>
<th>Type No.</th>
<th>Test Conditions</th>
<th>Reactivation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FIl</td>
<td>Gridplate</td>
</tr>
<tr>
<td>CX-259</td>
<td>3.5</td>
<td>50</td>
</tr>
<tr>
<td>CX-220</td>
<td>3.0</td>
<td>50</td>
</tr>
<tr>
<td>CX-301A</td>
<td>5.0</td>
<td>50</td>
</tr>
<tr>
<td>CX-300A</td>
<td>5.0</td>
<td>50</td>
</tr>
<tr>
<td>CX-340</td>
<td>5.0</td>
<td>50</td>
</tr>
<tr>
<td>CX-371</td>
<td>5.0</td>
<td>50</td>
</tr>
<tr>
<td>CX-310</td>
<td>6.0</td>
<td>100</td>
</tr>
</tbody>
</table>

QUESTION—Enclosed find diagram of my set. It is a home-built five-tube A. C. set. It is very difficult to keep the volume constant. It will get so loud as to cause the cone speaker to rattle, and then if the volume control knob is turned down, the volume will continue to go down until inaudible. Have put new tubes in but no better reception. How can I change the volume control method, and can I have the R.F. filaments controlled by a fixed resistor as the other tubes are?

H. F. U., Los Angeles.

ANSWER—The diagram shows that the volume control is a rheostat in the filament circuit of the type 226 R.F. tubes. The volume cannot be satisfactorily regulated by this means in AC sets, due to the fact that the temperature of the filament responds very slowly to changes in the filament current. For example, supposing the volume is much too loud, and you turn down the rheostat. Nothing happens immediately so you turn it down still further. Then, as the filament slowly cools and finally

(Continued on Page 75)
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

A. C. SCHIREN RADIO STORES
1315 R. Placentia St.
A. A. C. RADIO SERVICE
1056 E. Broadway
WILEY A. ALLEN CO.
1128 S. Broadway
AMERICAN RADIO CO.
108 E. 3rd St.
ANDREWS RADIO CO.
154 S. Broadway
ANGELUS RADIO SHOP
4258 Santa Monica Blvd.
ASSOCIATED RADIO SERVICE
4156 Revert Bldg.
ALVON RADIO SHOP
5225 Avalon Blvd.
BARKER BROS., INC.
244 W. Vermont Ave.
BARKER BROS. (Hollywood Store)
6534 Hollywood Blvd.
BAKER & FITZGERALD, INC.
2605 W. 54th St.
BEACHWOOD RADIO CO.
4111 Hollywood Blvd.
BEACON ELECTRIC CO.
5113 W. Pico
BEEF HOUSE FURN. INC.
4275 S. Vermont Ave.
BEHNER-PEEL RADIO CO.
1323 S. Western Ave.
BIRCH-SMITH FURNITURE CO.
737 S. Broadway
BIRKE MUSIC CO.
465 S. Broadway
BARKER BROS. & BENSON
2070 W. 8th St.
E. A. BOWEN MUSIC CO.
2512 Whittier Blvd.
BROADWAY DEPT. STORE
4th and Broadway
BROOKS FURNITURE CO.
3555 Whittier Blvd.
BRONTO RADIO CO.
130 N. Western Ave.
BBD BROWN
4655 S. Figueroa
CALIF. PIANO CONST. Co.
6920 Melrose Ave.
COVENTRY ELECTRIC CO.
3910 W. 8th St.
DAYNES MUSIC CO.
2555 Whittier Blvd.
DORANS ELECTRIC SHOP
7755 Sunset Blvd.
L. A. DUNCAN
2801 W. Pico Blvd.
HARRY A. DUTTON
1735 S. Western Ave.
EASTERN OUTFITTING CO.
4717 S. Broadway
EASTERN OUTFITTING CO.
620 S. Main St.
ELECTRIC LIGHTING SUPPLY CO.
318 W. Third St.
GLOW ELECTRIC CO.
8810 Hollywood Blvd.
HOLDEN OUTFITTING CO.
5180 Whittier Blvd.
J. GORDON
144 W. 4th St.
GRAND AVE. RADIO CO.
100 W. Grand Ave.
GREATER BROADWAY FURN. CO.
5906 S. Broadway
HARMON RADIO STORE
4274 S. Vermont
C. A. HARMON
10536 S. Vermont Ave.
HARRY W. HARRISON, INC.
5450 Figueroa
W. D. HATFIELD & SON
1782 S. Vermont
HILLSIDE FURNITURE CO.
4632 W. Washington Blvd.
HOLLAND ELECTRIC SHOP
5933 Passadena Ave.
HOLLAY-OWH DEW, CO.
1009 W. Manchester Ave.
HOLLYWOOD MUSIC CO.
6019 Hollywood Blvd.
HOLLYWOOD PHONOGRAPH SHOP
6552 Hollywood Blvd.
HOME ELECT. SPECIALTY CO.
3138 W. Pico Blvd.
INTERSTATE MUSIC CO.
5853 S. Broadway
JENKINS RADIO SHOP
4562 S. Broadway
J. & M. RADIO
3300 W. 9th St.
KELLY MUSIC CO.
122 S. Vermont
KELLY MUSIC CO.
6367 Hollywood Blvd.
LARCHMONT RADIO SALON, Inc.
130 S. Larchmont Blvd.
H. T. LE PLA
1128 W. Santa Barbara Ave.
J. M. LOGE HOWE, & RADIO CO.
258 S. Western Ave.
LOCKIE MUSIC EXCHANGE
1034 S. Broadway
LOS ANGELES HOWE & ELECT. CO.
4522 S. Broadway
LOS FELIZ RADIO SHOP
3104 Los Feliz Blvd.
LOVINGERS MELROSE RADIO CO.
14355 Melrose Ave.
LO VINGER'S THE MAJESTIC MUSIC SHOPPE
5873 Santa Monica Blvd.
Majestic Radio Shop
414 W. Jefferson St.
MANCHESTER RADIO ELEC. CO.
1552 S. Firestone Blvd.
MARSH MUSIC CO.
5052 Santa Monica Blvd.
MARTIN MUSIC CO.
734 S. Hill St.
MAY COMPANY
4555 S. Broadway
MELROSE RADIO SHOP
5689 Melrose Ave.
MESA RADIO SHOP
5821 Mesa Drive
METRO RADIO SHOP
4490 W. Adams St.
CHARLES V. MYERS
2166 W. Washington Blvd.
NORTON & NORTON
2311 N. Broadway
OTTO & DILEBEN ILL. CO.
1350 N. Vine St.
OUTLET STORE
720 S. Main
PACIFIC RADIO STORES
4705 S. Vermont Ave.
PLATT MUSIC COMPANY
832 S. Broadway
PLATT MUSIC COMPANY
6814 Hollywood Blvd.
PLATT MUSIC COMPANY
331 S. Western
PLATT MUSIC COMPANY
4357 S. Vermont
PLATT MUSIC COMPANY
770 S. Vermont
PLATT MUSIC CO.
1021 E. 6th St.
RADIOLIGHT SUPPLY CO.
2077 S. Western Ave.
RADIO ELEC. SERVICE CO.
415 S. Vermont
RADIOLIGHT SUPPLY CO.
2077 S. Jefferson Blvd.
RADIO SHOP
4554 S. Western Ave.
ROBINSON RADIO CO.
7414 W. Jefferson Blvd.
ROWLANDS HARDWARE
7681 Central Ave.
RUPPERT RADIO & ELEC. CO.
1707 S. Santa Monica Blvd.
SHANES HOWE & ELEC. CO.
2606 Division St.
SCHIRREN RADIO CO.
340 N. Main St.
SCHOOL RADIO CO.
3514 W. Washington Blvd.
EARL W. SCHUNK
1558 S. Hill St.
SCHRABACHER RADIO STATION CO.
736 S. Broadway
SKY PILOT RADIO COMPANY
5184 W. Adams St.
SO. CALIF. MUSIC CO.
506 S. Broadway
STANDARD RADIO CO.
417 W. Fitch St.
SUNSET ELECTRIC CO.
1576 Sunset Blvd.
UNIVERSITY RADIO SHOP No. 2
9245 Vermont Ave.
W. A. K. RADIO CO.
6903 S. Western Ave.
WALKER'S DEPARTMENT STORE
Pipit and Broadway
WALKER RADIO SHOP
3851 S. Vermont Ave.
WATSON RADIO STORES
911 S. Western Ave.
WEST COAST FURN., CO.
1359 W. Washington Blvd.
WESTERN HOME FURN. CO.
4311 S. Central Ave.
WOLFE RADIO & MUSIC CO.
447 S. Western Ave.
WOROBIEFF'S
2038 S. First St.
C. S. YOUNG
3713 S. First St.
YOUNG'S MUSIC INC.
612-16 W. Santa Barbara

Southern California

ALNAMBA, Ashlee Elec. Co.
22 N. Garfield Ave.
ALNAMBA, H. P. Carnahan
234 E. Valley Blvd.
ALNAMBA, T. J. iris
1225 W. Main St.
ALTADENA, Nazarian's
1054 N. Allen
ANAHEIM, Anahela Elec. Co.
900 W. Center St.
ARGADIA, F. W. Smith
107 E. Huntington Dr.
ARLINGTON, W. P. Sysmas
824 Magnolia Ave.
ARTESIA, Wm. B. Hayes
325 N. Main St.
ARVIN, Spurgeon & Thayer
AVONAL, J. E. Mathewson
706 Crescent Ave.
AZUSA, White & Wolfe
711 Alamada St.
BAKERSFIELD, Malcolm Brock Co.
1290 (h Broadway
BAKERSFIELD, Don C. Preston
18th and H Sts.
BINNING, Ed. Olum
165 San Gorgonio
BARSTOW, Geo. Cunningham
BELK, Baker Ave. Electric
4472 Raker Ave.
BELLEFLOWER, Berle E. Moore
4270 Montrose
BEVERLY HILLS, Benner-Reel Radio Co.
547 S. Beverly Dr.
BEVERLY HILLS, Otto Radio Co.
303 N. Robertson Blvd.
BRAWLEY, Imperial Valley Hardware Co.
BREA, Deamer Radio Service
43 E. Cedar St.
BURLINGTON, Radio Studebaker
221 N. Magnolia Ave.
CALEXICO, Imperial Valley Hardware Co.
CULA VISTA, Herbert V. Bryant
299 Third Ave.
Atlas Power Amplifier

A chap named Atlas is so strong that he juggles the world around on his neck like a kitten with a katnip ball. And so when a local engineer built an amplifier more powerful than all of its brothers, he called it "Atlas." Hence, the Atlas Coil Company, and their line of Atlas amplifiers. There is a Junior model and a Giant model, and it is with this last-named mogul of amplifiers that we have had personal experience.

That expression, "built like a battleship," has been worn threadbare, and so we would suggest that ad writers and others who require superlatives to express their ideas, might try "built like an Atlas amplifier!" It has so much iron and copper in it, that we suspect the manufacturer of having secret mines and smelters around somewhere. But seriously speaking, it supplies the total plate current for radio sets up to ten tubes; it provides all power for its own three amplifier tubes, one 226 and two 250s; it energizes the field of a dynamic speaker, and it puts out music in any desired quantity, large or small with perfect fidelity and no hum.

People are very apt to believe that a powerful amplifier of this type is designed primarily to produce very great volume. That is secondary. Its real purpose is to produce perfect tone quality at ANY volume. It takes a lot of power to give you the real fundamental bass notes at even soft volume. Hence an amplifier of this type with two 250-type power tubes, in push-pull, is first of all a QUALITY amplifier, and then a VOLUME amplifier.

The power transformer is a life-size job and is the heart of the amplifier. It provides all A, B, and C power used in the amplifier and, in addition, provides ample power for operating any radio receiver-up to ten tubes. The transformer takes power from the light socket and changes the voltage to the different voltages required by the amplifier and the radio. The voltage is stepped up to 550 volts, and is then fed into two 281 tubes where it is rectified and from there goes to the filter. This filter is something new in radio and consists of an original design of choke-coil (which is a combination of brute-force and dual-tuned type) and two 4 MF. condensers, one of 1000 volt rating and one of 600 volt rating. Although 1000 volt condensers are used, less than 600 volts are applied to them which is an indication of the factor of safety and margin of power, used in the design throughout. This filter provides entirely hum-free direct current for operating the plates of all tubes in the amplifier and in your radio set. This absence of hum is best demonstrated by connecting a pair of head phones across the 90 volt section. No hum will be heard.

By using two 250s in push-pull, ample power is obtained for the operation of up to four dynamic speakers, thus insuring more than sufficient power for accurate reproduction of all tones amplified, even though the volume is turned down to a whisper.

The audio output transformer is also of special design and manufacture and is intended to feed directly into the moving coil of a dynamic speaker by removing the output transformer which is generally supplied with the dynamic speaker. The primary of the output transformer is critically matched to the 250 tubes, thereby providing the finest quality possible to obtain and the utmost volume. The unit handles a wider range of notes than any commercial amplifier on the market, reproducing all notes equally well from 20 cycles to over 8000. No tone filter is used in the output, allowing the speaker to reproduce exactly the notes played.

The Pemco Dynamic

The new Pemco dynamic speaker, manufactured by the Precision Electric Company of Los Angeles, now incorporates vacuum tube rectification for producing the direct current necessary to energize the field minding. This is a very marked forward step in dynamic speaker design. It insures a constant and dependable field current.

The locally built speaker carries its own patents and is entirely original in design and construction. The tonal accuracy is out of the ordinary and the ability to withstand great volume without rattling makes the Pemco a highly desirable addition to any radio receiver.

(Continued on Page 75)
Radio Commission—
Congratulations!

They’re here! On November 11th the Federal Radio Commission presented 20,-
300,000 radio listeners with a brand-new set of wave lengths. Congratulations are
due the Commission for the excellent job they have done, and we extend ours here-
with. For the first time in years it is pos-
sible to sit down to a radio set with some
assurance of being able to get good dis-
tance reception. Heterodynes are prac-
tically gone—powerful Middle West and
Eastern stations are found in nice, clear
gaps between the locals. Conditions are
made to order for the DX fan.

Where to Get WEAF, WJZ, on
Sargent-Rayment Seven

Monday morning, Nov. 12th, we had four
phone calls from owners of Sargent-Ray-
ment Seven, telling us about hearing New
York the night before. On the Sargent-Ray-
ment Seven, WJZ, New York City,
comes in at 55 on the drum dial, WEAF
will be found at 65. These two wave
lengths are clear, and only local static
and background noise will prevent reception of
these two Eastern Stations. They are on
the air every night up to 8 p. m., our time.
They can be received right through our
locals.

10 Kc. Selectivity

The new wavelength allocations give the
radio listener 96 channels on which to re-
cieve stations. That is an average of nearly
one channel per degree on most dials. Un-
less your set cuts 10 kilocycles—the elec-
trical distance between channels—you do
not get the full benefit of the radio recep-
tion that is at your disposal. The Sargent-
Rayment Seven cuts practically all stations,
locals included, at 10 kilocycles, thus assur-
ing you of the maximum in radio variety.

Radio Constructors
Corporation
357 Twelfth St. Oakland, Calif.
This little set is correctly named, for truly it carries you across the seas and continents—Russia, Japan, Australia, England. It opens up a limitless field of exploration and thrills.

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The biggest thrill in Radio awaits you when you "Get on the Air" with your S-M short Waver.

For Sale By
A Beauty---Yes---! and Watch It Step.

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

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

If you don't wish to build, yet want your radio to be custom-made, with all the advantages that this implies, S-M will gladly refer your inquiry to an Authorized Silver-Marshall Service Station near you. If, on the other hand, you build sets professionally, and are interested in learning whether there are valuable Service Station franchises yet open in your territory, please write the factory. Our complete 24-page catalog will be sent on request.

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1326 E. Colorado St.

Forer Tire Company
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Palmer & Black
217 W. Colorado St.

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Newcomb Electric Shop
1129 Hermosa Avenue

HUNTINGTON PARK
Huntington Park Furn. Co.
6217 Pacific Blvd.

Forer Tire Company
6040 Pacific Blvd.

Southern
INGLEWOOD
Inglewood Hdwe. Co.
129 N. Commercial St.

LONG BEACH
Kelm Radio
147 E. Fourth St.

Morey's Music Store
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424 Broadway

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Los Angeles, Calif.
**Radio Doings November 24**

**National Broadcasting Co., Inc.**

**PACIFIC COAST NETWORK**

**KFI KPO KGO KGW KOMO KHQ**

Charles H. Gabriel, Jr. 
Program Director

Jennings Pierce 
Chief Announcer

**DAILY**

9:00 a.m. — Time broadcast (except Saturday).

10:00 a.m. — The Trocaderans' Dance Orchestra, except Monday.

**SUNDAY, NOVEMBER 25**

1:30 p.m. — Peerless Reproducers Program offer Kreisler's "Caprice Viennole" and Rubenstein's "Romance in E" as the highlights of their program. Broadcast over KHQ, KGW, KGO, KPO and KFI.

3:00 p.m. — Sunday Afternoon Concert presents the National Concert Orchestra under the direction of Max Dolin, and Easton Kent, tenor and Jean Shahnis, clarinetist. Broadcast over KHQ, KOMO, KGW and KFI.

4:30 p.m. — Biblical Dramas will dramatize the life of Judas Iscariot following his betrayal of Christ. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

7:30 p.m. — Striking an exotic mood of the East in their opening number, the Whittier Anglo-Persians will bring Cui's "False Orientals," broadcast over KHQ, KOMO, KGW, KGO and KFI.

9:00 p.m. — Soderman's "Swedish Wedding March" is their opening number on the Atwater Kent program. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

**MONDAY, NOVEMBER 26**

6:45 p.m. — "A Week of the World's Business" program discusses outstanding developments. Broadcast over KHQ, KOMO, KGW.

7:00 p.m. — Telling his radio audience about eclipses, both solar and lunar, Henry M. Hyde will be heard again in an RCA program. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

8:00 p.m. — Rudy Seiger's Shell Symphonists will entertain listeners with a musical program. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

9 p.m. — Slumber Hour program will present twelve familiar and well-loved selections. Broadcast over KOMO, KGW, KGQ and KHQ.

**TUESDAY, NOVEMBER 27**

10:30 a.m. — "Something different" in the way of Thanksgiving dinners is promised housewives. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

7:00 p.m. — Musical Miniatures brings Vienna, city of love and laughter as the setting for this novel half-hour program. Broadcast over KGO.

7:30 p.m. — "The Red Hussy" will present their third half-hour tonight. Broadcast over KHQ, and KGO.

8:00 p.m. — "The Red Hussy" has been chosen for presentation by the Eyevoready program. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

8:30 p.m. — Amadoz's Gitanos will bring Jarnefeldt's famous "Water Music" for their performance. Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

**WEDNESDAY, NOVEMBER 28**

10:30 a.m. — Home science will enliven the attention of housewives when the "Woman's Magazine of the Air" program goes on the air. Broadcast over KHQ, KOMO, KGW, KPO, KGO and KFI from 10:30 to 11:15.

11:15 a.m. — High spots in the life of proud and lovely Diane de Poitiers will be dramatized for the "Hands of History" period. Broadcast over KGO and KFI.

11:30 a.m. — Standard School program will present American Music as the theme for the period. Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

7:00 p.m. — The amusing tribulations of song composers and their trusty aides, the "song pluggers," forms the theme of the new "Time Pan Alley." Broadcast over KGW.

7:30 p.m. — William and Suzanne will present another "Yellow Cab Bayettes" program. Broadcast over KPO and KFI.

9:00 p.m. — Bringing to auditors a realistic Picture of the pleasures to be found on the "Roads to Romance," "Jack and Ethyl, the Associated Motorists" will tell of their weekly adventures. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

**THURSDAY, NOVEMBER 29**

6:30 p.m. — A medley of Western Alma Mater songs will be offered by the Serberling Singers as the opening number of the weekly continental program. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

7:30 p.m. — Standard Symphony Hour is divided into four parts each of which presents a phase of music. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

**FRIDAY, NOVEMBER 30**

10:30 a.m. — The familiar Mammy Sperry feature and a new feature presented by Ann Holden will be heard. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

5:35 p.m. — Land o' Health period takes its listeners high above Cheese Cave in the Breakfast Balloon. Broadcast over KHQ, KOMO, KGW and KGO.

5:30 p.m. — Stirring strains of Massenet's "Parade Militaire" herald the opening of the Wrigley Review. Broadcast over KHQ, KOMO, KGW, KGO and KFI.

6:00 p.m. — Los Angeles Studio Program features the popular Los Caballeros Orchestra and Pose Gli, tenor. Broadcast over KGO and KHQ.

8:00 p.m. — Plantation Echoes is tentatively scheduled to be broadcast at this time. Broadcast over KHQ, KOMO, KGW, KGO.

8:30 p.m. — Half hour with Max Dolin and Charles H. Gabriel, Jr.

Broadcast over KHQ, KOMO, KGW and KFI.

9:30 p.m. — Music of ethereal loveliness will enchant those who tune in on the Moon Magic program. Broadcast over KHQ, KOMO, KGW and KGO.

**SATURDAY, DECEMBER 1**

7:00 p.m. — A tuneful review of Irish dance music is the feature of the Lesnoy Striko Hour. Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

8:30 p.m. — No details of the Philco Hour Program are available at this time. Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

9:00 p.m. — A radio dramatization of Mark Twain's "Huckleberry Finn," will be presented as a "Golden Legend." Broadcast over KHQ, KOMO, KGW, KGO.

10:00 p.m. — The Big Show features with novelty musical entertainment and humorously divertissement, will be presented for listeners tonight. Broadcast over KHQ, KOMO, KGW, KGO, KPO and KFI.

12 Sizes — WE. 2712
1929 Los Angeles St., L. A.
November 24 Radio Doings 43

Great Features Tell You Why

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Radio Doings

November 24

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

**KFI**

8:00 a.m.—Shell Harvey Time from KFI—Evening Edition.
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 Monday and Tuesday).

**ROBERT HURD**

**SUNDAY, NOVEMBER 25**

10:00 a.m.—Pacific States Banking & Loan Co., with Virginia Fohr, soprano; Robert Hurd, tenor.
1:30 p.m.—Margaret Ruth Kernen—Marcus Markson.
3:30 p.m.—Peer lesbian Reproducers Program—NBC.*
2:30 p.m.—Bethel Temple Young People;
3:30 p.m.—Musical Program—NBC.*
4:30 p.m.—Biblical Stories—NBC.*
5:00 p.m.—L. A. Church Federation program.
5:30 p.m.—Father Ricardo’s Sunspot Weather Forecast.
6:00 p.m.—Vesper Hour.
7:30 p.m.—NBC.*
8:00 p.m.—Packard Concert Orch., Pryor Moore, dir.
2:00 p.m.—Wilfred Butterworth, tenor—Ann McKeller.
2:30 p.m.—Bob Green, Bennie Hart & David Hoffman.
3:00 p.m.—L. A. Fire Dept. Orch.,
4:00 p.m.—Marie Van Praz, soprano.
4:30 p.m.—Ruby Berry, blues and ballads.
5:30 p.m.—Erwin-Wassey & Co., “Uncle Andy Claus.”
6:00 p.m.—E. H. Rust, Nurseman.
6:30 p.m.—Cornell Klein, banjo and song.
7:30 p.m.—RCA—NBC.*
8:00 p.m.—Shell Program—NBC.*
9:00 p.m.—Philharmonic Concerts.

**TUESDAY, NOVEMBER 27**

9:30 a.m.—Musical Program by Sylvia.
9:30 a.m.—Sylvia’s Happy Hour.
10:00 a.m.—George A. Spence’s Mag. of the Air; NBC.*
11:00 a.m.—Georgia O. Georgia.
2:00 p.m.—Dr. Eugene Brown’s Health Talks.
2:30 p.m.—Jack McQuire and Alice Goddard.
3:00 p.m.—Marie Lokchar, Sonatrola.
3:15 p.m.—D. B. Morgan, baritone.
3:30 p.m.—Peggy Warner, uke and song.
3:45 p.m.—Dr. Miller.
4:00 p.m.—Jeanette Warner.
4:15 p.m.—Katherine Lewis in piano and song.
4:30 p.m.—Jillian Gaddie and Harry Leach.
5:30 p.m.—Prof. Carl S. Knopf.
5:30 p.m.—Variety Hour.
7:00 p.m.—Nick Harris Detective Stories.
7:25 p.m.—Police Commissioner.
7:45 p.m.—Bridge Lesson by Mrs. June Snow.
8:00 p.m.—Everyday Hour—NBC.*
8:15 p.m.—American Malia Company—NBC.
8:30 p.m.—Packard Concert Orch.—Robert Hurd.

**WEDNESDAY, NOVEMBER 28**

10:00 a.m.—Betty Crocker, Wadhburn Crocker Co.
11:30 a.m.—NBC.*
11:15 a.m.—Hand Cream—NBC.*
11:30 a.m.—Standard Oil Co. Program.
12:25 p.m.—L. A. Police Dept.,
12:45 p.m.—Dr. buz Life—Current Books.
2:30 p.m.—Rambling Leatherhead.
2:45 p.m.—Betty June Selwyn, uke and song.
3:30 p.m.—Cliff Geary.
3:35 p.m.—Darrell and Merry.

**GILFILAN**

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Open Evenings

*See Page 42 for detailed program of National Broadcasting Company.

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DAILY EXCEPT SUNDAY

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

SUNDAY, NOVEMBER 25

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."
6:00 p.m. - Nightly Doings.
6:15 p.m. - Evening Musicale, First M. E. Church.
6:45 p.m. - World-Wide News, courtesy L. A. Times.
7:30 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 Quintette.
11:00 p.m. - KHJ Dance Orchestra.

MONDAY, NOVEMBER 26

10:00 a.m. - University of Southern California.
11:30 a.m. - Dr. Eugene Brown.
1:00 p.m. - Wetherby-Kayser Co. program.
3:00 p.m. - "Chasing the Blues."
4:00 p.m. - George M. Lord, Western Air Express.
4:30 p.m. - Mary Shaun Harrington, talk on "Problems of the Home."
5:00 p.m. - Pacific States Savings & Loan Co. program.
6:15 p.m. - Organ recital and vocalists.
8:00 p.m. - Sun Dodgers, with Charlie Wellman.
9:00 p.m. - Don Lee Symphony Orchestra.

TUESDAY, NOVEMBER 27

10:00 a.m. - University of Southern California.
11:15 a.m. - Dr. Eugene Brown, talk on "Health."
12:15 p.m. - L. A. Adr. Club luncheon from Biltmore.
1:30 p.m. - Myrohly program, with Charlie Wellman.
2:00 p.m. - U. S. C. Trojan Hour.
3:00 p.m. - Street and Highway Safety.
4:00 p.m. - Dr. Frank McCoy, health talk.
4:30 p.m. - Rabbi Edzar Magolin's Hour.
7:30 p.m. - Overall Furniture Co. playlet.
8:00 p.m. - Cadillac-LaSalle Concert Orchestra.
9:00 p.m. - Don Lee Symphony Orchestra.

WEDNESDAY, NOVEMBER 28

10:00 a.m. - University of Southern California.
2:00 p.m. - Dr. Eugene Brown, health talk.
3:30 p.m. - Fred C. McNabb, Garden talk.
7:00 p.m. - Liquorolod program, with Charlie Wellman.
8:00 p.m. - Pacific States Savings & Loan Co. program.
9:00 p.m. - Elvis Allman's Surprise Package.

THURSDAY, NOVEMBER 29

10:00 a.m. - University of Southern California.
11:30 a.m. - Studio program.
12:15 p.m. - Optimists' Club luncheon from Biltmore.
2:00 p.m. - Bureau of Public Safety.
2:30 p.m. - Dorothy Ellen Cole, "This and That."
4:00 p.m. - Dr. Philip M. Lovell, "Care of the Body."
4:30 p.m. - "Uncle Jerry," and "Trip Through Omland."
7:00 p.m. - Infield Park Cemetery Assn. and Daytime Director.
8:00 p.m. - Unser & Watson, Inc.
9:00 p.m. - Don Lee Symphony Orchestra.

FRIDAY, NOVEMBER 30

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.
3:00 a.m. - "Phila and That."
4:00 p.m. - Alice Allman's Surprise Package.
4:30 p.m. - "Cemetery of the Past.
4:30 p.m. - Los Angeles City Schools program.
5:00 p.m. - Council of International Relations.
7:00 p.m. - U. S. C. Trojan program.
7:30 p.m. - Myrohly 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 1

8:00 to 12:00 noon. - Don Lee Symphony.
2:00 p.m. - Football game from Univ. of So. Calif., courtesy Silverwood's.
7:00 p.m. - Bond Electric Corp. program.
7:30 p.m. - General Motors Co. program.
8:00 p.m. - Robert Wiltshere, The Radio Cartoonist.
9:00 p.m. - Don Lee Symphony.
12:00 midnight - The Merrymakers, with Charlie Wellman.

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**KNX**

**Hollywood, Calif.—1050 Kc.**

5000 Watts—285.5 Meters—Los Angeles Evening Express

Paramount-Lasky Studio, 5555 Marathon

"The Voice of Hollywood"

9:00 a.m.—Calmon Luboviski, master violinist; Claire Mellomino, pianist; Walter V. Fenner, 'cellist.

**MONDAY, NOVEMBER 25**

11:30 a.m.—Georgia O. George courtesy program.

4:30 p.m.—Perfect eyesight without glasses, by Dr. Wesley M. Barrett.

7:30 p.m.—Carthay Circle Theatre courtesy program.

7:30 p.m.—One-act play, directed by Georgia Fisfield, courtesy Overall's Furniture Co.

8:30 p.m.—Fitzgerald Music Co. courtesy program.

9:30 p.m.—Feature program.

**TUESDAY, NOVEMBER 26**

11:30 a.m.—French lessons, by Edgard Leon.

2:30 p.m.—Musical program.

4:30 p.m.—Garden talk by Dewey R. Kruckenberg, through courtesy of Theodore Payne Nurseries.

4:15 p.m.—Ricardo, the psychic prince.

7:30 p.m.—Talk on popular sedence, by Dr. Mars Baumgardt.

7:30 p.m.—Feature program.

8:30 p.m.—"Jim and His Mule Hercules."

9:00 p.m.—Feature program.

**WEDNESDAY, NOVEMBER 27**

4:30 p.m.—Perfect eyesight without glasses, by Dr. Wesley M. Barrett.

6:30 p.m.—Players' Club, conducted by Wedgwood Nowell.

7:30 p.m.—Maytag Company courtesy program.

7:30 p.m.—Feature program.

8:30 p.m.—Brown-Israel Company courtesy program.

8:30 p.m.—Great Moments in Biscuitry, courtesy Los Cabin Bread Co.

9:30 p.m.—Feature program.

**THURSDAY, NOVEMBER 28**

11:30 a.m.—French lessons, by Edgard Leon.

2:30 p.m.—Paul Hugon.

4:00 p.m.—Louise Johnson, reading horoscopes.

7:30 p.m.—Feature program.

7:30 p.m.—Imperial Gas Co. of Long Beach, courtesy program.

8:30 p.m.—Platt Personality program.

9:00 p.m.—Feature program.

**FRIDAY, NOVEMBER 29**

2:30 p.m.—L. A. Dist. Federation of Women's Clubs.

4:30 p.m.—Perfect eyesight without glasses, by Dr. Wesley M. Barrett.

4:30 p.m.—Ricardo, the psychic prince.

7:30 p.m.—Feature program.

7:30 p.m.—New York Hat Store, presenting the Hot Box Review.

8:30 p.m.—Regal Order of Optimistic Do-Nuts.

9:30 p.m.—Gilmore Oil Company, presenting the Lion Tamers' program.

9:45 p.m.—Main event from the Hollywood Legion Stadium, through the courtesy of Dan Parker, the Tallier.

**SATURDAY, DECEMBER 1**

10:30 a.m.—Beauty talks, courtesy of Madame Marie.

1:30 p.m.—C. P. R.'s musical program.

2:30 p.m.—Broadcasting the football game from the Coliseum, courtesy Union Oil Co.

6:00 p.m.—Players' Club, conducted by Wedgwood Nowell.

7:30 p.m.—A Half Hour of Mystery.

8:00 p.m.—Announcement of the services of the leading L. A. churches.

8:05 p.m.—Feature program.

9:30 p.m.—M. and Mrs. Radio Skit.

9:30 p.m.—Feature program.

1:00 a.m.—The Midnight Express.
November 24 Radio Doings

MAGNAVOX "Dynamic" SPEAKERS

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KNIGHTS ON THE AIR
Bob Olsen, KFRC
The essential features of these programs are identical with those sent by the stations. By order of the Federal Radio Commission, KMTR and KPLA must share time.

**KMTR**

**Hollywood, Calif. — 570 Kc.**

500 WATTS — 5250 METERS

KMTR RADIO STATION, 1028 W. Highland Ave. Holly 3026
The Official Broadcasting Station of the Los Angeles Evening Herald.

Gerald G. Staley
Business Manager

Dean Metcalf
Publicity

Forbes Van Why
Chief Engineer

Loren Powell
Program and Musical Director

Leslie Adams
Chief Announcer

**SUNDAY, NOVEMBER 25**

**8:30 a.m.** — The New Idea Man's Wholesome Food Breakfast Club.

**9:30 a.m.** — Musical journey with the New Ideas Man, through courtesy of John Wright, Right Taylor.

**12:30 noon.** — Terpeseone courtesy program.

**6:30 p.m.** — Majestic Radio program from New York City over the Columbia Network featuring the "Two Black Crows" and Arnold Johnson's Dance Orchestra.

**7:00 p.m.** — Loren Powell's Little Symphony and assisting artists.

**MONDAY, NOVEMBER 26**

**1:30 p.m.** — Evening Herald news bulletins.

**1:30 p.m.** — KMTR Radio Press Agent program.

**2:15 p.m.** — KMTR Spanish program, announced by Sonorita Luisa Lujan.

**7:00 p.m.** — Loren Powell's Little Symphony and assisting artists.

**7:30 p.m.** — Los Angeles Realty Board courtesy program.

**8:00 p.m.** — Loren Powell's Little Symphony and assisting artists.

**9:00 p.m.** — Kelley Kar Company popular program.

**TUESDAY, NOVEMBER 27**

**8:42 a.m.** — Terpeseone courtesy program.

**1:30 p.m.** — KMTR Radio Press Agent Hour.

**2:00 p.m.** — Terpeseone courtesy program.

**2:30 p.m.** — KMTR Spanish program, announced by Sonorita Luisa Lujan.

**6:00 p.m.** — Terpeseone courtesy program.

**7:00 p.m.** — Terpeseone courtesy program.

**KPLA**

**Los Angeles, Calif. — 570 Kc.**

500 WATTS — 5250 METERS

Commercial Exchange Building, Eighth and Olive Streets

Official Station of The Los Angeles Examiner

Phone Trinity 3202

A. McDonald
Manager

Allan Fairchild
Announces

Billy Barron
Program Manager and Director of Popular Program

Maebelle Leslie
Director of Concert Orchestra

G. M. Sprague
Director of Transmission

**DAILY EXCEPT SUNDAY**

**9:15 a.m. to 10:00 a.m.** — Band.

**11:00 a.m. to 1:00 p.m.** — Classified Ads.

**12:30 noon — Recordlinks.**

**3:00 p.m.** — Household Shopping, Financial.

**4:00 to 6:00 p.m.** — KPLA Dance Orchestra, soloists.

**10:30 to 11:00 a.m.** — KPLA Dance Orchestra, soloists.

**SUNDAY, NOVEMBER 25**

**8:00 to 7:00 p.m.** — Two Black Crows, featured over the Columbia Network.

**9:30 to 10:00 p.m.** — KPLA Dance Orchestra.

**10:00 to 11:00 p.m.** — Edna McKeel, Wint Cotton.

**11:00 to 12:00 p.m.** — Peggy LaSorec, Teddy Marrell.

**MONDAY, NOVEMBER 26**

**10:00 to 10:30 a.m.** — Prudence Penny.

**WEDNESDAY, NOVEMBER 28**

**1:30 p.m.** — KMTR Radio Press Agent Hour.

**2:30 p.m.** — Garden talk by Opal Scarborough, through the courtesy of Gerald's Seed and Plant Company.

**2:15 p.m.** — KPLA Spanish program, announced by Sonorita Luisa Lujan.

**7:00 p.m.** — Evening Herald news bulletins.

**7:15 p.m.** — Loren Powell's Little Symphony and assisting artists.

**9:00 p.m.** — Kelley Kar Company courtesy program of light operatic selections.

**THURSDAY, NOVEMBER 29**

**2:00 p.m.** — Terpeseone courtesy program.

**7:30 p.m.** — Santa Claus on the Air, through the courtesy of the May Company.

**7:30 p.m.** — Loren Powell's Little Symphony and assisting artists.

**9:00 p.m.** — Kelley Kar Company courtesy program of popular music.

**FRIDAY, NOVEMBER 30**

**8:45 a.m.** — George O. George courtesy program.

**1:30 p.m.** — KMTR Radio Press Agent program.

**2:00 p.m.** — Timely Topics, featuring amusement and cafe announcements.

**2:15 p.m.** — KPLA Spanish program, announced by Sonorita Luisa Lujan.

**7:45 p.m.** — Evening Herald news bulletins.

**8:30 p.m.** — Ralph Hamlin courtesy program, featuring Loren Powell's Little Symphony and assisting artists.

**9:00 p.m.** — John Wright, the Right Taylor, popular program.

**SATURDAY, DECEMBER 1**

**7:45 p.m.** — Evening Herald news bulletins.

**8:30 p.m.** — Kelley Kar Company courtesy program.

**9:00 p.m.** — Kelley Kar Company popular program.
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WHEN you WANT IT

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MODEL 85
A distinctively designed console of 5-ply selected Burl walnut housing the eight tube set. Curly maple trimmings, turned legs. A-C all electric set. Hand rubbed piano finish.

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ALHAMBRA
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Demonstrations In Evenings By Appointment
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.

KFWB

Hollywood, Calif.—950 Kc.

1000 WATTS—515.6 METERS

WARNER BROS. MOTION PICTURE STUDIOS

Warner Brothers’ Theater, 6425 Hollywood Boulevard

6:00 p.m.—Beverlina All-Tread Orchestra and entertainers.

9:00 p.m.—KFWB Concert Orchestra; Thos. Ferguson.

TUESDAY, NOVEMBER 27

7:30 p.m.—Will Hardy, entertainer.

8:30 p.m.—Crosley Hour, presenting the Crosley Review.

8:30 p.m.—Ann Greer, popular songs; The Serenaders.

9:00 p.m.—Edgeworth Club Program.

9:20 p.m.—Blow by blow description of the Olympic Auditorium Boxing Bout.

10:30 p.m.—Roy Fox’s Orchestra, from the Montmartre Cafe.

11:30 p.m.—Time Timely Topics.

WEDNESDAY, NOVEMBER 28

1:15 p.m.—Roy Fox’s Orchestra from the Montmartre Cafe.

7:00 p.m.—Kolster Orchestra, by courtesy of the John G. Rapp.

7:30 a.m.—L. A. Police Quartet: traffic announcements by Officer Kilgroe of the Bureau of Public Safety.

8:00 p.m.—Xaver Cugat and his Gigolos; Carmen Castillo, soprano, in “Memories of Early California.”

9:30 p.m.—Charles Beauchamp, tenor, and their Concert Orchestra.

THURSDAY, NOVEMBER 29

7:30 p.m.—Will Hardy, entertainer.

8:30 p.m.—Flying Cloud Program, presenting the crew of the Flying Cloud.

8:50 p.m.—Program by courtesy of the Radio News Magazine, owners of Station WNYN, New York.

9:00 p.m.—Federal Radio Orchestra; Vernon Richard, tenor.

FRIDAY, NOVEMBER 30

1:15 p.m.—Roy Fox’s Orchestra from the Montmartre Cafe.

7:30 p.m.—Gene Leonard, “Wizard of the Trojans.”

8:00 p.m.—Sam Kalai’s Hawaiian Quartet: Esther White and Lucky Wilbur in harmony numbers.

9:30 p.m.—Don Warner’s Quintet and Anne Grey.

9:30 p.m.—Vincenzo Pomelli’s Concert Orchestra: Tamaro Shavrova, soprano.

SATURDAY, DECEMBER 1

10:45 a.m.—Eastern football game.

2:00 p.m.—Air Journal.

7:30 p.m.—Program in honor of the Illustrated Daily News.

8:30 p.m.—MonA Motor Oilers; Vernon Richard, tenor.

9:30 p.m.—Novelty Program.

10:30 p.m.—Roy Fox’s Orchestra from the Montmartre Cafe.
The Table Model, on the left, is simplicity itself! Neat—clean-cut—most compact of all. A cabinet of Tanguile, the most beautiful of all Philippine woods, richly finished in Duco. A six-tube tuned radio frequency receiver using A.C. tubes. Illuminated single-dial control, switch and antenna compensator—all grouped within the beautiful antique finished bronze escutcheon plate.

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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, KNRC and KELW must share time.

**KNRC**
Santa Monica, Cal.—780 Kc.

**Municipal Auditorium, Ocean Park, Santa Monica, Calif.**
**Los Angeles Studio:** Eika Temple S6—Dunlirk 5154
Pickwick Broadcasting Corporation
Clarence B. Juego, Chief Transmission Engineer
Harry D. Mills, Chief Structural Engineer

8:00 p.m.—Air Theater Varieties.
9:00 p.m.—Ship Cafe.
10:00 p.m.—Plantation Cafe Frolie; Henry Halestead’s Victor Record Orchestra.

**MONTDAY, NOVEMBER 26**
1:00 to 4:00 a.m.—Pickwick Night Coach program.
3:30 p.m.—Studio Specialities.
3:30 p.m.—Berlitz Method Spanish Lesson.
9:00 p.m.—Gilmore Hour; Blue-Green Gas Boys; Loyce Whiteman, blues singer; Hal Hooper, ballads.

**TUesDAY, NOVEMBER 27**
1:00 to 4:00 a.m.—Pickwick Night Coach program.
3:20 p.m.—Ann Martin, Home Economics Expert.
3:30 p.m.—A Slasta Program: Elka’s Mighty Orzan: William Sabransky, organist.
9:00 p.m.—Gilmore Hour; Blue-Green Gas Boys; Loyce Whiteman, blues; Hale Hooper, ballads.

**WEDNESDAY, NOVEMBER 28**
1:00 to 4:00 a.m.—Pickwick Night Coach program.
3:20 p.m.—Berlitz Method Spanish Lesson.
9:00 p.m.—Gilmore Hour; Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman.

**THURSDAY, NOVEMBER 29**
1:00 to 4:00 a.m.—Pickwick Night Coach program.
3:20 p.m.—Ann Martin, Home Economics Expert.
9:00 p.m.—Gilmore Hour; Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman.

**FRIDAY, NOVEMBER 30**
1:00 to 4:00 a.m.—Pickwick Night Coach program.
3:30 p.m.—Berlitz Method Spanish Lesson.

**SATURDAY, DECEMBER 1**
1:00 to 4:00 a.m.—Pickwick Night Coach program.
9:00 p.m.—Gilmore Hour; Blue-Green Gas Boys; Hale Hooper, ballads; Loyce Whiteman.

---

**KELW**
Burbank, Calif.—780 Kc.

**MAGNOLIA PARK. 500 WATTS—384.4 METERS**

**The White Spot of the San Fernando Valley**

**Earl L. White, Owner**
Mr. H. W. Cota
Business Manager
Stuart F. Wainwright
Technical Engineer
Phone Burbank 1192

**DAILY EXCEPT SUNDAY**

10:00 a.m.—Audrey Evans, featuring Frank Jocelyn.
11:00 a.m.—World News and Panorama.
6:00 p.m.—Twilight Club Entertainers.

**SUNDAY, NOVEMBER 25**
10:45 a.m.—First Baptist Church, Glendale, by remote control.
7:15 p.m.—First Baptist Church, Glendale, by remote control.

**MONDAY, NOVEMBER 26**
5:00 p.m.—California String Quartet.
7:00 p.m.—Burbank Merchants Hour, Valley Harmony Quartet.

**TUESDAY, NOVEMBER 27**
5:00 p.m.—California String Quartet.
7:00 p.m.—Magnolia Park Trio; Lucy Day, soprano.

**WALTER BIDDICK—Phone WEstmore 9137**

“*A Complete Radio Program and Announcement Service*”

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**KMIC**

**Inglewood, Calif.—1120 Kc.**

Tel. TH. 1121

owed and Operated by

James R. Fosch

Little Eddie Barnes

Studio Director and

Program Manager

Mildred Jean

News Announcer

Chieft Technician

NEWS BULLETIN

HOURLY

**DAILY EXCEPT SUNDAY**

9:00 a.m. — Little Eddie Barnes Frolic.
9:00 a.m. — Popular Request Prog. (ex. Fri. & Sat.).
9:30 a.m. — Dad's Scotch Recordings (ex. Fri. & Sat.).
9:45 a.m. — Little's Locking Points.
12:00 noon — Marie Hocking, organist; Mildred Jean, soloist.
5:00 p.m. — Columbia Dance and Symphony Recordings.
6:00 p.m. — Popular organ; requests.

**MONDAY, NOVEMBER 25**

1:30 p.m. — Mabel of the Air.
1:30 p.m. — Recordings.
4:15 p.m. — Attorney S. S. Hahn.
7:00 p.m. — Louise Moody, violinst; Mabel Fray, contralto.

**TUESDAY, NOVEMBER 26**

7:30 p.m. — Southern California Music Co., presenting Marguerite LeGrande.
8:00 p.m. — Colonial Five Orchestra.
8:30 p.m. — Nell Darcy, baritone; Bob Oswald.
9:30 p.m. — Virginia McCoy, contralto; Chas. Beaucamp, tenor.

**WEDNESDAY, NOVEMBER 27**

1:00 p.m. — Recordings.
1:30 p.m. — Mabel of the Air.
6:45 p.m. — John S. Mand.
7:00 p.m. — Cezellean Trio—Eddie Baula, tenor.
7:30 p.m. — Majestic Strings Trio—Eva Barnes, soprano.
8:00 p.m. — Hirdie & Seekers Orchestra—Franklin Simms, baritone.
8:30 p.m. — Clark Sisters, Harmony.
9:00 p.m. — Shubert Concert Trio.
9:30 p.m. — Gladys Gordon, coloratura soprano.

**THURSDAY, NOVEMBER 28**

1:00 p.m. — Recordings.
1:30 p.m. — Mabel of the Air.
7:30 p.m. — International Instrumental Ensemble—John Dixon, baritone. Sign off for KFSG, Angelus Temple.

**FRIDAY, NOVEMBER 29**

9:00 a.m. — Lou Hilliker, silver-voiced saxophonist.
1:00 p.m. — Mabel of the Air.
6:45 p.m. — Cactus Mfr. Co. Program.
7:00 p.m. — L. A. Police Quartette.
7:30 p.m. — Southern California Music Co., presenting Arthur and Nan Faxell.
8:30 p.m. — G. S. C. Trojan Orchestra.
8:30 p.m. — Clark Sisters, Harmony Duo.
9:00 p.m. — Mary Macy Ball, Concert Quartette.
9:30 p.m. — Mabel Fay, contralto; Glenn Pierce, tenor.

**SATURDAY, DECEMBER 1**

3:00 a.m. — Lou Hillicker, popular pianist.
1:00 p.m. — Mabel of the Air.
4:45 p.m. — Cactus Mfr. Co. Program.
7:00 p.m. — Ruth Marshall-Patterson Ensemble.
8:00 p.m. — Sign off for KFSG, Angelus Temple.

**KFQZ**

**Los Angeles, Calif.—850 Kc.**

1417 S. Figueroa St., Los Angeles, Calif. WEstmore 3001.

Walter King, Gen. Mgr.

L. E. Taft, Studio Mgr.

Bob Swan, Announcer

Al Calai, Studio Asst.

Monroe Manning,

Business Manager

Pearl Bestman

Program Director

**BOB SWAN**

**DAILY EXCEPT SUNDAY**

7:00 a.m. — Breakfast program.
10:00 a.m. — Panatrope and shopping news.
12:00 noon — Studio program.
1:00 p.m. — Panatrope and shopping news.
5:00 p.m. — Dinner program.
6:30 p.m. — Panatrope, except Mon., Wed. and Fri.
10:00 p.m. — Courtesy program.
11:00 p.m. — Panatrope.

**SUNDAY, NOVEMBER 25**

8:00 p.m. — Murray's program.
8:30 a.m. — Courtesy programs.
12:00 noon — Panatrope request.
5:00 p.m. — Dinner program.
9:00 p.m. — Barrow's Majestic hour.
7:00 a.m. — Varied studio program.
8:00 p.m. — Harmony Trio; soloist.
9:00 p.m. — Dolly McDonald; Melody Crooners; Jack Roberts.
10:00 p.m. — Clinton Dimnick; Majestic Trio.
11:00 p.m. — Hawaiian Trio.
6:30 p.m. — Hawaiian Trio.

**MONDAY, NOVEMBER 26**

7:30 p.m. — Bob's Musical Boys; Harry Lamont.
8:30 p.m. — Ann Warren.
9:30 p.m. — Hagensch, pianist; Edith Isabel; Ralph Moore.

**WEDNESDAY, NOVEMBER 28**

6:30 p.m. — KFQZ Hawaiian Trio.
7:30 p.m. — Sammy Koren; Marie Winger.
8:30 p.m. — Ann Warren.
9:00 p.m. — Le Roy Parry and his orchestra.

**THURSDAY, NOVEMBER 29**

7:30 p.m. — Howard Jones (Whispering Tenor); Inez Ingram.
8:30 p.m. — Meta Marbury.
9:00 p.m. — Novelty Synagogists; Olliver Pellerin; Clarice Russell.
10:30 p.m. — Auditions.

**FRIDAY, NOVEMBER 30**

6:30 p.m. — Hawaiian Trio.
7:30 p.m. — Sammy Koren; Marie Winger.
8:30 p.m. — James Monte; Ruth Kornan.
9:00 p.m. — Lou Bickel and his orchestra; Ralph Moore; Edith Isabel.
10:30 p.m. — Orchestra.

**SATURDAY, DECEMBER 1**

7:30 p.m. — Inez Ingram; Melody Sweethearts.
8:30 p.m. — Al Calai piano request.
9:00 p.m. — Margaret Thorpe; Les Mansfield; Alberta and Virginia Farmer.
ATLAS
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**Duke Hancock**

**Assistant Manager**
Thelma Kirchner

**Program Director**
Larry Snell

**Announcer**
Chas. Whitney

**Chief Technician**
H. Trask Brusk

**Night Owl**

**Phones**
W estmore 7777

W estmore 7778

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**DAILY EXCEPT SUNDAY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>12:00 a.m.</td>
<td>Nite Owl program.</td>
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<tr>
<td>7:00 a.m.</td>
<td>Breakfast program.</td>
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<tr>
<td>7:45 a.m.</td>
<td>Dave Ward, the Office Boy.</td>
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<tr>
<td>8:00 a.m.</td>
<td>Gordon Smith's Radiolisting Service; Dr. Cook's Health Talk.</td>
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<tr>
<td>9:00 a.m.</td>
<td>Adele Millar Beauty Talk.</td>
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<tr>
<td>10:00 a.m.</td>
<td>Airline Radio Service.</td>
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<tr>
<td>12:00 noon.</td>
<td>Your Favorite Request Hour.</td>
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<tr>
<td>12:45 p.m.</td>
<td>Studio program.</td>
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<tr>
<td>5:00 p.m.</td>
<td>Dick Moler's Orchestra.</td>
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<tr>
<td>7:00 p.m.</td>
<td>Gordon Smith's Radiolisting Service.</td>
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<tr>
<td>8:00 p.m.</td>
<td>Rae Silverman and Esther Kahm, blues.</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Maurice Menge and his El Patio Orchestra by remote control from El Patio Ballroom.</td>
</tr>
</tbody>
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**SUNDAY, NOVEMBER 25**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>12:00 a.m.</td>
<td>Nite Owl program.</td>
</tr>
<tr>
<td>7:00 a.m.</td>
<td>John Wright program; KMTR re-broadcast.</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Southlanders Orchestra; Charlie Cole, tenor.</td>
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<tr>
<td>12:00 noon.</td>
<td>Hotel Alexandra Concert Trio.</td>
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<tr>
<td>1:30 p.m.</td>
<td>Honolulu Three Hawaiian Trio; Gladys Parish, blues singer.</td>
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<tr>
<td>3:30 p.m.</td>
<td>Sunday Afternoon Follies.</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>Studio program.</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Recordings.</td>
</tr>
</tbody>
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**MONDAY, NOVEMBER 26**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 a.m.</td>
<td>Ralph Wark, tenor; Renee Fuller, violinist.</td>
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<tr>
<td>11:30 a.m.</td>
<td>Rocky Bernard.</td>
</tr>
<tr>
<td>12:00 noon.</td>
<td>Rae Silverman, blues singer.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Bureau of Public Safety; L. A. Police Quartet.</td>
</tr>
</tbody>
</table>

### Pomona, Calif. 1200 Kc.

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**Esther Kahm at the Piano**

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James R. Fesch

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**Manager**
Roy Adams

**Announcer**
Ruth Baldwin

**Studio and Program Manager**

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**DAILY EXCEPT SUNDAY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>11:30 a.m.</td>
<td>Merchants Air Service.</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>Merchants Air Service.</td>
</tr>
<tr>
<td>8:15 p.m.</td>
<td>Weather Reports.</td>
</tr>
<tr>
<td>8:25 p.m.</td>
<td>J. S. Rasmussen, L. A. Fullor.</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Borson's Ready-to-Wear, 510 W. 7th St., Los Angeles.</td>
</tr>
<tr>
<td>8:45 p.m.</td>
<td>The Big Stores, recordings.</td>
</tr>
</tbody>
</table>

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**SUNDAY, NOVEMBER 18**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:25 a.m.</td>
<td>First Christian Church, Rev. Hutslar.</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>First M. E. Church, Rev. Reynolds.</td>
</tr>
</tbody>
</table>
TRULY A MODERN A.C. RADIO

The

POWELL

MODEL 10

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$42.50

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order of the Federal Radio Commission, KFON and KEJK must share time.

**KFON**

Long Beach, Cal.—1250 Kc.

"Where Your Ship Comes in"

1000 WATTS—239.9 METERS—HANCOCK OIL STATION

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 p. m.</td>
<td>Long Beach Municipal Band Concert</td>
</tr>
<tr>
<td>4:50 p. m.</td>
<td>Latest, popular record releases</td>
</tr>
<tr>
<td>5:30 p. m.</td>
<td>Radio Church of the Air</td>
</tr>
<tr>
<td>7:00 p. m.</td>
<td>Chrysler program from Main Studio</td>
</tr>
<tr>
<td>7:45 p. m.</td>
<td>First Church of Christ, Scientists</td>
</tr>
<tr>
<td>11:50 p. m.</td>
<td>Studio Frolic</td>
</tr>
<tr>
<td>12:00 midnight</td>
<td>Egyptian Tom Cat.</td>
</tr>
</tbody>
</table>

**MONDAY, NOVEMBER 25**

7:00 p. m.—Sydham's Buttercream School
8:30 p. m.—Goodyear Quartet and entertainers.
11:30 p. m.—Chrysler program, Pac. Coast Club Orch.

**TUESDAY, NOVEMBER 26**

1:00 p. m.—Kiwani Club Luncheon.
6:45 p. m.—Dr. Robt. T. Williams, tubercular specialist
7:30 p. m.—Musical program.
11:30 p. m.—Musical program from Main Studio.

**WEDNESDAY, NOVEMBER 27**

1:30 p. m.—Rotary Club Luncheon.
7:30 p. m.—Chrysler program.
8:30 p. m.—Long Beach Municipal Band.
11:00 p. m.—Pacific Coast Club Orchestra.

**THURSDAY, NOVEMBER 28**

1:30 p. m.—"Health and Efficiency," Dr. Clarke.
7:30 p. m.—Angels Abbey program.
8:30 p. m.—Chrysler program.
8:30 p. m.—Long Beach Municipal Band.
11:00 p. m.—Pacific Coast Club Orchestra.

**FRIDAY, NOVEMBER 29**

1:30 p. m.—Masonic Club Luncheon.
7:30 p. m.—"Em and Clem."
7:30 p. m.—Chrysler program, Pac. Coast Club Orch.
8:30 p. m.—Fireside Hour: Clarence Crary, soloist.
11:00 p. m.—Pacific Coast Club Orchestra.

**SATURDAY, DECEMBER 1**

7:30 p. m.—Chrysler program, Pac. Coast Club Orch.
8:30 p. m.—Long Beach Municipal Band.
11:30 p. m.—Pacific Coast Club Orchestra.

**KEJK**

Beverly Hills, Cal.—1250 Kc.

500 WATTS—239.9 METERS

Operated by Macmillan Petroleum Co.

Home Beautiful Exhibit Bids.

2:30 p. m. to 4:00 p. m.—Variety Matinee, with Edw. Jordon, tenor; Tudor William, baritone; Helen Fraser Macmillan piano; Mildred Ware, contralto; Macmillan Orchestra.

9:08 p. m.—Studio concert, Macmillan Concert Orchestra, KEJK Trio, and KEJK Girls (except Tuesday and Friday).

12:00 midnight.—Request program (on Thurs.).

**TUESDAY, NOVEMBER 26**

9:30 p. m.—Jean Campbell Macmillan Short Stories, musically illustrated.

**FRIDAY, NOVEMBER 29**

9:30 p. m.—Jean Campbell Macmillan continuity.

**SATURDAY, DECEMBER 1**

9:30 p. m.—Jean Campbell Macmillan continuity.

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Chief Engineer

JOHN A. GLASSE

HARVEY BREWSTER
Announcer

C. MERWIN DOBYNS
Owner and Director

DAILY EXCEPT SUNDAY

8:30 a.m.—Devotional Period.
8:45 a.m.—Staff Artist.
9:00 a.m.—Morning Prolific.
10:00 a.m.—How to Be Beautiful.
11:15 a.m.—General Trio.
11:30 a.m.—Imperial Theater Organ, Roy Metcalfe (except Thursday).
12:00 noon—Your favorite popular number.
1:15 p.m.—Long Beach Municipal Band Concert (except Monday).
5:00 p.m.—Children’s Program.
7:30 p.m.—Long Beach Municipal Band Concert (except Monday).
10:00 p.m.—Majestic Ballroom Orchestra.
11:00 p.m.—Four Horsemen from Dobyns Footwear.

SUNDAY, NOVEMBER 24

9:30 a.m.—Taubman Men’s Bible Class.
10:45 a.m.—Music.
11:00 a.m.—First United Presbyterian Church Services.
1:30 p.m.—Hawaiian Trio.
2:00 p.m.—Music from Adult Dept. of City Schools.
2:30 p.m.—Long Beach Municipal Band Concert.
4:00 p.m.—Ruby Wise Sargent.
4:30 p.m.—Studio Program.
5:00 p.m.—Carlton Wood Ensemble.
6:00 p.m.—Popular Program.
7:00 p.m.—Sunday Night Prolific.

MONDAY, NOVEMBER 25

1:00 a.m.—Exchange Club Program
1:30 p.m.—Four Horsemen from Dobyns Footwear.
2:30 p.m.—Lunas String Trio.

KTBI

Los Angeles, Calif. — 1300 Kc.

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HARRY P. HERDMAN, Announcer. Phone ME. 6701

JOHN A. GLASSE. Director of Programs

GORDON E. HOOKER, Accompanist

DAILY EXCEPT SATURDAY AND SUNDAY

8:00 a.m.—Uncle Fred’s Bible 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.

SUNDAY, NOVEMBER 24

6:00 p.m.—Studio vespers services; Dr. Ralph Atkinson.
8:00 p.m.—Church of the Open Door
9:00 p.m.—Old Hymns Hour.

MONDAY, NOVEMBER 25

8:45 a.m.—Home-Folk’s Request Hour.
10:35 a.m.—Doctrinal lecture; Prof. Alva J. McClain.
11:30 a.m.—Katie Yee Carlson reader.
1:00 p.m.—Ames Bridge and Melba Sawyer.
1:15 p.m.—Faculty Music Hour.
2:20 p.m.—Rev. Morris Peterson.
3:00 p.m.—Young People’s Societies.
5:00 p.m.—Selected programs.
7:15 p.m.—Evening School lecture; Rev. W. H. Pliek.
9:00 p.m.—Studio Medial Hour.

TUESDAY, NOVEMBER 26

8:45 a.m.—Selected programs.
10:35 a.m.—Christian Philosophy; Dean MacInnis.
11:30 a.m.—Dr. W. E. Edmonds.
1:00 p.m.—Winfred Kopp, contralto.
1:15 p.m.—King’s Business Question Box.

2:00 p.m.—Dr. Fred Hazin

WEDNESDAY, NOVEMBER 27

9:45 a.m.—Christian Psychology; Dean MacInnis.
10:35 a.m.—Doctrinal lecture; Prof. Alva J. McClain.
1:00 p.m.—Jack Wells and Roy Clark.
1:30 p.m.—Rev. Earl Webster Haney.
2:30 p.m.—Rev. A. V. Kimmel.

THURSDAY, NOVEMBER 28

9:45 a.m.—News of Christian Work; Dr. H. W. Boyd.
10:35 a.m.—Christian Philosophy; Dean MacInnis.
11:30 a.m.—Special music.

FRIDAY, NOVEMBER 29

9:45 a.m.—New Testament Word Studies
10:35 a.m.—Dr. G. Campbell Morgan.
11:30 a.m.—Special music.
2:00 p.m.—Hazel Shiveley and Gordon Hooker.
3:00 p.m.—Inspirational Message and Music.
2:00 p.m.—Visiting Pastors; Radio Ministry.
7:00 p.m.—International Sunday School Lesson.
8:00 p.m.—Dr. G. Campbell Morgan.
9:15 p.m.—Church Loyalty Crusade.

SATURDAY, DECEMBER 1

7:30 p.m.—Jewish service; Rev. D. L. Cooper.
7:30 p.m.—Selected features.
9:30 p.m.—Organ recital by Erma Parker.
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**KDFSD**

**San Diego, Calif. — 600 Kc.**

```
1000 WATTS—499.7 METERS
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Telephone Main 6661

TUESDAY, NOVEMBER 27
6:00 p.m. — Dinner concert program.
7:30 p.m. — Valenta Park program.
7:30 p.m. — Studio program.
8:15 p.m. — Southern Title & Trust program.
10:30 p.m. — Jimmie Kerr’s Orchestra.
11:00 p.m. — Plata Real Orchestra.

WEDNESDAY, NOVEMBER 28
6:00 p.m. — KFSD Concert Trio, Leonard Brill, director.
7:30 p.m. — Studio program.
7:30 p.m. — Theosophical Concert hour.
8:15 p.m. — Studio program.
9:00 p.m. — State College hour.
10:00 p.m. — Hotel Del Coronado Casino Orchestra.
11:00 p.m. — Bob Larson’s Orchestra.

THURSDAY, NOVEMBER 29
6:00 p.m. — Urbaner’s Maklin Co. Trio.
7:30 p.m. — San Diego Police Department program.
8:00 p.m. — Unitarian Church program.
9:15 p.m. — Feature program.
10:00 p.m. — Jimmie Kerr’s Orchestra.
11:00 p.m. — Plata Real Orchestra.

FRIDAY, NOVEMBER 30
6:00 p.m. — Motor Idw. & Louis, hour.
7:30 p.m. — Thespie Music Co. hour.
8:30 p.m. — Studio program.
10:00 p.m. — Kerr’s Orchestra.

SATURDAY, DECEMBER 1
6:00 p.m. — San Diego Union and Tribune hour.
7:00 p.m. — Children’s hour.
8:00 p.m. — Studio program.
9:00 p.m. — Pantages hour.
10:00 p.m. — Hotel Del Coronado Casino Orchestra.
11:00 p.m. — Plata Real Orchestra.
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**KFVD**

**Culver City, Calif. — 700 Kc.**

```
250 WATTS—428.3 METERS
The Official Station of the Radio Distributing Company
Operated by the Culver City Broadcast Company

MONDAY, NOVEMBER 26
10:00 a.m. — Home Economics.
10:45 a.m. — Talk on latest books.
12:30 p.m. — Male Quartette.
1:00 p.m. — Studio Program.

TUESDAY, NOVEMBER 27
3:00 p.m. — String Ensemble.

WEDNESDAY, NOVEMBER 28
3:00 p.m. — String Quartette.
10:00 p.m. — One-act Play.
11:00 p.m. — Studio Program.

THURSDAY, NOVEMBER 29
10:00 a.m. — Home Economics.
10:45 p.m. — Talk on latest books.
12:30 p.m. — Male Quartette.
1:00 p.m. — Studio Program.

FRIDAY, NOVEMBER 30
3:00 p.m. — String Quartette.

SATURDAY, DECEMBER 1
10:00 a.m. — Pop-eyed Club.
```
MAGNAVOX "Dynamic" SPEAKERS

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beautiful burl walnut cabinet finished in two tones.
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For AC Operation $70

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with power volume.

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Radio Doings

San Francisco, Calif.—710 Kc.

KPO

San Francisco, Calif.—710 Kc.

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

WEDNESDAY, NOVEMBER 28
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 and Property Owners Association.
7:00 p.m.—Tommy Munroe and Bob Allen.
7:30 p.m.—NBC.*
8:30 p.m.—Studio program.
9:30 p.m.—NBC.*
10:30 p.m.—Gordon Henderson's Palm Court Dance Band.
11:00 p.m.—NBC.*

THURSDAY, NOVEMBER 29
10:00 a.m.—Annabelle Lee, for Langendorf Baking Co.
11:30 a.m.—NBC.*
12:30 p.m.—Shining luncheon.
2:30 p.m.—St. Mary's vs. Santa Clara football game at Kegar Stadium.
5:30 p.m.—Evelyn Trent, in World Topics on the Air.
7:00 p.m.—Federal Business Talks.
7:15 p.m.—Spots-on-the-Air by Harry Smith of the Chronicle.
7:30 p.m.—Tommy Munroe and Bob Allen.
8:30 p.m.—Callow Hour.
8:30 p.m.—Nathan Abas violin recital.
9:30 p.m.—Maurice Gumsky.
9:30 p.m.—NBC.*
FRIDAY, NOVEMBER 30
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.
3:30 p.m.—Afternoon Trio for the Garage and Property Owners Association.
7:30 p.m.—Emassy Theatre concert.
7:30 p.m.—Tommy Munroe and Bob Allen, for Lloyd K. Hilmann.
8:30 p.m.—NBC.*
8:30 p.m.—Merton Borles and the Mission Sparklers.
9:00 p.m.—Abas String Quartet.
10:00 p.m.—Gordon Henderson's Palm Court Dance Band.

SATURDAY, DECEMBER 1
10:00 a.m.—Annabelle Lee, for Langendorf Baking Co.
11:30 a.m.—Stanford-Army football game from New York.
1:30 p.m.—Anne Warner's Home Making Chats.
2:00 p.m.—U. S. C. vs. Notre Dame football game, from Los Angeles.
7:00 p.m.—NBC.*
9:00 p.m.—Gordon Henderson's Palm Court Dance Band.
10:00 p.m.—NBC.*

See Page 42 for detailed program of National Broadcasting Company.

San Jose, California—1010 Kc.

KQW

FRED J. HART

DAILY EXCEPT SUNDAY
10:00 a.m.—The Helpful Hour.
12:00 noon—News items.
12:30 p.m.—Farm Market Report.
1:00 p.m.—Hart's Store half hour.
1:30 p.m.—The Friendly hour.
2:30 p.m.—Pancho's Style Chat.
5:00 p.m.—Second Street Musical Hour.
4:00 p.m.—Sunshine Hour with W. K.
5:30 p.m.—Aunt Sunny talk; Home Economists (ex-Saturday).
5:30 p.m.—Pa's Big Brother Hour (ex-Saturday).

6:00 p.m.—U. S. D. A. Farm School.
6:20 p.m.—Farm Market reports and weather.
6:50 p.m.—Farmers' Exchange.
7:30 p.m.—Farm Bureau Evening Radio News.
9:30 p.m.—Crop Digest.

SUNDAY, NOVEMBER 25
10:15 a.m.—Sunday School Lessons by Fred J. Hart.
11:30 a.m.—Morning Services, First Baptist Church.
7:30 p.m.—Evening Services, First Baptist Church.

MONDAY, NOVEMBER 26
8:00 p.m.—Studio Program, Leda Gregory Jackson, dir.
TUESDAY, NOVEMBER 27
8:00 p.m.—"You Never Can Tell."

WEDNESDAY, NOVEMBER 28
8:00 p.m.—First Baptist Church.

THURSDAY, NOVEMBER 29
8:00 p.m.—Songs, Old Church Choir.
FRIDAY, NOVEMBER 30
8:00 p.m.—Cornell Tractor Company Program.
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Ray-O-Vac Radio Batteries meet every demand of thoughtful radio owners.

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DAILY EXCEPT SUNDAY

7:00 a.m. — Simple Fiffs, courtesy Airflex 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 noon — Sherman Clay concert.
1:00 p.m. — San Francisco Symphony Orch. recordings (except Monday and Sunday).
2:00 p.m. — Matinee Concert, courtesy of Pacific Radio Trades (except Saturday).
3:00 p.m. — Matinee Orch. concert (ex. Thurs., Fr.).
4:30 p.m. — Studio Program.
4:45 p.m. — San Francisco Call, news items.
5:30 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 show (ex. Tues., Fr.).
10:00 p.m. — Amos 'n Andy (ex. Wed.).
10:10 p.m. — Dance music.

SUNDAY, NOVEMBER 25

9:30 a.m. — KFRC Radio Fellowship Church.
10:00 a.m. — 'Home, Sweet Home!' concert.
12 noon — Paulist Fathers' Old St. Mary's Church.
1:15 p.m. — The Sunday recital.
2:00 p.m. — Feature program to be announced.
4:00 p.m. — Red Nester and Art Fadden, pianist.
4:30 p.m. — 'Tea Time Three.'
5:30 p.m. — Inspirational Talk.
6:00 p.m. — Majestic Theater of the Air, featuring Moran and Mack.
7:20 p.m. — Charles Bulotti, tenor: KFRC Concert Orchestra.
8:00 p.m. — 'Pop' concert, with Bob and his zither.
9:00 p.m. — Robert Olsen, song recital.
9:30 p.m. — Tom Gurinovich and his Roof Garden Orchestra.
10:00 p.m. — Amos 'n Andy.
10:30 p.m. — Tom Gurinovich and his orchestra.
11:10 p.m. — Dance Orchestra.

MONDAY, NOVEMBER 26

11:00 a.m. — Mary Lewis Haines, Domestic Science talk.
4:00 p.m. — 'Careers for Women,' direction of Matilda Rosenfeld.
4:15 p.m. — Talk by physician from University of California Medical Department, directed by Dr. H. M. F. Behneman.
4:30 p.m. — Studio program.

KFRC

San Francisco, Calif.—610 Kc.
Owned and Operated by Don Lee, Cal. Dist. for Cadillac & LaSalle

1000 WATTS—491.5 METERS
1000 Van Ness, Telephone Prospect 100

"Keep Forever Radiating Cheer"

7:00 p.m. — Myroni Mirthful Melody.
8:00 p.m. — 'Blue Monday Jamboree,' two hours of frolicsome entertainment.

TUESDAY, NOVEMBER 27

9:00 a.m. — Georgia O. George.
10:00 a.m. — Dr. Strasaka.
11:00 a.m. — Child Diet.
3:00 p.m. — Matinee Concert Orchestra.
4:00 p.m. — 'Careers for Women,' direction of Matilda Rosenfeld.
4:15 p.m. — Western Air Express Aviation talk.
4:30 p.m. — Studio program.
5:30 p.m. — 'Boo,' noted sports authority.
7:00 p.m. — Maytag Quartet, and Art Fadden.
7:30 p.m. — Dr. Strasaka.
8:00 p.m. — Haas Candy Stores "Sweetheart Hour.'
9:30 p.m. — 'Fancies of Former Days.'

WEDNESDAY, NOVEMBER 28

4:00 p.m. — Popular Science talk with Mervin Shipley.
4:30 p.m. — Fan Fare by Fred Johnson of the Call.
4:30 p.m. — Studio program.
7:00 p.m. — West Portal Merchants Association program.
7:30 p.m. — Dr. Strasaka.
8:00 p.m. — Frank Mose piano recital.
8:30 p.m. — Song recital by Robert Olsen.
9:00 p.m. — Western Motors program.

THURSDAY, NOVEMBER 29

11:00 a.m. — Dr. Strasaka.
11:30 a.m. — Madame Marie.
4:30 p.m. — The "Observer," about new books and current topics.
4:50 p.m. — Studio program.
7:00 p.m. — Cecilia.
7:30 p.m. — Myroni Mirth and Melody.
8:00 p.m. — Thanksgiving program.
8:30 p.m. — 'Tea Time Three.'
9:30 p.m. — Dr. Strasaka.

FRIDAY, NOVEMBER 30

11:00 a.m. — 'Hints to Home Makers,' by Aunt Martha.
1:30 p.m. — Matinee Concert Orchestra.
1:30 p.m. — Garden talk by F. W. Davis.
4:30 p.m. — Studio program.
6:30 p.m. — Nat Freyne, sports editor of the Call.
7:00 p.m. — 'Hot 'n' Cold Shops program.
7:30 p.m. — Dr. Strasaka.
8:00 p.m. — 'Great Ladies.'
8:30 p.m. — Basha Foursome and the Sparklers.
9:30 p.m. — Cadillac LaSalle Orch., Juanita Tennyson.

SATURDAY, DECEMBER 1

8:00 a.m. — Mt. Tamalpais and Muir Woods program.
8:30 p.m. — Bear Photo Service program.
11:45 a.m. — Announcements of Sunday church service.
4:30 p.m. — Art talk.
7:00 p.m. — Yale Bond Radio Battery program.
8:00 p.m. — KFRC Concert Orchestra and Strollers.
8:15 p.m. — "Robbie of the Prominent Men.'
8:30 p.m. — KFRC Concert Orchestra.
9:30 p.m. — Hotel Mark Hopkins Orchestra.

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PACIFIC COAST STATION, GENERAL ELECTRIC CO.
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DAILY EXCEPT SUNDAY
9:30 a.m.—California Home Life.
11:30 a.m.—Rembrandt Trio (except Wednesday and Thursday).
12:00 noon—Luncheon Concert.
12:00 noon, 6:00 p.m., and 10:00 p.m.—Telephone Time.
12:30 and 1:30 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).
5:30 p.m.—Dinner Concert (except Friday and Saturday).
6:30 p.m.—Dinner Concert.
8:00 p.m.—Sessions Westminster Chimes.
9:00 p.m.—Third signal.

HOWARD MILHOLLAND

SUNDAY, NOVEMBER 25
11:00 a.m.—First Congregational Church Service.
1:30 p.m.—N.B.C.*
4:00 p.m.—Vesper Service, Grace Cathedral.
6:30 p.m.—Hotel St. Francis Concert Orchestra;
7:30 p.m.—N.B.C.*
8:00 p.m.—First Congregational Church Service.
11:30 a.m.—Rembrandt Trio.
5:00 p.m.—Aunt Betty stories, KGO Kiddies' Klub.
6:30 p.m.—A Week of the World's Business.
7:30 p.m.—General Electric Program.
10:30 p.m.—Alaskan News Flashes, United Press.

TUESDAY, NOVEMBER 27
10:30 a.m.—N.B.C.*
5:30 p.m.—'What's Happening in the World.'
6:30 p.m.—The Strolling Troubadour.
7:30 p.m.—N.B.C.*
9:00 p.m.—The Pilgrims.
10:00 p.m.—'DX Flashes,' Associated Press.

WEDNESDAY, NOVEMBER 28
10:30 a.m.—N.B.C.*
11:30 a.m.—Thino Hand Cream Program.

*See Page 42 for detailed program of National Broadcasting Company.

Kolster Gains New Position in Radio Industry

The Kolster Radio stock which has recently been introduced on the New York Stock Exchange has caused quite a sensation.

The DeForest patent victory in the United States Supreme Court and the concession gained from the Chilean government by the International Telephone and Telegraph have been a great benefit to the Kolster Company.

Because of the Supreme Court's decision, Kolster becomes one of the two radio companies in the country that are able to operate freely without the necessity of obtaining license grants.

The Kolster Company is affiliated with the Mackay Company and the International Telephone and Telegraph. Both of these companies do an enormous cable and overseas commercial wireless business.

The Kolster Company manufactures and sells Kolster radio receiving sets and also manufactures radio sets used in Columbia phonographs.

What Will Hoover Do To Radio?

What will President-elect Hoover do about the radio problem? That is one of the questions at present of greatest interest to listeners, broadcasters, amateurs, manufacturers and radio engineers. One thing is certain, the incoming President has an intimate knowledge of the radio problem and a great interest in the listening public of the United States.

Time after time, Mr. Hoover, at the four radio conferences which he convened in Washington in four successive years to work out the radio problem through voluntary cooperation of the industry, called attention of the delegates to the fact that, after all, the conference must decide what was in the interest of the listener. He had a lot of good to say, also, for the amateurs of the country, and especially the American boy, to whom he credited much of the advancement in the radio art, particularly in the early days.
The essential features of these programs are identical with those sent by the stations.

**KYA**

**San Francisco, Calif.**

- **1230 Kc.**
- **THEATRE OF THE AIR**
- **500 WATTS—243.8 METERS**
- **Headquarters at Loew's Warfield Building**
- **CLAIR MORRISON**, Manager
- **LIBORIUS HAUTMANN**, Musical and Program Director

**DAILY EXCEPT SUNDAY**

10:00 a.m.—“The KYA Morning Glories,” with music and songs.
12:00 noon—“Daily Coke, the Better Home Girl of KYA.”
1:00 p.m.—Musical program (except Tuesday and Friday).
11:00 a.m.—“California Sunshine Hour.”
12:00 noon—News items direct.
12:15 p.m.—Musical program (except Tuesday).
3:00 p.m.—Record Program.
3:30 p.m.—Bridge party.
4:00 p.m.—Classical program.
5:30 p.m.—Who’s Who program.
6:00 p.m.—News from the Examiner.
6:15 p.m.—“The Golden Gate Cryer.”
7:00 p.m.—Vocal music (except Monday and Wednesday).
9:00 p.m.—Saturday Night Time Signal.
10:00 p.m.—Dance Orchestra (except Saturday).

**SUNDAY, NOVEMBER 25**

10:00 a.m.—Portrayal of Examiner Comic Strip.
11:00 a.m.—Temple Methodist Church.
12:30 p.m.—Sunday Recital by the KYA Orchestra.
2:30 p.m.—Football broadcast from Kezar Stadium by Ernie Smith of the St. Mary vs. Y. M. I. game.
5:30 p.m.—Recorded Program.
5:30 p.m.—Dr. Frederick W. Clampett.
6:30 p.m.—Morgan and Mack, the Arnold Johnson’s Orchestra, released over the California Broadcasting System.
7:30 p.m.—Dr. Frederick W. Clampett.
7:30 p.m.—Temple Methodist Church.
9:00 p.m.—KYA Symphony Orchestra.

**MONDAY, NOVEMBER 26**

2:00 p.m.—Dr. Buren L. Corley.
4:30 p.m.—Interpretations of Mark Twain.
7:30 p.m.—Ferry and George Taylor.
7:30 p.m.—Royal Order of Optimistic Donuts.
8:30 p.m.—West Coast Theater Frolic.
9:00 p.m.—Variety Program.
9:30 p.m.—Musical Program, presented by Dr. B. L. Corley, assisted by Clara Berdell, Ed Gray, Hazel and Helen.

**TUESDAY, NOVEMBER 27**

10:20 a.m.—Dr. Buren L. Corley.
12:15 p.m.—Tuesday Noon Club, conducted by Floyd B. Tower.

**KFWI**

**San Francisco—930 Kc.**

- **500 WATTS—322.4 METERS**
- **Radio Entertainments, Inc., 1122 Market Street**
- **Telephone Market 1140**

**DAILY EXCEPT SUNDAY**

7:00 a.m.—Health Exercises by Cal King.
8:00 a.m.—“Cal King’s Country Store” (ex. Mon.).
10:00 a.m.—“Charlie Gleizer” News in Rhyme and Songs.
10:30 a.m.—Musical program.
12:00 noon—Luncheon program.
1:00 p.m.—Country Store (ex. Wed. and Sat.).

**LIBORIUS HAUTMANN**

**MEXICAN RADIO CRYSTAL COMPANY**

Manufacturers of
Mexican Mounted Pyrite, Galena, Carborundum, Mexican Fixed Renewable Crystals
Telephone THornwall 5393
8641 South Hoover Street
Los Angeles, California

**CHAS. L. PECK**

**TORRES WEIR**

**General Manager**

**Program Director**

**Mildred L. Schneider**

**MEXICAN RADIO CRYSTAL COMPANY**

**A. H. QUAST, Distributor**

Radio Doings
By order of the Federal Radio Commission, KEX and KOB must share time.

KEX
Portland, Oregon—1180 Kc.

5000 WATTS—234.1 METERS
Owned by American Broadcasting Company
Terminal Sales Building

By John H. Barnet
Program Director

Harry D. Proctor
Commercial Manager

November 24

DAILY EXCEPT SUNDAY
5:45 a.m.—Vic's, Vugor and Vitality.
7:45 a.m.—With the morning coffee.
8:00 a.m.—Morning Cheer concert.
8:30 a.m., 12 noon, 6 p.m. and 10 p.m.—Western Union time.
9:30 a.m.—Better Homes hour; Joe Sherman, banjo.
10:30 a.m.—Morning Devotional hour; Marvin Pomeroy.
11:15 a.m.—Morning Shopping Guide.
11:45 a.m.—Newscasting, weather, etc.
12:00 noon—Luncheon concert.
1:00 p.m.—"Songs You Ought to Know;"
1:20 p.m.—KEX Concert Ensemble (except Monday).
2:00 p.m.—KEX Little Symphony (except Monday).
2:30 p.m.—College News.
3:45 p.m.—Song Recital.
4:00 p.m.—Bridge Concert (except Saturday).
7:00 p.m.—Twilight Hour.
8:00 p.m.—New Haven Westminster Chimes.
9:00 p.m.—American Salon Orchestra.
10:00 p.m.—Dance Frolie; Department of Agriculture reports; weather reports (except Saturday).

SUNDAY, NOVEMBER 25
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.—Song recital.
4:00 p.m.—Afternoon musicale.

KTAB
Oakland, Calif.—1280 Kc.

500 WATTS—234.2 METERS
Knowledge, Truth and Beauty
Offical Pickwick Stages Station
Owned and Operated by the Pickwick Broadcasting Corp.

By Irving Krick
Program Director

November 24

7:00 a.m.—Setting-up Exercises.
8:00 a.m.—Hour of Prayer.
9:30 a.m.—Recordings (except Tuesday).
11:00 a.m.—"Paws" Donahoe and his Joy Hour (except Saturdays).
12:00 noon—Recordings (except Saturday).
12:30 p.m.—Organ Recital, Eka Marvin Pomeroy.
2:00 p.m.—Variety Hour.
3:30 p.m.—Concert.
4:00 p.m.—Happy Chappies (except Saturday).

4:30 p.m.—The Hour, Elystan Trio (Official Pickwick Trio).
5:30 p.m.—Recordings.
6:30 p.m.—Twilight Hour.
8:30 p.m.—Colonnial Mystery Hour.
11:00 p.m.—Dance music.
12:00 midnight—The Night Owl.

SUNDAY, NOVEMBER 25
11:00 a.m.—Tenth Avenue Baptist Church.
1:00 p.m.—Colonnial Concert Hour.
2:00 p.m.—The Sapphire Concert Trio.
3:00 p.m.—Church Theater—Piano Recital.
3:30 p.m.—Organ Recital.
4:00 p.m.—Symphony Recordings.
5:00 p.m.—Concert Hour.
6:00 p.m.—Majestic Radio Hour.
7:00 p.m.—States Restaurant Dinner Concert.
7:30 p.m.—Tenth Avenue Baptist Church.
MONDAY, NOVEMBER 26
7:00 p.m.—Variety Program.
7:50 p.m.—Jack Spaulding—Football Expert.
9:30 p.m.—Elystan Trio.
10:00 p.m.—Dance Recordings.
TUESDAY, NOVEMBER 27
10:30 a.m.—Betina Angelo, in a talk on Home Decora-
tion.
7:00 p.m.—Dinner Concert, the States Restaurant.

9:00 p.m.—Pickwick Pals.
9:30 p.m.—B. & V. Lullaby Girls, with the "Jones Family."

WEDNESDAY, NOVEMBER 28
1:30 p.m.—Health Lecture, Dr. Harry C. Bond, D.C.
1:30 p.m.—Recordings.
9:00 p.m.—Trilium Trio, Irene Leonard, contralto.

THURSDAY, NOVEMBER 29
9:30 a.m.—Dr. J. Douglas Thompson, D. C.
7:00 p.m.—Dinner Concert from the States Restaurant.
9:00 p.m.—Coconut Club.

FRIDAY, NOVEMBER 30
1:30 p.m.—Health Lecture—Dr. Harry Bond, D. C.
1:30 p.m.—Recordings.
7:00 p.m.—Popular Recordings.
7:30 p.m.—Rustemians Hour.
9:30 p.m.—Don's Club Program.
10:00 p.m.—Variety Program.

SATURDAY, DECEMBER 1
10:30 a.m.—OPA's Surprise Hour.
4:00 p.m.—Recordings.
7:00 p.m.—Dinner Concert.
9:30 p.m.—Spanish Flora.
10:00 p.m.—Variety Program.
# Radio Doings

**November 24**

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

## KGW

**Portland, Oregon—620 Kc.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 a.m.</td>
<td>French lesson by Mile. Radka Ivanakova.</td>
</tr>
<tr>
<td>5:30 a.m.</td>
<td>Studio program.</td>
</tr>
<tr>
<td>6:05 a.m.</td>
<td>Theft talk by Geo. L. Simons.</td>
</tr>
<tr>
<td>7:00 a.m.</td>
<td>Studio programs.</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Equitable Savings &amp; Loan Asen. program.</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Studio program.</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>NBC.</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Studio music.</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Dance program, NBC.</td>
</tr>
</tbody>
</table>

**THURSDAY, NOVEMBER 29**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:45 a.m.</td>
<td>Women's Setting-up Exercises.</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>U. C. L. A.-Oregon football game, from Los Angeles.</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>NBC.</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Dinner concert.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Studio entertainment.</td>
</tr>
<tr>
<td>7:15 p.m.</td>
<td>Tommy Lake's Flower Girls.</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>NBC.</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>Associated Oil program from KOMO.</td>
</tr>
</tbody>
</table>

**FRIDAY, NOVEMBER 30**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:15 a.m.</td>
<td>Y. M. C. A. Health Exercises.</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>NBC.</td>
</tr>
<tr>
<td>10:50 a.m.</td>
<td>Studio concert.</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Studio program.</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Frolle of the Keep Growing Wiser Order of Hoof Owls.</td>
</tr>
</tbody>
</table>

**SATURDAY, DECEMBER 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00 noon</td>
<td>Luncheon concert.</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Dinner concert.</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>Lucky Strike Hour, NBC.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Philco Hour.</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>&quot;Golden Legends,&quot; NBC.</td>
</tr>
</tbody>
</table>

## KIN

**Portland, Oregon—940 Kc.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:45 a.m.</td>
<td>Housekeepers' Chat; Ruth Adamson.</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Town Topics; music; Veila Weller.</td>
</tr>
<tr>
<td>11:15 a.m.</td>
<td>Louise Palmer Webber, Dietician.</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>U. S. Dept. of Agriculture feature.</td>
</tr>
<tr>
<td>11:45 a.m.</td>
<td>Weather Report; Correct Time.</td>
</tr>
<tr>
<td>12:30 noon</td>
<td>Luncheon Concert, Heathman Hotel Organ.</td>
</tr>
<tr>
<td>12:30 p.m.</td>
<td>Portland News Talk.</td>
</tr>
<tr>
<td>1:15 p.m.</td>
<td>Portland News Topex Terry Time.</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Parker Realty Co. Organ Concert.</td>
</tr>
<tr>
<td>5:30 p.m.</td>
<td>Drumset Hour.</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>RKO Radio Hotel Concert Orch. (ex. Mon.).</td>
</tr>
<tr>
<td>12:30 p.m.</td>
<td>Portland Theater organ. Iris Wilkins.</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>Four Square Gospel Lighthouse service.</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Parker Realty Co. organ concert.</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Dinner concert on Heathman Hotel pipe organ.</td>
</tr>
</tbody>
</table>

**DOLPH THOMAS**

**Announcer**

**C. H. Watson**

**Station Engineer**

**Dolph Thomas**

**Studio Director and Chief Announcer**

**Tom Clarke**

**Junior Announcer**

**FRIDAY, NOVEMBER 30**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Studio program.</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>KOIN Players, direction Edris Morrison.</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Cole McElroy's Oregonians.</td>
</tr>
</tbody>
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**SATURDAY, DECEMBER 1**

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</tr>
<tr>
<td>10:00 a.m.</td>
<td>Cole McElroy's Oregonians.</td>
</tr>
</tbody>
</table>

**See Page 42 for detailed program of National Broadcasting Company.**
Seattle, Wash.—1270 Kc.

DAILY EXCEPT SUNDAY

6:00 a.m.—Sunset's Musical Glock.
6:45 a.m.—Piglet Sound Hour.
7:10 a.m.—Studio News.
8:45 a.m.—Aunt Sammy's Housekeeper's Chat.
10:00 a.m.—Iliades 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 Recital (except Fri. and Sat.).
12:15 p.m.—Radio News, Sports.
2:00 p.m.—Studio Musical.
5:00 p.m.—Variety Hour from KMO.
6:00 p.m.—KFOA Travel Service.
6:30 p.m.—Druggist Radio Hour.
7:30 p.m.—Elaine Goring, time signals.

MONDAY, NOVEMBER 26

8:45 a.m.—Aunt Sammy's Housekeeper's Chat.
11:15 a.m.—Morning Musical.
4:30 p.m.—Studio Musical.
7:30 p.m.—'Better Flowers Talka.'
7:45 p.m.—Industrogams.
8:30 p.m.—Variety Hour from KMO.
8:45 p.m.—KFOA Travel Service.
9:30 p.m.—'King Taste Time.'

TUESDAY, NOVEMBER 27

12:30 p.m.—Kiwiana Club luncheon program from the Olympic Hotel.
7:00 p.m.—'Regum Revelers.'
8:00 p.m.—Old Melodies.
9:00 p.m.—Organ Recital of popular melodies by Frederick F. Feringer.
9:30 p.m.—Radio Auction Bridge Game.

KFOA

BROADCAST LICENSE NO. 875

F. B. Galt, Station Manager; Ward J. Ireland and Ted McGrath, Announcers

Charlies Burns and James Clark, Operators; Frederick F. Feringer, Musical Director

Alfred Gross, Commercial Manager

Radio Doings

Seattle, Washington—970 Kc.

5000 WATTS—309.1 METERS. Phone Main 2475

Operated by the American Broadcasting Co.

404 Home Savings Building, 1520 Westlake Ave.

JOHN MARSH

DAILY EXCEPT SUNDAY

6:45 a.m.—Vim, Vigor and Vitality.
7:45 a.m.—Breakfast News.
9:00 a.m.—The Golden Hour Orchestra.
9:00 a.m., 12:00 noon and 10:00 p.m.—Pacific Standard Time Signals.
9:30 a.m.—Mary Cook's KJR Better Homes Girl.
9:45 a.m.—Devotional Service.
10:30 a.m.—KJR Characteristic Hour.
10:30 a.m.—KJR Dream Hour.
11:10 a.m.—Variety program.
12:30 noon—ABN Reveries, News.
12:30 p.m.—American Salon Orchestra, under direction of Francesco Lonzo (ex. Saturday).
1:45 p.m.—News Revival.
2:00 p.m.—NIBC Artistic Ensemble (except Monday).
3:00 p.m.—American Symphony Orchestra (ex. Sat.).
4:00 p.m.—Desta Hour (except Wednesday).
5:00 p.m.—'Request Hour' (except Tuesday and Friday).
6:30 p.m.—Special Announcements.
6:15 p.m.—National Review News, Sports, etc.
6:30 p.m.—The Captivators (ex. Tues. and Wed.).
6:45 p.m.—Red Cross (except Saturday).

WEDNESDAY, NOVEMBER 28

10:45 a.m.—Georgia O. George, beauty hints.
11:30 a.m.—Dorothy Neighbors, menu hints, by Seattle Times.
11:45 a.m.—Morning Musical.
12:30 p.m.—Rotary Club luncheon program from the Olympic Hotel.
2:30 p.m.—Studio Musical.
3:30 p.m.—Organ recital, by Frederick F. Feringer.
7:30 p.m.—'Sweet Moments' with The Helen Ardelle Candy Company.
8:30 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, NOVEMBER 29

12:30 p.m.—Shriners Club luncheon program from the Olympic Hotel.
2:00 p.m.—University of Washington vs. Washington State College football game.
8:00 p.m.—'4-H Club Crier' and Primer for Town Farmers.
8:15 p.m.—Book Chat: Art of the Northwest Indians.

FRIDAY, NOVEMBER 30

11:30 a.m.—Choc-Strudel Chocolate program.
1:30 p.m.—Shriners Council luncheon program.
3:30 p.m.—Roosevelt v. Broadway High School football game.
7:30 p.m.—'Sweet Moments.'
8:00 p.m.—'Regum Revelers.'
8:20 p.m.—Hockey game; Seattle vs. Portland.
10:30 p.m.—Hoot Owls from KGW.

SATURDAY, DECEMBER 1

7:30 p.m.—Farm Science Snapshots.
7:45 p.m.—Camp Fire Girls program.
8:15 p.m.—Boy Scouts program.

KJR

Robert Nichols
Senior Announcer

Royal Forbes
Studio Director

Arthur L. Finn
Program Director

John Marsh
Pianist

Clarence Clark
Engineer

Radio Doings

Seattle, Washington—970 Kc.

5000 WATTS—309.1 METERS. Phone Main 2475

Operated by the American Broadcasting Co.

404 Home Savings Building, 1520 Westlake Ave.

JOHN MARSH

DAILY EXCEPT SUNDAY

6:45 a.m.—Vim, Vigor and Vitality.
7:45 a.m.—Breakfast News.
9:00 a.m.—The Golden Hour Orchestra.
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9:30 a.m.—Mary Cook's KJR Better Homes Girl.
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11:10 a.m.—Variety program.
12:30 noon—ABN Reveries, News.
12:30 p.m.—American Salon Orchestra, under direction of Francesco Lonzo (ex. Saturday).
1:45 p.m.—News Revival.
2:00 p.m.—NIBC Artistic Ensemble (except Monday).
3:00 p.m.—American Symphony Orchestra (ex. Sat.).
4:00 p.m.—Desta Hour (except Wednesday).
5:00 p.m.—'Request Hour' (except Tuesday and Friday).
6:30 p.m.—Special Announcements.
6:15 p.m.—National Review News, Sports, etc.
6:30 p.m.—The Captivators (ex. Tues. and Wed.).
6:45 p.m.—Red Cross (except Saturday).

WEDNESDAY, NOVEMBER 28

10:45 a.m.—Georgia O. George, beauty hints.
11:30 a.m.—Dorothy Neighbors, menu hints, by Seattle Times.
11:45 a.m.—Morning Musical.
12:30 p.m.—Rotary Club luncheon program from the Olympic Hotel.
2:30 p.m.—Studio Musical.
3:30 p.m.—Organ recital, by Frederick F. Feringer.
7:30 p.m.—"Sweet Moments" with The Helen Ardelle Candy Company.
8:30 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, NOVEMBER 29

12:30 p.m.—Shriners Club luncheon program from the Olympic Hotel.
2:00 p.m.—University of Washington vs. Washington State College football game.
8:00 p.m.—"4-H Club Crier" and Primer for Town Farmers.
8:15 p.m.—Book Chat: Art of the Northwest Indians.

FRIDAY, NOVEMBER 30

11:30 a.m.—Choc-Strudel Chocolate program.
1:30 p.m.—Shriners Council luncheon program.
3:30 p.m.—Roosevelt vs. Broadway High School football game.
7:30 p.m.—"Sweet Moments."
8:00 p.m.—"Regum Revelers."
8:20 p.m.—Hockey game; Seattle vs. Portland.
10:30 p.m.—Hoot Owls from KGW.

SATURDAY, DECEMBER 1

7:30 p.m.—Farm Science Snapshots.
7:45 p.m.—Camp Fire Girls program.
8:15 p.m.—Boy Scouts program.
The essential features of these programs are identical with those sent by the stations.

**KHQ**

**Spokane, Washington—590 Kc.**

1000 WATTS—508.2 METERS

LOUIS WASMER, INC. Standard Stock Exchange Bids.

Teletype Main 4442

DAILY EXCEPT SUNDAY

7:00 a.m.—Bailey’s Period of Pep and Callistiheca (except Wednesday).
7:30 a.m.—Schultz Musical Klock (except Wednesday).
8:15 a.m.—Musical Program (except Wednesday).
8:30 a.m.—Inland Empire Road Reports (except Wednesday).
9:00 a.m.—Household Service, Tull & Gibbs (except Wed. and Friday).
10:00 a.m.—Sara Leigh’s Hour with Women.
11:00 a.m.—Farmers’ Service Hour (except Tuesday).
12:00 noon.—The Diamond Hour (except Tuesday).
1:00 p.m.—The Majestic Twins (except Tuesday).
1:30 p.m.—Miss Modern.
1:50 p.m.—Pur Facts.
2:20 p.m.—Washington Home Service Hour (except Tuesday and Friday).
3:00 p.m.—Kolster Concert.
3:30 p.m.—National Savings Thoughts.

**CECIL P. UNDERWOOD**

Chief Announcer

4:30 p.m.—Paint o’ Mine Period.
4:30 p.m.—Bailey’s Concert.
5:00 p.m.—Service Hour (except Friday).
6:30 p.m.—Mahlon Merrick’s Concert Orchestra (except Wed., Thurs. and Fri.).

SUNDAY, NOVEMBER 25

10:30 a.m.—Children’s Sunday School program.
11:30 a.m.—Central Methodist Episcopal Church.
130 p.m. — NBC.*
4:30 p.m. — NBC.*
5:00 p.m. — Bailey’s concert.
5:50 p.m. —International Bible Students.
7:30 p.m. — NBC.*
10:30 p.m. — City Service Little Symphony.
MONDAY, NOVEMBER 26

6:30 p.m. — The Dough Boys.
6:45 p.m. — NBC.*

TUESDAY, NOVEMBER 27

10:30 a.m. — NBC.*
11:30 a.m. — Farmers’ Service Hour.
12:00 noon. — Chamber of Commerce Luncheon.
6:30 p.m. — The Dough Boys.
7:00 p.m. — Musical programs.
8:00 p.m. — Ever-Ready Salon Group.
8:30 p.m. — NBC.
9:00 p.m. — Glocenda Orchestra.
10:00 p.m. — Mahlon Merrick and his Orchestra.
WEDNESDAY, NOVEMBER 28

11:00 a.m. — NBC.*

*See Page 42 for detailed program of National Broadcasting Company.

**KGA**

**Spokane, Wash.—1470 Kc.**

5000 WATTS—204.0 METERS

Operated by the American Broadcasting Co., located in the Sun Life Assurance Building.

SUNDAY, NOVEMBER 25

11:00 a.m.—First Presbyterian Church service.
2:00 p.m.—American Broadcasting Co. program.
6:00 p.m.—Masonic Theatre Hour.
7:30 p.m. —Kinnon’s String Trio.
7:30 p.m. — First Presbyterian Church Evening service.
9:00 p.m. — ABC—American Saloon Orchestra.

MONDAY, NOVEMBER 26

10:00 p.m. — Studio program.

TUESDAY, NOVEMBER 27

8:00 p.m. — Perdor Kosoro, tenor artist.
8:20 p.m. — Studio program.
9:00 p.m. — ABC—American Saloon Orchestra.
10:00 p.m. — Simpson’s Old Timers.
11:00 p.m. — Musical programs.

WEDNESDAY, NOVEMBER 28

8:30 p.m. — Studio program.
8:30 p.m. — ABC—Song recital.
9:30 p.m. — ABC—American Saloon Orchestra.
10:00 p.m. — Van Audell Hoffman program.
11:30 p.m. — Musical program.

THURSDAY, NOVEMBER 29

8:00 p.m. — ABC—Artistic Ensemble.
9:00 p.m. — ABC—American Saloon Orchestra.
10:00 p.m. — Edna Howenden, pianist.
10:30 p.m. — Studio program.

FRIDAY, NOVEMBER 30

8:00 p.m. — ABC—American Saloon Orchestra.
10:00 p.m. — Judson Mather, organ recital.
11:00 p.m. — Studio program.

SATURDAY, DECEMBER 1

8:00 p.m. — ABC—Vincent Knowles’ Dance Orchestra.
9:00 p.m. — ABC—Song recital.
9:15 p.m. — ABC—Vic Meyers’ Dance program.
10:30 p.m. — ABC Chain.
Timely Trade Topics

The Birkel Music Company offer a reward of $25 for information pertaining to the theft of a Zenith receiver, model 33, serial number 101341.

The Radilec Laboratory at 523 East Pico announces that they are now the official service station for Elkon and Sterling chargers and power units. They also make a specialty of converting D. C. sets for the more modern A. C. hook-ups.

The unusual acceptance of the new BT. Super 8, with DX fans of Hollywood, is creating a new standard of sales, according to Mr. H. A. Everest of the BT. Radio Shop, 7406 Melrose Ave. Mr. Everest is now able to deliver this exceptional radio value with a distance guarantee.

---

Pemco Dynamic

(Continued from Page 36)

In a recent test of the Pemco, operating from the output of a 250 push-pull amplifier, it handled the full output without distortion.

The development of tonal quality in radio reproduction has been a slow, evolutionary process always somewhat behind the ability of the transmitting apparatus. In other words, until just recently our broadcast stations have been putting out better quality than our receiving equipment was capable of reproducing. The bass, for example, has been broadcast all the time, but very few receivers were able to reproduce it, with the result that we only heard a few of the instruments in the orchestra.

But thanks to the advent of power amplification, modern audio frequency transformers, and the still more recent development in loud speakers, the modern receiving equipment can recreate practically all that is put on the air by the radio broadcast station.

A Pemco dynamic speaker, operating from the output of a modern receiver equipped with suitable power amplification covers the tonal range of the modern transmitter, so we must now look to the engineers who design the transmitters for the next forward step.

---

DX Club

(Continued from Page 17)

DX Club:

Many thanks for second prize—a good ground.

October list is so big—it would take up more space than is allotted to the club. Have confirmation from 32 states, 4 Canadian provinces, besides Cuba and Mexico on my "Maggle" 9-8.

"HASTINGS,"
7301 Marbrisa,
Huntington Park.

---

Q and A

(Continued from Page 29)

reaches the new temperature level, the volume is probably too low. You move the rheostat up again, and after a few seconds the music comes back with a roar, again much too loud. This slow response of filament temperature to changes in the filament current makes such type of volume control exceedingly inconvenient.

Practically all of the factory built A.C. sets employ a variable resistance in shunt with the input to the set, that is across the antenna and ground. Would suggest that you set your filament rheostat so that the filaments of the R.F. tubes receive a little less than 1.5 volts, and then put a variable resistance across the input to your set and control volume by that means.
The essential features of these programs are identical with those sent by the stations.

**KSL**

Earl J. Glade
General Manager
Lewis L. Lacey
Program Director
John M. Cope
Technical Director
Rescoe G. Grever
Chief Announcer

**DAILY EXCEPT SUNDAY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30 a.m.</td>
<td>Reville</td>
</tr>
<tr>
<td>6:00 a.m.</td>
<td>Setting-up exercises</td>
</tr>
<tr>
<td>6:15 a.m.</td>
<td>Songs of Romance</td>
</tr>
<tr>
<td>6:30 a.m.</td>
<td>Repetition of setting-up exercises</td>
</tr>
<tr>
<td>6:45 a.m.</td>
<td>Nearest,al</td>
</tr>
<tr>
<td>7:00 a.m.</td>
<td>Inspirational period</td>
</tr>
<tr>
<td>7:15 a.m.</td>
<td>Morning mashes of instrumental ensembles</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Items of interest to Madame</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Late news</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>Ill-figures of the Styles</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Helen Webster</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Aunt Susan’s Housekeeper’s Chat</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>“Mid-day Melanye”</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Agricultural Economics</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>“Jazgical Jubilee”</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>“The Development of American Music”</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>An Hour with the Classics</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Uncle Romeo and the Tiny Tots</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>“Ye Olde Towns Cryer.”</td>
</tr>
</tbody>
</table>

**MONDAY, NOVEMBER 26**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 p.m.</td>
<td>William Worley, tenor, and others</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>“The Blue Blaze Riders”</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>“The Jewel Box”</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Harry Clark, balladist.</td>
</tr>
</tbody>
</table>

By order of the Federal Radio Commission, KPCB and KPQ must share time.

**KPCB**

Lewis D. Greenway
Manager-Announcer
Florence E. Wallace
Program Director
John R. Hill
Technician

**DAILY EXCEPT TUES., THURS. AND SAT.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Early morning concert</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Thomason Candy Co. vocal program</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Program of the Red Rock Creamery</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Crescent Baking Powder hour</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Popular concert numbers</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Musical programs</td>
</tr>
<tr>
<td>12:00 noon</td>
<td>Luncheon hour concert</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Program of the Covey Laundry Service</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>Pacific Coast Biscuit Company</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>New Gems of Flavor</td>
</tr>
<tr>
<td>2:30 p.m.</td>
<td>Program sponsored by Red Rock Creamery</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Centennial Mill hour</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Crescent Mill Co.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Recipe hour</td>
</tr>
<tr>
<td>4:15 p.m.</td>
<td>Shopping Hints</td>
</tr>
</tbody>
</table>

**SUNDAY, NOVEMBER 25**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 a.m.</td>
<td>Novel program</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>Studio program arranged by Minnie B. Clifton, soprano</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Musical program</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Covey Laundry Service Concert Hour</td>
</tr>
</tbody>
</table>

**TUESDAY, NOVEMBER 27**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:30 p.m.</td>
<td>Recipe talk</td>
</tr>
<tr>
<td>4:15 p.m.</td>
<td>Shopping Hints</td>
</tr>
</tbody>
</table>

**Salt Lake, Utah—1130 Kc.**

5000 WATTS—285.3 METERS

“The Voice of the Inter-Mountain Empire”

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 p.m.</td>
<td>Boxing matches at the Arena</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>Dance music</td>
</tr>
</tbody>
</table>

**TUESDAY, NOVEMBER 27**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 p.m.</td>
<td>Informal program</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Hazel and Melba Osborne</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Welsey Baker, novelty accordionist</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>The Utah Instrumental Trio</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Emma Worely and Len Nelson</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Harry E. Erickson, plantist</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Odion Spanish Ballroom Band</td>
</tr>
</tbody>
</table>

**WEDNESDAY, NOVEMBER 28**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 p.m.</td>
<td>Salt Lake Police Department</td>
</tr>
<tr>
<td>6:15 p.m.</td>
<td>Better Business Bureau</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Advice to the Home Gardener</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>“The Romance of Gems.”</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>“The Victory Four.”</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Variety program</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Concert Ensemble</td>
</tr>
</tbody>
</table>

**THURSDAY, NOVEMBER 29**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30 p.m.</td>
<td>Kent Cobb, Buddy Epperson</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Ruth Bergman, soprano</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>“Reminiscences”</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Evans Sisters Trio</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Salt Lake Tabernacle organ and choir</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Wrestling bout at the Arena</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>Odeon Ballroom Band</td>
</tr>
</tbody>
</table>

**FRIDAY, NOVEMBER 30**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 p.m.</td>
<td>NBC—“The Wrigley Revue.”</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>“The Majestic.”</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Charles Lierly, tenor; Beth Whitney</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Irving Webb’s Imperial Six</td>
</tr>
</tbody>
</table>

**SATURDAY, DECEMBER 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 p.m.</td>
<td>The Brinley Brothers Quartet</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>NBC—B. A. Rolfe’s Dance Orchestra</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>“The Classic Trio.”</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>KSL Amateur Night</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Dance music</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>KSL Coyote Club</td>
</tr>
</tbody>
</table>

**Seattle, Wash.—1210 Kc.**

“The Snowflake Station”

Owned and Operated by The Pacific Coast Biscuit Co.

100 WATTS—247.5 METERS

Central Building. Ma. 7907

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:30 p.m.</td>
<td>Better Homes and Gardens</td>
</tr>
<tr>
<td>5:30 p.m.</td>
<td>Musical program</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Sport News</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Entertainment Bureau</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Talk on “The Science of Eating.” by Paul R. McCann</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Musical program</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>Thomas A. Barstow, psycho-nalyst.</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Studio program featuring Bob Mills, tenor.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Vic Meyers and his Trianon Ballroom Orches-</td>
</tr>
<tr>
<td>11:20 p.m.</td>
<td>News items</td>
</tr>
</tbody>
</table>

**THURSDAY, NOVEMBER 29**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 p.m.</td>
<td>Special Thanksgiving concert</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Studio program arranged by Clare Ruehle, soprano</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>Coburn’s Old-Time Dance Orchestra, dir-</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>City Light Department Wood-Wind Ensemble</td>
</tr>
<tr>
<td>9:20 p.m.</td>
<td>Vic Meyers and his Trianon Ballroom Orches-</td>
</tr>
</tbody>
</table>

**SATURDAY, DECEMBER 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 p.m.</td>
<td>Dance Matinee program</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Football scores and incidental sport news.</td>
</tr>
<tr>
<td>5:30 p.m.</td>
<td>Musical recordings</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Studio program</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>Dance Orchestra</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Studio program featuring Frank X. Buck-</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Vic Meyers and his Trianon Ballroom Orches-</td>
</tr>
</tbody>
</table>
The essential features of these programs are identical with those sent by the stations.

**KOA Denver, Colorado—830 Kc.**

12,500 WATTS—361.2 METERS. GENERAL ELECTRIC CO. Pacific Standard Time

"Rocky Mountain Broadcasting Station"

**DAILY EXCEPT SUNDAY**

10:30 a.m.—Farm and Home Hour (except Saturday). 10:45 a.m.—Heard Over the Telephone.

11:00 a.m.—Time Signals.

11:30 a.m.—Weather, Stocks, etc.

11:45 a.m.—Organ Recital.

**SUNDAY, NOVEMBER 25**

9:30 a.m.—Service of First Baptist Church, Denver.

12:30 p.m.—Peerless Reproducer Hour.

1:00 p.m.—Dr. S. Parkes Cadman, NBC.

3:00 p.m.—Steetoon Parade, NBC.

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

4:45 p.m.—Hoff-Schroeder Crystal Studio.

5:15 p.m.—KOA's "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.—Floral Program.

**MONDAY, NOVEMBER 26**

10:45 a.m.—Heard Over the Telephone.

1:30 p.m.—A. C. Gilbert program, NBC.

3:00 p.m.—Stocker Hour.

5:30 p.m.—Brown Palace Hotel Orchestra.

6:30 p.m.—Novelty Boys.

7:00 p.m.—KOA Concert Orchestra.

8:30 p.m.—KOA Players.

9:30 p.m.—KOA Orchestra and soloist.

9:00 a.m.—Reese Popular Trio.

**TUESDAY, NOVEMBER 27**

1:30 p.m.—Auction Bridge same, NBC.

3:00 p.m.—A Recipe a Day.

3:05 p.m.—A Trip Around the World—In Spain.

4:00 p.m.—Voters' Service, NBC.

4:30 p.m.—Tone Pictures, NBC.

5:00 p.m.—Stocks, markets, livestock.

5:30 p.m.—Brown Palace Hotel Orchestra.

6:30 p.m.—Brown Palace Hotel Orchestra.

7:00 p.m.—Collier's Hour, NBC.

7:30 p.m.—Answers on Financial Questions.

7:35 p.m.—Variety—The Spice of Life.

8:30 p.m.—Nick Paluzzi and his Apollo Ball Room.

**FRIDAY, NOVEMBER 30**

8:00 a.m.—Walter Damrosch, N. NBC.

9:00 a.m.—A Reciepe a Day.

9:30 a.m.—Housewives' Matinee.

4:30 p.m.—Stocks, markets, livestock.

5:00 p.m.—Cities Service Orchestra and Cavaliers.

6:00 p.m.—Wrigley Review, NBC.

7:00 p.m.—Stromberg-Carlson, NBC.

7:30 p.m.—Answers on Financial Questions.

7:55 p.m.—The Solitaire Serenaders.

8:05 p.m.—Vincent Lopez and his Hotel St. Regis Dance Orchestra, NBC.

9:00 p.m.—The Music Album—Old love songs.

9:30 p.m.—String Trio.

**SATURDAY, DECEMBER 1**

11:30 a.m.—KOA 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," NBC.

5:00 p.m.—National Orchestra with Walter Damrosch.

6:30 p.m.—Philo Hour, NBC.

7:00 p.m.—Lucky Strike Hour, NBC.

8:00 p.m.—Preview of Int. Sunday School lesson.

8:30 p.m.—Dance program.

---

**El Centro, Calif.—1200 Kc.**

100 WATTS—249.9 METERS. Owned and Operated by E. R. IREY and F. M. BOWLES 100 feet below Sea Level on the top floor of the Chamber of Commerce Bldg.

**TUESDAY, NOVEMBER 27**

11:00 a.m.—Merry Sunshine Hour.

12:00 noon—Fugly-Wegly all over the world.

6:00 p.m.—Old Timers' Nite, Old requests.

7:00 p.m.—The latest musical hits.

8:00 p.m.—Old Timers' Nite. Second request hour.

8:00 p.m.—Optional.

**WEDNESDAY, NOVEMBER 28**

6:00 p.m.—Just a Song at Twilight.

7:00 p.m.—Johnson-Gronie Co.

8:00 p.m.—Variety Request Hour.

9:00 p.m.—R. H. Delno Hour.

**THURSDAY, NOVEMBER 29**

11:00 a.m.—Merry Sunshine program.

6:00 p.m.—Just a Song at Twilight.

7:00 p.m.—Mona Motor; Edgar Bros. Hour.

8:00 p.m.—Three hours of good dance numbers, with a sprinkling of popular song hits of the day.

**FRIDAY, NOVEMBER 30**

6:00 p.m.—Sunset Glow program. City of Imperial Merchants.

7:00 p.m.—Valley Lumber Co. John Deere Co.

8:00 p.m.—Musical request program.

9:00 p.m.—Blue and Gold Hour. Richfield Oil Co.

**SATURDAY, DECEMBER 1**

11:00 a.m.—Merry Sunshine Hour.

12:00 noon—Ridley's request. T. V. Milk Producers Association, Holtville.
Radio Doings

November 24

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DIRECTORY OF DETAILED PROGRAMS

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KELW...Burbank, Cal. 384.4 54  KHQ...Spokane 508.2 74
KEX...Portland 254.1 71  KJR...Seattle 309.1 73
KFI...Los Angeles 468.5 44  KMIC...Inglewood, Cal. 267.7 56
KFOA...Seattle 236.1 73  KMTR...Hollywood 526 50
KFOR...Long Beach 239.9 60  KNRC...Santa Monica 384.4 54
KFQZ...Los Angeles 353.7 56  KNX...Hollywood 235.5 48
KFRC...San Francisco 491.5 68  KOA...Denver 381.2 77
KFSD...San Diego 499.7 64  KOIN...Portland 319 72
KFVD...Culver City, Cal. 423.3 64  KPCB...Seattle 247.8 76
KFUS...Hollywood 315.6 52  KPLA...Los Angeles 526 50
KFSP...Pomona, Cal. 249.9 58  KQR...San Jose 296.9 66
KFWI...San Francisco 322.4 70  KSL...Salt Lake 265.3 76
KG...Spokane 204 74  KTAB...Oakland, Cal. 234.2 71
KGER...Long Beach 218.8 62  KTB...Los Angeles 230.6 58
KGFH...Glendale, Cal. 299.8 52  KPO...San Francisco 440.9 66
KGFJ...Los Angeles 211.1 58  KKO...El Centro, Cal. 249.4 77
KGO...Oakland 379.5 69  KYA...San Francisco 243.8 70
KGW...Portland 483.6 72  National Broadcasting Co. 42

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