

Radiocast Weekly

5¢



FOR WEEK OF

December 20th

to

December 26th

*The Leading
Authority of the
Pacific Coast*

42,000 Copies this issue

**1,000 INCREASE OVER
LAST WEEK**

***The Most Complete and Reliable Schedules and Programs
of Pacific Coast Broadcast Stations***

"Buy Standard Equipment---and Be Safe"



BURGESS "B" BATTERIES

When you use Burgess Radio "A," "B" and "C" Batteries you are using batteries which assure the utmost dependability, longer life and complete satisfaction.

KIERULFF & RAVENSCROFT
RADIO EQUIPMENT

654 Howard Street
SAN FRANCISCO
Phone: Garfield 5453



Wholesale Only

1630-32 S. Los Angeles St.
LOS ANGELES
Phone: Westmore 1817

The Trade Publishing Co. 619 California Street, S. F.

RADIOCAST WEEKLY

MEMBER—RADIO MAGAZINE PUBLISHERS' ASSOCIATION
Established 1922 as BROADCAST PROGRAM

Published by the

PACIFIC RADIO PUBLISHING COMPANY, Inc.

Pacific Building, 823 Market Street, San Francisco

Telephone 1704 and 138

Subscription price, \$2.00 per year, 5 cents per copy

Entered as second class matter, March 25, 1923, at the Post Office, San Francisco, California
Under Act of March 3, 1879

ARTHUR H. HALLORAN, Editor
H. W. DICKOW, Advertising Manager

A. J. URBAIN, Managing Editor
GERALD M. BEST, Technical Editor

VOLUME 4

SAN FRANCISCO, DECEMBER 19, 1925

NUMBER 12

Radio Announcers

THE MOST cussed and discussed feature of our radio entertainment is the announcer, for, like the poor, he is always with us. Unfortunately, he, too, is relatively poor. The one point of superiority of the average program put on by Eastern stations as compared to Western stations is in the announcing.

The Eastern announcers, as a rule, have a wonderful radio personality which makes them welcome in any home. Their voices are deep and well modulated. Their enunciation is distinct. Their pronunciation is correct. They do not stumble over or mutilate foreign words and names. They are not bombastic nor are they ungrammatical. They are apparently men of education and refinement. Many of them are more popular with their listeners than are the movie stars.

There are a few Western announcers who measure up to the full possibilities of these standards. But the great majority are not on a par with the other good features in their programs.

We realize that criticism is unpopular and that critics may be biased. We realize that what pleases one may displease another and that what displeases one may please another. But we have had to come to the defense of this or that announcer so

often in private conversation, that we have to give public expression of our views of the general situation.

The announcer is continually in the public ear. When he is good, he receives flattering letters which have been known to make him conceited. When he is poor, most people prefer to suffer in silence and so there are few to advise him of his shortcomings.

One Eastern station has a critic before whom each of its announcers must rehearse his entire evening announcements. Thereby faulty diction, poor tone quality, and unpreparedness are obviated. If a man is unable to meet the rigorous requirements of the job he is transferred to some other line of work.

It takes an exceptional man to possess all the qualifications of a good announcer. The man with a million dollar voice may not be able to speak the King's English. The man with a complete knowledge of musicians and musical compositions may have a namby-pamby voice. But the listener judges the station by the character of its announcements. As the stations approach perfection their announcers must be faultless. Both are impossible of present attainment but form a good target at which to aim. So let us have better announcers.

The Largest Net Paid Circulation of Any Pacific Coast Radio Magazine



Sylfan Receivers
are made in
two tubes
three tubes
four tubes
five tubes

Sensible prices

Bedtime stories are a *big help* to Grandpa

How well grand-parents appreciate Radio, when they have a Sylfan Receiver, employing a tuneful Sylfan Reproducer and operating with Sylfan MATCHED Blue Special Tubes.

So will you, too, appreciate the beauties of Sylfan Receivers. Have a demonstration.

Look for
the name

Sylfan

It's a mark
of quality

Manufactured and Marketed Nationally and Exclusively by
BAKER-SMITH CO., Inc.
New Call Building San Francisco

BRANCH OFFICE ADDRESSES
New York City, 1270 Broadway Chicago, 10 North Dearborn Street
Denver, McClintock Building
Salt Lake City, Atlas Building Los Angeles, 443 So. San Pedro Street
Portland, Ore., Henry Building
Seattle, L. C. Smith Building Vancouver, B. C., 179 Pender Street, W.

Tell them that you saw it in Radiocast Weekly

The Loud Speaker

By Earle Ennis

"**R**ADIO DX" or long distance work is based on the theory that the melons in the other fellow's yard are the sweetest. Radio fans are like hens. If you want to keep a hen in her own yard, throw her over the fence into the next yard. She'll spend her life trying to get back again. So with listeners of the night.

* * *

San Francisco listens to KFI, KHJ, KNX, KGW and CNRV. Down South, folks tune to KGO, KPO and KTAB. Up north, they work east, and back east, they listen west. Hens—every one of us, trying to get into the yard next door. As with the hen, it is the next door yard that holds the lure for us.

* * *

The last week in January has been set aside for official tests with Europe. We are expected to overheat the only family music box in an effort to reach England, France Germany and similar points. And yet, only 400 years ago our ancestors came to America to get away from Europe.

* * *

Take the man who lives in Oakland and subscribes to the Tribune. He always tunes to KHJ in Los Angeles for his news. While down in L. A., a man who has read the Times all his life, each night tunes in to KLX, to get his information. Then there is J. Smith—tenor. J. S. sings at KGO and we pay not the slightest attention in the world to him. But he goes back to Colorado and sings at KOA, and we work all evening to lure him back through the loud speaker. This is being a hen.

* * *

In buying radio sets, we are hens—nothing but hens. We purchase a crystal

for quality. Then we sacrifice quality and buy a tube set for distance. Having gotten distance, we add more tubes to get quality. This brings in the static, so we cut down the antenna and use a loop to get quality. This destroys distance, so we add more tubes to bring it back. Then, we put back our antenna and couple it to our multi-tube to get louder signals and better quality. And back comes the static again, only louder. And so on—being a hen to the end.

* * *

In instrument design, radio manufacture has become a regular chickenyard affair. The first set had one control—a slider. It had one adjustment—a cat whisker. Then we began to add tubes, adjustments and controls until the ordinary panel resembled a switchboard in a power house. Then, when the panel would not hold any more, we wiped everything off, and came back to one-control sets again. Hens!

* * *

Having done everything else, the only thing that remains is to hear Europe. We don't really want to hear Europe. We've had enough relationship with Europe to last us a long time. But it is now fashionable to hear Europe. And besides, all our friends raise their eyebrows and say: "Oh, YOU can't hear Europe on THAT thing . . ." You know how it is. So we are going to sit up and tune ourselves sick after 2LO . . . We are going to be hens for one night. After that night, when we find out it can't be done, we are going to bed.

* * *

Radio is a good deal like matrimony. Hundreds of persons would never get married.
(Continued on Page 9)



Balkite

the Noiseless Battery Charger

can be used while the set is in operation

The Balkite Battery Charger for Radio "A" 6-volt batteries is entirely noiseless and can be used while the set is in operation. If your battery should be low you merely turn on the charger and operate the set.

Like all other Balkite Radio Power Units, the Balkite Battery Charger is a permanent piece of equipment, has no bulbs, nothing to replace, break or get out of order, does not interfere with your set or your neighbor's, and requires no other attention than the infrequent addition of water. It cannot short circuit, discharge or damage the battery by overcharging, and may be left permanently connected. It will charge a completely discharged battery. Charging rate 2.5 amperes. Current consumption about $\frac{1}{2}$ cent per hour. Operates from 110-120 AC 60 cycle current. Special model for 50 cycles. Also for 25-40 cycles with 1.5 ampere charging rate. **Price \$20**

Manufactured by FANSTEEL PRODUCTS CO., Inc., North Chicago, Ill.

Factory Representatives:

A. S. Lindstrom Co., 274 Brannan St., San Francisco; 324 N. San Pedro St., Los Angeles; 146 $\frac{1}{2}$ N. 10th St., Portland; 95 Connecticut St., Seattle; 407 Dooley Building, Salt Lake City; Jack L. Hursch Co., 1641 Stout St., Denver.

Sold by leading radio dealers everywhere

FANSTEEL
Balkite *Radio Power Units*

BALKITE BATTERY CHARGER • BALKITE TRUCKLE CHARGER BALKITE "B" • BALKITE "B" II
ALL BALKITE RADIO POWER UNITS ARE TESTED AND LISTED AS STANDARD BY THE UNDERWRITERS' LABORATORY

Tell them that you saw it in Radiocast Weekly

Questions and Answers

BY GERALD M. BEST

Questions not requiring diagrams will be answered without charge in these columns. For personal answer the charge is 25 cents for each question answered including diagrams.

Have a 5 tube Grebe Synchrophase Radio, and have wonderful reception on very distant stations, but KGO comes in so blurred at times that we can hardly understand what is being said. The noonday concert is wonderful, however, most of the trouble being after sunset. We are way up in the Sierra Nevada mountains, and have a 125 foot antenna.

Mrs. J. A. C., Emigrant Gap, Calif.

There is obviously nothing wrong with your set. Here is the same old problem again in a new form, and the engineers of KGO will be very grateful if a reliable explanation can be given for the fact that reception of their signals in various parts of the Sacramento Valley and along the Sierra Nevada slope is bad at night, but very good in the daytime. Stations on the east side of San Francisco Bay seem to have this trouble to a greater or less degree, and it may be due to a variety of causes, such as large deposits of minerals in the territory mentioned, the presence of large groups of hills directly east of the transmitting stations, and others too numerous to mention. On a recent trip to Sacramento I noticed the same phenomena you describe and no doubt many of our readers can report the same difficulty.

Have a Radiola No. 25 Super-heterodyne with inside loop. Live about 200 feet from a 60,000 volt high power line and 1000 from a suburban electric line. Would these lines cause interference and if so, would an outside antenna help me?

G. M. J., Petaluma, Calif.

If any of the insulators or transformer equipment on the power lines are defective, you will certainly experience noise in your radio set. The use of an antenna outdoors would increase the noise, so that if you are obtaining satisfactory loop reception, it would not be advisable to install an outdoor antenna.

My three tube regenerative home built set is not selective on the lower waves. I have a straight line capacity condenser now, and would like to know if buying one of the new frequency converter dials would improve selectivity.

E. R., San Francisco, Calif.

As you do not tell me enough about the circuit you are using, I cannot offer any suggestions to improve selectivity. It appears that your trouble is principally from having the stations bunched too close together at the lower end of the condenser scale, and the addition of a straight line frequency dial will separate these stations ON THE DIAL, but will not in any way improve the actual selectivity of your tuned circuit. Your set will not be one bit more selective after changing the dials, but it will be easier for you to tune the set due to the slower motion of the condenser plates for a given movement of the condenser dial.

My three circuit tube set tunes from 320 to 600 meters. How can I reduce the wavelength range to 200 meters minimum and 500 maximum?

J. W. S., San Francisco, Calif.

The minimum capacity of your air condensers may be too high, and your inductance coils undoubtedly have too many turns. Try removing 10 turns from the secondary coil, and note the minimum wavelength. If you are still unable to tune to 200 meters, the placing of a .0001 mfd. fixed condenser in series with each air condenser will permit close tuning from around 200 meters to approximately 250 meters, and with the fixed condenser short circuited the higher wavelengths may be tuned with the same variable condenser.

Would it be possible to use a Westinghouse Rectigon Charger, through a series of condensers and a choke, to make a B eliminator? Can you tell me the positive voltages of a Westinghouse Rectigon Battery Charger for all three taps? Does the Westinghouse Charger give full-wave pulsating direct current or one-half wave rectification?

R. T., Berkeley, Calif.

The Rectigon Charger which is equipped to charge B batteries works best under a load which is greater than you would have in supplying plate voltage for a radio set, and consequently considerable power would be wasted in the filament current for the rectifier bulb and in current consumed by a load resistance which would be necessary. It could be made to produce d. c. for

(Continued on Page 9)

Cunningham

RADIO TUBES



The growing list of dealers who look here for a dependable tube supply, speaks well for the testing and care which is exercised by our tube department. It can serve you promptly and carefully, and orders in at 5 p. m. are out the same night.

Atwater Kent Sets and Speakers
Pooley-Atwater Kent Furniture
USL A's and B's
Electron Chargers
Eveready Batteries

ERNEST INGOLD, INC.

950 Van Ness Avenue

Wholesale Radio

San Francisco

Tell them that you saw it in **Radiocast Weekly**

Questions and Answers

(Continued from Page 7)

B supply with the proper filter, but detailed description of how to accomplish this cannot be given here. For the two ampere charger, the secondary voltage for a 4-volt battery is around 10 volts, and for the 6-volt battery tap, 15 volts is normally required. The B battery tap supplies approximately 100 volts when a 75 watt mazda lamp is placed in series with the output, but the voltage can be reduced by placing a lamp of higher resistance and lower power consumption. The charger is a half wave type and would require two rectifier bulbs if it were to give full wave rectification.

Have a Radiola 24 Superheterodyne portable with self contained speaker. It is necessary to turn the filament voltage up to 3 volts and tune in a station to maximum loudness, and then wait a few seconds before the loud speaker will function. The filament voltage can then be turned to 2½ volts and the set will work all right until after it has been turned off for some time. What could be the cause of the trouble?

W. V. H., San Francisco, Calif.

The normal filament voltage of your set is 3 volts. If you operate it at 2½ volts, you may be working the detector and audio amplifier tubes at a filament voltage which will lower the plate current to a considerable degree and cause distortion in the loud speaker output. The trouble may be in the loud speaker itself, and the easiest method of locating it is to take the set to the dealer from which it was purchased and have a new speaker unit substituted temporarily, so that a check can be made. If the new speaker causes the same trouble, it is probably in the tubes, which may need rejuvenation.

What are the correct proportions for winding a three circuit tuner for use with a .00025 mfd. tuning condenser?

P. J. F., Etna Mills, Calif.

The secondary coil should be wound on a three in. tube, and should consist of 65 turns of No. 22 D.C.C. or silk covered wire, wound on a 3 in. tube. The tickler coil, if it is of the variable type, should be wound on a 2 in. tube, with 30 turns of No. 22 D.C.C. wire. Place the tickler coil at the filament end of the secondary, and mount it so that it can be varied in position with respect to the secondary. The aperiodic primary coil may consist of 15 turns of No. 20 D.C.C. wound at the filament end of the secondary coil, on the same 3 in. tube.

My radio battery will not charge any higher than three fourths full. Can you tell me how to make it charge to full capacity.

F. H. M., Sacramento, Calif.

If the battery fails to come up to full charge, even with continued charging with a battery charger which is known to be O.K., the battery is probably defective, and should be inspected by a reliable battery repairman. Adding acid or other similar expedients are not advised, as the battery may have a slight leak and the addition of acid will ruin it.

I have a Stromberg-Carlson receiver, and want to do away with B batteries. What type of B eliminator would you recommend? If possible, name several.

M. G. O., Dixon, Calif.

Please do not ask us to recommend a specific make of radio apparatus, as we cannot comply. Several excellent B eliminators which can be made from standard parts have been described in the November and December issues of RADIO magazine.

My 3 tube Crosley Trirdyn works fine on local stations, but on KFI, KGW, CNRC, and other distant stations, the signals fade almost away sometimes. What could be the trouble?

A. H. L., San Francisco, Calif.

The fading you are experiencing is common to all radio receivers, and occurs on any station over 100 miles distant from the receiving set. The cause of fading has never been adequately explained, but the most logical reason is that the intervening atmosphere absorbs energy from the transmitting station at irregular periods and causes the signal to fade. There is nothing you can do to remedy the trouble.

The Loud Speaker

(Continued from Page 5)

ried if it wasn't for a latent desire to see what is over in the next yard. Having seen and having tuned in all the family static that goes with most married life, they'd be perfectly content to tune it all out again. They have found life's "DX" not half as good as local freedom. But that is just where marriage and radio begin to differ. With radio, you can go back to local conditions without a court order.

* * *

All of which is being a hen. We are all hens—except those of us who are roosters, and when you come right down to it, a rooster is merely a console-model hen  all.

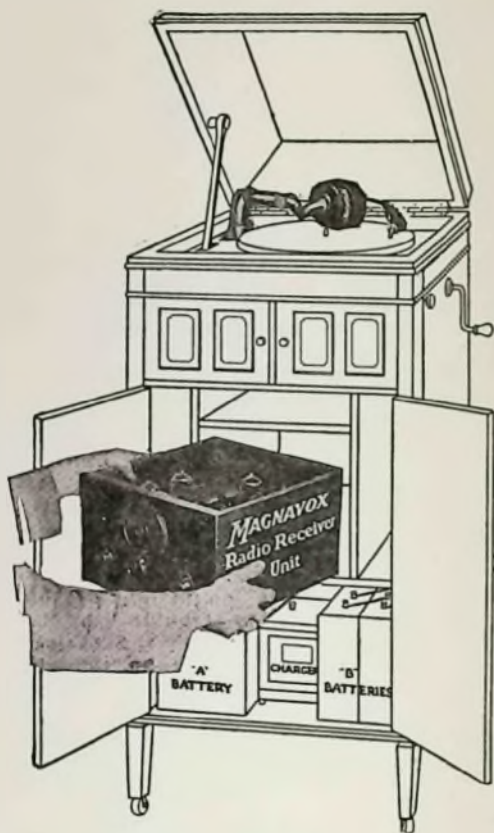
MODERATE IN PRICE COMPLETE IN EVERY RESPECT IS THE MAGNAVOX

The Magnavox Receiver Unit can be installed in your phonograph at a very nominal cost. The Receiver Unit is installed in the lower compartment of any phonograph cabinet and attached to the phonograph tone arm—that's all, and you have a splendid radio set and a handsome cabinet phonograph.



ONLY \$110 (Less Accessories)

The Magnavox-10 is a popular priced radio receiving set that has the good qualities of many far more expensive instruments. Like all Magnavox sets, it is controlled entirely by one dial, something that will appeal to everybody for its convenience and simplicity.



MAGNAVOX RECEIVER UNIT

ONLY \$85.00 (Less Accessories)

COME IN TODAY

QUARG MUSIC CO.

206 POWELL STREET, Cor. of O'Farrell

SAN FRANCISCO

TELEPHONE DOUGLAS 3323 and GARFIELD 1250

OPEN EVENINGS

Tell them that you saw it in Radiocast Weekly

Transmission Experiments at Schenectady

THOSE WHO grope among the air channels at night have found an increasing number of radio stations signing "General Electric Company, Schenectady." There are now nine transmitters applying electrical impulses on nine different wavelengths from Schenectady, and during some periods seven transmitters may be on the air at the same time. Not all, however, radiocasting, some are transmitting code - but each is on its own wavelength and each is applied to its apportioned task.

Schenectady, in the past eight months, has become the great world center of radio transmitter experimentation. Within three miles of the city the General Electric Company has constructed a gigantic transmitter developmental station. On the plot of many acres eight transmitters have been erected. Each transmitter has its independent antenna system and these systems, as well as the transmitters, are constantly undergoing changes as information on operation and reception accumulates. All transmitters are constructed on wooden frames and may be quickly dismantled or altered as defects are discovered and new methods are devised.

The men at the transmitters are doing only part of the work, for development would be impossible without reports on reception of the output of these stations. The entire country, as a result, becomes a laboratory and the interested radio experimenter is invited to become a volunteer co-worker. The General Electric Company is greatly indebted to these listeners who have thus far reported on the various tests, notably the 50 kilowatt radiocast tests and the programs radiocast alternately from vertical and horizontal antennas on super-power.

Reports from volunteer listeners are supplemented by observations made by a corps of field engineers who are detailed to various parts of the country. For example, engineers are traveling about with a truck

equipped with measuring instruments by means of which the characteristics of the radiated energy may be accurately set forth. Men are also detailed on ocean voyages for the express purpose of measuring the South Schenectady signals under varying conditions. Measurements have been made in tropical latitudes and in sections of the country where fading has been pronounced.

Investigations at the South Schenectady station include the short and long wavelengths, code and radiocast signals, with various degrees of power input and a side variety of antenna structures. Engineers are painstakingly recording data on transmission during daylight and dark, in rain, snow or fog, during the daylight and at dark.

At the present time the following stations may be heard on the air with radiocast programs from the studio WGY: 2XAG, 379.5 meters; 2XK, 109 meters; 2XAF, 41.88 meters. Telegraph or continuous wave signals are put out from: 2XAZ, 214 meters; 2XAC, 80 meters; 2XAD, 21 meters; 2XAW, 15 meters. 2XAH operating on 1560 meters is now undergoing changes in design, but has been on the air for weeks and will be heard again in a short time.

At some hours during the week, all the radiocast stations are used for code transmission. For example, Monday, Tuesday, Wednesday, Thursday and Friday mornings, from 9 to 10 o'clock stations 2XAH, 2XK, 2XAC, 2XAF, and 2XAW are on code. From 9:00 to 9:30 a. m., 2XAG, using super-power is on, and from 10 to 11 a. m. 2XAZ may be picked up on 214 meters.

Monday, Tuesday, Thursday and Friday nights, from 6 o'clock to the conclusion of the WGY programs, 2XK and 2XAF may be heard on 109 and 41.88 meters respectively, with the studio program.

(Continued on page 13)

Repairing

All our repairing and testing is done by competent men, with modern apparatus. When a set is finished, it is as near right as it is possible to make it.

Service

A phone call will bring a man able to put your set in its best working order. We are glad at any time to give any help or information you may need to keep your set working right, or about repairing or building a set.

**BRING YOUR TUBES IN AND HAVE THEM TESTED
THIS SERVICE IS FREE**

A full line of the best parts obtainable

Precise Products, Burgess Batteries, Sangamo Condensers
We Are Open Every Evening

Till Ten O'Clock

Bakelite Cut and Engraved

MAIL ORDERS GIVEN SPECIAL ATTENTION



TUSTIN RADIO

SALES

SERVICE

SUPPLIES

428 Sutter Street, at Stockton Street

Phone Garfield 6972

THE FRESHMAN MASTERPIECE

New and Improved Has Arrived

See this line before buying your receiver. Beautiful cabinet, wonderful results and at a price to fit your purse. A set well worthy of a place in your home. A five-tube set as low as \$42.50. Hear this line demonstrated. Many models from which to select.

QUALITY RADIO SHOP

86 Fourth Street

Phone Garfield 1076

Near Mission Street

San Francisco

Open Evenings Until 9

Tell them that you saw it in Radiocast Weekly

Transmission Experiments

(Continued from page 11)

WGY. These same stations also radiocast the afternoon programs on the same day, from 2 to 3 o'clock.

Sunday and Saturday evenings, WGY uses the 50 kilowatt transmitter of 2XAG

at South Schenectady and on these evenings the only other transmitter used is 2XAF, on 41.88 meters. Monday and Wednesday 2XAH, 2XK, 2XAC, 2XAF, 2XAD and 2XAW will be on the air with code from 11 p. m. to 12 Eastern standard time.

Thorola

I S L O D Y N E

A Complete Line of Sets

Dealers—We will be glad to demonstrate

UNIVERSAL ELECTRIC COMPANY

Garfield 6443

137 5th Street, San Francisco

New Stock of Appliances

Northern Electric 6 Volt Tube New Type

The finest audio tube made, improves your set for volume and distance. Price\$6.50

A Complete Line of General Radio

"B" Battery Eliminator Parts in Stock

Raytheon Tubes

General Radio Transformers

Deutschman Condensers

All to make your own Battery Eliminator

GOLDEN GATE RADIO & ELECTRIC CO.

1346 Polk Street

GRAYSTONE 226

MAIL ORDERS SOLICITED

Tell them that you saw it in Radiocast Weekly

Pathex

MOTION PICTURE

Camera and Projector

Pathex is the fastest money maker for dealers that has hit the Pacific Coast in five years. Everybody wants it, for with Pathex you can make motion pictures as easily and at no greater cost than taking snapshots.

The Pathex Camera and Projector are simple; compact, easy to carry, easy to operate and surprisingly economical. Price complete is \$99.50. One load of film costs only \$1.75 which includes developing and returning to owners ready to show.

Pathex is an all year seller—it goes even bigger in summer than in winter. Dealers already handling it report whirlwind sales.



For Franchise, Apply to

MUNSON-RAYNER

Corporation

Distributors for the Pacific Coast

643 S. Olive St.
Los Angeles

86 Third St.
San Francisco
Phone Douglas 6270

63 Sixth St.
Portland

48a

Tell them that you saw it in Radiocast Weekly



WESTON Radio Plug

SOMETHING marvelous on the air and you'll never hear it again! Perhaps it's a speech that makes history or maybe it's thrilling, elusive melody—make the fastest change from head-set to loud-speaker, get a positive, clear-cut connection with the WESTON RADIO PLUG. This is the pioneer and the leader in automatic plugs. Now only 60c. Ask to see it at your dealer's, or write us for the free booklet, "Weston Radio Instruments."

Pacific Coast Representatives

WESTERN ELECTRIC CO.
with Headquarters in Seattle

J. H. SOUTHARD
682 Mission St., San Francisco

A. A. BARBERA
502 Delta Bldg., Los Angeles



**Weston Electrical Instrument
Corporation**
96 Weston Avenue, Newark, N. J.



Absolutely Dependable

—The—

SUPREME

Copyrighted—Patent Pending

CRYSTAL RECEIVING SET

A NEW INVENTION

**Decidedly Different
and Original**

**SEE IT, HEAR IT, AND YOU
WILL HAVE NO OTHER**

**We will pay \$50 to anyone
for a Crystal Set Equal or
Better than the "Supreme"**

Contestants are excluded who Copy from
Our Original Achievement

**PURCHASE THE "SUPREME" AND
TAKE NO CHANCES**

Because we guarantee to refund the purchase price if after 10 days you do not find it the best of them all or is misrepresented in any way.

We guarantee to tune out any powerful station in any locality.

Its volume, selectivity and simplicity of tuning cannot be approached by any other.

All bay stations can be received with the "SUPREME"

Receives Los Angeles
on Head-Set

**Hear It Operate a
Standard Loud Speaker**

Price \$15.00

Open Evenings

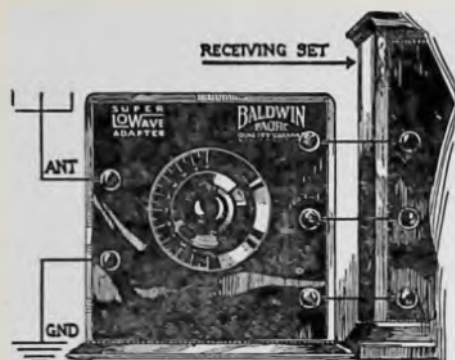
Manufactured, Guaranteed and Sold
Only by

Radio Products Sales Co.
150 Fourth Street, San Francisco

Get KDKA - WGY - KFKX on their powerful Low Wave Broadcasting

*Genuine Baldwin Pacific
Super Lo-Wave Adapter*

The low price of \$4.95 is made for the sole purpose of introducing this device to the radio public. Shortly the price goes up to \$10.00. Get your Super Lo-Wave adapter now and save 50%.



= ONLY =
\$ 4.95
POSTPAID
ANYWHERE

Introductory Price

REGULAR PRICE \$10

The Baldwin-Pacific "Super Lo-Wave Adapter" is designed to cover a wave length from 40 to 125 meters so as to enable reception of various radiocasting stations operating from 62 to 100 meters such as KDKA, WGY and KFKX.

Just connect the adapter to the Super-Heterodyne receiver so that the three terminals ordinarily connected to the three tap loop antenna are connected to the three binding posts at the right of the adapter. In case the receiving set uses a two tap loop, connect the receiver to the upper and lower binding posts, or when used with Radiola and similar Super-Heterodyne receivers, ABANDON THE CENTER POST ON THE ADAPTER. The antenna and ground are connected to the binding posts so marked on the adapter. Complete and simple directions accompany each adapter.

Do you know that Station KDKA has been heard in Spain, England, France and even South Africa on Low Waves?

Do you know that short waves point the way for future international broadcasts and rebroadcasts of foreign programmes?

Do you know that high frequency broadcasting requires special and absolute precision in its application as a means of communication?

MAIL ORDERS

You can order by mail. Send \$4.95 now. Shipments same day your order reaches us. We pay the forwarding charges.

QUALITY RADIO SHOP

86 FOURTH STREET

SAN FRANCISCO

Tell them that you saw it in Radiocast Weekly

Stewart-Warner
Matched-Unit Radio
 INSTRUMENTS TUBES REPRODUCERS ACCESSORIES

There's Everything in a NAME

(when buying a Radio)

WORTHY manufacturers invest millions of dollars in promoting the good will of their name. These names are instantly associated with success, prestige, quality merchandise and a mighty list of satisfied customers.

Such a name is STEWART-WARNER. Twelve million satisfied people are today using Stewart-Warner Products.

When you buy a Stewart-Warner Matched-Unit Radio, you KNOW instinctively that it is a piece of dependable merchandise.

If you haven't your dealer's name write to us at once and we'll send it. You'll never know what complete radio satisfaction means until you own a Stewart-Warner Matched-Unit Radio!

A Reliable Manufacturer plus Reliable Merchandise plus
 Reliable Representatives = Your Radio Satisfaction

STEWART-WARNER PRODUCTS
SERVICE STATION
 WHOLESALE DISTRIBUTORS

1450 Van Ness Ave.
 San Francisco

1516 J Street
 Sacramento

1412 Broadway
 Fresno

SCHEDULES FOR SUNDAY**DECEMBER 20, 1925**

Pacific Time, Corrected Weekly. For Wave Length, Location, Power and Owner, See Page 68

a. m.	Central Cal.	Southern Cal.	Pacific N. W.	Inland
9 to 9:30	KFDS			KTIS KYW KOIL
9:30 to 10	KTAB KPO KFWM			KTIS KYW KLOS KOIL
10 to 10:30	KLS KRE KPO KFWM KQW	KFI KHJ KNX	CFAC	KOA KTIS KLOS
10:30 to 11	KLS KRE KPO KFWM KQW	KFI KHJ KFSO KNX KTBI KPCC	KTW KQW	KOA
11 to 11:30	KGO KFQU KTAB KQW	KHJ KTBI KNX KPCC KFSO KFI	KTW KFIO KQW KJR CFCT	WOC KOIL
11:30 to 12	KGO KFQU KTAB KQW	KHJ KTBI KNX KPCC KFSO KFI	KTW KFIO KQW KJR CFCT	WOC KOIL
p. m.				
12 to 12:30	KFRC KQW	KHJ KTBI KFSO	KTW KJR	WGN WOAW
12:30 to 1	KFRC	KFWO		WGN KDKA WBAF WQJ
1 to 1:30	KFWM		KTCL	KDKA WGN WBAF WQJ
1:30 to 2	KFWM		KTCL	WDAF WCOO KDKA KOA KFAB WGN KYW
2 to 2:30		KNX		WDAF KDKA KOA KFAB WGN KYW
2:30 to 3	EGTT	KFSO KFON KNX		WNR
3 to 3:30	KHJ	KFSO KFON KNX	KTW KTCL	WBB KDKA
3:30 to 4	KGO KFUS EGTT	KFSO KFON KNX	KTW KTCL	KDKA WOAW
4 to 4:30	KGO KFUS EGTT	KFSO KFI KHJ KFON KNRC	KTW	WFAA WOC WGY WJZ KDKA
4:30 to 5	KGO EGTT	KFI KHJ KNRC		KDKA KYW WLS WFAA WGT WJZ WKRC KOIL
5 to 5:30	KPO KJBS	KFWO KNRC	KJR	WSD KDKA KYW WOS WJZ WGY WLS WOAI KOIL WKRC
5:30 to 6	KPO KJBS	KTBI KFON KNRC	KJR	WBB WSB WFAA WCOO WEAR WOC WLV WOAI WJZ WGR WGY WCOO KOIL WQJ KYW WCAP WBB WCAU WBS
6 to 6:30	KPO KJBS KFWM	KTBI KFON KNRC		WBB WFAA WCOO WGBS WOC WEAR WLV WJZ WGR WBB KOIL WGY WCOO WQJ KTW WBS WCAP KOA WCAU
6:30 to 7	KFRC KPO KRE KFWM	KFI KTBI KFWO KHJ KPCC KNRC	CJCA CFAC	WBB WOAI WGN WGY WJZ WGBS WOC WFAA WJY WQJ KYW WGBS
7 to 7:30	KFRC KPO KRE	KTBI KFWO KHJ KNRC KFI KFSO KNX KPCC	CJCA CFAC KJR	KTIS WOAI WGN WGY WJZ WGBS WOC WFAA WJY WQJ KYW WGBS
7:30 to 8	KTAB KQW	KFI KFSO KNX KPCC KTBI KNRC KHJ	KTW KFIO KJR CJCA CFCT KQW	WFAA WOC WOAI KSL WJY KYW
8 to 8:30	KGO KFRC KPO KRE KTAB EGTT KFUD KQW	KFI KHJ KFON KNX KPCC KFSO KTBI KFWO KNRC	KTW KFIO KJR KQW KTCL CFCT	WFAA WOC WOAI KSL WJY KYW
8:30 to 9	KGO KPO KRE KFOO KFRC KTAB EGTT KQW	KFI KHJ KTBI KFON KNX KFSO KFWO KNRC KPSN	KTW KGY KFIO KQW KTCL KJR	WFAA WOC KSL WENE KTIS WJY WKRC
9 to 9:30	KPO KFQU KRE KQW KFRC KGO KFQU	KFI KHJ KNX KQWB KFSO KTBI KPSN	KGY KTW KTCL KJR	WBAF WOC WLB KFUR WKRC KOIL
9:30 to 10	KPO KFQU KRE KFRC KTAB	KFI KHJ KFWB KFSO KNX	KTW KTCL KJR CFCT	WBAF WLB KFUR WOC KOIL
10 to 10:30	KFRC KTAB	KFWB KFSO KNRC KFI KNX		WLB KFUR KGO
10:30 to 11	KFRC KTAB	KFWB KFSO KNRC KFI	KJR CFCT	KFUR KGO
11 to 11:30	KFRC			
11:30 to 12	KFRC			

KYW radiocasts news items every half hour—on the hour and on the half—during day and night

RADIO CABINETS—We Make Them Right

Fabricoid-covered cabinets. Very attractive. Made to your own design and measurement.

Cabinets ordered today can be delivered tomorrow. Prices are reasonable.

Phone us for an Estimate—Butler 687

MUHS MANUFACTURING CO.

272 TEHAMA STREET, near Fourth

SAN FRANCISCO, CALIFORNIA

This WILLARD Fits Your RADIOLA



Willard 4-Volt 'A',
Type MCRR-110. Capac-
ity 35 a. h. There's also a
6-volt Willard 'A' for use
in cabinets. Cap. 45 a. h.

A battery made espec-
ially to fit Super-Hetero-
dyne and Super VIII
Cabinets. Designed to
prevent spilling no
spray during charging
. . . hard-rubber case . . .
Threaded Rubber In-
sulation.

\$14⁵⁰

TYPE MCRR-110

EASY TERMS!

25% DOWN, BALANCE
IN 90 DAYS

Recharge at home with a
BALKITE TRICKLE CHARGER, \$10.50 COMPLETE

Sold by Authorized
Radio Dealers and All
San Francisco Willard Service Stations

Julius Brunton & Sons Co.

1380 Bush St., near Polk, San Francisco

[MAIL ORDERS SHIPPED PREPAID]

RADIO STATION **KJBS** 220 METERS

Tell them that you saw it in Radiocast Weekly

PROGRAMS FOR SUNDAY

DECEMBER 20, 1925



Dr. J. L. Gordon
KGO—11 a. m.



Verna L. Day
KPO—9:45 a. m.



Mildred Randolph
KGO—3:30 p. m.



S. J. Osborne
KTAB—9:30 p. m.

467 Meters

KFI

640 Kilocycles

Copyright 1925 by E. C. Anthony, Inc., L. A.
10 a. m.—Morning services under the direction of the Los Angeles Church Federation
11 a. m.—Morning Services Temple Baptist Church
4 p. m.—Vesper Services, arranged by Federated Church Musicians
6:30 p. m.—KFI Nightly Dols and Amusement Information service
6:45 p. m.—Father Ricard's Sun Spot Weather Forecast, Music Appreciation Chat
7 p. m.—Aeolian Organ Recital, Dan L. MacFarland at the console of the Aeolian Reside-
nce Pipe Organ
8 p. m.—Classic Hour, featuring Marchetti Concert Quartette
9 p. m.—Program presented by L. A. Examiner
10 p. m.—Packard Six Orchestra; co-direction of Bill Hennessy and Chet Mittendorf. Dolly MacDonald, soloist

405.2 Meters

KHJ

740 Kilocycles

Los Angeles Times, Los Angeles, California
10 a. m.—Sermon from KHJ studio by Dr. H. C. Culbertson, pastor of Mesa Congregational Church
10:30 a. m. to 12:30 p. m.—Organ recital and religious service from the First Methodist Church; Arthur Blakeley, organist, and Rev. Elmer E. Helms, pastor
4 to 5 p. m.—Afternoon musicale
6:30 to 7 p. m.—Leighton's Cafeteria Orchestra, Jack Cronshaw, director
7 to 8 p. m.—Church services from the First Methodist Episcopal Church
8 to 10 p. m.—Program through the courtesy of the Martin Music Company

322.4 Meters

KOA

930 Kilocycles

General Electric Company, Denver, Colorado
10 a. m.—Service of Trinity Methodist Episcopal Church, Dr. Loren M. Edwards, pastor
2 p. m.—Afternoon music hour, organ recital from Municipal Auditorium, Clarence Reynolds, organist
6:45 p. m.—Service of Trinity Methodist Episcopal Church

256 Meters

KFUS

1170 Kilocycles

Sherman School, Oakland, California
9 to 9:30 a. m.—Half hour of Sunday School Lesson program under the auspices of the magazine "Today," Mabel F. Sherman, editor.
3:30 to 4:30 p. m.—Studio program of sacred music by the Chorus of the Oakland Temple Baptist Church, Chas. E. Ross, pastor. Chorus numbers and solos, with a message from the pastor
Solo, Sweet Hour of Prayer, Mr. Hoff
Duet, I Belong to the King, Davis Sisters
Quartet, Oh Love That Will Not Let Me Go
Message by Dr. C. E. Ross
Chorus numbers: There's a Stranger at the Door, Grace Enough for Me, Abundantly Able to Save, The Touch of His Hand on Mine, In the Service of the King, Singing All the Time, Since the Fullness of His Love Came In, His Way With Thee

207 Meters

KFWM

1440 Kilocycles

Oakland Educational Society, Oakland, Cal.
9:30 to 11 a. m.—Christmas services, special music, children's service, Bible lecture, "The Birth of Jesus"
1 to 2 p. m.—Bible talk, "Incidents in the Life of Christ"
6 to 7 p. m.—Christmas services
Special music
Bible lecture, "Peace on Earth, Good Will to Men"

316 Meters

KPSN

950 Kilocycles

The Pasadena Star-News, Pasadena, Calif.
8:45 to 9:45 p. m.—Maryland Artists Ensemble, Henri J. Van Praag, director, from the Hotel Maryland, Pasadena

491.5 Meters

KGW

610 Kilocycles

The Morning Oregonian, Portland, Oregon
10:25 to 12 noon—Morning Services from First Presbyterian Church
7:25 to 9 p. m.—Evening services from First Presbyterian Church

Sunday Programs—Continued

361 Meters **KGO** 830 Kilocycles

General Electric Company, Oakland, Calif.

11 a. m.—Service of the First Congregational Church, San Francisco; Rev. James L. Gordon, D.D., pastor
Organ Prelude, Uda Waldrop, Municipal Organist of San Francisco
Doxology and Invocation
Hymn—Joy to the World
Baritone solo, James Isherwood—
The Better Land.....Cowen
Scripture Lesson
Prayer
Organ Offertory—
Noel.....Adams
Hymn—O Come, All Ye Faithful
Sermon, "The Cradle of the Christ," Rev. James L. Gordon, D.D.
Baritone solo, James Isherwood—
The Star of Bethlehem.....Stephen Adams
Hymn—Hark! The Herald Angels Sing
Benediction
Organ Postlude

3:30 p. m.—Concert, KGO Little Symphony Orchestra, Carl Rhodehamel conducting
Orchestra selections—
Waltz, Adoration.....Legrand
Overture, Oberon.....Weber
Selection, Martha.....Flotow
Soprano solo, Helene d'Asalena—
Swiss Echo Song.....Eckert
Orchestra selection—
Hansel and Gretel.....Humperdinck
Christmas Music (a talk) Arthur S. Garbett
The Toy Symphony.....Haydn
Soprano solos, Helene d'Asalena—
Elegy.....Massenet
Summer Wind.....Bischoff
Orchestra—
Overture, Orpheus.....Offenbach
March, Pyrenees.....Duvold

7:45 p. m.—Service of the First Congregational Church, San Francisco; Rev. James L. Gordon, D.D., pastor
Prelude, Uda Waldrop—
Favorite Melodies on Chimes and Echo Organ
Hymn, It Came Upon the Midnight Clear
Scripture Lesson
Prayer
Vocal solo
Organ offertory, Old Christmas Carols
Hymn, Tell Me the Old, Old Story
Question Drawer, Rev. James L. Gordon, D.D.
Vocal solo
Hymn, Little Town of Bethlehem
Benediction
Organ Postlude

252 Meters **KLS** 1190 Kilocycles

Warner Brothers, Oakland, California

10 to 11 a. m.—Radio Church of America, services under direction of Evangelist W. R. Fairfield. Music in charge of Grace L. Fairfield

220 Meters **KJBS** 1360 Kilocycles

Julius Brunton & Sons Co., San Francisco
5 to 6:30 p. m.—Studio program given by the Californian Syncopators Orchestra, playing request numbers, under the direction of F. L. Worrell. Intermission numbers by Gertrude Jacoby and Sheridan Williams

240 Meters

KTAB 1250 Kilocycles

Tenth Ave. Baptist Church, Oakland, Calif.
9:45 a. m.—Bible lecture by Prof. E. G. Linsley of Mills College

11 a. m.—Morning Church Service
Organ Prelude, Ida M. Fording—
Christmas Pastorate.....Harker
Guests soloists, Mrs. J. E. Bowersmith, contralto, and Mr. Dean Gross, baritone
Anthems by choir, Dr. C. D. Goodman, director
The Birthday of a King.....Neidlinger
There Were Shepherds.....Marks
Nazareth.....Gounod
Organ Offertory, Ida M. Fording—
Virgin's Prayer.....Massenet
Address, Rev. Geo. W. Phillips, pastor
Organ Postlude—
March Triumphant.....Callaerts

7:45 p. m.—Evening Church Service
Organ Prelude, Ida M. Fording—
Offertoire in D.....Eratiste
Sacred Cantata, "The Star of Promise," by E. L. Ashford, given by the KTAB Choir.
The soloists will be: Mrs. Laura Broderick, Miss Helen Holmes, Miss Constance Morgan, Mrs. W. A. Sorensen, sopranos; Mrs. J. E. Bowersmith, contralto; Guy Brown and Willard Russell, tenors; B. E. Calvin and Dean Gross, basses
Organ Offertory, Ida M. Fording—
Cujus Animam.....Rossini
Address, Rev. Geo. W. Phillips, pastor
Organ Postlude—
Hallelujah Chorus.....Handel

9:30 to 11 p. m.—After-Service Concert
Baritone solos, W. J. Osborne—
Eternal Rest
My Task
Male Quartette, S. J. Osborne, 1st tenor; Ben Banner, 2nd tenor; W. J. Osborne, 1st bass; Jack Pouchong, 2nd bass—
Dayside Cross.....St. John
One Sweetly Solemn Thought
Violin solos, Ward McRacken
Contralto solos, Miss Agnes Pieper—
Song of Mary.....Bayard
Nowell
Piano solos, Hugh Fowell—
Prelude in C Sharp Minor.....Rachmaninoff
Il Trovatore.....Doris
Tenor solos, Herbert Caswell—
Come Jesus Redeemer
Little Grey Home in the West
Violin solos, Ward McRacken
Address, Rev. C. G. Lindemann, Pastor of Wesley M. E. Church of Richmond
Male Quartette—
The Beautiful Land
Silent Night, Holy Night.....Mohr

256 Meters **KRE** 1170 Kilocycles

Berkeley Daily Gazette, Berkeley, California
10 to 11 a. m.—Church service by the Salvation Army (Oakland Branch) Adjutant Herbert Carroll in charge. Special Christmas music rendered by the Silver Prize Band, under direction of Bandmaster A. W. Eryant
6:30 to 7:30 p. m.—Dinner concert, radiocast from the dining room of the Hotel Claremont, Berkeley, by the Stirling Trio Classique. Richard Bailey, piano; Maurel Hunkins, violin; Sterling Hunkins, cello
8:15 to 9 p. m.—Social concert by the Stirling Trio Classique with vocalists
9 to 10 p. m.—Hour of sacred music by the Silver Prize Band of the Salvation Army, of Oakland, A. W. Eryant, bandmaster

(Programs continued on next page)

Sunday Programs—Continued

428 Meters **KPO** 700 Kilocycles

Hale Bros. & The Chronicle, San Francisco

9:45 to 10:45 a. m.—Undenominational and non-sectarian church service. Talk, "The Challenge of Bethlehem" by Dr. H. H. Bell, executive secretary, San Francisco Federation of Churches

Contralto solos, Verna Lorraine Day—

The Virgin's Lullaby from "The Coming of the King".....Buck
Come Unto Me.....Knowlton

Hymn, O Come All Ye Faithful

Uda Waldrop at the organ
Improvisation of a familiar theme by Uda Waldrop at the Wuritzer Organ

10:45 a. m.—"Ye Towne Cryer" and amusement Information Service

5 to 6 p. m.—Organ recital by Marshall W. Gislman at the California Palace of the Legion of Honor

6 to 6:30 p. m.—Waldemar Lind and the States Restaurant Orchestra—

Ballet Music.....Chaminade
In Finland.....Sibelius
Song of the Soul.....Breil
Selection, Katy the Dancer.....Gilbert

6:30 p. m.—"Ye Towne Cryer"

6:35 to 7:30 p. m.—Palace Hotel Concert Orchestra, Cyrus Tobbe, director

8 to 8:35 p. m.—Palace Hotel Concert Orchestra, Cyrus Tobbe, director

8:35 to 10 p. m.—Rudy Seiger's Fairmont Hotel Orchestra

231 Meters **KQW** 1300 Kilocycles

First Baptist Church, San Jose, California

9:40 a. m. to 12:30 p. m.—Special Christmas services

Sextette: Miss Margaret Algar, Mrs. Nylm. Mrs. Curtis, Miss Brown, Mrs. Rasmussen, Mrs. Downer—

Our Bethlehem's Plain

Anthem by the Choir—

Sing Oh Heavens.....Tours

Solo, Mrs. Mabel Isenberger—

The Angel's Song

Scripture lesson and sermon, Rev. Wm. Keeney Townner

7:45 to 9:30 p. m.—Cantata, "The King of Kings" (Prothroe)

Scripture lesson and sermon, Rev. Wm. Keeney Townner

306 Meters **KTCL** 980 Kilocycles

New Washington Hotel, Seattle, Wash.

1 to 2 p. m.—Meves' Cafeteria. Henri Damski's Concert Orchestra

3 to 4 p. m.—Eastern Outfitting Company. "Charmed Land Trio"

7:50 to 9:10 p. m.—First Church of Christ, Scientist. Remote control

9:10 to 10:10 p. m.—International Bible Students' Association. Studio program

337 Meters **KNX** 890 Kilocycles

Los Angeles Evening Express, Los Angeles

10 a. m. to 12 noon—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan

2 to 4 p. m.—City Park Board program

7 to 8 p. m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan

8 to 9 p. m.—Ambassador Concert Orchestra, Josef Rosenfeld, leader

9 to 10:30 p. m.—Feature program

258 Meters

KFRC

1120 Kilocycles

City of Paris Dry Goods Co., San Francisco

12 noon—Services from Old St. Mary's Church

6:30 to 7:30 p. m.—Concert in Drury Lane, Hotel Whitcomb by Stanislaus Bem's Little Symphony Orchestra

Overture—Die Schone Galathea.....Von Suppe

Serenade from "Student Prince".....Romberg

Old Folks at Home in Foreign Lands

Serenade selection.....Herbert

8 to 10 p. m.—Concert in Drury Lane, Hotel Whitcomb, by Stanislaus Bem's Little Symphony Orchestra

Emperor Waltz.....Strauss

Selections from the Spring Maid.....Strauss

At Evening.....Debussy

Wiegand, arranged for Strang.....Brahms

Chopin Fantasia

Adagio from "Suite L'Arlesienne".....Blas

Grand opera selection "Manon".....Massenet

10 to 12 p. m.—Dance music from Balconades Ball Room, by Walter Krausgrill's Orchestra

Mort Harris, intermission soloist

275.1 Meters **KFSG** 1090 Kilocycles

Angelus Temple, Los Angeles, California

10:30 a. m. to 12:30 p. m.—Complete church service. Sermon by Aimee Semple McPherson. Charlotte Tyson Foljome, soprano.

Angelus Temple Male Quartet, Temple Choir, directed by Gladwyn N. Nichols, Great

Temple Organ and Chimes, played by Esther Fricke Greene

2:30 to 4:30 p. m.—Afternoon service with dispensational address by Aimee Semple McPherson. Sunshine Quartet. Special numbers by the Temple Silver Band, direction of Gladwyn Nichols. Mrs. C. D. Smith, fancy drummer and xylophone player. Will J. Stitt, baritone

7 to 8 p. m.—Sunday musical hour, a gorgeous presentation of Henry Hadley's new cantata, "Prophecy and Fulfillment," by the unique combination of the Angelus Temple Choir, Band and Organ, direction of Gladwyn N. Nichols, musical director

8 to 9:45 p. m.—Revival service conducted by Aimee Semple McPherson. Altar call and after-service. Illustrated message

10 to 11 p. m.—Organ recital by Esther Fricke Greene. Christmas music: Earl Houk, baritone; A. W. Albers, violinist

Organ Numbers—

Hallelujah Chorus, from "The Messiah".....Yon

Christmas in Sicily.....Dudley Buck

A Christmas Pastoral.....Dudley Buck

384.4 Meters **KJR** 780 Kilocycles

N. W. Radio Service Co., Seattle, Wash.

11 to 12:30 p. m.—Church services from the First M. E. Church, Dr. J. Ralph Magee, pastor

5 to 6 p. m.—Spargur String Quartet

7:15 to 7:30 p. m.—Organ recital by Mrs. Montgomery Lynch

7:30 to 9 p. m.—Evening services of the First M. E. Church, J. Ralph Magee, pastor

9 to 10:30 p. m.—Puget Sound Savings & Loan Ass'n Orchestra under the direction of Henri Damski

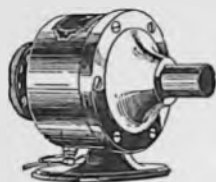
220 Meters **KFUU** 1360 Kilocycles

Mathewson Motor Company, Oakland, Calif.

to 9:30 p. m.—Scotty and His Clan



Give a
FALCK
for
Christmas



The Falck Reproducing Unit, for use in phonographs and built-in speakers, embodies the same principles of design and construction as the Falck Speaker.

Price \$20.00

TO THE sensitive ear it is no longer enough to merely listen to broadcasted sound for the sake of its novelty, its mystery. The novelty has become worn. The mystery is understood. And the ear is annoyed by the mechanical discords that accompany the usual reproduction of Radio programs.

Now, this annoyance is removed entirely by the wonderful new Falck Speaker. Falck reproduction makes Radio as enjoyable as the original programs themselves. To verify the claim that this is America's Finest Speaker, test its rich, natural tone quality in competition with the reproduction of any other speaker, regardless of price.

In two beautiful finishes: lacquered bronze, and black crystalline with nickel trim—\$35 at these dealers:

In San Francisco: By Hale Bros., Market and 5th Sts.; Levy Electric Co., 1230 Polk St.; F. E. Ruggles Co., 3315 Sacramento St.; Senick Radio Supply Co., 3226 24th St.; Warner Bros., 428 Market St. and T. White Eastman, 2744 Mission St. **In Oakland:** By R. C. Gallagher, 424 17th St.; Patch Radio Supply, 2515 Telegraph Ave. **In Alameda:** By Strom Electrical Co., 1350 Park St. **In Berkeley:**—University Radio Laboratories, 2431 Bancroft Way and Chisholm Music Co. Center and Oxford Sts.

Northern California Distributors
RADIO DEALERS' SUPPLY SERVICE

825 Howard Street

San Francisco

AMERICA'S FINEST SPEAKER

SCHEDULES FOR MONDAY**DECEMBER 21, 1925**

Pacific Time, Corrected Weekly. For Wave Length, Location, Power and Owner, See Page 62

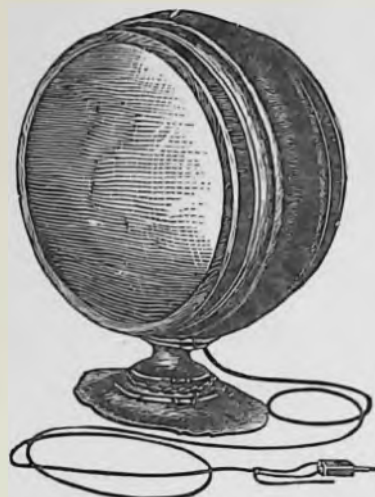
A. M.	Central Cal.	Southern Cal.	Pacific N. W.	Inland
7 to 7:30	KGO KFO	KHJ	KGW	
7:30 to 8	KGO KFO KRE	KNX		
8 to 8:30	KGO KFO	KNX		
8:30 to 9	KGO			
9 to 9:30	KTAB KJBS	KMTR		
9:30 to 10	KJBS	KMTR	KTCL	
10 to 10:30	KFRC KJBS	KFON KNX	KTCL	
10:30 to 11	KFOU KFWH	KNX KFI	KTCL KGW KJR	WFAA KTHS KPKX
11 to 11:30	KFOU KRE KFWH		KJR	KOA KPKX
11:30 to 12	KGO		CJCA	KOA
P. M.				
12 to 12:30	KGO	KNX KHJ KNRC	CJCA	WHB
12:30 to 1	KCU	KNX KHJ KFWO KNRC	KGW KFOA	WHB WFAA
1 to 1:30	KFO	KHJ KNRC	KJR KGW KFOA	WOC
1:30 to 2	KFO KGO	KNX KNRC KMTR	KJR	WDAF WFAA
2 to 2:30	KJBS	KNRC KNX	KJR	KDYL WDAF WLS
2:30 to 3	KFO	KNRC KMTR KNX	CFAC	KDYL WLS WFAA
3 to 3:30	KGO KFO	KNX	CFAC	WSE WDAF WWJ WTAM KPKX KDYL KFAU KFWA
3:30 to 4	KGO	KNX		WSE WDAF WWJ WTAM KPKX WFAA KFAU KFWA
4 to 4:30	KLX KNG KTAB	KNX KFON	KFEC KFOA	WDAF WOAW KYW WLS WWJ KFWA KDKA KYW KFAU
4:30 to 5	KLX KTAB	KFON	KFEC KFOA	WDAF WOAW KYW WWJ WFAA KFWA KDKA KYW
5 to 5:30	KLX	KMTR KFWB KNX		KDKA WHE WOAW WWJ WFAA WGY KOA WTAM WLW KOIL
5:30 to 6	KFRC KGO KFO	KFI KNX KMTR KFWB		KDKA WGR WEAF KDYL WHE WTAM WGY WWJ KOA WLW
6 to 6:30	KFRC KFWH KFO KGO KZM	KFI KNX KNRC KFON	KMO KJR KFOA KGW	WTAM WCCO WOS WEAF WHEZ WGY KDKA WRAP KDYL KSD WGR WGR KPKX WWJ WSE KOA WLW WJZ WKRC WHAD
6:30 to 7	KGO KFRC KFO KZM KFOU	KFI KNX KNRC KFWO	KMO CJCA KFOA KGW	WDAF WTAM WCCO WOS WEAF KOA KOB KDKA KDYL WFAA KSD WSE WGR WJZ WHAZ WWJ KFAU WLW WJAD WGR WGY WKRC WBZ WCAP WCAU WHAD KFKX
7 to 7:30	KFOU KRE KGO KFO KLX KFRC	KFWB KNX KFWO KFI KHJ KMTR KNRC	KFOA KGB KJR KTCL	WDAF WOAW KSD KOA WFAA WGR KTHS WWJ KSL WKRC KFAU WHEO KOB WCCO WTAM WOS WEAF WHAZ KPKX WCAU WLW WJAD WJZ WGR WBZ WEEI KOIL WUD WJR WCAP WHAD
7:30 to 8	KFER	KFI KNX KFWB KMU KMTB KNRC	CHBC KFOA CJCA KGB KGW KJR KWSC KTCL	WGR KPKX WOAW WRAP KOA WJAD KSD KTHS WWJ WKRC WLW WJZ WCCO WCAU WEAF WHAZ WTAM KSL WGR KFAU WHAD WBZ KOIL WOO WJR WGR WCAP WEEI
8 to 8:30	KGO KFO KLX KJBS KTAB KFER KFWH KRE KFWB KFWH	KFI KFON KTHS KNX KDBB KFWB KHJ KMTR KNRC	KWSC KFDJ KTCL KGB CHBC CJCA KFOA KJR	KSL WOAW WHAZ KOA KTHS WCAU KSL WJZ WEAF WRAP WGR WBZ WOO WJR WEEI WKRC KFAU WTAM WSM
8:30 to 9	KGO KFO KLX KJBS KFRC KTAB KFWH KRE KFER KFWB	KFI KFON KDBB KNX KFWB KTHS KSL KMTR KNRC	KFOA CKCD KTCL CHBC KGB KJR KWSC KFDJ	KSD WOAW WHAZ KOA KTHS WSM KSL KDYL WKRC WTAM WOO WJR WEEI WJZ WGR
9 to 9:30	KGE KFER KFWH KLX KTAB KFRC KJBS KFWH KGO KFO	KFI KFWB KNX KFON KMTR	KFOA KMO KJR CKCD CFAC KFDJ KGW	WSE KSD KDYL WKRC WTAM WGR KOIL WJR KOA KSL
9:30 to 10	KGO KFO KRE KLX KTAB KFER KFRC KFWH KJBS	KFI KFWB KNX KFON KMTR	KFOA KMO CFAC KJR KFDJ KGW	WSE KSD KDYL WKRC WTAM WGR KOIL KOA KSL
10 to 10:30	KLX KFO	KFI KNX KFWB KMTR	CFAC KJR	WDAF KDYL KCU KOA WKRC KSL
10:30 to 11	KFO	KFI KNX KFWB KMTR	CFAC KJR	WDAF KCU WKRC KSL
11 to 11:30		KNX KFWB		KGO
11:30 to 12		KNX KFWB		

KYW radiocasts news items every half hour—on the hour and on the half—during day and night—

At Last It Is Here

Call and see it. Also listen to it. The greatest of all loudspeakers.

R C A Radiola Loud Speaker Model 100



Supply is limited. First come, first served, as long as stock lasts but we will take orders for delivery upon arrival and you will only have to wait a few days. We demonstrated this loud speaker before a large class in our free radio school in competition with the very best speakers in existence and the unanimous opinion is that this **BEATS THEM ALL**. It is unusually sensitive, and great volume without distortion is obtained when it is used with such sets as the Radiola No. 20 pictured below. Model 100 R C A Loud Speaker will be appreciated by music lovers and those to whom precise reproduction of the program transmitted from the broadcast station is the prime consideration. It is of a beautiful bronze color, both sides being exactly alike. It stands 17 inches high, is 14 inches in diameter and nine inches deep.

Radiola Loud Speaker Model 100
\$35.00

Immediate Delivery--Supply Limited

R C A RADIOLA 20 is a new 5-tube balanced radio frequency receiver of the uni-control type. It will surpass the performance of the average storage battery type, tuned radio frequency receiver.

Extreme sensitivity and greater selectivity than that obtained by the usual type of 5-tube circuit.

Provision is made for recording the call letters of the stations heard directly on the dial.

It is designed for four radiotron UX 199 tubes and one UX 120 Power tube in the last stage.

It works the new R C A Model 100 loudspeaker to perfection.

Radiola 20, less Radiotrons...\$102.50

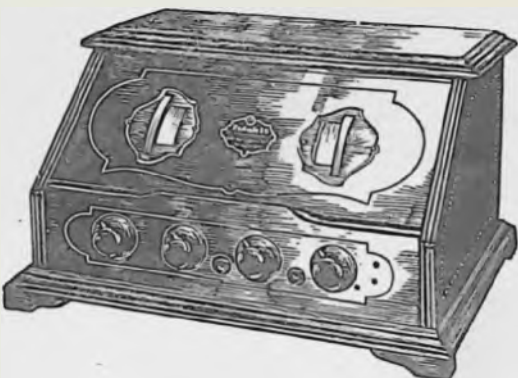
Radiola 20, with Radiotrons... 115.00

Radiola 20, with Radiola

Loudspeaker UZ 1325..... 133.00

Radiola 20, with Loudspeaker

100 150.00



LEVENSON COMPANY

Since 1876

Phone Douglas 3231

325 Market Street

San Francisco, Calif.

Tell them that you saw it in Radiocast Weekly

PROGRAMS FOR MONDAY

DECEMBER 21, 1925

Irene Le Noir
KTAB—8 p. m.Larry Weldon
KJBS—8 p. m.Dr. A. R. Nash
KGO—8 p. m.C. A. Sandahl
KJBS—8 p. m.

467 Meters

KFI

640 Kilocycles

Copyright 1925 by E. C. Anthony, Inc., L. A.
10:45 to 11:05 a. m.—Betty Crocker, Gold Medal
Flour Home Service Talk
5:30 p. m.—L. A. Examiner matinee program
6 p. m.—KFI nightly doings and amusement
information service
6:15 p. m.—Radio Motorlogue Resort Service,
courtesy of Mr. Hewitt
6:30 p. m.—Vest Pocket Concert
6:45 p. m.—KFI Radiatorial Period
7 p. m.—Packard Eight Orchestra under co-
direction Bill Hennessy and Chet. Mittendorf,
and soloists
8 p. m.—Program by the Eureka Vacuum
Cleaner Company
9 p. m.—Program of Walter M. Murphy Motors
Company, featuring prominent radio favorites
10 p. m.—Program presented by L. A. Examiner

349 Meters

KWSC

860 Kilocycles

Washington State College, Pullman, Wash.
7:30 to 9 p. m.—Piano solos, Aloise Schroll
Vocal solos, Mrs. L. A. Kirtland
"Clothing as a Christmas Gift," Miss Mary
Olive Howey
The Psychology of Efficiency, No. 3, "Taking
Stock of Personal Resources," Dr. F. F.
Nalder

220 Meters

KJBS

1360 Kilocycles

Julius Brunton & Sons Co., San Francisco
9 to 10:45 a. m.—Vocal and instrumental selec-
tions
2 to 2:30 p. m.—Vocal and instrumental selec-
tions
8 to 9 p. m.—Program furnished by Sandy's
Franciscans Orchestra
9 to 10 p. m.—Program furnished by the
Arguello Musical Comedy Studio, under the
direction of F. G. Nodder

288 Meters

KFKX

1040 Kilocycles

Westinghouse El. & Mfg. Co., Hastings, Neb.
6 to 8 p. m.—Musical program by Nebraska
State Hospital Orchestra from studio at
Ingleside, Peter Thordsen, director

256 Meters

KRE

1170 Kilocycles

Berkeley Daily Gazette, Berkeley, California
7:30 a. m.—Good thought service by Rev. W.
R. H. Hodgkin, D.D.
11:15 a. m.—Physical exercises for women,
conducted by Dorothy Barron
7 p. m.—Current news
7:15 p. m.—Weather forecast
8 to 10 p. m.—Play Night. Studio program.
The KRE players under the direction of Miss
Ruth Taft, will present the three-act play by
Dan Trotheroh "Homing." Incidental music
by the KRE Players' Ensemble, under the
direction of Willa Conzelman

491.5 Meters

KGW

610 Kilocycles

The Morning Oregonian, Portland, Oregon
7:15 a. m.—Y. M. C. A. Physical Culture Ex-
ercises
10:30 a. m.—The Town Crier, music, weather
report, news items and shopping guide
12:30 to 1:30 p. m.—Rose City Trio
6 to 7 p. m.—Dinner concert
7:30 to 7:45 p. m.—Weather, market and police
reports, news items and sporting results
9 to 10 p. m.—Concert, courtesy the Hudson
and Essex Dealers of Oregon

248 Meters

KFBK

1210 Kilocycles

The Sacramento Bee, Sacramento, Calif.
7:30 p. m.—Weather reports and announce-
ments
7:35 p. m.—Estelle Swearingen Murray's story
for the children
8 p. m.—Musical entertainment
9 p. m.—Californians Dance Orchestra
10 p. m.—Closing announcements

232.4 Meters

KFON

1210 Kilocycles

Echophone Radio Shop, Long Beach, Calif.
10 a. m.—Daily shopping tour
4 to 4:30 p. m.—Late news and sports
4:30 to 5 p. m.—Amusement bulletin
6 to 6:30 p. m.—Organ recital
8 to 9 p. m.—Program from Municipal Audi-
torium
9 to 10 p. m.—Ardys Anderson, musical hour

Monday Programs—Continued

361 Meters **KGO** 830 Kilocycles

General Electric Company, Oakland, Calif.
 7:16 to 7:30 a. m.—Health Training Exercises:
 Hugh Barrett Dobbs
 7:45 a. m.—"Pep Class," Hugh Barrett Dobbs
 8:15 to 8:30 a. m.—Health Training Exercises,
 Hugh Barrett Dobbs
 8:30 a. m.—"Daily Strength"—Cheerio
 10:40 a. m.—Vacation period. No classroom in-
 struction by Oakland Public Schools
 11:30 a. m. to 1 p. m.—Luncheon concert, cour-
 teasy Pacific States Electric Company
 12 noon—Time signal
 12:30 p. m.—U. S. Weather report
 1:30 p. m.—Stock and weather reports
 3 to 4 p. m.—Musical program. Also, inter-
 pretation of the classics, by Wilda Wilson
 Church
 5:30 to 6 p. m.—Aunt Betty stories and KGO
 Kiddies' Klub, Ruth Thompson
 6 to 7 p. m.—Dinner concert from Sherman,
 Clay & Company studio, San Francisco
 7 p. m.—News items, weather bureau report,
 stock reports, S. F. produce news
 8 p. m.—Educational program
 Arion Trio— Waldteufel
 The Skaters.....
 Health Talk, California State Board of
 Health
 8:10 p. m.—"Physical Culture for the Family,"
 Hugh Barrett Dobbs
 Arion Trio— Campana
 I Live and Love Thee.....
 8:25 p. m.—"Chats About New Books," Joseph
 Henry Jackson
 Arion Trio— Wienlawski
 Qui viak.....
 8:50 p. m.—"Better English," Wilda Wilson
 Church
 Arion Trio— Jamieson
 Mammy's Lullaby.....
 9:16 p. m.—"Different Kinds of Mental Trouble"
 Dr. Albertine Richards Nash
 Arion Trio— Vernacini-Corti
 Largo.....
 9:30 p. m.—"What Is Success?" Harry Collins
 Spillman
 Arion Trio—
 Santa Lucia, Neapolitan Boat Song
 9:45 p. m.—National Farm Radio Council
 "Festive Meats for the Holidays," Belle De
 Graf, Home Economics Specialist
 Arion Trio—
 Venetian Melody.....Tosti

261 Meters **KFWA** 1150 Kilocycles

Browning Bros. Company, Ogden, Utah
 3 to 4 p. m.—Organ recital
 4 to 5 p. m.—Ogden Radio Dealers program

220 Meters **KFUU** 1360 Kilocycles

Mathewson Motor Company, Oakland, Calif.
 10:45 to 11:45 a. m.—Concert and news items
 8:30 to 7:15 p. m.—Scotty and His Clan
 7:15 to 7:30 p. m.—News items

207 Meters **KFWM** 1440 Kilocycles

Oakland Educational Society, Oakland, Cal.
 8 to 9:30 p. m.—Vocal and instrumental music.
 Educational lecture
 Study lesson

240 Meters

KTAB 1250 Kilocycles

Tenth Ave. Baptist Church, Oakland, Calif.
 9 to 9:30 a. m.—Prayer service by Rev. E. L.
 Spaulding
 4 to 5 p. m.—Radiocast of Calif. Federation of
 Women's Clubs, Mrs. Lydia Warren Lister,
 chairman of radio publicity
 Among the speakers will be Miss Matilda
 Brown, President of the Woman's Relief
 Home of Oakland
 8 to 10 p. m.—Program by Western States
 Life Insurance Co.
 Instrumental Trio, Dorothy Dunyon, violin;
 Winston Petty, cello; Claire Harsha Up-
 shur, piano—
 Tales of Hoffman
 Soprano solos, Claire Harsha Upshur—
 O Sleep Why Dost Thou Leave Me.....Handel
 The Wren.....Benedict
 Violin solos, Mildred Wright—
 Romance.....Svendsen
 Guittarre.....Moskowski
 Tenor solos, Erwin Holton—
 Comfort Ye
 Every Valley Shall Be Exalted from
 "The Messiah".....Handel
 Cornet solos, Grace Adams East—
 Contique de Noel.....Adam
 Silent Night.....Old Carol
 Mezzo contralto solos, Mme. Irene Le Noir—
 Aria from "La Gioconda".....Ponchielli
 Voce di donna (Blind woman's song)
 Aria from "Werther"
 Les Carnes.....Massenet
 Cello solos, Winston Petty—
 Pilgrim Song.....Wagner
 Intermezzo.....Vivaldi
 Instrumental Trio—
 Romance.....Debussy
 Soprano solos, Claire Harsha Upshur—
 Love Song.....Old French
 In the Silence of Night.....Rachmaninoff
 Violin solos, Mildred Wright—
 Waltz.....Brahms-Hochstein
 Rosary.....Nevin-Kreisler
 Gypsy Dance.....Natchez
 Tenor solos, Erwin Holton—
 The Three Kings.....Christmas Carol
 The Birthday of the King.....Kramer
 Cornet solo, Grace Adams East—
 One Fleeting Hour
 Indian Dawn.....Zamnick
 Mezzo contralto solos, Mme. Irene Le Noir—
 London Bridge.....Peccia
 Come to the Fair.....Martin
 Le coeur de ma mie.....Delcroze
 Cello solos, Winston Petty—
 Kol Nedrei.....Bruch
 Instrumental Trio—
 The Student Prince

238 Meters **KMTR** 1260 Kilocycles

K. M. Turner, Hollywood, California

9 a. m.—"Dad's Hour" by Dad King
 1:30 p. m.—E. Wynn Boyden will talk on "Bees"
 2:30 p. m.—Easy chair program
 5 p. m.—Home hour, conducted by Georgia Sim-
 mons. The "music hour" with Walter Benson,
 Helen Frances Levy, Billy Henderson, pianist;
 Betty McKay, pianist, Emily Edna Jones,
 Jewell Beth Peach and Marjorie Zimmer
 7:15 p. m.—Program through courtesy of the
 Los Angeles Y. M. C. A.
 8 to 10 p. m.—KMTR Concert Hour, presenting
 the Turner Orchestra
 10 to 11 p. m.—Starr Piano Co.
 (Programs continued on next page)

Monday Programs—Continued

428 Meters

KPO

700 Kilocycles

Hale Bros. & The Chronicle, San Francisco

7, 7:30 and 8 a. m.—Daily dozen exercises given under the direction of the Y. M. C. A.

10:30 a. m.—Ye Towne Cryer and amusement information service; weather forecast

12 noon—Time signals; scripture reading

1 to 2 p. m.—Rudy Selger's Fairmont Hotel Orchestra

2:30 to 3:30 p. m.—Program by the duo from the Truett-George Studios

Guitar duet, Velma Truett and Harry George

Honolulu Hula Girl

Banjo duet—

Kitten on the Keys

Guitar duet—

Kilima

Banjo duet—

Merry Widow Waltz

Guitar duet—

Sweet Lei Lehua

Banjo duet—

Brown Eyes, Why Are You Blue

Guitar duet—

The Dove

Banjo duet—

Dreaming

Steel guitar solo, Velma S. Truett—

A Perfect Day

Banjo duet—

My Old Kentucky Home

Steel guitar solo, Velma S. Truett—

Dance in Fairyland

Guitar duet—

Silent Night

Banjo solo, Harry H. George—

Selections from "Poet and Peasant"

Banjo and guitar—

It came Upon a Midnight Clear

Guitar duet—

Aloha

5:15 to 6:15 p. m.—Children's hour stories by Big Brother

6:15 to 6:30 p. m.—Stock quotations

6:30 to 6:40 p. m.—Ye Towne Cryer and amusement information service

6:40 to 7 p. m.—Waldemar Lind and the States Restaurant Orchestra

7 to 7:30 p. m.—Rudy Selger's Fairmont Hotel Orchestra

8 to 8:45 p. m.—Organ recital by Uda Waldrop at the Wurlitzer Organ

Song of Sorrow.....Tschaiakowsky

Narcissus.....Nevin

Goodbye.....Tosti

Nazareth (Christmas song).....Gounod

Noel.....Adam

Ask of the Stars, Beloved.....Mexican Song

The Precious One.....Couperin-Kreisler

An Old Melody.....Drigo

Serenade.....Drigo

8:45 p. m.—Short talk on "What is Physical Endurance" by Wiley Winsor, director of the Daily Health Drill

9 to 10 p. m.—Studio program

10 to 11 p. m.—Waldemar Lind and the States Restaurant Orchestra

405.2 Meters

KHJ

740 Kilocycles

Los Angeles Times, Los Angeles, California

7 to 7:15 a. m.—Exercises, Prof. E. L. Gaverns

12 to 12:30 p. m.—Leighton's Cafeteria Orchestra, directed by Jack Cronshaw

12:30 to 1:30 p. m.—Program presenting the Piggly Wiggly Girls

268 Meters

KFRC

1120 Kilocycles

City of Paris Dry Goods Co., San Francisco

10 a. m.—Household Hints by Mary Lewis

Haines, Domestic Science Editor S. P. Call

6:30 to 6:30 p. m.—Alac and His Gang

6:30 p. m.—Police report and announcements

6:35 to 7 p. m.—Jo Mendell and His Pep Band

Lido's Cafe

7 to 7:15 p. m.—Law talk, "Legal Holidays,"

by Marcus L. Samuels

7:15 to 7:30 p. m.—"Intakes and Exhausts,"

Gasoline George

8 to 9 p. m.—"Mac" Round the Camp-fire

9 to 9:15 p. m.—Elsie Robinson, talk on "Psychology"

9:15 to 10 p. m.—Theater Arts Club Players

under the direction of Talma Zetta-Wilbur

254 Meters

KFWH

1180 Kilocycles

F. Wellington Morse, Jr., Chico, California

10:30 to 11:30 a. m.—Special announcements

and music program

6:15 to 6:30 p. m.—News events and amusement service

8 to 10 p. m.—A group of one-act Christmas

plays presented by the students of the Chico

High School under the direction of Mr. Douglas

B. Miller, Department of English. Incidental

music by the students of the music department

306 Meters

KTCL

980 Kilocycles

New Washington Hotel, Seattle, Wash.

9:30 to 9:45 a. m.—Weather report; stock and bond quotations

9:45 to 10 a. m.—Fraser-Paterson Department Store studio program

10 to 10:15 a. m.—"Exercise Over the Air," by T. G. "Van" Cook

10:15 to 10:30 a. m.—Daily recipes. Announcements from the public markets

7 to 8 p. m.—New Method Laundry and Pantorium Dye Works Co. Orchestra

8 to 9 p. m.—Seattle Police Publication, "Main 7810"; Seattle Police Band

252 Meters

KFWB

1190 Kilocycles

Warner Brothers, Hollywood, California

5 to 6 p. m.—Children's hour, conducted by Big Brother of KFWB with stories, educational subjects and answers to children's questions

taken from The Book of Knowledge

7 to 8 p. m.—Microphone Brevities

8 to 9 p. m.—Varied program

9 to 10 p. m.—Vocal and instrumental program

10 to 11 p. m.—Warner Bros. frolic

11 to 12 p. m.—Henry Halstead's Orchestra,

radiocasting over KFWB by remote control

from the Hollywood Roof Ballroom

283 Meters

KFDJ

1060 Kilocycles

Oregon Agricultural College, Corvallis, Ore.

8 p. m.—Musical selections

8:10 p. m.—Farm reminders and market news interpretations

8:15 p. m.—"Strawberry Yellows," S. M. Zeller, plant pathologist, experiment station

8:20 p. m.—"Handling Orchard Soils in Non-Irrigated districts," Clayton L. Long

8:35 p. m.—Musical selections

8:45 p. m.—"Oregon's Agricultural Situation," R. S. Besse

9:15 to 9:45 p. m.—Alumni Christmas program

Monday Programs—Continued

508 Meters

KLX

590 Kilocycles

The Oakland Tribune, Oakland, California
4 to 5 p. m.—Women's hour
6 to 6:30 p. m.—Aunt Elsie's sunset matinee
7 to 7:30 p. m.—News items
8 to 9 p. m.—Studio program
9 to 10:30 p. m.—Meeting of the Protective Order of Lake Merritt Ducks

384.4 Meters

KJR

780 Kilocycles

N. W. Radio Service Co., Seattle, Wash.

10:30 to 11:30 a. m.—Frederick & Nelson; musical program and talks
1 p. m.—Time signals
1:15 to 2 p. m.—Organ recital
2 to 2:15 p. m.—"Home Helps," talk by Bernice Redington of the Post Intelligencer staff
2:15 to 2:30 p. m.—Produce report
5:40 to 6 p. m.—Stock quotations
6 p. m.—Time signals
6 to 6:30 p. m.—What's doing at the theaters; weather reports
7 to 8:30 p. m.—Sears-Roebuck & Co. program
8:30 to 10 p. m.—Post Intelligencer program
10 p. m.—Time signals
10 to 11 p. m.—Dance program by Gordon Kilbourne and his Orchestra

294 Meters

KTBI

1020 Kilocycles

The Bible Institute of Los Angeles, Calif.
8 to 9 p. m.—Program under the direction of Mr. Clarence Goin, who will present his Girls' Harmony Chorus and other artists

337 Meters

KNX

890 Kilocycles

Los Angeles Evening Express, Los Angeles
7:30 a. m.—KNX morning gym, by J. C. Casey
8 a. m.—Inspirational talk and morning prayer
9 a. m.—Time signals; birthday notices
10 a. m.—Town Crier of day's morning message
10:30 a. m.—Household economics, Kate Brew Vaughan
12 to 1 p. m.—West Coast theaters program
1:30 p. m.—The Book Worm
2 to 4 p. m.—Radio matinee
4 p. m.—Helen's household hints
6 to 6:30 p. m.—Sunny Jim's children's hour
5:30 to 6:15 p. m.—Wurlitzer organ concert
5:55 p. m.—The Town Tattler
6:15 p. m.—W. F. Adler travelogue
6:30 to 7 p. m.—Atwater Kent orchestra
7 to 7:30 p. m.—Mutual Motors Inc. mirth contest
7:30 to 8 p. m.—Columbia Outfitting Co. program
8 to 9 p. m.—L. W. Stockwell Co. program
9 to 10 p. m.—Ward Heater Co. program
10 to 11 p. m.—Goodrich Silvertown Cord Orchestra
11 to 12 p. m.—Hotel Ambassador, Ray West's Coconut Grove Orchestra

454.3 Meters

KFOA

660 Kilocycles

Rhodes Department Store, Seattle, Wash.
12:45 to 1:30 p. m.—The Lions Club program
4 to 6:15 p. m.—The Times program
6 to 6:45 p. m.—Hoffman's Concert Orchestra
6:45 to 8:15 p. m.—Sherman, Clay Co. program
8:15 p. m.—Weather; special announcements
8:30 to 10 p. m.—Goodrich Silvertown Cord Orchestra

322.4 Meters

KOA

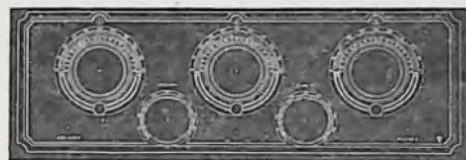
930 Kilocycles

General Electric Company, Denver, Colorado

10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce
11:15 a. m.—Rialto theater musicale
5 p. m.—Stocks, markets, livestock; produce, and news bulletins
5:30 p. m.—Dinner concert, Brown Palace String Orchestra
6:30 p. m.—Sandman's hour, directed by H. G. Knight
7 p. m.—Radio instruction in conversational Spanish, conducted by Prof. Amanda Lopez Knecht, Spanish departments, Denver high schools
Musical Interlude, KOA Orchestra and assisting soloists
8 p. m.—Radio instruction in auction bridge, conducted by studio players
8:30 p. m.—Dance program

RADIO AGENTS WANTED
5 Tube Demonstrator FREE!

Earn \$25 to \$100 a week, part or full time. Everyone a prospect. Complete line standard sets and accessories, \$5 to \$90. Write today for illustrated catalog and exclusive selling plan for live dealers and community agents. 26TH CENTURY RADIO CO., 1011 Coca Cola Bldg., Kansas City, Mo.



RADIO PANELS

Smooth, perfect edges, cut with patented non-metallic saws

Highest quality panels cut, drilled, and engraved, to order. Only best Bakelite used. $\frac{3}{4}$ in. thick, 2 cents per square inch. $\frac{1}{2}$ in. thick, $1\frac{1}{4}$ cents per square inch. Letters engraved 4 cents. Arrows and markers, 15 cents. Border lines 35 cents and up. Dials 50 cents and up. Send rough sketches for estimate. Eight-hour service. We ship everywhere; mail orders solicited. Radio shops and set-builders write for discount-sheets.

VOLNEY G. MATHISON & Co.

660 TWELFTH STREET
OAKLAND, CALIFORNIA

SCHEDULES FOR TUESDAY

DECEMBER 22, 1925

Pacific Time, Corrected Weekly. For Wave Length, Location, Power and Owner, See Page 22

a. m.	Central Cal.	Southern Cal.	Coast N. W.	Inland
6:30 to 7	KFRC			
7 to 7:30	KUD KFRC KPO	KHJ		
7:30 to 8	KGO KFRC KPO KBE	KNX		
8 to 8:30	KGO KFRC KPO	KNX		
8:30 to 9	KGO			
9 to 9:30	KJBS KTAB	KMTR	KTCL	
9:30 to 10	KJBS	KMTR	KTCL	
10 to 10:30	KJBS KPO	KFON KMTR	KTCL	
10:30 to 11	KFUD KFWB	KFSG KNE	KGW KJR	WFAA KFKX
11 to 11:30	KFUD KRE KFWB	KFSG	KJR	KOA KFKX
11:30 to 12	KGO	KFSG	CJCA	KOA
p. m.				
12 to 12:30	KGO KFRC	KHJ KNE KFSG	CJCA	WHR
12:30 to 1	KGO	KHJ KFWB KNX	KFOA KGW KTCL	WHR
1 to 1:30	KPO	KHJ	KFOA KGW KJR KTCL	WOC
1:30 to 2	KHJ KPO	KNX	KJR	WDAP
2 to 2:30	KJBS	KHJ KNX KMTR	KJR	KDYL WDAP
2:30 to 3	KPO	KHJ KNE KFOR KHJ KMTR		KDYL KOA
3 to 3:30	KPO	KHJ KFOR KMTR KNX	CJCA	WBB WDAP WYJ WTAM KFKX KDYL KOA KFWA
3:30 to 4	KPO	KHJ KNE KNX KFSG KFOR		WBB WYJ WTAM KFKX WFAA KFAB KFWA
4 to 4:30	KGO KFO KPO	KNX KNE KFOR KNE	KFEC KFOA	WDAP WBB WYJ WOC KFWA KFAB
4:30 to 5	KGO	KFOR	KFEC KFOA	WDAP WBB WYJ WOC KFWA KFAB
5 to 5:30	KGO	KFWB KMTR KFWB KNX		KDKA WBB WYJ WOC KFWA KFAB WFAA WBB WYJ WOC KFWA KFAB
5:30 to 6	KPO KFRC KGO	KFWB KNX KMTR KFI KFWB		WYJ WOC KFA WBB WYJ WOC KFWA WBB WYJ WOC KFA WBB WYJ WOC KFWA
6 to 6:30	KFWB KZM KGO KFRC KPO	KFI KNE KHJ KFOR	KJR KFOA KGW	KSD WBB WYJ WOC KFWA KFAB WBB WYJ WOC KFA WBB WYJ WOC KFWA
6:30 to 7	KFRC KFWB KFOR KGO KZM KPO KFOR	KHJ KFSG KNX KFI KFWB	KFOA CJCA CKCK KGO	KDKA KFWB WBB WYJ WOC KFWA WBB WYJ WOC KFA WBB WYJ WOC KFWA
7 to 7:30	KGO KPO KX KFOR KFRC KFOR KBE	KFSG KFWB KHJ KFI KNX KNEC KFOR	CJCA CKCK KFOA CNR KGB KJR	WFAA KFWB WBB WYJ WOC KFWA WBB WYJ WOC KFA WBB WYJ WOC KFWA
7:30 to 8		KFI KNX KHJ KNEC KFWB KMTR KFWB	CNR KGW KGB CNR CJCA CKCK KFWB KFOA KJR	WBB WYJ WOC KFA WBB WYJ WOC KFWA WBB WYJ WOC KFA WBB WYJ WOC KFWA
8 to 8:30	KFRC KGW KFOR KGO KPO KFOR KTAB KGT KFOR KGT	KHJ KFI KNX KFOR KHJ KFWB KMTR KNEC KFOR	CJCA CKCK KFOA KGB KGW CNR KTCL KJR	WBB WYJ WOC KFA WBB WYJ WOC KFWA WBB WYJ WOC KFA WBB WYJ WOC KFWA
8:30 to 9	KFRC KFOR KGT KGO KGW KPO KFOR KTAB KFOR KGW	KDZ KFOR KFWB KFI KHJ KTB KFOR KNEC KNX KMTR	KGW KJR CNR KTCL CJCA CKCK KFWB KGB KGW CNR	WBB WYJ WOC KFA WBB WYJ WOC KFWA WBB WYJ WOC KFA WBB WYJ WOC KFWA
9 to 9:30	KFRC KFOR KFOR KGO KPO KFOR KGW KRE KTAB KGT	KFI KHJ KNX KFOR KFI KHJ KTB KFOR KNEC KNX KMTR	KJR KGW CKCK KGW KGB CNR	WBB WYJ WOC KFA WBB WYJ WOC KFWA WBB WYJ WOC KFA WBB WYJ WOC KFWA
9:30 to 10	KFRC KFOR KFOR KGO KPO KFOR KGW KRE KTAB KGT	KFI KHJ KNX KFOR KFI KHJ KTB KFOR KNEC KNX KMTR	KGW KFOA KJR KGB CNR	WBB WFAA WLS KFOR WBB WYJ KOL WYJ KFWB WBB WYJ WOC KFWA
10 to 10:30	KFRC KGO KFOR KPO KBE	KHJ KFI KNX KFWB KFOR	CJCA KGW KFOA KGB CNR	WBB WFAA WLS KFOR WBB WYJ KOL WYJ KFWB WBB WYJ WOC KFWA
10:30 to 11	KGO KPO KFOR KFRC KBE	KHJ KFI KNX KFWB KFOR	CJCA KGW KFOA KGW KGB CNR	WBB WFAA WLS KFOR WBB WYJ KOL WYJ KFWB WBB WYJ WOC KFWA
11 to 11:30		KNX KFWB	CJCA KGW KFOA KGW KGB CNR	WBB WFAA WLS KFOR WBB WYJ KOL WYJ KFWB WBB WYJ WOC KFWA
11:30 to 12		KNX KFWB	CJCA KGW KFWB CNR	KFWB WYJ WBB

KFWB radiocasts news items every half hour—on the hour and on the half—during day and night

The Latest Sensation

The New 4-Tube
MARCO-DYNE

Loose Coupled Radio Frequency

It is without question the most selective hookup brought
on the market up to the present time

IT IS PHENOMENAL

KIT *With Complete Instructions
and Blue Print* **\$25.00**

Dealers—Stock now ready for immediate delivery

Fans—See this remarkable hookup at your dealers

Coast Radio Supply Company

Exclusive Distributors for Northern California

648 Howard Street

San Francisco

Learn Electricity in Los Angeles



Are you going to become a part of this wonderful new world that is bursting with opportunity, or are you a dead one? Now is the time to decide! Every day counts!

You Must Be Trained to Get These Jobs

Industry has no patience with the unskilled man. The good jobs and the big pay go to the man who knows. Don't hamper yourself by trying to get along without knowing a trade. Learn electricity now, and reap the rewards of the world's fastest growing industry.

Los Angeles is the Place to Train

Los Angeles is the center of the greatest hydro-electric development the world has ever seen. Within 100 miles of this city there are hundreds of big pay jobs waiting for you if you have the ambition to get ready for them. There is no need to go back East to train when you can get better, more practical training here. This is NOT a correspondence course—but practical shop work in the world's largest training shops.



Do You Want to Earn \$60 to \$200 a Week?

Electricity needs men! At once! Pay is big—\$60 to \$200 a week and up. Hours are easy, work is pleasant, advancement is rapid, opportunities are thick. Are you man enough to seize them?

Jobs haven't always cried for men. You have an opportunity today that few men have had. The electrical industry is young but gigantic already. In the last few years it has become a business that has run in the billions. In the next few years who can tell what it will become? Radio is less than 10 years old. Think how the automobile industry grew between its 10th and 20th years. That and more will happen to Radio. And yet Radio is only a small part of electricity!

You Can Earn

As Electrical Draftsman, \$60 to \$80 a week.
Construction Experts, \$60 to \$90 a week.
Telephone Engineers, \$1,000 to \$7,000 a year.
Commercial Radio Operators on ships—equal to \$2,500 to \$3,000 a year.
Storage Battery Experts, \$40 to \$65 a week.
Illuminating Engineers, \$3,000 to \$10,000 a year.
Armature Winders and Repair Men, \$8 to 12 a day.
Motor and Dynamo Experts, \$8 to \$15 a day.
Electrical Welders, \$1 to \$2 an hour.
Power House Experts, \$3,000 a year and up.
Automotive Experts, \$60 to \$100 a week.

Read What These Men Say:

"I have just passed the United States Civil Service Examination for electrical repair men and was eighth highest out of 126 men. Several splendid positions are open to me with big pay and advancement. I trained for only 6 months at National but I figure I saved 6 tedious years as an apprentice." Signed Alex Johnson.

"I passed commercial radio operators examination with highest marks. Am starting at once for India, the Orient and Africa as a first class commercial radio operator. Only a few months ago I was an Iowa farm hand. I investigated three schools and traveled 2,000 miles to get to National." Signed C. R. Cunningham.

"I find that my few months at National saved me at least 5 years as an apprentice doing tedious jobs. I have been out of school only 4 months and am earning \$75 a week as an electrical mechanic." Signed E. C. Hall.



National Trained Men Get Ahead Faster

National has 16,000 graduates who are making good. The electrical and radio industries recognize this school. The big executives want National trained men because National graduates know their stuff. National has every facility for training men—a million dollar plant full of all kinds of expensive up-to-date electrical equipment, master instructors who give you personal guidance. You learn by doing, not from tedious text books. National trained men stand head and shoulders above the others.

Part Time Jobs Help You—Night School If You Wish

If your finances are limited we will get you a part time job to pay expenses. Or you can get a full time job and attend school at night. Thousands do this, successfully. It takes longer but the course is the same. National has a special department to help you get

jobs. THIS EMPLOYMENT SERVICE IS ABSOLUTELY FREE.

Send for Catalog With Complete Story

Don't put this off! Success goes to the man who acts! The best jobs will be open next spring. By enrolling now you can be ready. Send for big free illustrated catalog telling of amazing opportunities in electricity.

FREE
Electrical
and Radio
BOOK

National
Electrical &
Radio Schools
Dept. 573
Santa Barbara
and Figueroa Sts.
Los Angeles, Calif.

Send me your big free illustrated catalog showing opportunities in the electrical and radio fields and full details of your wonderful course.

Special Offer to Partly Trained Men

If you are already studying electricity through books or correspondence courses—we'll make you a special offer on advanced shop training to fit you to hold a job immediately.

National Electrical and Radio Schools

Santa Barbara and Figueroa Streets

Los Angeles, California

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

PROGRAMS FOR TUESDAY

DECEMBER 22, 1925

Orrin L. Padel
KTAB—3 p. m.Alice G. Padel
KTAB—3 p. m.Helen E. Merchant
KGO—5 p. m.Helen Lehmer
KTAB—3 p. m.

361 Meters

KGO

830 Kilocycles

General Electric Company, Oakland, Calif.

7:15 to 7:30 a. m.—Health Training Exercises, Hugh Barrett Dobbs

7:45 a. m.—"Pep Class," Hugh Barrett Dobbs

8:15 to 8:30 a. m.—Health Training Exercises Hugh Barrett Dobbs

8:30 a. m.—"Daily Strength"—Cheerio

11:30 a. m. to 1 p. m.—Luncheon concert, courtesy Pacific States Electric Co.

12 noon—Time signal

12:30 p. m.—U. S. weather report

1:30 p. m.—Stock and weather bureau reports

4 to 5:20 p. m.—Concert Orchestra of the Hotel St. Francis, San Francisco, Vinton La Ferrera, conducting

5:30 p. m.—"As a Woman Thinketh," Louise Landis, newspaper woman's page writer

6 to 7 p. m.—Dinner concert from Sherman, Clay & Company studio, San Francisco

7 p. m.—News items, weather bureau reports, stock reports and S. F. produce news

8 p. m.—Remote control program

First Concert, Thirty-second Season, The Oakland Orpheus (Male Voices) Oakland Auditorium Theater, Oakland, California.

Edwin Dunbar Crandall, director; Bessie Beatty Roland, accompanist

9:30 p. m.—"Auction Bridge Feature"

10 to 11 p. m.—Dance music program from the Hotel St. Francis, San Francisco. Girvin-Deuel's California Collegians

280 Meters

KFAU

1070 Kilocycles

Public Schools, Boise, Idaho

6:30 p. m.—Children's half hour, conducted by Mrs. Forrest Pitts of the Boise Carnegie Library

7 to 9 p. m.—Musical program

226 Meters

KFOB

1330 Kilocycles

Chamber of Commerce, Burlingame, Calif.

8 to 10 p. m.—Studio program

Gladys Cronck, popular songs; Gladys Palmer, popular songs; Paul Nelson, pianist;

Eddy Donovan, pianist; Bernard Hjerpe, tenor; C. Lencioni, accordion; William Gian-

necchine, piano-accordion

467 Meters

KFI

640 Kilocycles

Copyright 1925 by E. C. Anthony, Inc., L. A.

6:30 p. m.—L. A. Examiner matinee program

6 p. m.—KFI nightly doings and amusement information service

6:15 p. m.—Radio Motorlogue Resort Service; courtesy of Mr. Hewitt

6:30 p. m.—Vest Pocket Concert

6:45 p. m.—Radiatorial Period

7 p. m.—Drury Lenington, tenor, and assisting artists

8 p. m.—Program presented by L. A. Examiner

9 p. m.—Varied program, presenting Emma Kimmel, soprano; Frank Stever, baritone;

Evelyn Pickrell, violinist, and Lella Isbell, pianist

10 p. m.—Packard Ballad Hour, featuring the Ashley Sisters, Dolly MacDonald, Charles Cole, Billy Hall, Bobbie Gross, Polly Grant

Hall, Bud Hoff, Marlon Boogar

405.2 Meters

KHJ

740 Kilocycles

Los Angeles Times, Los Angeles, California

7 to 7:15 a. m.—Exercises, Prof. E. L. Severns

12 to 12:30 p. m.—Leighton's Cafeteria Orchestra, directed by Jack Cronshaw

12:30 to 1:30 p. m.—Program of dance music by the Blue Moon Orchestra

2:30 to 3:30 p. m.—Matinee program

3:30 to 4 p. m.—Bridge game

6 to 6:30 p. m.—Leighton's Cafeteria Orchestra

6:30 to 7:30 p. m.—Children's program presenting Prof. Walter Sylvester Herzog Radio

Historian; weekly visit of the Radio Fairies, Queen Titania and her Sandman; Charles Leslie Hill, 4-year-old reader; Lenore Killian, contralto

7:30 p. m.—Talk on "Dogs," H. M. Robertson

8 to 10 p. m.—De luxe program

10 to 11 p. m.—Art Hickman and his Biltmore Hotel Dance Orchestra

316 Meters

KPSN

950 Kilocycles

The Pasadena Star-News, Pasadena, Calif.

8 to 9:30 p. m.—Studio program with Edward La Millar and Ballad Trio; Mrs. Violet C. Benton, soprano; Willard Smith, organist and

pianist, and mixed quartet

Tuesday Programs—Continued

428 Meters

KPO

700 Kilocycles

- Hale Bros. & The Chronicle, San Francisco
 7, 7:30 and 8 a. m.—Daily dozen exercises given under the direction of the Y. M. C. A.
 10 a. m.—Talk on Domestic Science by Virginia Tappan of the Tappan Stove Co.
 10:30 a. m.—Ye Towne Cryer and amusement information service; weather forecast
 10:35 a. m.—Market report on butter, eggs, cheese and poultry
 12 noon—Time signals; scripture reading
 1 to 2 p. m.—Rudy Seiger's Fairmont Hotel Orchestra
 2:30 p. m.—Studio program
 3:30 to 4:30 p. m.—Cyrus Trobbe's Palace Hotel Concert Orchestra
 5:15 to 6:15 p. m.—Children's hour stories by Big Brother, taken from Book of Knowledge
 6:15 p. m.—Stock quotations
 6:30 p. m.—Ye Towne Cryer and amusement information service
 6:40 p. m.—Waldemar Lind and the States Restaurant Orchestra
 7 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra
 8 to 9 p. m.—Studio program
 9 to 10 p. m.—Program given by the Grace Cathedral Choir, under the direction of Hugh Williams, through the courtesy of the Mona Motor Oil Company
 Grace Cathedral Choir—
 Group of Carols
 Holy Night, Christmas Cantata.....Brewer
 Sydney Lewis at the Organ
 10 to 11 p. m.—Jack Coakley's Cabirians, playing at Cabiria Cafe

256 Meters

KFUS

1170 Kilocycles

Sherman School, Oakland, California

- 6:30 to 7:30 p. m.—Studio program of sacred music by the Chorus of the Glad Tidings Revival Assembly; E. J. Axup, pastor
 Glad Tidings Chorus—
 Christians Awake.....Wainwright
 Joy to the World.....Handel
 Christmas message in song by Dr. H. B. Knox
 Prayer
 Vocal Trio, Mrs. Nichol, Mrs. Taylor, Mrs. Roberts—
 Songs in the Night.....Nichol
 Glad Tidings Chorus—
 Carol, The First Nowell.....Traditional
 Violin solo, Maurice Lovell
 Gospel message in song by Dr. H. B. Knox
 Glad Tidings Chorus—
 O Come, All Ye Faithful.....Reading
 Violin solo, Maurice Lovell
 Glad Tidings Chorus—
 Silent Night.....Gruber
 8 to 9 p. m.—Program of questions and answers by Louis L. Sherman, M.D., with special music

220 Meters

KFUU

1360 Kilocycles

Mathewson Motor Company, Oakland, Calif.

- 10:45 to 11:45 a. m.—Concert and news events
 6 to 7:15 p. m.—Wilson's L'Algon Ballroom Orchestra
 7:15 to 7:30 p. m.—News events, Oakland Times
 8 to 9 p. m.—Program under direction of Geo. Lipschultz, T. & D. Theater
 9 to 10 p. m.—Oakland's Trio, under direction of Wallace E. Pettit
 10 to 11 p. m.—Studio program, dance music

240 Meters

KTAB

1250 Kilocycles

Tenth Ave. Baptist Church, Oakland, Calif.

- 9 to 9:30 a. m.—Prayer Service led by Rev. Geo. W. Phillips
 8 to 10 p. m.—Program by Mutual Stores
 Violin solos, Ray Fox—
 Legende.....Wienjowski
 Gavotti.....Gossec
 Male Quartette, Orrin Leon Padel, tenor;
 Ray B. Nealan, tenor; Charles L. Delmar, bass; Francis P. Watts, baritone; Alice Gray Padel, accompanist—
 On the Sea.....Buck
 A Summer Lullaby.....Gibson
 Cello solos, Wenceslao Villalpando
 Indian songs, Derrick Norman Lehmer—
 The Dawn (Miwok Indian)
 The Harvest of Pine Nuts (Miwok Indian)
 Tenor solos, Orrin Leon Padel—
 La Reve, from "Manon".....Massenet
 Ave Maria.....Bach-Gounod
 Piano solos, Alice Gray Padel
 The Bells of Geneva.....Liszt
 Valse Caprice.....Scott
 Male Quartette—
 In the Time of Roses.....Reichardt
 By the Waters of Monctonka.....Lieurance
 A Little Close Harmony.....O'Hara
 Violin solos, Ray Fox—
 The Dew is Sparkling.....Rubinstein-Elman
 Variations.....Tartini-Kreisler
 Indian Songs, Derrick Norman Lehmer—
 Down the Stream (Miwok Indian)
 Winter in the Valley (Miwok Indian)
 Baritone solos, Francis P. Watts—
 Border Ballad.....Cowen
 Rolling Down to Rio.....German
 Cello solos, Wenceslao Villalpando
 Trio, Ray B. Nealan, tenor; Francis P. Watts, tenor; Charles L. Delmar, bass—
 Say, Where is He Born.....Mendelssohn
 Violin solos, Ray Fox—
 Am Meer.....Schubert
 Swing Song.....Ethel Barnes
 Tenor solos, Ray B. Nealan—
 In the Old Fashioned Town.....Squire
 Friend O' Mine.....Sanderson
 Indian Songs, Derrick Norman Lehmer—
 The Lonely Hogan (Navajo Indian)
 Hopi Lullaby (Hopi Indian)
 Bass solos, Charles L. Delmar—
 Roll on, Thou Deep and Dark Blue Ocean.....Petrie
 The Dream of the Dreamer.....Schmid
 Male Quartette—
 Italian Salad.....Genee
 West, West, West in California.....Carey

256 Meters

KRE

1170 Kilocycles

Berkeley Daily Gazette, Berkeley, California

- 7:30 a. m.—Good thought service, conducted by Rev. W. R. H. Hodgkin, D.D.
 11:15 a. m.—Physical exercises for women, conducted by Dorothy Barron
 7 p. m.—Current news
 7:15 p. m.—Weather forecast
 9 to 10 p. m.—Educational night. Studio program. Travelogue talk by B. L. Stetson of Crabtree's Travel Bureau, "A Trip to the Holy Land." Special Christmas program sponsored by the Codornices Club of Berkeley
 10 to 11 p. m.—Dance program

508 Meters

KLX

590 Kilocycles

The Oakland Tribune, Oakland, California

- 7 to 7:30 p. m.—News items
 (Programs continued on next page)

Tuesday Programs—Continued

268 Meters **KFRC** 1120 Kilocycles

City of Paris Dry Goods Co., San Francisco

6:30, 7, 7:30, 8 a. m.—Physical Culture Course, Bernard Drury

12 noon to 12:20 p. m.—Inspirational talk by Mary Katherine Maule

6:30 to 6:50 p. m.—Mac and His Gang

6:30 p. m.—Police reports and announcements

6:30 to 7 p. m.—Fred McKinley of Blj'n's, popular songs

7 to 7:15 p. m.—Talk by J. M. Cunningham

7:15 to 7:30 p. m.—"Babson's Statistics," Harrison Hollway

8 to 9 p. m.—Studio program, courtesy of the Baldwin Piano Company

9 to 9:30 p. m.—Carl Lamont's popular program featuring Paula George and the Wayland Sisters

9:30 to 11 p. m.—Continuous dance music from Balconades Ballroom by Walter Krausgrill and his Orchestra and William Backstedt's Old-Timers Orchestra

476 Meters **CNRR** 630 Kilocycles

Canadian National Railways, Regina Sask.

7 p. m.—Studio program by the Queen City Mandolin Club, under the direction of Miss Dorothy Fletcher, assisted by Miss Bobbie Roberts, vocalist

Queen City Mandolin Club—

Black Rover

Yankee Pep

Beautiful Rainbow

Mandolin and guitar duet, Miss Dorothy Fletcher and J. W. Kirby—

Spanish Waltz, Santiago

Queen City Mandolin Club—

Beneath the Holly

Carita

Down Dixie Way

Vocal selections, selected, Miss Bobbie Roberts

Queen City Mandolin Club—

Hungarian Dances, Nos. 3 and 6

Mandolin and guitar duet, Dorothy Fletcher and J. W. Kirby—

Hungarian Dance, No. 5

Queen City Mandolin Club—

Con Amore

Monastery Bells

Vocal selections, selected, Miss Bobbie Roberts

Queen City Mandolin Club—

Cavaleria Rusticana

Norwegian Slumber Song

A Perfect Day

238 Meters **KMTR** 1260 Kilocycles

K. M. Turner, Hollywood, California

9 a. m.—"Dad's Hour," by Dad King

9:30 a. m.—Sylvia Szymanski, "The Blind Cook"

10 a. m.—Dr. T. J. Coulter, cat and dog physician, will talk on "Cats and Dogs"

2 p. m.—Turner radio program

2:30 p. m.—Program through courtesy of Los Angeles Parent Teachers Assn.

3 p. m.—Rev. S. J. Skevington

5 p. m.—Home Hour, conducted by Georgia Simmons, with Billy Lord, Margaret Bond and Neighborhood children.

5 to 6 p. m.—Starr Piano Co. program

7:30 p. m.—E. F. Barclay, lecturer and explorer, will talk on the diamond mines of Central Africa

8 to 10 p. m.—KMTR Concert Hour, presenting the Turner Orchestra

491.5 Meters

KGW

610 Kilocycles

The Morning Oregonian, Portland, Oregon

10:30 a. m.—The Town Crier, music, weather report, news items and shopping guide

12:30 to 1:30 p. m.—Rose City Trio

6 to 7 p. m.—Dinner concert

7:30 to 7:45 p. m.—Weather, market and police reports, news items and sporting results

7:45 to 8 p. m.—Talk, Oregon Bankers Association

8 to 10 p. m.—Educational program; Auction bridge lessons; "Style" talk, music by McElroy Quartet

10 to 12 p. m.—Dance music from Indian Grill of Multnomah Hotel

306 Meters

KTCL

980 Kilocycles

New Washington Hotel, Seattle, Wash.

9:30 to 9:45 a. m.—Weather report; stock and bond quotations

9:45 to 10 a. m.—Fraser-Paterson Department Store studio program

10 to 10:15 a. m.—Daily recipes; announcements from the public markets

12:30 to 1:30 p. m.—Meves' Cafeteria, Henri Damski's Concert Orchestra

8 to 9 p. m.—International Bible Students' Association studio program

252 Meters

KFWB

1190 Kilocycles

Warner Brothers, Hollywood, California

5 to 6 p. m.—Children's hour conducted by Elg Brother of KFWB with stories, educational subjects and answers to children's questions taken from the Book of Knowledge

7 to 7:15 p. m.—Dr. W. I. Schuster, Scientific

Chiropractor, gives his weekly health talk

7:15 to 7:30 p. m.—Microphone brevities

7:30 to 8 p. m.—Program presented by courtesy of Elmer R. Sly Co.

8 to 10 p. m.—Varied program

10 to 11 p. m.—Warner Bros. frolic

11 to 12 p. m.—Henry Halstead's Orchestra radiocasting over KFWB by remote control from the Hollywood Roof Ballroom

384.4 Meters

KJR

780 Kilocycles

N. W. Radio Service Co., Seattle, Wash.

10:30 to 11:30 a. m.—Music and talks

1 p. m.—Time signals

1:15 to 2 p. m.—Organ recital

2 to 2:15 p. m.—"Home Helps," talk by Bernice Redington of the Post Intelligence staff

2:15 to 2:30 p. m.—Produce report

5:40 to 6 p. m.—Stock quotations

6 p. m.—Time signals

6 to 6:30 p. m.—What's doing at the theaters; weather reports

7 to 7:30 p. m.—Program; bedtime stories

7:30 to 8:30 p. m.—Christmas carols

8:30 to 10 p. m.—Puget Sound Savings & Loan Ass'n Orchestra under the direction of Henri Damski

10 p. m.—Time signals

220 Meters **KJBS** 1360 Kilocycles

Julius Brunton & Sons Co., San Francisco

9 to 10:30 a. m.—Vocal and instrumental selections

10:30 to 10:45 a. m.—Interesting chiropractic talks by Dr. Buren L. Corley

2 to 2:30 p. m.—Vocal and instrumental selections

Tuesday Programs—Continued

232.4 Meters **KFON** 1210 Kilocycles

Echophone Radio Shop, Long Beach, Calif.

10 a. m.—Daily shopping tour
2:30 to 4 p. m.—Long Beach Municipal Band
4 to 4:30 p. m.—Late news and sports
4:30 to 5 p. m.—The amusement bulletin
6 to 6:30 p. m.—Organ recital
8 to 9 p. m.—Press-Telegram program
9 to 11 p. m.—The Aero Club of Long Beach high jinx

275.1 Meters **KFSG** 1090 Kilocycles

Angelus Temple, Los Angeles, California

10:30 to 11:30 a. m.—Sunshine hour. Fanny Ashby, radio girl, Helen Stanhope, soprano and accompanist. Sermon and prayers for the sick by Rev. Gladwyn N. Nichols
11:30 a. m. to 12:30 p. m.—Organ recital by B. Earnest Ballard. Ruth Winter Hanna, soprano. Florence Belcher, contralto
3:30 to 4:30 p. m.—Organ recital by B. Earnest Ballard
6:30 to 7:30 p. m.—Gray Studio program by Harry James Beardsley and Eugene Lamb, pianist. Cousin Jim's hour with the children, stories and articles taken from "Compton's Picture Encyclopaedia"

231 Meters **KQW** 1300 Kilocycles

First Baptist Church, San Jose, California

8 to 10 p. m.—First Presbyterian Church Choir of sixty voices presents "THE COMING OF THE KING," oratorio cantata by Dudley Buck. Homer DeWitt Pugh, director; Elizabeth Ateu Pugh, accompanist
Soprano solo, Miss Winifred Esterbrook—
O Jerusalem Look About Thee
Full Chorus—
Awake, Put On Thy Strength, O Zion
Contralto solo, Miss Ethel White—
The Angel Gabriel Was Sent
Tenor solo, Homer DeWitt Pugh—
Hail, Thou that Art Highly Favored
Chorus—

The Son of the Highest
The Caravan of the Magi, Melchior, Gaspar and Baltasar, three kings of the Orient, "We March Through the Cool of the Night," Homer DeWitt Pugh, Chas. A. Pugh and Dudley Wendt, male trio
The Plains of Bethlehem: "And there were in that same country shepherds abiding in the fields."

Solos: Ladies' chorus; full chorus
Departure of the Shepherds
Bass introduction, Dudley Wendt
"Christian awake! Salute the happy morn"
Christmas greetings, Dr. Joseph A. Stevenson
French writer's descriptive composition depicting march of the "Wise Men" following the "Star of the East," represented in the music by the sustained high B.
Contralto solo, Miss Ethel White—

The Virgin's Lullaby, "Sleep, My Jesus"
Magi Trio and Chorus—
Questioning the Magi by King Herod
Soprano solo, Miss Winifred Esterbrook
Bass solo, Dudley Wendt
Adeste Fideles (Come All Ye Faithful)
Womens' voices, men's voices, full chorus
Benediction

291 Meters

CNRV 1170 Kilocycles

Canadian Nat. Railways, Vancouver, B. C.

7:30 p. m.—Bedtime Stories by Aunt Ruby
8:30 p. m.—Studio program. B. C. Musical Festival, under the auspices of the Knights of Pythias, present the choir and minister of the First Church, Vancouver, B. C., in a special Christmas program. Rev. J. Richmond Craig, minister; C. C. Warren, L.A.B., organist and choir master
Anthem, Mrs. James Stuart, Harold Jackson and Choir—
Christians Awake.....Mauder
Carol, Choir—
Hark the Herald Angels Sing
Solo, Mrs. G. H. Hawkins—
Star of Bethlehem.....Stephen-Adams
Anthem, Male Choir—
Behold I Bring You Good Tidings.....Goss
Carol, Choir—
Holy Night
Solo, Gordon Keatley—
O Saviour Divine.....Temple King
Bible Reading, Rev. J. Richmond Craig—
Matthew, 2nd Chapter, First 15 Verses
Solo and anthem, Mrs. James Hillcoat and Choir—
O Thou That Tellest "Messiah".....Handel
Piano solo, C. C. Warren L.A.B.—
Chapel Chimes
Vocal duet, Mrs. G. H. Hawkins and Gordon Keatley—
Songs of Praise.....Hofmer
Anthem, Choir—
How Lovely Are the Messengers.....Mendelssohn

Address, Rev. J. Richmond Craig—
What Christmas Means
Carol, Choir—
It Came Upon the Midnight Clear
Solo, W. Sugden—
Christmas Bells.....Liddle
Anthem, Miss Margaret Hastie, W. Sugden and Choir—
There Were Shepherds.....Foster
Solo, selected, J. K. Hutchinson
Anthem, Choir—
Hallelujah Chorus, "Messiah".....Handel
10:30 p. m.—Cabaret Belmont Orchestra, assisted by Miss Bebe Mullar, soprano, direct from the Belmont Hotel, Vancouver, B. C.

337 Meters

KNX 890 Kilocycles

Los Angeles Evening Express, Los Angeles

7:30 a. m.—KNX morning gym, by J. C. Casey
8 a. m.—Inspirational talk and morning prayer
9 a. m.—Time signals; birthday notices
10 a. m.—Town Crier of day's morning message
10:30 a. m.—Household economics, Kate Brew Vaughan
12 to 1 p. m.—Wurlitzer organ recital
1:30 p. m.—The Book Worm
2 to 3 p. m.—Mother's hour; an hour of music and educational talks in interest of children
3 to 4 p. m.—Matinee program
4 p. m.—Ethel Ransome and her pupils
5 to 5:30 p. m.—Sunny Jim's children's hour
5:30 to 6:15 p. m.—Wurlitzer organ concert
6:15 p. m.—The Town Tattler
6:15 p. m.—W. F. Alder travelogue
6:30 to 7 p. m.—Atwater Kent orchestra
7 to 7:45 p. m.—Studio program
7:45 p. m.—Talk on health by Dr. R. T. Williams
8 to 10 p. m.—Feature program
10 to 12 p. m.—Movie night, Ambassador Hotel; Ray West's Coconut Grove Orchestra

SCHEDULES FOR WEDNESDAY

DECEMBER 23, 1925

Pacific Time, Corrected Weekly. For Wave Length, Location, Power and Owner, See Page 62

a. m.	Central Cal.	Southern Cal.	Pacific S. W.	Inland
5:30 to 7	KFRC			
7 to 7:30	KGO KFRC KPO	KHJ	KGW	
7:30 to 8	KGO KFRC KPO KRE	KNX		
8 to 8:30	KHD KFRC KPO	KNX		
8:30 to 9	KHD	KNX		
9 to 9:30	KJBS KTAB	KMTR		
9:30 to 10	KJBS	KMTR	KTCL	
10 to 10:30	KJBS KPO KFRC	KFON KMTR	KTCL	
10:30 to 11	KFIU KFWH	KFSG KMX KFI	KGW	WFAA KTHS KFKX KFKX KGA
11 to 11:30	KRE KFIU KFWH	KFSG		
11:30 to 1	KGO	KFSG	CJCA	KOA
p. m.				
12 to 12:30	KGO KFRC	KHJ KMX KFSG	CFAC CJCA	WHR
12:30 to 1	KGO	KHJ KMX KFWH	KGW KFIU	WHR WFAA
1 to 1:30	KPO	KHJ	KFOA KJR KGW	WOC
1:30 to 2	KPO KGO	KHJ KMX	KJR	WDAF
2 to 2:30	KJBS	KNX	KJR	WLW KDYL WDAF WOC
2:30 to 3	KPO	KHJ KFSG KFOR KMTR KMX		KDYL
3 to 3:30	KGO KPO	KHJ KFSG KFOR KMTR KMX	CFAC	WSB WWJ WTAM KFKX KDYL KFAB KFWA
3:30 to 4	KGO KPO	KFSG KFOR KNRK KNX		WSB WDAF WWJ WTAM KFKX KFAB KFWA
4 to 4:30	KGO KGW KLX	KFSG KMX KFOR KNRK	KFEC KFOA	WDAF WWJ KFWA
4:30 to 5	KGO KGW KLX	KFSG KMX KFOR	KFEC KFOA	WDAF WWJ WOC KFWA KDKA KYW
5 to 5:30	KGO KRE KLX	KFSG KMTR KFWH KMX	CJCA	WLB WGR WCCO WLS WWJ KOA WGY KYW WTAM
5:30 to 6	KFRC KGO KPO KRE	KFI KMX KFWB KMTR	CJCA CNRW	KDYL PWX WWJ KOA WTAM CNRM CNIO WHR WGR WDAF WCCO WLS KYW WGY
6 to 6:30	KFRC KFWH KPO KGO KZM	KFI KMX KHJ KFOR	KMO CJCA CFAC KJR KFOA CNRW KGW	WWJ KDYL WDAF WBAF WLS WOS WCCO KDKA PWX KYW WGR WTAM WLW WGY KOA WMAQ WJZ WFAF WKRC WJR CNRM CNIO WENR
6:30 to 7	KGO KPO KZM KFRC KFIU	KHJ KFWO KMX KFSG KFI	KMO CJCA CFAC KFOA CNRW KGW	KDKA PWX KYW WGR WWJ WCCO WGY KDYL WTAM WDAF WMAQ WGN KOA WLS WOS KFAB WJZ WFAF WKRC WJB WJAD CNRM CNRO WENR
7 to 7:30	KRE KFIU KFRC KPO KLX KGO	KHJ KFSG KMX KFI KFWO KNRK KFWB KMI	KGB KFOA KJR CNRW	WEBH KOA XICE KTHS WLS KFKX WOS WTAM WFAF WOC WWJ KSL WGR PWX WDAF KFAB WMAQ WGN WGY WJZ WGR WKRC WCCO WEEI WOO WJR WBEI CNRM CNRO WENR WCAU WCAP
7:30 to 8		KFI KMX KPCC KFWO KNRK KFWB KMI	CHBC KJR KWSC CNRW KGB KFOA KGW KFDJ KTCL	WLS WOS WTAM WFAF WOC WWJ WDAF PWX XICE WEBH KFKX WGY WGR KOA KTHS KSL KFAB WMAQ WJZ WGR WKRC WCCO WEEI WOO WJR CNRM CNIO WENR WJAD WCAU WCAP
8 to 8:30	KPO KLX KFRC KFWH KJBS KTAB KGTI KGW KFOA	KFI KZB KFOR KMI KHJ KMX KPCC KMTR KFWB KTHS KNRK	CHBC CFCT KGW CNRW KGB KFOA KJR KWSC KFDJ KTCL	WBAF XICE KFWA KFKX WJZ WGR WQJ PWX WLW KSL KFAB WMAQ WFAF KOA WLS WTAM KDYL WCCO WEEI KYW KTHS WKRC WOO WJR WGR WBCN WCAU WCAP WSM
8:30 to 9	KPO KLX KFRC KFWH KJBS KTAB KGTI KGW KFOA	KZB KFOR KMI KMTR KMX KTHS KNRK KFI KHJ KFWB	CHBC KGB CKCD KJR CFCT KFOA KWSC CNRW KGW KTCL	KYW WQJ WCCO WLW WTAM KSL KFWA KDYL KOA WMAQ WGN KFKX WFAF WGR KTHS WJZ WKRC WOO WJR WBCN WEEI WHAD WCAU WCAP WSM
9 to 9:30	KLX KPO KFIU KFRC KJBS KGTI KRE KFWH KTAB KQ KQW KFOA	KFI KHJ KFWB KMX KMTR	KMO KFOA KJR KTCL CKCD CFCT CNRW	KYW WQJ WQJ WCCO WGN WLW WTAM WEBH WGR KOA KFWA WJR WBCN WCAP WHAD KSL
9:30 to 10	KRE KFWH KJBS KLX KPO KFIU KFRC KGTI KTAB KFOA	KFI KHJ KFWB KMX KMTR	KMO KFOA KJR CKCD CNRW	WSB WQJ WCCO WLW WTAM WEBH WGR KOA KYW WBCN WCAP WHAD KSL
10 to 10:30	KRE KFRC KPO KLX	KFI KHJ KFWB KMX KMTR	KGW	WQJ WENR WEBH WDAF KYW KOA WHAD KSL
10:30 to 11	KRE KFRC KPO KLX	KFI KHJ KFWB KMX KMTR	KGW	WQJ WENR WEBH WDAF KYW
11 to 11:30	KHJ KLX KFRC	KFWB KHJ		WENR WQJ KYW
11:30 to 12	KRE KFRC	KFWH		WENR WQJ KYW

KYW radiocasts news items every half hour—on the hour and on the half—during day and night



GAROD V NEUTRODYNE

HERE IS A TEST

Listen to as many receivers as you can, receiving the performance of a complete orchestra. Then hear the same performance reproduced by the Garod. The Garod will reproduce all the instruments—the basses included—every note crystal clear, undistorted and unaccompanied by extra noises, regardless of volume.

Arrange for a demonstration at the following dealers:

EMPORIUM	Market Street
STAPLES	910 Market Street
SABIN ELECTRIC CO.	664 Post Street
SERVICE ELECTRIC CO.	525 Clement Street
HONS ELECTRIC CO.	3979 24th Street
FRUITVALE ELECTRIC CO.	3271 E. 14th St., Oakland
UNIVERSITY RADIO LABORATORIES	2431 Bancroft Way, Berkeley
UNIVERSITY RADIO LABORATORIES	1947 Grove Street, Oakland
VIEUX BROS.	Hayward
RADIO SALES CO.	Burlingame
STANFORD AUTO CO.	Palo Alto
KIMBERLIN RADIO STUDIO	San Jose
CALIF. MECHANICAL & ELECTRICAL ENGINEERING CO.	Sacramento
A. M. SCHIVELEY	Marysville



Distributed by

California Electric Supply Co.

643 MISSION STREET

SAN FRANCISCO

Dealers: Write for Proposition

Tell them that you saw it in Radiocast Weekly

PROGRAMS FOR WEDNESDAY

DECEMBER 23, 1925

Gerald M. Best
KTAB—8 p. m.Edna Linkowski
KGO—3 p. m.Ernle Losser
KTAB—8 p. m.Dan O'Brien, Jr.
KPO Operator

361 Meters

KGO

830 Kilocycles

General Electric Company, Oakland, Calif.

- 7:15 to 7:30 a. m.—Health Training Exercises, Hugh Barrett Dobbs
 7:45 a. m.—"Pep Class," Hugh Barrett Dobbs
 8:15 to 8:30 a. m.—Health Training Exercises, Hugh Barrett Dobbs
 8:30 a. m.—"Daily Strength"—Cheerio
 8:45 a. m.—Mme. Elfrieda Wynne; inspirational songs
 11:30 a. m. to 1 p. m.—Luncheon concert, courtesy Pacific States Electric Co.
 12 noon—Time signal
 12:30 p. m.—U. S. weather report
 1:30 p. m.—Stock and weather bureau reports
 3 to 4 p. m.—Mme. Chas. Foulter, soprano; Edna Linkowski, pianist. Also, speaker from Williams Institute, Berkeley
 4 to 5:30 p. m.—Concert Orchestra of the Hotel St. Francis, San Francisco, Vinton La Ferrera, conducting
 5:30 p. m.—Mr. Fix-it
 6 to 7 p. m.—Dinner concert from Sherman, Clay & Company studio, San Francisco
 7 p. m.—News items, weather bureau report, stock reports and S. F. produce news

256 Meters

KRE

1170 Kilocycles

Berkeley Daily Gazette, Berkeley, California

- 7:30 a. m.—Good thought service, conducted by the Rev. W. R. H. Hodgkin, D.D.
 11:15 a. m.—Physical exercises for women, Dorothy Barron
 5 to 5:30 p. m.—Kiddies' hour with Big Brother Stories and reading of letters
 5:30 p. m.—Christmas entertainment by pupils from Week Day Church Schools of Berkeley
 7 p. m.—Current news by leased wire
 7:15 p. m.—Weather forecast
 9 to 12 p. m.—Dance program by the Hotel Claremont Dance Orchestra, under direction of Horace Heldt, radiocast from dinner dance at Hotel Claremont, Berkeley, California
 9:30 p. m.—Studio program special entertainment by artists from Berkeley theaters of the West Coast Theaters, Inc., courtesy of the management
 10 p. m.—Studio program, intermission solos by members of the Hotel Claremont Orchestra

467 Meters

KFI

640 Kilocycles

Copyright 1925 by E. C. Anthony, Inc., L. A.

- 10:45-11:05 a. m.—Betty Crocker Gold Medal Flour Home Service Talk
 5:30 p. m.—L. A. Examiner Matinee program
 6 p. m.—KFI nightly doings and amusement information service
 6:15 p. m.—Radio Motorlogue Resort Service; courtesy of Mr. Hewitt
 6:30 p. m.—Vest Pocket Concert
 6:45 p. m.—KFI Radiatorial Period
 7 p. m.—Nick Harris detective stories
 7:20 p. m.—Varied program, featuring Ysabel Bowen, soprano; Frank Barry, tenor, and Theron Bennett, composer-pianist
 8 p. m.—Program of the Ventura Refining Co., presenting prominent radio artists
 9 p. m.—Program presented by L. A. Examiner
 10 p. m.—Regular Wednesday night program of the Patrick-Marsh Orchestra. Betty Patrick soloist

322.4 Meters

KOA

930 Kilocycles

General Electric Company, Denver, Colorado

- 10:45 a. m.—Weather; road reports, stocks, markets; livestock and produce
 11:15 a. m.—Rialto theater musicale
 6 p. m.—Stocks; markets; livestock; produce and news bulletins
 5:30 p. m.—Dinner concert, Brown Palace String Orchestra
 6:30 p. m.—Book of Knowledge, directed by H. G. Knight
 7 p. m.—Studio program, part one, miscellaneous presentations including instrumental selections by KOA Orchestra; readings, Theo. H. Bird, and baritone solos, Carleton Bowman. Part two, address, "The Christmas Spirit," by Rev. Elmer E. Freed, pastor, Corona Presbyterian Church, and traditional Christmas carols and hymns by Corona Presbyterian Church Quartette. Members of this group are: Mrs. Richard Osenbaugh, soprano; Mrs. Irving Green, contralto; Ralph Freese (R. F.), tenor, and Dr. Clyde Englund, baritone. The accompanist will be George Richter
 9 p. m.—Dance program, Harmony Peerless Orchestra, Colburn Hotel

Wednesday Programs—Continued

240 Meters **KTAB** 1250 Kilocycles

Tenth Ave. Baptist Church, Oakland, Calif.
9 to 9:30 a. m.—Prayer service by Rev. Geo. W. Phillips, pastor

8 to 10 p. m.—"RADIOCAST WEEKLY" all star program of unique entertainment. Opening selection, "Concerto Polka," by the Colombian Trio from South America, playing the guitar, tiple and lira, instruments seldom heard on the air.

"The Spirit of Christmas," by Arthur H. Halloran, editor of "RADIOCAST WEEKLY" and "RADIO"

Demonstration and explanation of the Bloophophone, a new musical instrument employing vacuum tubes as the sound source, by Gerald M. Best, technical editor of "RADIOCAST WEEKLY" and "RADIO"

The Colombian Trio: "Song of India," played on a saw, accompanied by the tiple and lira
Earle Ennis, feature writer for "RADIOCAST WEEKLY" in person as the "Loud Speaker" in humorous radio comment

Tenor solos, Ernie Losser—

County Down Irish Ballad
Pal of My Cradle Days

A radio code limerick with prizes for correct answers

Accordian solos, John Zunino—
Quartette from "Rigoletto" Verdi

Pietro's Return March Deiro
The Colombian Trio—

Overture—Poet and Peasant F. Von Suppe
Tenor solos, Ernie Losser—

Coming Home

When Irish Eyes Are Smiling

Accordian solos, John Zunino—
Danube Waves J. Ivanovici

Light Calvary Overture Suppe
Practical test of your radio's sound range by means of equipment from RADIO'S Calibration Laboratory

The Colombian Trio—

Ojos Tapatos Mexican Song
Two voices, guitar and tiple acc.

Galito Spanish Song
Lira, tiple and guitar

Accordian solos, John Zunino—
Selected ballads

The Colombian Trio—

The Hour of the Tea Argentine Tango
Intermezzo L. A. Calvo

Barcarolle from "Tales of Hoffman" Offenbach

The Rosary Nevin

Telephone or wire request numbers

226 Meters **KFOB** 1330 Kilocycles

Chamber of Commerce, Burlingame, Calif.

8 to 10 p. m.—An eight piece string orchestra direction of P. Antone, of Belmont, will entertain with dance and popular selections. Others, well known from the Bay region, will entertain during the intermissions

294 Meters **KTBI** 1020 Kilocycles

The Bible Institute of Los Angeles, Calif.

8 to 9 p. m.—Program will be arranged by Herbert G. Tovey, director of programs

231 Meters **KQW** 1300 Kilocycles

First Baptist Church, San Jose, California

7:45 to 9:30 p. m.—Christmas program

428 Meters

KPO

700 Kilocycles

Hale Bros. & The Chronicle, San Francisco
7, 7:30 and 8 a. m.—Daily dozen exercises given under the direction of the Y.M.C.A.

10 a. m.—Sewing talk by Betty Ross of Bel-ding Bros.

10:30 a. m.—"Ye Towne Cryer" and amusement information service; U. S. weather forecast

10:35 a. m.—Market report, butter, eggs, poultry

12 noon—Time signals; scripture reading

1 to 2 p. m.—Rudy Seiger's Fairmont Hotel Orchestra

2:30 p. m.—Program by James Lano's Hawaiian Orchestra

3:30 p. m.—Talk on fashions by Ninon, fashion critic of The Chronicle; notes from "Breath of the Avenue"

5:15 to 6:15 p. m.—Children's hour stories by Big Brother, taken from Book of Knowledge

6:15 p. m.—Stock quotations

6:30 p. m.—"Ye Towne Cryer" and amusement information service

6:40 to 7 p. m.—Waldemar Lind and the States Restaurant Orchestra

7 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra

8 to 9 p. m.—Program by the Atwater Kent Artists, under the direction of Ernest Ingold, Incorporated

March Religioso Chambers

Chanson, Vespers de Noel Berger

Selection of Christmas Songs Tobani

Songs from the Old Folks Roberts

Five Yuletide Songs

Selections from "The Messiah" Handel

Chapel Chimes Maurice

Soprano solos—

A Perfect Day Bond

That Wonderful Mother of Mine Goodwin

9 to 10 p. m.—Program of dance music by the Goodrich Silvertown Cord Orchestra, Reg. Code, director

10 to 11 p. m.—Waldemar Lind and the States Restaurant Orchestra

275.1 Meters **KFSG** 1090 Kilocycles

Angelus Temple, Los Angeles, California

10:30 to 11:30 a. m.—Sunshine hour. Sermon and prayers for the sick by Anita Hopper.

Radio Trio: Helen Stanhope, Fanny Ashby and Essie Binkley

11:30 a. m. to 12:30 p. m.—Organ recital by B. Earnest Ballard. Amanda Garden, reader.

Felecia Lavender Black, soprano. John H. Kennedy, baritone. Mr. and Mrs. Sidney Correll, vocal duets

2:30 to 5:30 p. m.—Regular divine healing service by Almee Semple McPherson. Testimonies. Fanny Ashby, Sunshine Radio Girl.

Ladies' Chorus. Bible School Quartet.

6:30 to 7:30 p. m.—Angelus hour. Program presented by John H. Kennedy and assisting artists. Dorothy Woods, reader. The Sunshine Quartet. Evelyn Holbrook, soprano.

Mildred Hanna, soprano. Frances Roche Brown, violinist. Elizabeth Coe, pianist

349 Meters **KWSC** 860 Kilocycles

Washington State College, Pullman, Wash.

7:30 to 9 p. m.—Special program given by faculty members

Mrs. Herbert Kimbrough in vocal solos and piano

Who Should Stay on the Farm? Neil W. Johnson

Book Reviews, Alice Lindsey Webb

(Programs continued on next page)

Wednesday Programs—Continued

268 Meters

KFRC

1120 Kilocycles

City of Paris Dry Goods Co., San Francisco

6:30, 7, 7:30, 8 a. m.—Physical Culture Course, Bernard Drury

10 a. m.—Household Hints, Mary Lewis Haines, S. F. "Call"

12 noon to 12:20 p. m.—Inspirational talk, Mary Katherine Maule

5:30 to 6:30 p. m.—Mac and His Gang

6:30 p. m.—Police report and announcements

6:30 to 7:30 p. m.—Concert from Drury Lane, Hotel Whitcomb by Stanislaus Bem's Little

Symphony Orchestra

Selections from "Sarl".....Kalman

Chinese Wedding Procession.....Hosmer

Serenade du Tzigano.....Valdez

Gipsy Baron selection.....Strauss

Intermission soloist, Deythe West, soprano

8 to 9 p. m.—Concert in Drury Lane, Hotel

Whitcomb by Stanislaus Bem's Little Sym-

phony Orchestra

Selections from "Czardasfurstin".....Kalman

Student Prince Waltzes.....Romberg

The Old Mother.....Dvorak

Were My Songs with Wings Provided.....Hahn

Grand opera selection, "Tiefland".....d'Albert

Intermission solos

8:15 p. m.—University of California Extension

lecture, Milton A. Epstine

Intermission health talk, Bernard Drury

9 to 10 p. m.—Studio program

10 to 12 p. m.—Dance music from The Balcon-

ades Ballroom by Walter Krausgrill's Orches-

tra

384 Meters

CNRW

780 Kilocycles

Canadian Nat. Railways, Winnipeg, Man.

5:30 p. m.—Aunt Aimee's bedtime story

6 p. m.—Musical program, direct from the Mez-

zanine floor of the Fort Garry Hotel, by

Irvine Plumm and his Fort Garry Hotel

Orchestra

8:30 p. m.—Dominion Department of Agricul-

ture market reports

6:40 p. m.—Studio program by the Canadian

National Railways' Transcona Shops' Brass

Band, under the direction of Bandmaster

J. T. Cocking

Assisting artists, A. Leslie Garside, baritone,

and Miss Florence Berrinder, accompanist

8 p. m.—Supper dance program, direct from the

supper dance club room of the Fort Garry

Hotel, by Irvine Plumm and his Fort Garry

Hotel Orchestra. Selections by Al Kilgour

during dance program intermissions

232.4 Meters

KFON

1210 Kilocycles

Echophone Radio Shop, Long Beach, Calif.

10 a. m.—Daily shopping tour

2:30 to 4 p. m.—Long Beach Municipal Band

4 to 4:30 p. m.—News and sports

4:30 to 5 p. m.—Amusement bulletin

6 to 6:30 p. m.—Organ recital

8 to 9 p. m.—Press-Telegram program

261 Meters

KFWA

1150 Kilocycles

Browning Bros. Company, Ogden, Utah

3 to 4 p. m.—Organ recital

4 to 5 p. m.—Ogden radio dealers' program

4:45 p. m.—Market reports

8 to 9:30 p. m.—Dance music by Olle Reeves

and his orchestra

508 Meters

KLX

590 Kilocycles

The Oakland Tribune, Oakland, California

4 to 5 p. m.—Women's hour

5 to 6:30 p. m.—Aunt Elsie's Sunset Matinee

7 to 7:30 p. m.—News items

8 to 9 p. m.—Educational program featuring

Roy Harrison Danforth, Ad Schuster, Harry

Noyes Pratt, Nadine Shephard, Professor E.

R. deOng and other experts of The Tribune

and University of California. Weekly Safety

Council

9 to 10 p. m.—Program

10 to 11:30 p. m.—Sweet's Ballroom; Tom

Gerunovich and his ballroom entertainers

220 Meters

KFUU

1360 Kilocycles

Mathewson Motor Company, Oakland, Calif.

10:45 to 11:45 a. m.—Concert, News Events

6:30 to 7:15 p. m.—Scotty and his Clan

7:15 to 7:30 p. m.—News Events

405.2 Meters

KHJ

740 Kilocycles

Los Angeles Times, Los Angeles, California

7 to 7:15 a. m.—Exercises, Prof. B. L. Severns

12 to 12:30 p. m.—Leighton's Cafeteria Orches-

tra, directed by Jack Cronshaw

12:30 to 1:30 p. m.—Program

1:30 p. m.—Weekly garden talk by Fred C.

McNabb

2:30 to 3:30 p. m.—Matinee program

6 to 6:30 p. m.—Leighton's Cafeteria Orchestra

6:30 to 7:30 p. m.—Children's program pre-

sented by Prof. Walter Sylvester Hertzog, Radio

Historian; Dick Winslow, screen juvenile re-

porter; Mickey McBan, screen juvenile; Cam-

milla Johnson, 8-year-old screen juvenile and

the Piggly Wiggly Girls, courtesy of Piggly

Wiggly Stores

8 to 8:30 p. m.—Astronomy talk by Dr. Mars

Banngardt

8:30 to 10:30 p. m.—De Luxe program

10:30 to 11:30 Art Hickman and his Biltmore

Hotel Dance Orchestra

384.4 Meters

KJR

780 Kilocycles

N. W. Radio Service Co., Seattle, Wash.

1 p. m.—Time signals

1:15 to 2 p. m.—Organ recital

2 to 2:30 p. m.—Produce report

5:40 to 6 p. m.—Stock quotations

6 p. m.—Time signals

6 to 6:30 p. m.—"What's doing at the theaters;

weather reports

7 to 8:30 p. m.—Sears-Roebuck & Co. program

8:30 to 10 p. m.—Post Intelligencer program

10 p. m.—Time signals

252 Meters

KFWB

1190 Kilocycles

Warner Brothers, Hollywood, California

5 to 6 p. m.—Children's hour conducted by Big

Brother of KFWB with stories, educational

subjects and answers to children's questions

taken from the Book of Knowledge

7 to 7:30 p. m.—Program presented by cour-

tesy of Mutual Motors, Inc. Several jokes are

read during this half hour and cash prizes

are awarded

7:30 p. m.—Microphone Brevites

8 to 10 p. m.—Varied program

10 to 11 p. m.—Warner Bros. frolic

11 to 12 p. m.—Henry Halstead's Orchestra

radiocasting over KFWB by remote control

from the Hollywood Roof Ballroom

Wednesday Programs—Continued

220 Meters **KJBS** 1360 Kilocycles

Julius Brunton & Sons Co., San Francisco
9 to 10:45 a. m.—Vocal and instrumental selections
2 to 2:30 p. m.—Vocal and instrumental selections
8 to 10 p. m.—Special feature program given by Jimmy Raymond and Harry Hume, "After Dinner Boys," assisted by Marjory Reynolds, Billie Byers, Bobbie Green and many others professional artists.

238 Meters **KMTR** 1260 Kilocycles

K. M. Turner, Hollywood, California
9 a. m.—"Dad's Hour" by Dad King
10 a. m.—Rev. S. J. Mathison, Hollywood Christian Church
2:30 p. m.—Easy Chair Hour
3 p. m.—Mr. F. J. Schwankowsky on "Art Appreciation"
5 p. m.—Home Hour conducted by Georgia Simmons, with pupils of Geraldine Kasal
8 to 10 p. m.—KMTR Concert Hour, presenting the Turner Orchestra
10 to 11 p. m.—Starr Piano Co. program

254 Meters **KFWH** 1180 Kilocycles

F. Wellington Morse, Jr., Chico, California
10:30 to 11:30 a. m.—Special announcements and musical program
6:15 to 6:30 p. m.—News events and amuse-service
8 to 10 p. m.—A Christmas program presented by a group of church choirs of Chico

306 Meters **KTCL** 980 Kilocycles

New Washington Hotel, Seattle, Wash.
9:30 to 9:45 a. m.—Weather report; stock and bond quotations
9:45 to 10 a. m.—Fraser-Paterson Department Store studio program
10 to 10:15 a. m.—"Exercise Over the Air," by T. G. "Van" Cook
10:15 to 10:30 a. m.—Daily recipes; announcements from the public markets
7:30 to 9:30 p. m.—Varied program

491.5 Meters **KGW** 610 Kilocycles

The Morning Oregonian, Portland, Oregon
7:15 a. m.—Y. M. C. A. Physical Culture Exercises
10:30 a. m.—The Town Crier, music, weather report, news items and shopping guide
12:30 to 1:30 p. m.—Rose City Trio
6 to 7 p. m.—Dinner concert
7:30 to 7:45 p. m.—Weather, market and police reports, news items and sporting results
8 to 9 p. m.—Concert
10 to 11 p. m.—Concert from Sherman, Clay & Co. studio

283 Meters **KFDJ** 1060 Kilocycles

Oregon Agricultural College, Corvallis, Ore.
7:30 p. m.—Musical selections
7:45 p. m.—"Financial Preparedness for the New Year," Miss Emma S. Weld
8 to 8:15 p. m.—"What Is Your Best Color?" Miss Alma Fritchhoff

337 Meters **KNX** 890 Kilocycles

Los Angeles Evening Express, Los Angeles
7:30 a. m.—KNX morning gym by J. C. Casey
8 a. m.—Inspirational talk and morning prayer
8:45 a. m.—Wesley Beans, baritone
9 a. m.—Time signals; birthday notices
10 a. m.—Town Crier of day's morning message
10:30 a. m.—Household economics, Kate Brew Vaughan
12 to 1 p. m.—Wurlitzer organ recital
1:30 p. m.—The Book Worm
2 to 4 p. m.—Matinee program
4 to 6 p. m.—Dr. Wayne B. Burr, "Care of Children"
5 to 5:30 p. m.—Sunny Jim's children's hour
5:30 to 6:15 p. m.—Wurlitzer organ recital
5:55 p. m.—The Town Tattler
6:15 p. m.—W. E. Alder travelogue
6:30 to 7 p. m.—Atwater Kent Orchestra
7 to 8 p. m.—Ambassador Concert Orchestra
8 to 10 p. m.—Feature program
10 to 11 p. m.—Ruth Roland and G. Allison Phelps

454.3 Meters **KFOA** 660 Kilocycles

Rhodes Department Store, Seattle, Wash.
12:30 to 1:30 p. m.—The Rotary Club luncheon program
4 to 5:15 p. m.—The Times, Wm. F. Hoffman's Olympic Hotel Orchestra, Today's recipe
6 to 6:45 p. m.—Hoffman's Concert Orchestra
6:45 to 8:15 p. m.—Hopper Kelly Company studio program
8:15 p. m.—Weather report and special announcements
8:30 to 10 p. m.—The Times organ recital from the Elks Club

YOUR SET!

Is like many others, capable of getting distance without enough volume to enjoy hearing it.

Read what M. E. Angleman of 3571 Harper St., Oakland, has to say:

"Using your KLOSS-UNIQUE-UNIT on my 4 tube 'Diamond of the Air' has brought splendid results.

"Previously DX too weak for loud speaker reception, now comes in with absolute clarity and amazing volume, equal to local reception."

The above is typical of what users say.

With the KLOSS UNIQUE-UNIT attached to your set, we guarantee more volume, more distance and selectivity, or your money refunded.

For use with Browning-Drake, Roberts, Freshman, Crosley Trirayn, Super-Heterodyne, all tuned R.F. Sets, Neutrodyne, etc. No extra tubes or batteries needed.

Patent Pending

Postpaid in U. S. \$13.50

State make of set with remittance.

J. M. KLOSS, RADIO

3006 COURTLAND AVENUE

OAKLAND

CALIFORNIA

SCHEDULES FOR THURSDAY

DECEMBER 24, 1925

Pacific Time, Corrected Weekly. For Wave Length, Location, Power and Owner, See Page 62

	a. m.	Central Cal.	Southern Cal.	Pacific N. W.	Inland
6:30	6:30 to 7	KFRC			
10	7 to 7:30	KGO KFRC KPO	KHJ		
12	7:30 to 8	KGO KFRC KPO KRE	KNX		
5:30	8 to 8:30	KGO KFRC KPO	KNX		
6:30	8:30 to 9	KGO			WFAA
9	9 to 9:30	KJBS KTAB	KMTR		
10	9:30 to 10	KJBS	KMTR	KTCL	
11	10 to 10:30	KJBS KPO	KFON KMTR	KTCL	
12	10:30 to 11:00	KFOW KFWH	KPSG KXN KMTR	KGW KJR	WFAA KTHS KFKX
1	11 to 11:30	KFOU KRE KFWH	KPSG KXN	KJR	KOA KFKX
2	11:30 to 12:00	KGO	KPSG	CJCA	KOA
3	12 to 12:30	KGO KFRC	KXN KPSG KHJ	CFAC CJCA	WHB
4	12:30 to 1	KGO	KXN KFWO KHJ	KGW KFOA KTCL	WHB WFAA
5	1 to 1:30	KPO	KHJ	KJR KFOA KGW KTCL	WOC
6	1:30 to 2	KPO KGO	KXN	KJR	WDAF WFAA
7	2 to 2:30	KJBS	KHJ KMTR KXN	KJR	WLV KDYL WDAF
8	2:30 to 3	KPO	KHJ KMTR KXN KFOU KHJ		KDYL KOA WFAA
9	3 to 3:30	KPO	KFON KHJ KXN	CFAC	WSE WJW WTAM KFKX KDYL KOA KFWA
10	3:30 to 4	KPO	KPSG KFOU KXN KXN		WSE WDAF WJW WTAM KFKX WFAA KFWA
11	4 to 4:30	KGO KPO KFRC	KPSG KFOU KXN	KFEC KFOA	WDAF WQAW WJW WOC KFWA
12	4:30 to 5	KGO KFOU KFRC	KFON	KFEC KFOA	WDAF WQAW WJW WFAA WOC KFWA
1	5 to 5:30	KGO KFRC	KMTR KXN		WOC WQAW KYW WGY WGS WJW WFAA WREO KDKA KOA KOIL WHB
2	5:30 to 6	KPO KFRC KGO	KMTR KFI KXN		KDYL WBAF WGY WGS WJW KOA WREO KDKA KYW WOC KOIL WHB
3	6 to 6:30	KPO KFRC KGO KZM KFWH	KFI KXN KHJ KFOU KMTR	KJR CNRC KGW	WBAF WSE WJW KYW KSD KDKA WHB KDL WMAQ WCOO WGY WIP WGS KOA WREO WOC WEAR WJZ WCBK KLS WENR KOIL WKRC WJR
4	6:30 to 7	KZM KPO KFRC KFWH KFOU	KFI KXN KFWO KHJ KMTR	CJCA KGW	WSE WJW WHB KYW KSD KDKA KDYL WMAQ WCOO WGN WFAA WREO WGY WIP WGS KOA WOC WEAR WJZ WCAU WCBK KLS WRC WENR KOIL WKRC WJR
5	7 to 7:30	KPO KFRC KRE KFOU KXN	KFWO KXN KFWB KFI KXN KHJ	KJR	WQAW WFAA KTHS WIP WBAF KXN KYW WEEI WCOO WHB WGS WGY WOC WMAQ WGN WJZ WJZ WBAF WKRC KFAU WCBK KLS WRC WENR WJZ WJR WCAU WJW KFAU
6	7:30 to 8	KFKX	KFON KXN KFWB KFI KXN KPSG KHJ	KGW CHBC KGB KJR	WBAF WQAW WHB WOC WIP WERN WCAU WGY WQAW WBAF KTHS WMAQ WEAR KSL WCOO WCBK KYW WGR WJZ WKRC WGS WRC WENR WJR WEEI WJW KFAU
7	8 to 8:30	KGO KPO KFRC KFKX KFOU KTAB KFWH KGW	KFI KPSG KXN KHJ KFWB KFWB KTRI KXN KFOU KMTR KPSG KFOA	CFAC CHBC CNRC KGB KJR	WBAF WQAW WGY KDYL KYW WQAW WJW WQJ KSL WLV KDKA KTHS WIP WMAQ WGS WLV WJAZ WJZ WBAF WKRC KFAU WCOO WRC WJR WGN WEEI WEAR KFWA
8	8:30 to 9	KFWH KFKX KQW KFRC KFOU KTAB KGO KPO	KDZB KPSG KHJ KTHS KFI KXN KFWB KXN KFOU KMTR KPSN	CHBC CHBC KGY KJR CFAC CNRC KGB	WQAW KYW WQJ KSL WGN WGY WKRC KDKA WLV KDYL WIP WMAQ WGS WRC WJAZ WJZ WBAF WJR WENR WEEI KTHS WJW KFWA KFAU
9	9 to 9:30	KFRC KFOU KTAB KFOU KGW KFWH KFWH KGO KPO	KFI KPSG KHJ KXN KFWB KMTR KPSN KFOU	CKCD CFAC CNRC KJR KGB KGY	WQJ WFAA WOC KSL KFOU WSE WLV WQAW WJAZ WEEI KOIL WJR WENR KTHS
10	9:30 to 10	KFKX KFOU KTAB KFOU KGW KFWH KFWH KGO KPO	KFI KPSG KHJ KXN KFWB KMTR	KGB CKCD CFAC KJR CNRC	WQJ WFAA WOC KSL KFOU WSE WLV WQAW WJAZ WEEI KOIL WJR WENR KTHS
11	10 to 10:30	KFOU KFRC KPO	KFI KPSG KXN KFWB KHJ	KGB	WDAF WQJ KFOU KGO WEEI WLV WENR WQAW
12	10:30 to 11:00	KFOU KFRC KFOU	KFI KPSG KXN KFWB KHJ	KJR KGB	WDAF WQJ KFOU KGO WEEI WLV WENR
1	11 to 11:30	KFOU KFRC	KFWB	KJR KGB	KGO KYW WQJ
2	11:30 to 12:00	KFOU KFRC	KFWB	KJR KGB	KYW WQJ
3	12 to 1	KFRC KFOU			

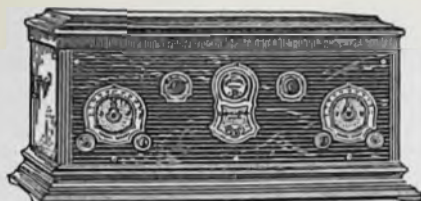
KYW radiocasts news items every half hour—on the hour and on the half—during day and night

RADIO

E. A. PORTAL CO.

The New 6 Tube

Stromberg-Carlson



The operating unit is housed in a rich Mahogany Cabinet with fittings of chased bronze.

No. 601 Table Model

Distance

Extreme distance is achieved by the use of three stages of tuned and neutralized radio frequency amplification as designed by Stromberg-Carlson.

Selectivity

Remarkable selectivity is obtained by totally and separately shielding each tuning unit in a separate 3 pound copper compartment.

Tone

The Stromberg-Carlson Company's 30 years of experience in building high grade telephone equipment has made this the most talked of machine on the market from this standpoint.

Simplicity of Control

Only two tuning controls are used which are geared 10 to 1.

See this masterpiece—you will be surprised at the advances that have been made at such a slight increase in price.

The new Stromberg-Carlson is a little more expensive than the average radio receiver.

Terms if Desired

463 GEARY STREET

ADJOINING CURRAN THEATRE

SAN FRANCISCO, CALIF.

TELEPHONE PROSPECT 10,328

San Francisco's First: "The Exclusive Radio House"

Tell them that you saw it in Radiocast Weekly

PROGRAMS FOR THURSDAY

DECEMBER 24, 1925



The Balconades' Ballroom Orchestra, Walter Krausgrill, director—KFRC—8 p. m.

467 Meters

KFI

640 Kilocycles

240 Meters

KTAB

1250 Kilocycles

Copyright 1925 by E. C. Anthony, Inc., L. A.

5:30 p. m.—L. A. Examiner Matinee program

6 p. m.—KFI nightly doings and amusement information service

6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt

6:30 p. m.—Vest Pocket Concert

6:45 p. m.—KFI Radiatorial Period

7 p. m.—KFI Oratorio Society, presenting Handel's "Messiah" under the direction of Mrs. Harry K. Brown

9 p. m.—Program of the Southern California Music Company, from Chickering Hall, Los Angeles

10 p. m.—Program presented by L. A. Examiner

275.1 Meters

KFSG

1090 Kilocycles

Angelus Temple, Los Angeles, California

10:30 to 11:30 a. m.—Sunshine Hour. Sermon by Anita Hopper. Prayers for the sick by Rev. Bert Bruffett. Fanny Ashby, Radio Girl. Helen Stanhope, soprano and accompanist. Essie Binkley, cornetist. V. Stanley Dodge, tenor

11:30 to 12:30 p. m.—Organ recital by Esther Greene. Eunice Hogan Craig and Lella Smiley, sopranos. Viola Pederson and Ruth King in vocal duets

3:30 to 4:30 p. m.—Organ recital by B. Earnest Ballard

7:30 to 9:15 p. m.—Regular water baptismal service. Special Christmas program

9:15 to 10 p. m.—Gray studio program by Sierra Trio of Pasadena

10 to 11 p. m.—Organ recital by Esther Fricke Greene. Fanny Ashby, radio girl

Organ numbers—

Angel's Dream.....Rubenstein

Christmas Eve.....Malling

Christmas Pastoral.....Dudley Buck

261 Meters

KFWA

1150 Kilocycles

Browning Bros. Company, Ogden, Utah

3 to 4 p. m.—Organ recital

4 to 5 p. m.—Ogden radio dealers program

4:45 p. m.—Market reports

8 to 9 p. m.—Christmas program

Tenth Ave. Baptist Church, Oakland, Calif.

9 to 9:30 a. m.—Prayer service by Rev. Geo. W. Phillips

8 to 10 p. m.—Program by KTAB's Choir, Dr. C. D. Goodman, director

KTAB Choir—

Joy to the World.....Handel

Hark! the Herald Angels Sing.....Mendelssohn

O Little Town of Bethlehem.....Redner

Seven-year-old Margaret Lorimer—

Low in a Manger.....Gabriel

Reading, E. Lytton Spaulding—

The Christmas Story.....St. Luke 2: 1-21

KTAB Choir—

We Have Seen His Star.....Simpson

Sing O Heavens.....Clare

It Came Upon a Midnight Clear.....Willis

Away in a Manger.....Spillman

Reading, Olga Nielsen—

Saint Nicholas.....Moore

KTAB Choir—

Good Christian Men, Rejoice.....

The First Nowell.....Traditional Carol

There Were Shepherds.....Traditional Carol

Hail to the Lord's Anointed.....Vincent

Reading, Paul Speegle—

Excerpts from "The Old Wise Man".....Scheckner

Van Dyke

KTAB Choir—

God Rest You Merry Gentlemen.....

Good King Wenceslas.....Traditional Carol

Tenor solos, Willard Russell

Soprano solos, Constance Morgan

We Three Kings of Orient Are.....Hopkins

Shepherds Shake off Your Drowsy Sleep

Besancon Carol

Organ solos, Ida M. Fording—

Christmas Eve.....Manning

KTAB Choir—

What Child is This?.....Traditional Tune

Silent Night.....Gruber

O Come, All Ye Faithful.....Reading

280 Meters

KFAU

1070 Kilocycles

Public Schools, Boise, Idaho

7 p. m.—Christmas program sponsored by Mrs. Fred Rosene

Thursday Programs—Continued

361 Meters

KGO

830 Kilocycles

General Electric Company, Oakland, Calif.

7:15 to 7:30 a. m.—Health Training Exercises
Hugh Barrett Dobbs

7:45 a. m.—"Pep Class," Hugh Barrett Dobbs

8:15 to 8:30 a. m.—Health Training Exercises
Hugh Barrett Dobbs

8:30 a. m.—"Daily Strength"—Cheerio

11:30 a. m. to 1 p. m.—Luncheon concert, courtesy Pacific States Electric Company

12 noon—Time signals

12:30 p. m.—Weather report

1:30 p. m.—Stocks and weather reports

4 to 5:30 p. m.—Concert Orchestra of the Hotel St. Francis, San Francisco, Vinton La Ferrera, conducting

5:30 to 6:30 p. m.—Geo. W. Ludlow, "Friend to Boys"

8 p. m.—Oakland studio program
"A CHRISTMAS CAROL"

A musical drama for radio, adapted to the medium of sound by Carl Rhodehamel and Arthur S. Garbett, from the original story by Charles Dickens; presented by the KGO Players, under the direction of Wilda Wilson Church

Characters before the microphone: Old Scrooge, a member of the firm of Scrooge and Marley; a miser, hard and sharp as flint; Fred, Scrooge's nephew, a happy young man whose laugh is contagious; Bob Cratchit, Scrooge's clerk, poor and meek, but good to his family; Two Gentlemen Solicitors, charitable and courteous; Ghost of Jacob Marley; Ghost of Christmas Past; Ghost of Christmas Present; Ghost of Christmas Yet to Come; and Tiny Tim; also chorus of children, several young people, and technical men of KGO who furnish the "effects"

Music by the Arion Trio, from the original score by Arthur S. Garbett

The story will be presented in the following form: A prologue, which introduces the main characters of the play and establishes the character of Scrooge; episode one, Scrooge's experience with the ghost, "Christmas Past"; episode two, Scrooge's experience with the ghost, "Christmas Present"; episode three, Scrooge's experience with the ghost, "Christmas Yet to Come"; episode four, the transformed Scrooge, after his night with the ghosts; epilogue, a brief recapitulation of the story.

220 Meters

KFUU

1360 Kilocycles

Mathewson Motor Company, Oakland, Calif.

10:45 to 11:45 a. m.—Concert; News Events

6:30 to 7:15 p. m.—Scotty and His Clan

7:15 to 7:30 p. m.—News items

8 to 9 p. m.—Studio program

9 to 11 p. m.—Dance music

11 p. m. to 1 a. m.—Christmas music by Emil E. Lichtig and Ensemble

256 Meters

KFUS

1170 Kilocycles

Sherman School, Oakland, California

4:30 to 6 p. m.—Questions and answers by Louis L. Sherman, M.D.

6 to 5:30 p. m.—Children's novelty program by boys and girls, with musical toys. Program courtesy of "Ford's Toy Fair," Oakland, Calif.

428 Meters

KPO

700 Kilocycles

Hale Bros. & The Chronicle, San Francisco

7, 7:30, 8 a. m.—Daily dozen exercises given under the direction of the Y. M. C. A.

10 a. m.—Talk on Domestic Science by Virginia Tappan

10:30 a. m.—"Ye Towne Cryer" and amusement information service; U. S. weather forecast

10:35 a. m.—Market report on butter, eggs, cheese, poultry

12 noon—Time signals; scripture reading

1 to 2 p. m.—Rudy Selger's Fairmont Hotel Orchestra

2:30 p. m.—Studio program

3:30 to 4:30 p. m.—Cyrus Trobber's Palace Hotel Concert Orchestra

5:15 to 6:15 p. m.—Children's hour stories by Big Brother of KPO

Program by Protestant Orphanage Society

Birge's Christmas Carol, ten boys and girls from the Orphanage

A group of Christmas Carols by 35 boys and girls

6:15 p. m.—Stock quotations

6:30 p. m.—"Ye Towne Cryer" and amusement information service

6:40 to 7 p. m.—Waldemar Lind and the States Restaurant Orchestra

7 to 7:30 p. m.—Rudy Selger's Fairmont Hotel Orchestra

8 to 10 p. m.—Program through the courtesy of the National Automobile Club

Orchestra—

Thoughts of Christmas.....arr. von Hagel

Male Quartette—

Group of Carols

Orchestra—

American Sketch.....Myddleton

Reading, Ina Coolbrith—.....Coolbrith

Christmas Poem.....Coolbrith

Orchestra—

Selection from "Happy Moments".....Sollar

Male Quartette—

Soldiers' Chorus from "Faust".....Gounod

By the Waters of Minnetonka.....Lieurance

Orchestra—

Kloister Scene.....Rubenstein

Terror solo, Gwynn Jones—

The Star of Bethlehem.....Adams

Orchestra—

Chantilly Waltz.....Waldteufel

Male Quartette—

Sailors' Chorus.....Parry

Song of Songs.....Moya

String Quartette—

Nazareth.....Gounod

Loreley Paraphrase.....Nesvadha

Bass solo, Albert Gillett—

Birthday of a King

String Quartette—

Intermezzo Cavaleria Rusticana.....Mascagni

Male Quartette—

In Absence.....Buck

Love's Old Sweet Song

Cello solo, George von Hagel—

Holy Night, Silent Night.....Adam

Male Quartette—

Juanita

Last Night.....Kjerulf

String Quartette—

Characteristic Dance.....Helmund

Male Quartette—

Beam From Yonder Star.....Bullard

Trumpeter.....Dix

10 to 11 p. m.—Jack Coakley's Cabirians from the Cabiria Cafe

(Programs continued on next page)

Thursday Programs—Continued

268 Meters **KFRC** 1120 Kilocycles

City of Paris Dry Goods Co., San Francisco
 5:30, 7, 7:30, 8 a. m.—Physical Culture Course,
 Bernard Drury
 12 noon to 12:20 p. m.—Inspirational Talk, Mary
 Katherine Maule
 4 to 5 p. m.—Art Weldner's Fior D'Italia
 Orchestra
 5:30 to 6:30 p. m.—Mac and His Gang
 6:30 p. m.—Police reports and announcements
 6:30 to 7 p. m.—Studio program
 7 to 7:30 p. m.—"Answers to Radio Queries"
 by Gerald Best, Technical Editor "Radio"
 and "Radiocast Weekly"
 8 to 10 p. m.—Dance music from The Bal-
 conades Ball Room by Walter Krausgriff's
 Orchestra. Intermission solos, Gladys La-
 Marr, Gene Sterling and Charley Mandell.
 10 to 12 p. m.—Christmas carols and choral
 program by KFRC male chorus and soloists
 12 midnight—Christmas eve organ and choir
 music, radiocast by direct wire from Old St.
 Mary's Paulist Fathers Church, Grant Ave.
 and California St.

207 Meters **KFWM** 1440 Kilocycles

Oakland Educational Society, Oakland, Cal.
 8 to 9:30 p. m.—Vocal and instrumental music
 Study lesson
 Educational lecture

254 Meters **KFWH** 1180 Kilocycles

F. Wellington Morse, Jr., Chico, California
 10:30 to 11:30 a. m.—Special announcements
 and musical program
 6:15 to 8:30 p. m.—News events and amuse-
 service
 6:30 to 7:15 p. m.—Richardson Mineral Springs
 dinner concert

231 Meters **KQW** 1300 Kilocycles

First Baptist Church, San Jose, California
 7:45 to 9:30 p. m.—Christmas program

306 Meters **KTCL** 980 Kilocycles

New Washington Hotel, Seattle, Wash.

9:30 to 9:45 a. m.—Weather report; stock and
 bond quotations
 9:45 to 10 a. m.—Fraser-Paterson Department
 Store studio program
 10 to 10:15 a. m.—Daily recipes; announcements
 from the Public Markets
 12:30 to 1:30 p. m.—Meves' Cafeteria, Henri
 Damaski's Concert Orchestra

252 Meters **KFWB** 1190 Kilocycles

Warner Brothers, Hollywood, California

7 to 7:15 p. m.—Dr. T. Floyd Brown, plastic
 and facial surgeon
 7:15 to 7:30 p. m.—Microphone Brevities
 7:30 to 8 p. m.—Program presented by cour-
 tesy of Elmer R. Sly Co.
 8 to 10 p. m.—Varied program
 10 to 11 p. m.—Warner Bros. frolic
 11 to 12 p. m.—Henry Halstead's Orchestra
 radiocasting over KFWB by remote control
 from the Hollywood Roof Ballroom

220 Meters

KJBS 1360 Kilocycles

Julius Brunton & Sons Co., San Francisco
 9 to 10 a. m.—Vocal and instrumental selec-
 tions
 10 to 10:20 a. m.—Talk for home-makers by
 Marjory A. Stolz representing Proctor &
 Gamble
 10:20 to 10:45 a. m.—Vocal and instrumental
 selections
 2 to 2:30 p. m.—Vocal and instrumental pro-
 gram

436 Meters

CNRC 690 Kilocycles

Canadian National Railways, Calgary, Alta.

6 p. m.—Kiddies' Bedtime Story by Aunt Mary
 8 p. m.—Studio program by the Hadyne Male
 Quartette. Ben Skinner, tenor; Albert Garner
 tenor; Ed. Gardiner, bass; Geo. Boothman,
 baritone. Assisted by the Canadian National
 Railways' Orchestra, under the direction of
 Gladys Webb Foster
 C.N.R. Orchestra—
 Overture, Pique Dame
 Hadyne Male Quartette—
 Hark the Herald Angels Sing
 C.N.R. Orchestra—
 Concert waltz, Tout Paris
 Tenor solo, Ben Skinner—
 The Star of Bethlehem
 Violin solo, Gladys Webb Foster—
 Schorne Rosita.....Kreiser
 Hadyne Male Quartette—
 Joy of the World the Lord is Come
 C.N.R. Orchestra—
 Selection, No. No, Nanette
 Tenor solo, Albert Garner—
 The Gift
 'Cello solo, May Hockey—
 Ave Marie
 Hadyne Male Quartette—
 While Shepherds Watch Their Flocks By
 Night
 C.N.R. Orchestra—
 Selection, The Indian Love Call
 Baritone solo, Geo. Boothman—
 Nazareth
 C.N.R. Orchestra—
 Selection from "Floradora"
 Christmas Greetings from the Canadian
 National Railways

384.4 Meters

KJR 780 Kilocycles

N. W. Radio Service Co., Seattle, Wash.

10:30 to 11:30 a. m.—Frederick & Nelson; mu-
 sical program
 1 p. m.—Time signals
 1:15 to 2 p. m.—Organ recital
 2 to 2:15 p. m.—"Home Helps" talk by Bernice
 Redington of the Post Intelligencer staff
 2:15 to 2:30 p. m.—Produce report
 5:40 to 6 p. m.—Stock quotations
 6 p. m.—Time signals
 6 to 6:30 p. m.—"What's doing at the Theaters"
 weather reports
 7 to 8:30 p. m.—Studio program
 8:30 to 10 p. m.—Puget Sound Savings & Loan
 Ass'n Orchestra under the direction of Henri
 Damaski
 10 p. m.—Time signals
 10:30 to 12 p. m.—Post Intelligencer presenting
 the weekly meeting of the "Keep Joy Radiat-
 ing Order of Bats"

Thursday Programs—Continued

256 Meters **KRE** 1170 Kilocycles

Berkeley Daily Gazette, Berkeley, California

7:30 a. m.—Good though service, conducted by the Rev. W. R. H. Hodgkin, D.D.

11:15 a. m.—Physical exercises for women, conducted by Dorothy Barron

7 p. m.—Studio program. Special Christmas bedtime stories by Miss Ada Rose Demerest and reading of "The Night Before Christmas" by Big Brother

238 Meters **KMTR** 1260 Kilocycles

K. M. Turner, Hollywood, California

9 a. m.—"Dad's Hour" by Dad King

9:30 a. m.—Sylvia Szymanski "The Blind Cook"

10 a. m.—Dr. A. E. Hoare, of the Educational Division of the Los Angeles Association of Optometrists, will speak on "Eyes"

10:30 a. m.—Willie Martin, M.D., pastor of First Methodist Church, Hollywood

2 p. m.—Turner radio program

2:30 p. m.—Easy Chair Hour, presenting Chas. G. Milham, Secretary of the All-Year Club

5 p. m.—Home Hour, conducted by Georgia Simmons, presenting pupils of Carter Weaver's School of the Drama and Pantomime

6 to 7 p. m.—Starr Piano Co. program

8 to 10 p. m.—KMTR Concert Hour, presenting the Turner Orchestra

491.5 Meters **KGW** 610 Kilocycles

The Morning Oregonian, Portland, Oregon

10:30 a. m.—The Town Crier, music, weather report, news items and shopping guide

12:30 to 1:30 p. m.—Rose City Trio

6 to 7 p. m.—Dinner concert

7:30 to 7:45 p. m.—Weather, market and police reports, news items and sporting results

7:45 to 8 p. m.—Lecture Catholic Truth Society

322.4 Meters **KOA** 930 Kilocycles

General Electric Company, Denver, Colorado

10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce

11:15 a. m.—Rialto theater musicale

2:15 p. m.—Relaxing and corrective exercises

2:30 p. m.—Matinee for housewives

3 p. m.—Culinary hints

3:15 p. m.—Fashion review

5 p. m.—Stocks; markets; livestock; produce and news bulletins

5:30 p. m.—Dinner concert, Brown Palace String Orchestra, Howard Tillotson, director

6:30 p. m.—Farm question box

248 Meters **KFBK** 1210 Kilocycles

The Sacramento Bee, Sacramento, Calif.

7:30 p. m.—Weather reports and announcements

7:35 p. m.—Children's half hour

8 p. m.—Vocal and instrumental program

9 p. m.—Dance music

10 p. m.—Closing announcements

454.3 Meters **KFOA** 660 Kilocycles

Rhodes Department Store, Seattle, Wash.

12:30 to 1:30 p. m.—Young Men's Business Club luncheon program

4 to 5:15 p. m.—The Times, Wm. F. Hoffman's Concert Orchestra

508 Meters **KLX** 590 Kilocycles

The Oakland Tribune, Oakland, California

7 to 7:30 p. m.—News items

294 Meters **KTBI** 1020 Kilocycles

The Bible Institute of Los Angeles, Calif.

8 to 9 p. m.—Exposition of the whole Bible Sunday School lesson by Miss Winifred Rouzee

405.2 Meters **KHJ** 740 Kilocycles

Los Angeles Times, Los Angeles, California

7 to 7:15 a. m.—Exercises, Prof. B. L. Severn

12 to 12:30 p. m.—Leighton's Arcade Cafeteria Orchestra, Jack Cronshaw, directing

12:30 to 1:30 p. m.—Program of dance music

2:30 to 3:30 p. m.—Matinee program sponsored by the Pacific States Electric Company

6 to 6:30 p. m.—Leighton's Arcade Cafeteria Orchestra

6:30 to 7:30 p. m.—Children's program presenting Prof. Walter Sylvester Hertzog, Radio Historian; Dickie Brandon, screen juvenile; Stella and Wray Essex, 10 and 12 years of age, in piano duets and readings, and Aaron Blackman, 8 years old, in readings

7:30 p. m.—Christmas message by Rev. Gordon Palmer, pastor of South Park Baptist Church

7:45 p. m.—Dr. Philip M. Lovell, will give a "Care of the Body" talk

8 to 10 p. m.—De Luxe program

10 to 11 p. m.—Art Hickman and his Biltmore Hotel Dance Orchestra

337 Meters **KNX** 890 Kilocycles

Los Angeles Evening Express, Los Angeles

7:30 a. m.—KNX morning gym, by J. C. Casey

8 a. m.—Inspirational talk and morning prayer

9 a. m.—Time signals; birthday notices

10 a. m.—Town Crier of day's morning message

10:30 a. m.—Household economics, Kate Brew Vaughan

11 a. m.—Nature Talk

12 to 1 p. m.—Wurlitzer organ recital

2 to 4 p. m.—Matinee program

5 to 5:30 p. m.—Sunny Jim's children's hour

5:30 to 6:15 p. m.—Wurlitzer organ concert

5:55 p. m.—The Town Tattler

6:15 p. m.—W. F. Alder travelogue

6:30 to 7 p. m.—Atwater Kent Orchestra

7 to 10 p. m.—Varied program

10 to 11 p. m.—Hotel Ambassador, Ray West's Coconut Grove Orchestra

316 Meters **KPSN** 950 Kilocycles

The Pasadena Star-News, Pasadena, Calif.

8 to 9:30 p. m.—Studio program, with Paul Reese and assisting artists

232.4 Meters **KFON** 1210 Kilocycles

Echophone Radio Shop, Long Beach, Calif.

10 a. m.—Daily shopping tour

2:30 to 4 p. m.—Long Beach Municipal Band

4 to 4:30 p. m.—Late news, sports

4:30 to 5 p. m.—Amusement bulletin

6 to 6:30 p. m.—Organ recital

7:30 to 9 p. m.—Long Beach Municipal Band

9 to 9:30 p. m.—Concert at Holder's Studio Auditorium

SCHEDULES FOR FRIDAY

DECEMBER 25, 1925

Pacific Time, Corrected Weekly. For Wave Length, Location, Power and Owner, See Page 92

a. m.	Central Cal.	Southern Cal.	Pacific N. W.	Inland
6 to 6:30	KPTS			
6:30 to 7	KPTS			
7 to 7:30	KGO KPO			
7:30 to 8	KGO KPO KRE	KNX		
8 to 8:30	KGO KPO	KNX		
8:30 to 9	KGO			WFAA
9 to 9:30	KJBS KTAB	KMTR		
9:30 to 10	KJBS KTAB	KMTN	KTCL	
10 to 10:30	KJBS	KMTN	KTCL	
10:30 to 11	KFWH	KFSG KNX KFI	KJR	WFAA KTHS KFKX
11 to 11:30	KFWH	KFSG KNX	KJR	KFKX
11:30 to 1	KGO	KFSG	CJCA	
p. m.				
12 to 12:30	KGO	KNX KFSG	CJCA	WHS
12:30 to 1	KGO	KNX KFWO	KFOA KGW	WHS WFAA
1 to 1:30		KNX	KFOA KJR KGW	WOC
1:30 to 2		KNX	KJR	WDAF WFAA
2 to 2:30		KNX KMTR	CFAC KJR	WLV WFAA KDYL WOC
2:30 to 3	KPO KGTI	KNX KFOR KMTR		WLV WFAA KDYL WOC
3 to 3:30	KGO KPO KGTI	KFOR KNX	CFAC	WSB WTAM KFKX KDYL
3:30 to 4	KGO KGTI	KFSG KFOR KNRC KNX		WSB WTAM WDAF KFKX WFAA KFAB
4 to 4:30	KGO	KFSG KFOR KNRC	KFEC KFOA	WDAF WOAW WOC KFAB KOA
4:30 to 5	KGO	KNX KFOR	KFEC KFOA	WDAF WOAW WFAA WOC KOA
5 to 5:30	KGO KLX	KFWO KMTR KNX	CNRE	WJR WOAW KYW WLS WFAA WGY KOA
5:30 to 6		KFWO KNX KMTR KFI	CNRE	WJR WDAF KDYL KYW WLS KOA WGY
6 to 6:30	KGO KZM KFWH	KFI KNX KJR KFOR KNRC	KMO KJR KFOA KGW CNRE	WMAQ WCCO KDKA WGY KOA WDAF WDAF KDYL WSB WOC KYW WLS WEAR WJZ CNRT WENR
6:30 to 7	KPO KFRG KZM KGO KRE	KJR KNX KFI KFWO KFOR KNRC	KMO CNRE KFOA KGW	WMAQ WCCO WGN KDKA WGY WOS WJAD KOA KFAB WJZ CNRT WENR WHAD WDAF KDYL WSB WOC WLS WEAR KTW
7 to 7:30	KFRG KRE KLX	KFWO KTHS KNRC KFWB KMJ KMTR KFI KHI KNX	KGB KFOA	WLS WOS WEAR KSL KFKX WJAD WEEI KTHS WGY KFAB WGN WEAR WJZ WOAW CYL XICE KOA WJAD WHAD WEBH WDAF WCCO WGR KYW WCAU CNRT WENR WJZ WOC WCAP
7:30 to 8		KFI KFSG KFWO KTHS KNRC KFWB KNX KMTR KMJ	KGB CNRE CHBC KFOA KGW KWSC	WDAF WOAW CYL XICE KOA KFAB WEAR KSL KFKX WMAQ WEAR WJZ KTHS WGY WLS WOS WEBH WGR WCCO WJAD KYW CNRT WENR WCAU WHAD WJZ WOC WCAP WEEI
8 to 8:30	KLX KRG KFEC KTAB KFWH KPO KRE	KFSG KZM KFOR KFI KHI KNX KMJ KFWB KNRC KMTR	CHBC CFCT CNRE KGB KFOA KTCL KWSC	WQJ WCCO WLS KDYL KFAB WEAR WJZ WDAF WOAW XICE KOA WEEI WCAU KSL KTHS KFKX WMAQ KYW WGR WGY CNRT WJZ WOC WCAP WBCN WSN
8:30 to 9	KLX KRG KFEC KPO KTAB KFWH KRE	KZM KFOR KNX KFWB KNRC KMJ KFI KFSG KHI KMTR	KFOA CFCT CFCT CHBC KWSC KGB KJR KTCL	KFKX WMAQ WGN KTHS WGR KYW WOAW WQJ KOA KDYL WEAR WJZ WCCO CNRT WOC WCAP WBCN WEEI WSM KSL
9 to 9:30	KLX KFRG KTAB KFOU KPO KFWB KRE	KFI KHI KFSG KNX KFWB KMTR KNRC	KFOA KJR KGW KMO CFCT KTCL	KYW WSB WEBH WQJ WGR KOAL WOAW KFOR WGN WBCN KSL
9:30 to 10	KPO KFOU KTAB KLX KFRG KRE KFWH	KFI KHI KFSG KNX KFWB KMTR KNRC	KFOA KMO KJR KGW KTCL	KYW WSB KFOR WOAW KOAL WQJ WEBH WGR WBCN KSL
10 to 10:30	KFRG KPO KLX KRE	KFI KNX KFWB KHI KMTR	CFAC KFOA KGW KJR	WDAF KYW WQJ KFOR WEBH WENR
10:30 to 11	KPO KFEC KRE	KFI KNX KFWB KHI KMTR	CFAC KFOA KGW KJR	WDAF KFOR WEBH WENR WQJ
11 to 11:30	KRE	KNX KFOR KFWB	KGW KFOA	KYW WENR WQJ
11:30 to 12	KRE	KNX KFOR KFWB	KGW	KYW WENR WQJ
12 to 1		KFOR		

KYW radiocasts news items every half hour—on the hour and on the half—during day and night

CONESPEAKER

THREE FEET

In Diameter

Designed and Built by the
Western Electric Co.

This is temporarily on display for the first time shown in San Francisco. May be seen for one week beginning December 18th to 23rd, inclusive. Don't fail to hear it.

LONGETEIG & McDONALD
774 Geary Street San Francisco

PROGRAMS FOR FRIDAY

DECEMBER 25, 1925



Ruth Hall Crandall
KTAB—8 p. m.



Sigmund Anker
KGO—3 p. m.



Clara Puccinelli
EGO—3 p. m.



Ruth Linrud
KTAB—8 p. m.

361 Meters

KGO

830 Kilocycles

General Electric Company, Oakland, Calif.

- 7:15 to 7:30 a. m.—Health Training Exercises, Hugh Barrett Dobbs
7:45 a. m.—"Pep Class," Hugh Barrett Dobbs
8:15 to 8:30 a. m.—Health Training Exercises, Hugh Barrett Dobbs
8:30 a. m.—"Daily Strength"—Cheerio
11:30 a. m. to 1 p. m.—Luncheon concert, courtesy Pacific States Electric Co.
12 noon—Time signal
12:30 p. m.—U. S. weather report
3 to 4 p. m.—Rose Florence presents Irene Carroll, soprano, and Florence Sanderson, mezzo-soprano; Irma Harris Vogt, accompanist, Tillie Brown, 18-year-old pupil of Sigmund Anker, violinist; Evelyn Biebo-sheimer, accompanist. Also, vocal numbers through the courtesy of the Warriner Vocal Studios, San Francisco. Book review
4 to 5:30 p. m.—Concert Orchestra of the Hotel St. Francis, San Francisco, Vinton La Ferrera conducting
6 to 7 p. m.—Dinner concert from Sherman, Clay & Company studio, San Francisco

517 Meters

CNRE

580 Kilocycles

Canadian National Rys., Edmonton, Alta.

- 5 to 7 p. m.—Special dinner program of Christmas Carols played by John Bowman and his Orchestra from the main dining room of the Macdonald Hotel
7 to 8:30 p. m.—Studio program of special Christmas music by local artists to be announced over CNRE Christmas Night, featuring a Christmas Tree Novelty, with Santa Claus announcing

491.5 Meters

KGW

610 Kilocycles

The Morning Oregonian, Portland, Oregon

- 12:30 to 1:30 p. m.—Rose City Trio
6 to 7 p. m.—Dinner concert
7:30 to 7:45 p. m.—Weather, market and police reports, news items and sporting results
9 to 10:30 p. m.—Concert from Sherman, Clay & Company studio
10:30 p. m. to midnight—Hoot Owls

467 Meters

KFI

640 Kilocycles

Copyright 1925 by E. C. Anthony, Inc., L. A.

- 10:45 to 11:05 a. m.—Betty Crocker Gold Medal Flour Home Service Talk
6:30 p. m.—L. A. Examiner matinee program
6 p. m.—KFI nightly doings and amusement information service
6:15 p. m.—Radio Motorlogue Resort Service; courtesy of Mr. Hewitt
6:30 p. m.—Vest Pocket Concert
6:45 p. m.—KFI Radiatorial Perled
7 p. m.—Program presented by L. A. Examiner
8 p. m.—Aeolian Organ. Dan L. McFarland at the console
9 p. m.—Varied program, presenting prominent KFI Artists in a Christmas Song Fest
9:30 p. m.—Program presented by Mutual Motors, Incorporated, featuring music and "Joke Contest"
10 p. m.—Program presented by Myra Belle Vickers and assisting artists

256 Meters

KFUS

1170 Kilocycles

Sherman School, Oakland, California

- 6 to 7 a. m.—Studio program of sacred music by the Special Mixed Double Quartette of the Christian and Missionary Alliance Church. Rev. Hardy W. Mitchell, pastor, Mrs. Jas. Abbot, Marie Johnson and Helen Enway, sopranos; Mrs. Nyrie, Mrs. Simonton, Mrs. Harry Walker, contraltos; Alfred Parlee, Ed. Yaeger, Al Williams, tenors; Mr. Shriber, Paul Johnson, Harry Walker, bass—Holy Night, Joy to the World, O. Come All Ye Faithful, special arrangement by Mr. Dura Bells
Violin solos, Mr. Alfred Zalout

508 Meters

KLX

590 Kilocycles

The Oakland Tribune, Oakland, California

- 5 to 5:30 p. m.—Aunt Elsie's Sunset Matinee
7 to 7:30 p. m.—News items
8 to 9:45 p. m.—Program through the courtesy of Western Auto Supply Company
9:45 to 10:30 p. m.—Sweet's ballroom, Tom Gerunovich and his ballroom entertainers

Friday Programs—Continued

240 Meters

KTAB

1250 Kilocycles

Tenth Ave. Baptist Church, Oakland, Calif.

9 to 10 a. m.—Special Christmas music, carols, etc. Mrs. Josephine Wilson Jones, soprano, and Dean Gross, baritone, soloists

8 to 10 p. m.—Program by Breuner's

Christmas program by the San Francisco Ensemble, composed of: Mrs. Charles Stuart Ayres, Carolyn Crew Hill, Ruth Hall Crandall, Goldie Hulén Dewitz, Albert Gross, J. I. Thomas, Merlyn Morse and Richard Lungren. Mrs. Philip Eberhart, accompanist, and Mr. R. C. Brown, director

Violin solos, Orley See—

E Major Sonata.....Handel

Adagio

Allegro

San Francisco Ensemble—

Hark! the Herald Angels Sing.....Mendelssohn

Ladies Quartette—

Sanctus.....Reed

Contralto solo, Ruth Hall Crandall—

In the Fields With Their Flocks

Abiding.....Farmer

San Francisco Ensemble—

Angels from the Realm of Glory.....Shepard

Soprano solo, Carolyn Crew Hill

Male Quartette—

The First Noel.....Traditional

Mezzo soprano solos, Goldie Hulén Dewitz—

Nazareth.....Gounod

San Francisco Ensemble—

O Little Town of Bethlehem.....Redner

Violin solos, Orley See—

E Major Sonata.....Handel

Largo

Allegro

Tenor solo, J. I. Thomas

San Francisco Ensemble—

It Came Upon the Midnight Clear.....Sullivan

(Carolyn Crew Hill, soprano soloist)

While the Silent Stars.....Schnecker

(Ruth Hall Crandall, contralto soloist)

Tenor solo, Merlyn Morse

Soprano solos, Mrs. Charles Stuart Ayres—

Cantique de Noël.....Adam

San Francisco Ensemble—

The Manger Cradle.....Neidlinger

(Richard Lungren, soloist)

Ten minutes of Christmas Cheer

Ladies Trio—

Silent Night, Holiest Night.....Gruber

Male Quartette—

Good King Wenceslas.....Traditional

Tenor solos, Albert Gross—

Birthday of a King.....Neidlinger

Violin solos, Orley See—

Ave Maria.....Schubert-Wilhelmj

Obertass.....Wienlawski

San Francisco Ensemble—

While Shepherds Watched Their Flocks

Soprano solos, Goldie Hulén Dewitz—

On Bethlehem's Plain.....Spence

Soprano recitatives, Mrs. Chas. Stuart Ayres

There Were Shepherds

And Lo, the Angel of the Lord

And the Angel Said Unto Them

And Suddenly There Was With the Angel

From "Messiah".....Handel

San Francisco Ensemble—

Glory to God from "Messiah".....Handel

220 Meters

KJBS

1360 Kilocycles

Julius Brunton & Sons Co., San Francisco

9 to 10:45 a. m.—Special Christmas program of old fashioned carols

428 Meters

KPO

700 Kilocycles

Hale Bros. & The Chronicle, San Francisco

7:30 and 8 a. m.—Daily dozen exercises given under the direction of the Y.M.C.A.

10:30 a. m.—"Ye Towne Cryer" and amusement information; U. S. weather forecast

2:30 p. m.—Studio program

6 to 6:10 p. m.—"Ye Towne Cryer" and amusement information service

6:30 to 7 p. m.—Waldemar Lind and the States Restaurant Orchestra

8 to 11 p. m.—Palace Hotel Dance Orchestra, Gene James, director; Maurice Gunsby, tenor, with Merton Bories at the piano, and Al Jacobs, pianist, intermission soloists

256 Meters

KRE

1170 Kilocycles

Berkeley Daily Gazette, Berkeley, California

7:30 a. m.—Good thought service, conducted by Rev. Earnest Anton Trabert. Special Christmas carols will be sung by members of St. Michael's Lutheran Choir, under the direction of Harry Tripp

6:30 to 7:30 p. m.—Dinner concert by The Sterling Trio: Richard Bailey, piano; Maurel Hunkins, violin, and Sterling Hunkins, cello

8 to 9 p. m.—Social concert by The Sterling Trio with vocalist

9 to 12 p. m.—Dance program by Horace Heldt and his Hotel Claremont Dance Orchestra

9:30 p. m.—Studio program. Intermission solos by the orchestra

322.4 Meters

KOA

930 Kilocycles

General Electric Company, Denver, Colorado

5:45 a. m.—Sunrise program. Christmas Carol Service of Trinity Methodist Episcopal Church. Numbers include Silent Night, O Come All Ye Faithful, Joy to the World, It Came Upon the Midnight Clear, and Hark, the Angels Sing. Also, Dr. Loren M. Edwards, pastor, will give a talk, "Our Christmas Heraldry"

4 p. m.—Special studio program by KOA Orchestra and assisting soloists

5 p. m.—Organ recital by Marjorie Nash, from Rialto Theater

5:30 p. m.—Dinner Concert, Brown Palace String Orchestra, Howard Tillotson, director

6:30 p. m.—Preview of International Sunday School lesson, Rev. William O. Rogers

7 p. m.—Studio program, courtesy Calvary Baptist Church choir, Denver, opening address, "Christmas Message," by Rev. William O. Rogers, director KOA Sunday School lessons: Christmas cantata, Christ, the Child, by choir; Christmas carols by mixed quartette; soprano solo, The Christ Child, Mrs. Lucille Moe; violin obligato, by Julian C. Riley (J.C.R.); duet, Night of Nights, by Mrs. Helen Moe, soprano and Herbert Moe, tenor; address, "The Story of Christmas Carols," by Rev. Russell S. Jones, pastor, Epworth Methodist Episcopal Church; ladies' sextette, Little Town of Bethlehem; contralto solo, The Gift, by Helen Olga Roberts; bass solo, O Babe Divine, by Ray Nygren and appropriate instrumental selections by KOA Orchestra, Lewis H. Chernoff, director

294 Meters

KTBI

1020 Kilocycles

The Bible Institute of Los Angeles, Calif.

7 to 8 p. m.—International Sunday School lesson will be taught by Mr. John A. Hubbard (Programs continued on next page)

Friday Programs—Continued

268 Meters **KFRC** 1120 Kilocycles

City of Paris Dry Goods Co., San Francisco

6:30 to 7:30 p. m.—Concert in Drury Lane, Hotel Whitecomb, by Stanislaus Bem's Little Symphony Orchestra—
 Selections from "Madam Sherry".....Hoschna
 Sleeping Beauty Waltz.....Tschalkowsky
 Kammerli Ostrow.....Rubinstein
 A Lover in Damascus.....Woodforde-Flinden
 8 to 9 p. m.—Concert by Bem's Little Symphony Orchestra, Hotel Whitecomb—
 Selection from "Griffin Martiza".....Kaltman
 Rosenkavaller Waltz.....R. Strauss
 Berceuse from Jocelyn.....Godard
 Grand opera selection "La Tosca".....Puccini
 9 to 11 p. m.—Continuous dance music from the Balconades Ballroom, by Walter Krausgrill's Orchestra, and William Backstedt's Old-Timers Orchestra

306 Meters **KTCL** 980 Kilocycles

New Washington Hotel, Seattle, Wash.

9:30 to 9:45 a. m.—Weather report; stock and bond quotations
 9:45 to 10 a. m.—Fraser-Paterson Department Store studio program
 10 to 10:15 a. m.—"Exercise Over the Air," by T. G. "Van" Cook
 10:15 to 10:30 a. m.—Daily recipes; announcements from the public markets
 8 to 9 p. m.—Varied program
 9 to 10 p. m.—Western Giant Cord Orchestra

254 Meters **KFWH** 1180 Kilocycles

F. Wellington Morse, Jr., Chico, California

10:30 to 11:30 a. m.—Special announcements and musical program
 6:15 to 6:30 p. m.—News items and amusement service
 8 to 10 p. m.—A Christmas program consisting of instrumental and vocal selections

252 Meters **KFWB** 1190 Kilocycles

Warner Brothers, Hollywood, California

7:10 p. m.—Talk
 7:20 p. m.—Jack Boas, hunting and fishing scout of New York Hardware Trading Company
 7:30 to 7:40 p. m.—Herbert S. Marshutz, Dr. of Optometry of the Marshutz Optical Co. gives a short Eye-o-logue
 7:40 p. m.—Microphone brevities
 8 to 10 p. m.—Varied program
 10 to 11 p. m.—Warner Bros. frolic
 11 to 12 p. m.—Henry Halstead's Orchestra, radiocasting over KFWB by remote control from the Hollywood Roof Ballroom

349 Meters **KWSC** 860 Kilocycles

Washington State College, Pullman, Wash.

7:30 to 9 p. m.—Piano solos, Miriam Zimmerman
 Baritone solos, H. D. Nasmyth

288 Meters **KFKX** 1040 Kilocycles

Westinghouse El. & Mfg. Co., Hastings, Neb.

7 to 9 p. m.—Musical program, including vocal and instrumental numbers, by artists from Kearney State Normal of Kearney, Nebraska
 Special Christmas program

275.1 Meters

KFSG 1090 Kilocycles

Angelus Temple, Los Angeles, California

10:30 to 11:30 a. m.—Sunshine Hour. Sermon and prayers for the sick by Anita Hopper.
 Fanny Ashby, Radio Girl. Ruth Frances Thomas, accompanist. Essie Binkley, cornetist
 11:30 to 12:30 p. m.—Organ recital by Ruth Frances Thomas. Ethel Kozlas, Thelma Melhrle and Eunice Inagraham, sopranos.
 Mattie Duckett, colored soprano
 3:30 to 4:30 p. m.—Organ recital by Esther Fricke Greene. Wesley Beans, baritone.
 Helen Stanhope, soprano
 Organ Numbers—
 Christmas Pastoral.....DeLange
 Adoration.....Borowski
 Hallelujah Chorus from "The Messiah".....Handel

7:30 to 9 p. m.—Christmas cantata, "The Coming of the King," with Wilbur Herwig, tenor.
 Angelus Temple Choir, direction of Gladwyn N. Nichols

9 to 10 p. m.—Gray studio program. Address, "Pebbles," by Walter S. Gates, judge of the Superior Court, Los Angeles County. Katherine Thompson and Lewis D'Ippillito of the Thompson School of Saxophones. Angelus Temple Silver Band, under the direction of Gladwyn N. Nichols

384.4 Meters

KJR 780 Kilocycles

N. W. Radio Service Co., Seattle, Wash.

10:30 to 11:30 a. m.—Music and talks
 1 p. m.—Time signals
 1:15 to 2 p. m.—Organ recital
 2 to 2:15 p. m.—"Home Helps," talk by Bernice Redington of the Post Intelligencer staff
 2:15 to 2:30 p. m.—Produce report
 6:40 to 6 p. m.—Stock quotations
 6 p. m.—Time signals
 6 to 6:30 p. m.—"What's doing at the theaters"; weather reports
 8:30 to 10 p. m.—Post Intelligencer program
 10 to 11 p. m.—Dance program by Gordon Kilbourne and his Orchestra, remote control from Down's ballroom

232.4 Meters

KFON 1210 Kilocycles

Echophone Radio Shop, Long Beach, Calif.

2:30 to 4 p. m.—Long Beach Municipal Band
 4 to 4:30 p. m.—Press-Telegram late news reports and James H. Harvey, deep sea fishing news
 4:30 to 5 p. m.—Amusement bulletin
 5 to 6:30 p. m.—Organ recital at Brayton's Theater; Edgar Bayliss at the Console
 6:30 to 7 p. m.—Captain's Inn Orchestra in dinner dance program
 8 to 9 p. m.—Press-Telegram program
 11 p. m. to 1 a. m.—Long Beach Elks No. 838, Midnight Frolic

405.2 Meters

KHJ 740 Kilocycles

Los Angeles Times, Los Angeles, California

6 to 7 p. m.—Christmas Carols from the First M. E. Church
 7 to 7:30 p. m.—De Luxe Christmas Party, from the First M. E. Church, through the kindness of Mrs. B. E. Bonheim, of Long Beach. Santa Claus to be there in person
 8 to 10 p. m.—Program through the courtesy of the Western Auto Supply Company
 10 to 11 p. m.—Art Hickman and his Biltmore Hotel Dance Orchestra

Friday Programs—Continued

454.3 Meters **KFOA** 660 Kilocycles

Rhodes Department Store, Seattle, Wash.

12:30 to 1:30 p. m.—Seattle Chamber of Commerce program

4 to 6:15 p. m.—The Times, Wm. F. Hoffman's Olympic Hotel Concert Orchestra. Today's recipe

6 to 6:45 p. m.—Hoffman's Concert Orchestra

6:45 to 8:15 p. m.—Sherman, Clay & Company studio program

8:15 p. m.—Weather report and special announcements

8:30 to 10 p. m.—The Times studio program

10 to 11:30 p. m.—Eddie Harkness Dance Orchestra playing from the Marine Room of the Olympic Hotel

238 Meters **KMTR** 1260 Kilocycles

K. M. Turner, Hollywood, California

9 a. m.—"Dad's Hour" by Dad King

10 a. m.—Dr. John Adams Comstock, director of the Southwest Museum, Los Angeles, will talk

2 p. m.—Turner radio program

2:30 p. m.—Easy Chair Hour. Dr. E. L. Swick, child psychologist

5 p. m.—Home Hour, conducted by Georgia Simmons, with neighborhood children

7 p. m.—Charles W. Beam on "Color Photography"

7:30 p. m.—Prof. Alfred Cookman, president of the Los Angeles Nature Club, on "The Wonders of Nature," birds and animal life

8 to 10 p. m.—KMTR Concert Hour, presenting the Turner Orchestra

10 to 11 p. m.—Starr Piano Co. program

337 Meters **KNX** 890 Kilocycles

Los Angeles Evening Express, Los Angeles

7:30 a. m.—KNX morning gym, by J. C. Casey

8 a. m.—Inspirational talk and morning prayer

9 a. m.—Time signals; birthday notices

10 a. m.—Town Crier of day's morning message

10:30 a. m.—Household economics, Kate Brew Vaughan

12 to 1 p. m.—Wurlitzer organ recital

1:30 p. m.—The Book Worm

2 to 4 p. m.—Matinee program

4 p. m.—Boy Scouts program

5 to 5:30 p. m.—Sunny Jim's children's hour

5:30 to 6:15 p. m.—Wurlitzer organ concert

6:55 p. m.—The Town Tattler

6:15 p. m.—W. F. Adler travelogue

6:30 to 7 p. m.—Atwater Kent Orchestra

7:20 p. m.—Eastern Outfitting Co. program

8 to 9 p. m.—Studio program

9 to 10 p. m.—Davis Bread Co. program

10 to 11 p. m.—Feature program

11 to 12 p. m.—Hotel Ambassador, Ray West's Coconut Grove Orchestra

Gondolas in the Venetian canals are now equipped with radio receivers. Let's loll back and listen in as we glide between the delightful moon-lit palaces and scenes.

Your Xmas Radio

Installed On the Day and at
the Very Hour You May
Select

An efficient Service Department
makes this possible

—o—

BUY ONLY NATIONALLY
KNOWN RECEIVERS

—o—

We Stock

Zenith Radiola
Atwater Kent Crosley

Federal Orthosonic
Mohawk

—o—

A FEW DOLLARS NOW
BALANCE NEXT YEAR
PHONE US YOUR ORDER

—o—

California Radio Service

ROBERT J. TUTTER, Mgr.

367 17th Street, Oakland

Oak. 1759

2142 San Pablo Avenue, Berkeley

Ber. 6424

Tell them that you saw it in Radiocast Weekly

SCHEDULES FOR SATURDAY**DECEMBER 26, 1925**

Pacific Time, Corrected Weekly. For Wave Length, Location, Power and Owner, See Page 62

a. m.	Central Cal.	Southern Cal.	Pacific N. W.	Inland
6 to 7:30	KFRC	KHJ		
7:30 to 8	KGO KFRC KPO KRE	KAA		
8 to 8:30	KGO KFRC KPO	KNX		
8:30 to 9	KGO			WFAA
9 to 9:30	KTAB KJRS	KMTR		
9:30 to 10	KJRS	KPNX KMTR		
10 to 10:30	KJRS	KNX KFSG	KGW	KTHS WFAA
10:30 to 11	KFOU	KFSG	KFEC	KOA
11 to 11:30	KRE KFOU	KFSG	CJCA KFEC	KOA
11:30 to 12	KGO			
p. m.				
12 to 12:30	KFRC KGO	KHJ KNX KFSG	CJCA	
12:30 to 1	KGO	KHJ KNX KFWO	KGW	WFAA
1 to 1:30	KPO	KHJ	KGW KJR	
1:30 to 2	KPO	KNX KMTR	KJR	WFAA
2 to 2:30	KJRS	KNX KMJ	KJR	KOYL WDAF
2:30 to 3	KPO	KHJ KNX KFOU KMJ		KOYL WFAA
3 to 3:30	KPO	KHJ KNX KFOU	CFAC	WSB WTAM KFKX KOYL KFWA
3:30 to 4	KPO	KNX KFOU KFSG KNRC		WSB WDAF WTAM KFKX WFAA KFAB KFWA
4 to 4:30	KPO KFRC KGO	KNX KFSG KFOU KNRC	KFEC KFOA	WDAF WDAW WOC KFWA KFAB
4:30 to 5	KPO KFRC KGO	KNX KFOU	KFEC KFOA	WDAF KYW WDAW WFAA WOC KFWA
5 to 5:30	KPO KGO	KNX		WDAF KYW WDAW WLS KDKA WFAA KOIL WDAW WGY WDAW WTAM
5:30 to 6	KFRC	KFI KNX		KDKA WDAW WOC WGY WLS WTAM WIP WDAF WDAW KYW
6 to 6:30	KZM KFRC	KFI KNX KHJ KFOU KMTR	KJR KFOA KGW	WSB PWX KOYL WGY WLS WTAM WOC WDAW WDAW WDAW WFAA WFAA KFAB
6:30 to 7	KFRC KZM KPO KFOU	KHJ KFI KNX KFWO KMTR	CJCA KFOA KGW	WSB PWX KYW WDAW WOC KOYL WGY WLS WDAW WDAW WDAW WDAW WFAA WFAA KFAB WTAM WIP WDAF WGBS WJZ KFAU CNRO WRC WENR WLV KOIL WJR
7 to 7:30	KLX KFRC KPO KFOU KRE	KFI KHJ KNX KFWO KNRC	KGB CJCA	KSD WOC WTAM PWX KTHS WDAF KFAU KYW WDAW WDAW WLS WFAA WIP WGBS KFAB WDAW WJZ WGBS WJR WBCN CNRO WRC WENR WLV WCAU WGY KSL WMAQ WREO WCO
7:30 to 8	KFRC	KFI KFSG KFOU KNX KFWO KFWB KNRC	KGB CJCA	WOC WTAM PWX WGY WMAQ WCO KFAU KYW WDAW WDAW WLS WBCN KTHS WIP WDAF WGBS WJZ WGBS WJR WBCN CNRO KFAU WRC WENR WLV WCAU
8 to 8:30	KFOU KFRC KFBK KPO KGO KRE KFWB KGIT	KHJ KNX KDBB KFWB KFI KFSG KFOU KFWO KMTR KNRC KPSN	KGB	WDAW WTAM WCO PWX KOA KYW WCAU WREO WJZ WLS WGY WRC KOYL KTHS WIP WMAQ WGBS WJZ WDAF WGBS WSM CNRO KFAU WRC KFWA WJR WBCN KSL
8:30 to 9	KFOU KFRC KFBK KPO KGO KRE KFWB KGIT	KFI KHJ KFSG KFOU KDBB KFWB KNX KFWO KMTR KNRC KPSN	CKCD KGB KJR	WDAW WTAM WGN WCO WDAF WCAU KSL WJZ WLS WGY WREO WRC KOYL KOA WIP WMAQ WGBS WJZ WGBS WJR WBCN CNRO WRC WENR WLV WCAU
9 to 9:30	KFOU KFWB KFOU KGO KPO KRE KFOU KFRC KFBK KGIT	KFI KHJ KFSG KNX KFWB KFOU KMTR KPSN	CFN CKCD KGB KJR KGW	WFAA KFOU WDAW WGN WGBS KFWA WRC WJR WBCN WJZ WLS WOC WCO KSL WMAQ KYW KOA WDAW KOIL WGBS WDAW
9:30 to 10	KFBK KFRC KRE KGO KPO KFOU KFOU KFOU KGIT	KFI KHJ KNX KFOU KFWB KMTR KPSN	CFN CKCD KFOA KJR KGW	WFAA WJZ WDAW KOA WDAW WGBS WLS WOC WCO KFOU KYW KOIL WRC WBCN WDAW
10 to 10:30	KFRC KRE KFOU KGO KPO KFOU	KFI KHJ KNX KFOU KFWB KPSN	KFOA CFN KGW KGB CFCT	WJZ KFOU KOA WDAW WDAF WDAF KYW WENR KOIL WBCN
10:30 to 11	KGO KPO KFRC KFOU KRE KFOU	KFI KHJ KNX KFOU KFWB	KFOA CFN KGW KGB CFCT	WJZ KFOU KOA WDAW WDAF KYW WENR KOIL WBCN
11 to 11:30	KPO KGO KRE KFRC KFOU	KNX KFI KFWB	KGB KFOA KGW	KYU WENR KOIL WJZ WBCN
11:30 to 12	KPO KGO KRE KFRC KFOU	KNX KFI KFWB	KGB KGW	KYU WENR KOIL WJZ WBCN
12 to 1	KFRC KRE	KNX KFI		KOIL WJZ WBCN
1 to 2		KNX KFI		
2 to 3		KFI		

KYW radiocasts news items every half hour—on the hour and on the half—during day and night

MAGNAVOX

Junior Receiving Set

\$85.00

Less
Accessories



\$85.00

\$35 Down
\$10 a Month

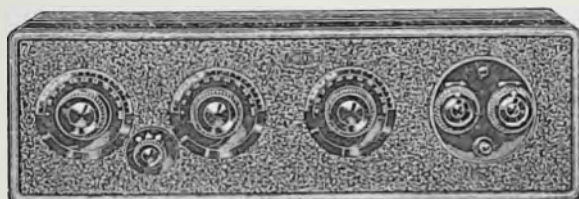
The Magnavox Junior Receiver has been designed to meet the insistent demand for a moderately priced receiving set having all the characteristics and advantages which have made the new Magnavox the most sensational accomplishment in this year's radio developments.

The internal construction is identical with other Magnavox models. Circuit Assembly is not interchangeable. Operates with external loud speaker and batteries. Dull piano finish mahogany cabinet with hinged cover.

ATWATER KENT

\$85.00

Less
Accessories



\$85.00

\$35 Down
\$10 a Month

\$139.50 complete less aerial

Remember you are buying a set that will give you many days of enjoyment and entertainment—in fact, years of service. Atwater Kent Receivers are ready to operate at the touch of your hand on the switch. No squealing, no howling. Ring Valencia 390 for a demonstration or hear and see these receivers in our Radio Rooms.

ESTABLISHED 1882

**T. WHITE
EASTMAN CO.**

2744 MISSION STREET
PHONE VALENCIA 390

BETWEEN 23rd and 24th STREETS, SAN FRANCISCO



Tell them that you saw it in Radiocast Weekly

PROGRAMS FOR SATURDAY

DECEMBER 26, 1925



Palace Hotel Concert Orchestra, Cyrus Trobbe, director—KFO—3:30 p. m.

467 Meters

KFI

840 Kilocycles

Copyright 1925 by E. C. Anthony, Inc., L. A.

5:30 p. m.—L. A. Examiner matinee program
6 p. m.—KFI nightly doings and amusement information service

6:15 p. m.—Radio Motorlogue Resort Service, courtesy of Mr. Hewitt

6:30 p. m.—Vest Pocket Concert

6:45 p. m.—KFI Radiatorial Period

7 p. m.—Varied program, featuring Virginia Flohri, soprano; Raymond McFeeters, tenor, and the Pennell Melody Trio

8 p. m.—Program presented by L. A. Examiner

9 p. m.—Featuring the Louise Klos Trio, with Evelyn Pickrell, violinist; Hazel Babbidge, cello; Louise Klos, harp, and Ysabel Bowen, soprano soloist

10 p. m.—Packard Radio Club, featuring Dolly MacDonald, Charles Cole, Bud Gore, the Carlson Sisters, Bud Hoff, Joey Ray, Bobbie Gross, Polly Grant Hall

11 p. m.—KFI Midnite Frolic; Don Meaney presenting artists of screen and stage. Program until 3 a. m.

405.2 Meters

KHJ

740 Kilocycles

Los Angeles Times, Los Angeles, California

7 to 7:15 a. m.—Exercises, Prof. B. L. Severns

12 to 12:30 p. m.—Leighton's Cafeteria Orchestra, directed by Jack Cronshaw

12:30 to 1:30 p. m.—Program presenting the Egyptian Ballroom Orchestra

2:30 to 3:30 p. m.—Matinee program

6 to 6:30 p. m.—Leighton's Cafeteria Orchestra

6:30 to 7:30 p. m.—Children's program, presenting Prof. Walter Sylvester Hertzog, Radio Historian; Dollie Wright, "Dollie of Radio-land"; Henrietta Poland, "Little Forget-Me-Not"; and Elma Savary, 12-year-old pianist, pupil of Adelaide Gosnel Lee

8 to 10 p. m.—De Luxe program

10 to 11 p. m.—Art Hickman and his Biltmore Dance Orchestra

280 Meters

KFAU

1070 Kilocycles

Public Schools, Boise, Idaho

6:30 to 8 p. m.—Musical program

428 Meters

KPO

700 Kilocycles

Hale Bros. & The Chronicle, San Francisco

7, 7:30 and 8 a. m.—Daily dozen exercises given under the direction of the Y. M. C. A.

10:30 a. m.—Ye Towne Cryer and amusement information; U. S. weather forecast

10:35 a. m.—Market report on butter, eggs, cheese and poultry

12 noon—Time signals; scripture reading

1 to 2 p. m.—Rudy Seiger's Fairmont Hotel Orchestra

2:30 p. m.—Radiocast of the Shriner's East vs. West football game

3:30 to 5:30 p. m.—Palace Hotel Concert Orchestra, Cyrus Trobbe, director

6:15 p. m.—Stock quotations

6:30 p. m.—Ye Towne Cryer and amusement information service

6:35 to 7:30 p. m.—Waldemar Lind and the States Restaurant Orchestra

8 to 12 p. m.—Cabiria Cafe Orchestra, Jack Coakley, director

256 Meters

KRE

1170 Kilocycles

Berkeley Daily Gazette, Berkeley, California

7:30 a. m.—Good thought service, conducted by the Rev. W. R. H. Hodgkin, D.D.

11:15 a. m.—Physical exercises for women, Dorothy Barron

7 p. m.—Current news, by direct wire

7:15 p. m.—Weather forecast

8 p. m. to 1 a. m.—Dance program, Horace Heldt and his Hotel Claremont Dance Orchestra (radiocast from the dinner dance at the Hotel Claremont, Berkeley)

9 p. m.—Studio program, special entertainment by artists from the Berkeley Theaters of the West Coast Theaters, Inc.

10 p. m.—Intermission solos by members of the orchestra

261 Meters

KFWA

1150 Kilocycles

Browning Bros. Company, Ogden, Utah

2 to 4 p. m.—Organ recital

4 to 6 p. m.—Ogden radio dealers program

4:45 p. m.—Market reports

8 to 9:30 p. m.—Dance music by Olie Reeves and his orchestra

Saturday Programs—Continued

361 Meters **KGO** 830 Kilocycles

General Electric Company, Oakland, Calif.

7:15 to 7:30 a. m.—Health Training Exercises, Hugh Barrett Dobbs

7:45 a. m.—"Pep Class," Hugh Barrett Dobbs

8:15 to 8:30 a. m.—Health Training Exercises, Hugh Barrett Dobbs

8:30 a. m.—"Daily Strength"—Cheerio

8:45 a. m.—Songs, William H. Hancock

11:30 a. m. to 1 p. m.—Luncheon concert, courtesy Pacific States Electric Co.

12 noon—Time signals

12:30 p. m.—Weather and stock reports

4 to 5:30 p. m.—Concert Orchestra, Hotel St. Francis, San Francisco, Vinton La Ferrara, conducting

8 to 8:10 p. m.—Weekly "Sport Review" by Al Santoro

8:10 p. m.—Oakland studio program

Instrumental selections, Arion Trio—

Winter.....Svendsen

Watching the Snowflakes.....Miersch

California Mixed Quartette, Zilpha Ruggles

Jenkins, soprano; Ruth Waterman, contralto; Carl Anderson, tenor; Albert Gillette, bass—

Nazareth.....Gounod

Three Old French Carols.....Arr. by Manney

Sing Noel

When the World Was White with Winter

At Solemn Midnight Came a Call

Violin solos, Josephine Holub—

Hymn to the Sun.....Rimsky-Korsakow

Siellienne et Rigaudon.....Francoeur-Kreisler

Soprano solos, Zilpha Ruggles Jenkins—

The Christ Child (violin obligato).....Coombs

Cantique de Noel.....Adam

Instrumental selection, Arion Trio—

Presto (from Trio in C Minor).....Mendelssohn

Soprano and tenor duets, Zilpha Ruggles

Jenkins and Carl Anderson—

Christmas Song (Noel).....Gounod

Cradle Hymn from "The Holy Child".....Parker

Bass solos, Albert Gillette—

The New Born King.....L'Espeir

Ring Out, Wild Bells.....Gounod

Instrumental selection, Arion Trio—

The Bells.....Debussy

A Christmas Story, Howard I. Milholland

Tenor solos, Carl Anderson—

Reclatave, Comfort Ye All—Every Valley

Shall Be Exalted "Messiah".....Handel

Here, a Torch, Jeanette, Isabella.....Carol

Cello solos, Margaret Avery—

Les Adieux.....Hamblen

Soprano, tenor and bass trio, Zilpha Jenkins,

Carl Anderson, Albert Gillette—

My Soul Doth Magnify from "Christmas

Oratorio".....Saint-Saens

Piano solos, Joyce Holloway Barthelison—

Two Pierrot Pieces.....Scott

Lento

Allegro

Contralto solos, Ruth Waterman—

Slumber, Beloved from "The Christmas

Oratorio".....Bach

The Birthday of a King.....Neidlinger

Instrumental selection, Arion Trio—

Silent Night

Vocal selection—

Hallelujah Chorus from "Messiah".....Handel

10 p. m. to 12 midnight—Dance music program

from the Hotel St. Francis, San Francisco.

Grvin Deuel's California Collegians

220 Meters **KFUU** 1360 Kilocycles

Mathewson Motor Company, Oakland, Calif.

10:45 to 11:45 a. m.—Concert and news events

6:30 to 7:15 p. m.—Scotty and His Clan

7:15 to 7:30 p. m.—News events, Oakland Times

8 to 9 p. m.—Joe Fabling's Orchestra, dance

music

9 to 10 p. m.—Allen's Hawaiians

10 to 11 p. m.—Studio program

268 Meters **KFRC** 1120 Kilocycles

City of Paris Dry Goods Co., San Francisco

6:30, 7, 7:30, 8 a. m.—Physical Culture Course,

Bernard Drury

12 noon to 12:20 p. m.—Inspirational talk by

Mary Katherine Maule

4 to 5 p. m.—Tea hour music, Stanislaus Bem's

Little Symphony, Drury Lane, Whitcomb

Hotel

5:30 to 6:30 p. m.—Mac and His Gang

6:30 p. m.—Police report and announcements

6:30 to 7:30 p. m.—Wilt Gunzendorfer's Band,

playing in Drury Lane, Hotel Whitcomb

8 p. m. to 1 a. m.—Wilt Gunzendorfer's Band

240 Meters **KTAB** 1250 Kilocycles

Tenth Ave. Baptist Church, Oakland, Calif.

9 to 9:30 a. m.—Prayer service by Rev. E. L.

Spaulding

220 Meters **KJBS** 1360 Kilocycles

Julius Brunton & Sons Co., San Francisco

9 to 10:45 a. m.—Vocal and instrumental selec-

tions

2 to 2:30 p. m.—Vocal and instrumental selec-

tions

226 Meters **KFOB** 1330 Kilocycles

Chamber of Commerce, Burlingame, Calif.

9 to 12 p. m.—Kwiburklekin Klub. The fun

makers of this program are increasing the

quality of entertainment every week; this

week will be better. They have arranged a

three-hour program that promises an array

of vocal, instrumental, and dance music, along

with wit and humor

275.1 Meters **KFSG** 1090 Kilocycles

Angelus Temple, Los Angeles, California

10:30 to 11:30 a. m.—Sunshine hour. Sermon

and prayer for the sick by Rev. Gladwyn N.

Nichols. Fanny Ashby, radio girl. Helen

Stanhope, soprano and accompanist

11:30 a. m. to 12:30 p. m.—Organ recital by

Esther Fricke Green. Clyde Umhey, baritone

3:30 to 4:30 p. m.—Children's Orchestra

directed by Helen McNaughton. Bessie

Lincoln, pianist. Blanche Clay, pianist

7:30 to 9:30 p. m.—Divine Healing Service

conducted by Aimee Semple McPherson.

Testimonies

207 Meters **KFWM** 1440 Kilocycles

Oakland Educational Society, Oakland, Cal.

8 to 9:30 p. m.—Vocal and instrumental music

Educational lecture

Bible questions answered

(Programs continued on next page)

Saturday Programs—Continued

233 Meters **KMTR** 1260 Kilocycles

K. M. Turner, Hollywood, California
 9 a. m.—"Dad's Hour" by Dad King
 10 a. m.—David M. Roth, famous Memory Expert
 1:30 to 1:45 p. m.—G. Gordon-Whitnall, Director-Manager City Planning Commission
 6 to 7 p. m.—Starr Piano Co. program
 8 to 10 p. m.—KMTR concert hour, presenting the Turner Orchestra

316 Meters **KPSN** 950 Kilocycles

The Pasadena Star-News, Pasadena, Calif.
 8 to 9:30 p. m.—Studio program by prominent artists
 9:30 to 10:30 p. m.—Dance orchestra from the Hotel Maryland, Pasadena

384.4 Meters **KJR** 780 Kilocycles

N. W. Radio Service Co., Seattle, Wash.
 1 p. m.—Time signals
 1:15 to 2 p. m.—Organ recital played on the Wurlitzer of Columbia Theater
 2 to 2:15 p. m.—"Home Helps," talk by Bernice Redington of Post Intelligencer
 2:15 to 2:30 p. m.—Produce report compiled by Chas. E. Hunt, commercial editor of Post Intelligencer
 5:40 to 6 p. m.—Stock quotations
 6 p. m.—Time signals
 6 to 6:30 p. m.—"What's doing at the theaters" weather reports
 8:30 to 10 p. m.—The L. C. Warner Co. program
 10 p. m.—Time signals

232.4 Meters **KFON** 1210 Kilocycles

Echophona Radio Shop, Long Beach, Calif.
 10 a. m.—Daily shopping tour
 2:30 to 4 p. m.—Long Beach Municipal Band
 4 to 4:10 p. m.—Address
 4:30 to 6 p. m.—Amusement bulletin
 6 to 6:30 p. m.—Organ recital
 7:30 to 9 p. m.—Long Beach Municipal Band
 9 to 11 p. m.—Echophona Entertainers frolic

252 Meters **KFWB** 1190 Kilocycles

Warner Brothers, Hollywood, California
 7:45 p. m.—Microphone brevities
 8 to 10 p. m.—Vocal and instrumental program
 10 to 11 p. m.—Warner Bros. frolic, featuring several well known artists in popular program
 11 to 12 p. m.—Henry Halstead's Orchestra, radiocasting over KFWB by remote control from the Hollywood Roof Ballroom

248 Meters **KFBK** 1210 Kilocycles

The Sacramento Bee, Sacramento, Calif.
 7:30 p. m.—Weather reports; announcements
 7:35 p. m.—Estelle Swearingen Murray's story for the children
 7:45 p. m.—Vocal program
 8 to 10 p. m.—Dance music
 10 p. m.—Closing announcements

508 Meters **KLX** 590 Kilocycles

The Oakland Tribune, Oakland, California
 7 to 7:30 p. m.—News items

337 Meters

KNX

890 Kilocycles

Los Angeles Evening Express, Los Angeles
 7:30 a. m.—KNX morning gym., by J. C. Casey
 8 a. m.—Inspirational talk and morning prayer
 8:15 a. m.—Art Pabst in songs
 9 a. m.—Time signals; birthday notices
 10 a. m.—Town Crier of day's morning message
 10:30 a. m.—Lessons in French by Floryane Thompson
 12 to 1 p. m.—Wurlitzer organ recital
 1:30 p. m.—The Book Worm
 2 p. m.—Football game
 5 to 5:30 p. m.—Sunny Jim's children's hour
 5:30 to 6:15 p. m.—Wurlitzer organ recital
 5:55 p. m.—The Town Tattler
 6:15 p. m.—W. F. Adler travelogue
 6:30 to 7 p. m.—Atwater Kent Orchestra
 7 p. m.—H. W. McSpadden talk on insect life
 7:15 p. m.—Announcing Sunday services in the leading Los Angeles churches
 7:30 to 8 p. m.—Wurlitzer organ concert
 8 to 10 p. m.—Feature program
 10 to 11 p. m.—Hotel Ambassador, Ray West's Coconut Grove Orchestra
 11 p. m. to 2 a. m.—Hollywood night

454.3 Meters **KFOA** 660 Kilocycles

Rhodes Department Store, Seattle, Wash.
 4 to 5:15 p. m.—The Times, Wm. F. Hoffman's Concert Orchestra
 6 to 6:45 p. m.—Hoffman's Concert Orchestra
 9:30 to 11:30 p. m.—Eddie Harkness and his dance orchestra

491.5 Meters **KGW** 610 Kilocycles

The Morning Oregonian, Portland, Oregon
 10:30 a. m.—The Town Crier; music, weather report, news items and shopping guide
 12:30 to 1:30 p. m.—Rose City Trio, courtesy Pacific States Electric Company
 8 to 7 p. m.—Dinner concert
 9 to 12 p. m.—Dance music by wire telephony from Indian Grill of Multnomah Hotel

322.4 Meters **KOA** 930 Kilocycles

General Electric Company, Denver, Colorado
 10:45 a. m.—Weather; road reports; stocks; markets; livestock and produce
 11:15 a. m.—Rialto theater musicale
 8 p. m.—Wurtzbach's Orchestra, Best Cafeteria, Denver

HOW TO REACH RADIOCASTERS BY TELEPHONE

KFOB.....	Burlingame	1565
KFRC.....	Douglas	4500
After 6 p. m. Douglas	4509	
KFUS.....	Oakland	5654
KFUU.....	Lakeside	1730
KGO.....	Fruitvale	5980
KJBS.....	Graystone	356 or 456
KLS.....	Lakeside	6223
KLX.....	Lakeside	6000
After 9 p. m. Lakeside	6015	
KNRC.....	Westmore	1319
Night phones: Westmore	1317, 1319	
KPO.....	Kearny	5777 or Sutter 5600
KRE.....	Thornwall	1
During radiocasting hours: Berkeley	9300	
KTAB.....	Merritt	248
KZM.....	Lakeside	100

WANT DISTANCE?

Gosilco Will Get It

**GOSILCO SUPER AERIALS AND BUS-WIRE ARE
HEAVILY SILVER PLATED NO. 14 COPPER
WIRE SHEATHED WITH 24k. GOLD**

Silver is the best radio conductor
All other types of aerial and bus-wire are now obsolete

Gosilco Aerials Will Outdistance All Others

**PERMANENTLY EFFICIENT OUTSIDE—More Volume
—Clarity—Selectivity. Will not stretch**

**SPECIAL GOSILCO extra soft, flexible No. 14 copper wire
for bus and loop aerials**

**Sets wired with GOSILCO show 35 per cent increase in
Range and Volume**

Endorsed by America's Foremost Radio Engineers

**Aerials 4½c per ft. Round bus wire 12c per 2-foot length.
Quick action on mail orders—C. O. D. anywhere**

American Luminous Products Co.

**Patent Applied For
Open Until 9 P. M.**

**Established 1914
Delaware 9529**

**320-C MARBRISA AVE.
Huntington Park, Calif.**

WRITE TODAY FOR FREE SAMPLES

RADIOCAST STATION DIRECTORY

Call	Meters	Owner and Location	Power	Call	Meters	Owner and Location	Power
CFAC	435	Calgary Herald, Canada	2000	KQW	231	1st Baptist Church, San Jose	500
CFCN	435	W. W. Grant, Calgary	3000	KRE	256	The Gazette, Berkeley	100
CFCT	330	Geo. W. Deaville, Victoria	2000	KSD	545	The Post-Dispatch, St. Louis	750
CHBO	435	Albertan Pub. Co., Calgary	1000	KSL	300	Cope & Johnson, Salt Lake	500
CJCA	517	Journal, Edmonton, Canada	5000	KTAB	240	10th Ave. Bap. Church, Oak.	1000
CKOD	307	Daily Province, Vancouver	750	KTEI	292	Bible Institute, Los Angeles	750
CKOK	378	Leader Pub. Co., Regina, Can.	2000	KTCL	208	Am. Radio Tel. Co., Seattle	1000
CKCX	435	W. W. Grant, Calgary	500	KTHS	375	New Arlington Hotel, Hot Springs, Ark.	750
CNEO	435	Nat. Rys., Calgary, Canada	1000	KTW	454	1st Pres. Church, Seattle	1000
CNEB	517	Nat. Rys., Edmonton, Canada	5000	KWG	248	Portable Wireless Tel. Co., Stockton	50
CNRM	411	Nat. Rys., Montreal, Can.	2000	KWBO	349	State College, Pullman	500
CNRO	485	Nat. Rys., Ottawa, Can.	2000	KYW	538	Westinghouse Elec. & Mfg. Co., Chicago	3500
CNRR	476	National Rys., Regina, Can.	2000	KZM	240	West. Radio Inst., Oakland	50
CNET	357	Nat. Rys., Toronto, Can.	2000	PWX	400	Int. T. & T. Co., Havana	500
CNRV	201	Can. Nat. Rys., Vancouver	500	WRAT	476	Star-Telegram, Ft. Worth	1500
CNRW	384	Nat. Rys., Winnipeg, Canada	2000	WBCN	260	Southtown Economist Station, Chicago	500
CYL	510	El Universal, Mexico City	500	WBZ	333	Westinghouse Elec., Springfield, Mass.	2000
KDKA	309	Westinghouse, E. Pittsburgh	10,000	WCAP	469	C. & P. Telephone Co. Wash- ington, D. C.	500
KDYL	240	Newhouse Hotel, Salt Lake	50	WCAU	278	Hotel Pennsylvania, Phila.	500
KDZB	240	T. Seifert, Bakersfield, Cal.	100	WCBD	345	W. G. Voliva, Zion, Ill.	5000
KFAB	341	Neb. Buick Auto Co., Lincoln	1000	WCCO	416	Washburn-Crosby Co., Minneapolis, Minn.	5000
KFAF	217	A. E. Fowler, San Jose, Cal.	50	WCCE	275	Liberty Weekly, Elgin, Ill.	1000
KFAU	283	Public Schools, Boise, Idaho	750	WCX	517	Free Press, Pontiac, Mich.	2500
KFBK	248	The Bee, Sacramento, Cal.	100	WDAF	386	The Kansas City Star	500
KFDO	283	Ore. Agr. College, Corvallis	500	WEAF	492	Am. T. & T. Co., N.Y.	5000
KFEO	248	Meler & Frank Co., Portland	50	WEAR	389	Goodyear Tire & Rubber Co.	1000
KFL	467	Earl C. Anthony, Inc., L. A.	3000	WEBH	370	Edgewater Hotel, Chicago	1000
KFIQ	258	M. E. Church, Yakima, Wn.	50	WEEL	476	Edison Elec. Co., Boston	500
KFKX	288	Westinghouse, Hastings, Neb.	2000	WENR	266	All Am. Radio Corp., Chicago	500
KFOA	454	Rhodes Co., Seattle, Wn.	1000	WFAA	476	Dallas News, Dallas, Texas	500
KFOB	226	Burlingame Cham. of Com.	50	WGBS	316	Gimbel Bros., New York	500
KFON	233	Echophone Radio, Long Beach	250	WGN	870	Chicago Tribune, Chicago, Ill.	1000
KFQU	217	Daly City, California	100	WGR	319	Federal Radio Corp., Buffalo	750
KFRQ	268	City of Porto D. G. Co., S. F.	50	WGY	380	Gen. Elec. Co., Schenectady	5000
KFSQ	275	Angelus Temple, Los Angeles	500	WHAD	275	Marquette Journal, Milwaukee, Wis.	500
KFER	224	Ogden, Utah, Peery's Bldg.	50	WHAZ	340	Rensselaer Inst., Troy, N.Y.	1000
KFUS	258	Sherman School, Oakland, Cal.	50	WHB	398	Swaney Auto School, Kansas City, Mo.	500
KFUT	261	U. of Utah, Salt Lake City	100	WIP	408	Gimbel Bros., Philadelphia	500
KFVU	220	Mathewson Motor Co., Oakland	50	WJAD	353	Barton Mfg. Co., Waco, Texas	500
KFWV	243	Air Fan Corps, San Diego, Cal.	500	WJAZ	322	Zenith Radio Corp., Chicago	500
KFWA	261	Browning Bros., Ogden, Utah	500	WJR	517	Jewett Radio Co., Pontiac, Mich.	5000
KFWB	252	Warner Bros., Hollywood, Cal.	500	WJY	405	R. C. A., N. Y. City	1000
KFWH	254	F. W. Morse, Jr., Chico, Cal.	100	WJZ	485	R. C. A., New York City	40,000
KFWI	226	Radio Entertainments, Inc., San Francisco	500	WKRC	422	Kodak Radio, Cincinnati	1000
KFWO	211	Lawrence Matt, Avalon, Cal.	250	WLBS	303	Liberty Weekly, Elgin, Ill.	2500
KFWN	207	Oakland Educational Society	250	WLS	245	Scars, Racine, Chicago	1500
KGB	250	Daily Ledger, Tacoma, Wn.	100	WLW	422	Crosley Co., Cincinnati	500-6000
KGO	351	Gen. Elec. Co., Oakland, Cal.	3000	WMAQ	448	Chicago Daily News	500
KGTT	207	Glad Tidings Temple, S. F.	50	WOAI	394	Southern Equipment Co., San Antonio, Texas	2000
KGU	270	The Adventist, Honolulu, Ha.	500	WOAW	528	W. O. W., Omaha, Neb.	1000
KGW	491	The Oregonian, Portland, Ore.	500	WOC	484	Palmer School of Chiroprac- tic, Davenport, Iowa	5000
KGY	408	St. Martin's Col. Lacey, Wn.	50	WOO	508	Wanamaker's, Philadelphia	500
KHJ	245	The Times, Los Angeles, Cal.	500	WOS	441	State Marketing Bureau, Jefferson City, Mo.	500
KHQ	273	L. Wasmers, Spokane	1000	WOR	406	L. Bamberger, Newark	500
KJBS	220	Jullus Brunton & Sons Co., S. F.	5	WQJ	448	Calumet Baking Powder Co., Chicago	500
KJE	384	Northwest Radio Service Co., Seattle	1000	WRC	449	R. C. A., Washington, D.C.	500
KLDS	441	Reorganized Church of Jesus Christ, Independence, Mo.	1000	WREO	286	Reo Motor Co., Lansing, Mich.	500
KLS	252	Warner Bros., Oakland	250	WSB	428	The Journal, Atlanta, Ga.	1000
KLX	508	Tribune, Oakland	500	WSM	283	Nat. Life Ins. Co., Nashville, Tennessee	500
KLZ	268	Reynolds Radio Co., Denver	250	WTAM	389	Willard Storage Battery Co., Cleveland, Ohio	3500
KMJ	234	The Fresno Bee	50	WWJ	353	Detroit Evening News	1000
KMO	250	Lava Elec. Co., Tacoma	100	WXE	406	State Government, Chihuahua, Mexico	250
KMTR	238	K. M. Turner, Hollywood, Cal.	500				
KNRC	208	Kiernuff & Ravenscroft, L.A.	250				
KNX	337	L. A. Express, Hollywood	500				
KOA	322	General Elec. Co., Denver	5000				
KOB	340	State College, New Mexico	1000				
KOIL	278	Mona Motor Oil Co., Council Bluffs, Iowa	500				
KPO	428	Hale Bros. and The Chronicle, San Francisco	1000				
KPPC	229	Pasadena Pres. Church	50				
KPSN	310	The Star-News, Pasadena	1000				



A Mu-Rad Christmas is a real Radio Christmas

SEVERAL YEARS AGO, when Mu-Rad engineers started work on the development of a receiver which could be sold to and operated by laymen, they were confronted with the problem as to whether it would be a better policy to make a cheap receiver to sell at a low price and in enormously large quantities, or whether it would be wiser to somewhat limit production and build quality into the set. In other words, should they build a set a la Ford or a set a la Lincoln?

Realizing that even the better set would be within the means of the average pocketbook they chose to make the better set, to build in quality first of all rather than make large production the prime objective.

That they were right has been proven by developments in the Radio field during the last two or three years. The industry has literally run wild, which is natural where a business springs up overnight. Cheap, slipshod sets have been flung together and dumped on the market. While twenty-five to fifty per cent of the owners of these sets made on the quantity production basis are now looking around for a better set, both the early and later buyers of Mu-Rad Receivers are writing us daily of the satisfaction their Mu-Rads have given them and of the amazing results they have gotten with them.

This satisfaction is the result of Mu-Rad design and of the Mu-Rad policy of placing Quality ahead of Quantity.

Write us for names of dealers in California who will demonstrate this great receiver

The HEYMAN-WEIL COMPANY, Wholesale Distributors

WHOLESALE DISTRIBUTORS

720 MISSION STREET

SAN FRANCISCO

Call at any of the following dealers in the Bay district and have them show you the actual performance of the wonderful Mu-Rad

LEVENSON COMPANY
325 Market Street

H. C. CAPWELL
Oakland

RADIO DEN
130 Clement Street

PACIFIC RADIO SALES
537 Geary Street

PACIFIC TIRE SALES COMPANY
927 Post Street

ELECTRIC LIGHTING SUPPLY CO.
4000 Piedmont Ave., Oakland

CHRISTOLM MUSIC CO.
Center and Oxford Sts., Berkeley

THE ASHBY PIANO CO.
3317 Adeline, So. Berkeley

LLOYD F. BUTCHER
283 O'Farrell Street, San Francisco

The **ONE DIAL CONTROL**
MU-RAD
Transcontinental Receiver

Untd. Rad. Sup. Co.
Room 901,
673 Mission St.,
San Francisco, Cal.

There is none equal to a

Pfanstiehl

OVERTONE RECEIVER

In these 4 important respects:

Tone quality:

Due to perfect reproduction of the overtones which make real music.

Simple tuning:

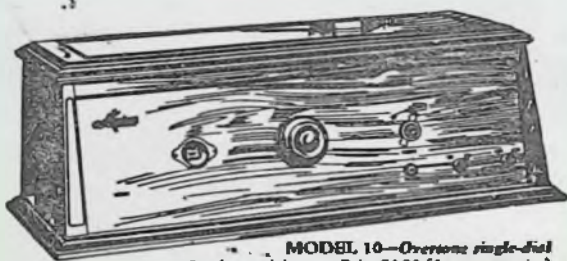
Done with a highly efficient single-dial control.

Beauty of design:

Radio panel is of wood, swept clear of non-essentials, with illuminated station finder.

Trouble-proof operation:

Simplest radio frequency circuit made; no extra wiring or complicated devices to get out of order.



MODEL 10—Overtone single-dial
6-tube receiving set. Price \$160 (less accessories)

The Pfanstiehl Overtone Receiver is an exquisite piece of furniture; it is a fine musical instrument; it is a trouble-proof machine. See it—hear it.

COAST RADIO SUPPLY CO.

PACIFIC COAST DISTRIBUTORS

648 Howard Street

Phone Kearny 163

San Francisco, Calif.