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All Henry Inductances
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Eagle Chargers and Eliminators
Ebby Binding Posts
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Elec-Tru-Tone Pickups
Electrad Products
Formica Panels
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Fritts Radio Cabinets
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Stately Design
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Interference

One of the greatest hampering influences of radio is man-made static that comes from power lines, trolleys, leaky transformers, X-ray machines, and different kinds of electrical appliances that are not performing efficiently.

The Radio Trades Association of Southern California, a very active organization of radio business men, realizing the harm that this artificial static has done to radio and the annoyance that it has caused the persons who have spent good money for a radio set, has actively come out with a policy of "Elimination of Artificial Interference."

The list of questions appearing on the opposite page was compiled by the representatives of one of the big Eastern power companies and several nationally known radio engineers. This form has been in operation for three years and it has been found to be of the greatest help in clearing away the trouble.

Radio Doings is interested in obtaining for the Radio public interesting programs and good reception, so naturally they are sponsoring the campaign for the elimination of unnecessary interference.

Fill out this questionnaire and send it to the Radio Doings office to be turned over to the Radio Trades Association, and the case will be investigated within a short time after it is received.

The Radio Trades Associations of San Francisco, Portland, Seattle, Salt Lake and Denver are all active organizations and are also vitally interested in the interference problem and will undoubtedly put forth their best efforts in clearing up the nuisances in their respective cities. The questionnaires coming from these cities will be sent to their local Radio Trades Associations or power companies to be taken care of.

Let us all actively co-operate in the elimination of all unnecessary noises and be rewarded by receiving clear, beautiful programs.
Interference Questionnaire

1—Name of receiver.................................................................
   Number and type of tubes....................................................

2—Date tubes purchased..........................................................
   Last tested or rejuvenated....................................................

3—Do your tubes flicker when tapped gently?............................
   Are they tight in sockets......................................................

4—Is your set regenerative?....................................................

5—Have you tightened up all connections both in the receiver and in antenna and ground system?

6—Type of batteries used.......................................................A
   .................................................................B
   .................................................................C

7—Date and reading of voltmeter tests of A...............................B
   .................................................................C

8—To what is your ground wire fastened?....................................
   Soldered or clamped on?......................................................

9—Height of aerial..............................................................Length
   Is it parallel to other wires?................................................

10—Is lead-in a separate wire?................................................Is it insulated and tightly soldered to antenna?

11—Is aerial properly insulated from all trees, ground, houses, etc.?................................................

12—Is it fastened to electric light or telephone poles or does it cross over any wires?

13—When was disturbance first heard in receiver?....................... 

14—With aerial and ground disconnected and their binding posts connected together with wire, do you still hear the interference? Is it spasmodic or do you hear it at all hours of the day or night?

15—Would you describe it as a steady frying noise?

16—Does rainy weather seem to clear the trouble or increase the volume of the disturbance?

17—About what wave length does it come in the loudest?

18—Does it continue when you pull the lighting switch for your whole house?

19—Have you checked the sockets, switches and other connections and fixtures in your home to see if they are loose?

20—Do you or does anyone in your neighborhood operate an oil burning furnace, heating pad, small motors, violet-ray machine or other appliances?
   If so, please give their names and addresses below

21—Have you checked up to see if turning on and off any electrically operated appliances in your own home or your neighbors would affect the disturbance?

22—Have any of your neighbors heard the same disturbing sounds in their receivers?
   Give any other information which you think might be of assistance in tracing interference.

Name.................................................................
Address.................................................................
City.................................................................
Selling Faster Each Week

Because the Falck is the one moderate-priced receiving set that operates perfectly from the house lighting circuit, without batteries or chargers of any kind.

Because of the Falck’s simplified single dial control and fool-proof construction. Impossible to burn out tubes.

Because of the Falck’s tone qualities — unsurpassed by the highest-priced sets.

Because of the Falck’s expensive-looking console cabinet enclosing all parts, including built-in cone speaker.

*See and hear it!*

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Shows you how to have a CUSTOM-BUILT Set at Low Cost

This 48-page Construction Manual is the most complete book of its kind ever issued — describes with text, charts, diagrams and photos every detail in building the “Hi-Q SIX” — the CUSTOM-BUILT Receiver that is built with America’s finest parts — the receiver that gives CUSTOM-BUILT results and saves you at least $100.00 over finest factory-assembled sets!

The advanced “Hi-Q SIX” incorporates every modern feature — four completely isolated tuning stages, automatic variable coupling, symphonic transformers and power tube. Assures even and maximum amplification on all wave lengths; super sensitivity; knife-like selectivity and tonal quality that is an actual revelation.

Complete parts cost only $95.80; construction surprisingly easy; results are startling in quality. Ask your dealer for the “Hi-Q SIX” Construction Manual or send 25 cents direct.

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Special
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Complete

This All-Electric McMillan, using 5 new AC tubes; beautiful mahogany console.

Place your order early to assure prompt delivery.

Convenient Terms Arranged

UNITED RADIO STORE

814 S. Olive, Los Angeles. ME. 7832
Hammarlund-Roberts Hi-Q Six

A six-tube receiver incorporating three stages of tuned RF amplification, detector and two stages of transformer coupled audio. The RF stages and detector are individually shielded. The first two RF stages are ganged on one drum dial control and the third RF stage and detector are ganged on the second drum dial.

The outstanding feature is the means of mechanically varying the coupling between primary and secondary of each RF transformer as the frequency is varied by movement of the tuning condensers. This is accomplished by means of a cam on the condenser shaft and lever arms, which carry the movable primary coils. As the frequency is lowered by movement of the condenser plates, the primary windings move closer to the secondaries, thereby providing a uniform energy transfer over the tuning range.

Oscillation is controlled by inserting resistance in series with the grid leads of the three RF tubes; 300 ohms are placed in the first grid circuit, 1,000 ohms in the second and 500 in the third. This prevents oscillations being set up in the RF amplifier. Volume control is by filament rheostat in the RF circuits. A small resistance unit in each RF filament circuit prevents the application of too high a voltage on the RF tubes.

There is an RF choke coil in the "B" supply lead to the detector and the three tubes which precede it, and suitable by-pass condensers are provided in connection therewith. The circuit is thus rendered stable and free from unwanted feed-back effects.

Two stages of transformer coupled audio amplification follow the detector. Provision is made for the use of power tube in the last stage with proper grid biasing. Both tubes operate through filament ballast resistors (Amperites).

An output filter or transformer should be provided when power tube is used. Wiring is materially simplified by grounding the negative "A," "B" and positive "C" to the metal base.

It is a quality job throughout, every part used being of the best obtainable. For the fan who wants a custom-built two-dial, 6-tube receiver, there is no finer kit available.

On the reverse side of this page is shown the schematic wiring diagram, panel layout and assembly plan. The simplicity of the panel controls, symmetrical arrangement of the units and ease of wiring will appeal to the man who "builds his own."

Parts List for "Hi-Q Six"
1—Samson Symphonics transformer
2—Samson type HW-A3 transformer (3:1 ratio)
3—Hammarlund .0005 mfd. Midline condensers
4—Hammarlund "Hi-Q Six" Auto Couple coils
5—Hammarlund Type RFC-85 radio frequency chokes
6—Hammarlund Illuminated drum dial
7—Sangamo .0025 mfd. mica fixed condenser
8—Sangamo .001 mfd. mica fixed condenser
9—Pr. of Sangamo grid leak clips
10—Carter 1R-6 "Imp" rheostat, 6 ohms
11—No. 2-A Carter "Imp" battery switch
12—Durham metalized resistor, 2 megohms
13—Acme Parvoll ½ mfd. series A by-pass condensers
14—Benjamin No. 9040 sockets
15—Eby engraved binding posts
16—Amperites, No. 1-A
17—Amperite No. 112
18—Yaxley No. 860 cable connector and cable
19—Hammarlund-Roberts "Hi-Q Six" foundation unit

Listen—Technical Readers!

Just compare the diagram on the previous page with any Hammarlund-Roberts circuit diagram in any other publication. Compare ANY of our diagrams which are given each week on the loose-leaf page with ANY diagram in ANY magazine! We believe that Radio Doings is giving you the most readable prints of radio circuits ever prepared. These pages, removed from Radio Doings and preserved in a loose-leaf binder, constitute a Technical Manual of radio circuits and information which is valuable to you if you are interested in what works behind the panel.
BULLARD SUCCESSOR SELECTION DIFFICULT

WASHINGTON.—A number of elements combine to make the selection of a successor to Rear Admiral Bellard, late chairman of the Federal Radio Commission, difficult. In making this President Coolidge must find a man with the following qualifications: The new commissioner must be an actual resident of Pennsylvania, Virginia, West Virginia, Ohio, Michigan, or Kentucky.

Likewise, he must be a Republican, and last but most difficult of all, it would seem in this case to be essential for the new man to have some technical or practical knowledge of radio. The men who come nearest to this now on the commission are O. H. Caldwell, who is an electrical engineer, and formerly editor of "Radio Retailing," and Sam Pickard, who was in charge of the U. S. Department of Agriculture radio service.

Judge Sykes, who is the lawyer member of the commission—and who, by the way, has proved himself a most valuable member—and Harold A. Lafount, the new commissioner from Salt Lake City, admittedly know nothing about the practical side of radio. In the beginning there were three commissioners of unquestioned technical ability—Admiral Bullard, the Navy’s best man, and a world authority on the subject; Col. John F. Dillon, of San Francisco, one of the veteran radio supervisors of the country, and H. A. Bellows, the man who brought Station WCCO at Minne-
apolis up to its present high standard.

With Bellows resigned and Bellard and Dillon both dead, the commission has been terribly weakened from a technical standpoint.

President Must Act at Once

Quite another problem which the President must face in naming the new commissioner, aside from the fact that these commissionships are now becoming looked upon as man-killing propositions, is the necessity on the one hand of appointing a chairman quickly, so in case Congress does not see fit to continue the life of the commission, it may do as much work as possible before March 15, when its life automatically expires unless Congress acts to prolong it.

On the other hand, the President is faced with the situation that many otherwise available candidates who would be glad to accept a $10,000 commission- ership will now be shy of it because if the commission becomes an appellate body March 15, and as the law now stands, from that date on their salary becomes a $30 per diem proposition and they only get paid for their actual days of meeting.

Altogether the appointment is one of the most perplexing that the President has had to make, and the outcome will be anxiously awaited by the radio listeners of the country.

Radio exports are beginning to appear more largely in our export statistics to the Oriental countries, Dr. Julius Klein, director of the Bureau of Foreign and Domestic Commerce, said recently.
DeLuxe Highboy

For those who have not seen and heard the new Sonora Selective Six, a positive revelation awaits them—extreme selectivity—deep, resonant tone, single dial control, speaker built in an exquisite walnut cabinet. Never before in the history of radio has a set been produced with such variety of outstanding features.

Six beautiful models,
"A.C." and Socket Power Equipt,
$69.50 to $375.00

In Southern California
Sonora is distributed by Western Radio, Inc.,
1224 Wall St.
Phone WESTmore 3338
for Information.
New Alhambra Radio Store Prospers

Harper's Radio is a first-class example of the modern up-to-date radio retail store. Mr. Frank Harper, the owner, reports that business is exceptionally good despite the fact that his place of business has been opened scarcely more than a month.

Superior store and delivery service is largely responsible for this promising success. An attractive stock of popular radio receivers and standard parts is carried at all times.

Mr. Harper invites radio users who are in difficulty to call Alhambra 5005 or stop in the store at Valley Boulevard at Wilson, Alhambra, and they can be assured of skilled attention.

There is nothing finer than a Stromberg-Carlson

Nothing in radio is more outwardly beautiful than a Stromberg-Carlson. Nothing is more finely built, of better materials or more accurate in inward construction. And—nothing is more efficient, more durable nor designed with greater knowledge.

Distributed in
Arizona and Southern California

IMPROVED TURN-IT GRID LEAK

Variable Grid Leak (Non-Evaporating)
.5 to 12 Megohms..........................$1.00
Made by GARDNER & HEPBURN, Inc.
Factory Agent
Lombard J. Smith, 324 N. San Pedro Street
Los Angeles, Cal.
Jensen Develops Outstanding Loud Speaker

Among the recent outstanding developments in the loud speaker field is the Jensen. It is of the dynamic type; that is, the usual permanent magnets are replaced by an electro-magnet, and the cone is actuated by the movement of a free floating coil of low resistance mounted in the electromagnetic field. This coil is connected to the output of the radio receiver through an output transformer which is a part of the speaker itself. No other output device should be used.

The electromagnets of the speaker are connected to a 6-volt battery, and draw a current of about half an ampere. The speaker is capable of handling very great volume without distortion and has that very pleasing quality which only a power cone can give. The Jensen, though comparatively new, has already taken its position among the finest speakers obtainable.

A Good 3-Tuber

J. T. Roffy's latest development, the "Superfine 3-Tube Circuit," is drawing much favorable comment from the fans this season. It is difficult to believe that such an apparently simple and inexpensive receiver can be so selective and deliver such tone quality. But Mr. Roffey "knows his stuff," having been one of the pioneers in radio. During his service as a designing engineer with Gilfillan and other manufacturers, he turned out many successful circuits; in fact, he estimates that there are at present 22,000 sets in operation built according to his blue prints.
Polymet Bakelite Mica Condensers

Every Polymet Mica Condenser is individually tested for accuracy and high voltage break down. They are not affected by heat, cold, moisture or atmospheric changes. Polymet Mica Condensers are standard equipment with a majority of the nationally known set manufacturers and are specified in the leading popular circuits. Follow the leaders. Use the best—POLYMET.

At All Dealers
Write for complete information regarding Polymet parts and all Polymet radio essentials.

POLYMET MANUFACTURING CORP.
595 Broadway, New York

Steinite
(Licensed by R. C. A.)
America’s Lowest Priced, Most Popular Electric Radio

Hi-boy console of beautiful solid mahogany, with built-in air column speaker having Nathaniel Baldwin unit. The doors swing back entirely out of the way when receiver is not in use.

No Batteries—All Electric
The Steinite line of receivers have six tubes, three stages of tuned radio frequency. Illuminated two-dial control. Genuine solid Philippine mahogany cabinets. Duco finish throughout.

All models come to you in one single unit READY TO GO the instant you plug into the light socket.

National Radio & Supply Co.
141 W. Washington St.
WE. 2748 Los Angeles
Adding RF to the Magnaformer

By K. G. ORMISTON

Laboratory experiments with the Magnaformer 9-8 have resulted in the development of a circuit which is essentially the same as the regular set with the addition of two stages of radio frequency amplification ahead of the first detector.

The test set used ten tubes, comprising two RF tubes, first detector, three stages of intermediate frequency, second detector and two stages of audio. It was designed for use with either the standard loop or a small antenna. In a location where the noise level permits, this set will give tremendous volume on the eastern stations, and preserve the selectivity to a highly satisfactory degree.

On test the new ten-tube combination brought in WLW, Cincinnati; WTAM, Cleveland, WGY, Schenectady, and five of the Chicago stations with volume too great for comfort. The RF stages block radiation from the set oscillator, which normally is coupled directly to the loop circuit, and this is something to consider with so many super-heterodynes in use. Any move which keeps set whistles off the air is worth while.

The RF unit was especially designated to work with the Magnaformer circuit. A three-gang condenser tunes the RF unit, so that there are still but the two major tuning controls. The RF stages are non-oscillating. An adjustment permits of compensating for variations in antenna size. There is no change in the main panel layout. In next week's issue the wiring diagram and assembly plan will be given, together with constructional details and further report on the performance of the set. The RF stages seem to lift weak signals above the noise level and feed 'em to the detector, where they would otherwise be totally submerged by static in the standard set.

The added range is accomplished without sacrifice in selectivity, as it was possible to bring in WGY midway between KGO and KNRC on the dials. Incidentally this is a good test for selectivity on any set located near either of the two California stations.

A simple switching arrangement changes the set from 10 tubes to a 5 tube tuned RF set, one dial control. The lady of the house can thereby have the simplicity of single dial control and highly efficient 5 tube performance, while the ten tube combination is always available for the utmost in DX range, selectivity and volume.
**Fantiful Service**

The function of a power resistance is to control voltage and current accurately—permanently—silently.

**AEROVOX PYROHMS** used with GOOD equipment make a BETTER power unit.

**AEROVOX PYROHMS** are built to last—and used by more than 20 leading power unit manufacturers. This is conclusive evidence of their reliability—accuracy—worthiness.

Made in all values of resistance for continuous duty at 10, 40, 100 and 200 watts.

**AEROVOX**

*Built Better*

10 Washington St., Brooklyn, N. Y.

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**Official MAGNAFORMER LABORATORY**

The Magnaformer, Wired, Tested and Guaranteed, $150.00.

We Will Test, Assemble and Wire Your Kit for $35.00.

Our Workmanship is in a Class by Itself.

**LAB. OF RADIO STANDARDS**

E. K. HAYES

2408 W. Vernon, Los Angeles, Cal., VERmont 6543

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**TRUVOLT**

AN ALL WIRE VARIABLE VOLTAGE CONTROL

Unsurpassed for B-Eliminators and power devices. Kept cool by air, this unit does not break down.

1. Made entirely of wire; permanently accurate.
2. Potentiometer control; positive metallic contact.
3. Ni-chrome wire resistance—very low temperature coefficient.

Eight stock types with resistance up to 50,000 ohms. All rated at 25 watts.

List $3.50 each.

Also full line of fixed wire resistances. Write for Free Resistance Circular.

**ELECTRAD**

175 Varick St., New York, N. Y.
Magnaformer 9-8
Commander-in-chief of the Air
A LADY FAN ENTERS THE RING!

708 Mortimer Ave.,
Huntington Park, Calif.

Dear Mr. Scott:

My sympathies are with you in your argument with Mr. Ormiston, so I am hoping my Magnaformer testimonial will help you. While I haven’t tried to go West on a DX fishing excursion, I think I am doing very well toward the East. Saturday evening I tuned in WKAQ, Porto Rico; good volume and clarity, with three witnesses present; also PXW, KDKA, CYK, CYJ, KOIL, KMA, WLS, WJBT, WSM, WJR, WCCO, KVOO, KWSC, KTHS, KMOX, KOB, KWKH, and many others. I like the Magnaformer because one can bring in many distant stations with all our locals on the air. Here is another one that may worry Mr. O.—KFUM, Colorado Springs, at 8 o’clock in the morning! I did it!

Sincerely yours,
(Mrs.) STELLA D. CUMMINS.

Wholesale Distributors

YALE RADIO ELECTRIC CO.
1111 Wall St., Los Angeles

RADIO SUPPLY
912-14 S. Broadway, Los Angeles

SUNSET ELECTRIC CO.
1141 First St., San Diego

COAST RADIO SUPPLY CO.
648 Howard St., San Francisco

WILLIAMS & KLENTZ
Santa Ana, Calif.

SCOTT SALES CO.
Factory Agents
443 S. San Pedro St.
VA. 3297
Los Angeles

Manufactured by Radiant Laboratories, 19 S. LaSalle St., Chicago
A True Bedtime Story

Here is a real bedtime story with a kick.

G. Allison Phelps, the Radio Philosopher, Manager of KMTR, and night announcer, recently suffered an injury to his right knee that caused a serious swelling.

"Your knee-cap is floating in water," his physician informed him, "and you'll have to go to bed."

"Let her float," G. Allison replied, "I can't go to bed."

But the knee steadily grew worse, and the doctor finally found it necessary to incase the entire limb in a plaster-of-paris cast. As soon as Mr. Phelps had been taken home from the Hollywood Hospital and made as comfortable as possible in his own bed, he called Forbes W. Van Why, chief engineer of KMTR, on the telephone.

"Van," he said, "you can be knocked down any number of times, but you are never out until you, yourself, admit it. I may be down, but I'm not out. I want you to have the telephone company install a loop between KMTR and my bedroom. I'm going to continue to announce the night programs by remote control."

"O. K.," replied Van Why, "I see plainly that the water is really on the knee and not on the brain."

So, with the use of a Western Electric 13-C Amplifier and with the co-operation of the members of the staff of the artists of KMTR, Mr. Phelps is now directing the night programs of KMTR from his bed, miles from the main studio where the artists broadcast. And unless you were told about it you wouldn't know the difference. Everything sounds "as usual."

In a small lounging room adjoining the main studio of KMTR a loud speaker has been placed through which the artists are able to hear Mr. Phelps announce. As soon as he concludes an announcement the operator in the operating room switches from the microphone in Mr. Phelps' bedroom to the microphones in the studio and the artists start playing. Mr. Phelps listens to their work through a loud speaker, and the instant a number is finished, the operator switches back to Mr. Phelps, where, comfortably reclining in bed and surrounded by his wife and three little girls, he makes his next announcement.

"I have never liked radio work, because it has taken my husband away from home so much nights," Mrs. Phelps declared, "but now the problem has been solved. I never expect G. Allison to leave the house again at night."

"Humph!" grunted Mr. Phelps, philosophically, as he stared woefully at his plaster-of-paris leg—"now I have put my foot in it!"

BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 1032 North Ogden Dr. GRanite 9915.
For the Top Peak of performance

Gold Seal Radio Tubes

For that extra clearness, that added fulness of volume, and longer service without replacements, even the finest receiving set needs the best of tubes.

The Gold Seal mark on a tube is the guarantee of a company with great resources keeping faith with you to give you the fullest measure of satisfaction.

All Standard Types

Manufactured by
GOLD SEAL ELECTRICAL CO.
Incorporated
250 Park Ave. New York

WESTERN LIGHT & FIXTURE CO.
301 So. Los Angeles St.
Los Angeles, Calif.

"Money can't buy better Radio Tubes than Gold Seal"
FIRST PRIZE

DX Club:

Reckon as how I’ll have a shot at those free Gold Seal tubes. I wanted to state my purpose in writing, right off the bat, so that I may not be accused by jealous ones of boasting for the glory therein.

A month ago I purchased one of the old Radiolas—a two-tube, head phone set (Radiola 111), paying five “shekels” for the bare set. The completed set, including aerial and everything that I am now using, set me back about twenty “berries,” and those twenty “berries,” by the way, have turned out to be anything but “razz berries,” as I never got more for my dough anytime, anywhere. To get on with my delightful tale:

I live on a homestead, five miles by air line, to the nearest telephone line or to any other thing that might gum up the air. Here are a few of my most DXest stations: WBAP, WDAF, WLS, WLIB, WSM, WOAI, WBBM, KFEQ, WORD, KFNF, WHO, KMOX, KDKA, and KOCW, a 250-watt station at Chickasha, Oklahoma. I have taken these stations from my log which, for the most part, I have made up of stations whose programs come in clearly enough to be enjoyable. Many stations of the DX type I have not listed at all, among which is CNRV and others. I get all the coast stations at will. I am enclosing a copy of my log—one which I have made up more for good programs than for DX.

I don’t know what kind of tubes my set requires, but don’t think that a 201-A will do me any good, but if I win them, I can use ’em.

“BILL” MORROW,
Box 363, Romany Ranch,
Williams, Arizona.

SECOND PRIZE

DX Club:

I am a DX hound, and am using a 5-tube Valley Tone Radio.

I started in at 9:30 p.m., to 4:30 a.m., 7 hours of continuous tuning. I use CeCo tubes, they give good tone, and are whiz-dingers for distance.

I’m sending you my list. I hope you have room for it. All 46 stations came in on load speaker.

KYA, KOA, WBBM, KFWI, KGW, KMA, KFNF, KZR-2, KHQ, KSL, KWKH, KMO, KLZ, WEAN, WEAF, 2YK, CFAF, KFSF, KOB, KEGU, KQW, KFAD, KPO, 3LO, KOMO, KTAB, KLN, WSWS, KDKA, KOWW, KFXF, JOCK, CNRV, KFOA, KIN, KFWM, KMOX, KFWM, KSMR, KGO, KFBU, KFRC, KJR, WLIB, KMA, KDKL.

Believe me, I’m going to buy this set. Let’s hear from some more Valley Tone owners. I’m signing off.

HARRY WARD, JR.,
263 Ximeno Ave.,
Long Beach, Calif.

DX Club:

Well, DX weather is here again, and “us” hounds may as well make the most of it. Have a five-tube Sonora for the last three years, and it still is going strong. So far I have had 227 stations, all verified by either letter or stamp.

My log is as follows:

16 stations outside of U. S.
27 east of the Mississippi river.
141 west of the Mississippi river.
19 Chicago stations.

Am waiting for verification from JOAK, JOBK, 4QG, 1YA.

Yours truly,
A. R. SADLER,
Box 115,
Point Loma, Calif.
ELECTRIC RECEIVER
So Fine!—and So Convenient!

REVOLUTIONARY CONVENIENCE is the high-note of this Radio Season. Radio pleasure in your home can be as carefree as electric light.

Howard Radio ELECTRIC is the supreme example, for these wonderful sets are operated directly from the lighting circuit of the home. Intermediary batteries have been done away with. No charger is required. The new R.C.A. and Cunningham "AC" Tubes have made this possible. The Howard Radio ELECTRIC circuit has made it wonderfully practical. In table and console models, reasonably priced, the new Howard is Radio of the utmost refinement. Charming in design and craftsmanship. Amazingly wonderful in its rich, mellow reproduction of tone.

No Power Problem—Simply plug into the lighting circuit of your home at any socket supplying 110 volts, 60 cycle, alternating current.

No "Fussing"—No acids—No batteries to run down—No charger—No unsightly connecting wires.

Compact, Easy to Install—Just like plugging in your electric floor lamp—"Installation" of a Howard requires about Thirty Seconds!

Easy and Inexpensive to Operate—Single Dial Control—costs about 45 cents a month to operate five hours a day!

Think of the comfort—the convenience—the care-free pleasure this Radio holds for you!

Price $415.00

Manufactured by
HOWARD RADIO CO.
Chicago, Ill.

Distributed by
Howard Radio Distributing Co., Inc.
1236 Maple Ave.  WEstmore 2543  Los Angeles, Calif.
Formerly at 6229 Banner Place
QUESTION.—Just another request for a silent night in Southern California. We cannot all possess high priced sets nor afford to throw away our present equipment. The writer has an old Model 20 Atwater Kent, 5 tubes, Goslisco aerial and Preston ground. Last night, between 7 and 8:30, I had KDKA, KOIL, KWSC, KWKH, PWX and WBAP. Between 10 and 11:30, CNRV, KMOX, KOMO, WIBO, WLIV, KFOA and 3XN. All on loud speaker.

My weakest point seems to be the RF end, where I would like more selectivity. Would the use of an Isolator, as advertised in Radio Doings, give me sharper tuning? With a silent night once a week we could dial many more Eastern stations.

ALEX PETTEBONE, Pacoima, Cal.

ANSWER.—You are very much better off than thousands of others who live very much closer to the locals with the same selectivity. Your DX list is good and any means of increasing the selectivity without sacrifice in sensitivity and volume will, of course, bring you additional distant stations. Yes, the Isolator will materially increase your selectivity and would be a worthwhile addition to your present equipment.

Regarding the silent night proposition: It is doubtful if this will ever come to pass. There are two sides to the question, and we must not overlook the fact that the broadcasters as a majority do not derive any income from the sale of radio apparatus, but rather from the sale of their time on the air to advertisers. They have so many hours in which to do business, and giving up one night a week would materially cut into the revenue. If you were the proprietor of a grocery store, for example, you would probably not take very favorably to the idea of closing up shop one-seventh of your business hours, particularly so, if that one-seventh represented a loss in business which you could not possibly crowd into the other six-sevenths.

In other words, most of our broadcast stations are now running at a loss to the owners, and to cut into their revenue would seriously cripple them. The average set owner seems to have the opinion that when he buys a radio set, all broadcast stations promptly become under obligation to him. Such would be the case if the manufacturers of radio sets operated the broadcast stations, but only a very few stations are so operated.

QUESTION.—I have read announcement of the RCA of a new tube development, the tube having four elements instead of the usual three. What will be the particular function of this tube and what will be its effect upon present set design?—J. H. M., Pasadena.

ANSWER.—This is just another case of the normal, natural progress to be expected, and is not a "startling, revolutionary bombshell that will upset the industry." England has had four element tubes for many years; that is, tubes with double grids. The experimental work constantly going on in the research laboratories of the country will surely give us a constant improvement, but the industry has passed the stage

(Continued on Page 92)
An organization that took KNX by storm and is continuing to be the outstanding feature of the air is known as the Crockett’s Cowboys. This quartet, composed of a father and four sons, dropped in off the range from near Fresno and with their plaintive refrains and catchy tunes captured the listening audience.

The group enter the studio with ten-gallon hats and chaps and the atmosphere is truly of the cowboy nature. The motorman type hair-cut seems to prevail among the quintet.

Mr. Glen Dolberg and Paul Kepner are the latest additions to the staff of KHJ. Mr. Dolberg is the associate manager and comes from KEX, Portland, while Mr. Kepner is the musical director, and has already organized the KHJ symphony orchestra, which is doing some really worthwhile things.

Doris Duncan, the Hollywood Nightingale, who has scored such a success over KMTR, was recently in an automobile accident, which resulted in her having a very badly sprained ankle. However, this did not stop her aerial performance, as she knelt on a chair before the microphone and sang despite her pain and uncomfortableness.

Six months ago a young man appeared for an audition or tryout at KFRC, San Francisco. He had never seen a radio microphone before, and his musical schooling was about as limited as his technical knowledge of radio. In other words, he was a “green-horn” in every way.

Today this young man, Robert Olson, by name, is probably California’s outstanding radio tenors. Gifted with a perfectly “placed” voice, he has learned the trick of singing to “mike,” and has become famous almost over-night.

Blanch Cooper, former studio pianist at KGFJ, is again playing for Lou Parker every afternoon on Mr. Carden’s program.

The “Kings of Syncopation” managed by Mel Glass—and incidentally a San Francisco band, is being featured every Tuesday night, between 9 and 11, over KFQZ.

Santa Claus on the air! Beginning Friday evening, November 25, and continuing up to Christmas Eve, KFWB is broadcasting the doings of good friend Kris Kringle between the hours of 7 and 7:30 o’clock.

The program is to come by remote control from the merry old fellow’s workshop at the North Pole, and the sound of bells ringing and the usual testing of equipment that must necessarily go on before toys can be shipped to California, will be brought to the ears of children from six to six-thirty by Jack Cronshaw and his Toyland Symphonette.

(Continued on Page 92)
ALL-HENRY!


WINS FIRST PRIZE

Plays Havana, Cuba, Consistently

DX Club:
This is to tell you of some of the DX I have been playing with an ALL-HENRY SPECIAL.
Following are some of the stations played since the first of September:
WLIR, WGN, WBBM, WHT, WLW, KMOX, WBAP, WOAI, WFAA, KDKA, KWK, PWX.
I have played PWX at least ten times. This was all done on the loud speaker, with good volume. I have never used headphones. I will not enumerate the many western and northern stations I have had.
With cold weather coming on, I hope to log many more.
Yours truly,
OMER E. SUMMERS.

663 West Arden, Glendale, Calif.
Electrify Any Radio Set!

Runs Any Radio from Your Electric Current!

THE MARVELOUS NEW PHILCO Radio AB Socket Power

Get the Maximum pleasure from your radio set! Enjoy the luxury of electric operation afforded by a Philco Socket Power.

Automatic!

Your Radio Set Switch controls everything—your A & B Power as well as the radio itself. The elimination of dry cell expense frequently pays for the Socket Power in a year. Can be installed on any radio set.

SOLD ON EASY PAYMENTS

Ask and radio dealer regarding special allowance on your old storage "A" Battery
Buy Your

PHILCO

RADIO AB SOCKET POWER

FROM

J. M. Andrews Co.

The Original

Philco Sales & Service

1818 S. Grand Ave. WE. 9065 Los Angeles

$6.00 DOWN --- $6.00 MONTHLY

WE WILL GIVE YOU

$6.00 for Your Old Battery

Installed Free — Positively Guaranteed

FREE DEMONSTRATION

on Your Own Radio

Mail This Coupon Today

or

Phone WEstmore 9065

For Free Demonstration in Your Home

Also Headquarters For

ARBORPHONE AND
FREED-EISEMANN
RADIO
CECO TUBES
RAY-O-VAC BATTERIES
AUTOMOBILE STORAGE BATTERIES
## FREQUENCY CHANNEL LISTING

**250 Watts and up—Corrected to December 10th**

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<td>37-910-329.9</td>
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### References

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WALL PLATES
WIRE, Rubber Covered
WIRE, Magnet

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## Schedule of “DX” Stations

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## SUNDAY TIME TABLE

### SOUTHERN CALIFORNIA

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### NORTHERN AND WESTERN STATES

<table>
<thead>
<tr>
<th>Time</th>
<th>Station</th>
<th>Call Frequency</th>
<th>Wave Length</th>
<th>Power in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-12 A.M.</td>
<td>X (KGOA)</td>
<td>870 (447)</td>
<td>1000</td>
<td>Seattle</td>
</tr>
<tr>
<td>11-12 A.M.</td>
<td>X (CFAC)</td>
<td>890 (434)</td>
<td>2000</td>
<td>Calgary</td>
</tr>
<tr>
<td>12-1 P.M.</td>
<td>X (KJW)</td>
<td>880 (349)</td>
<td>2000</td>
<td>Seattle</td>
</tr>
<tr>
<td>1-2 P.M.</td>
<td>X (KOA)</td>
<td>920 (326)</td>
<td>5000</td>
<td>Denver</td>
</tr>
<tr>
<td>2-3 P.M.</td>
<td>X (KIN)</td>
<td>940 (319)</td>
<td>1000</td>
<td>Portland</td>
</tr>
<tr>
<td>3-4 P.M.</td>
<td>X (KMO)</td>
<td>980 (307)</td>
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<td>Seattle</td>
</tr>
<tr>
<td>4-5 P.M.</td>
<td>X (KOMO)</td>
<td>800 (308)</td>
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<td>Portland</td>
</tr>
<tr>
<td>5-6 P.M.</td>
<td>X (KXW)</td>
<td>880 (308)</td>
<td>1000</td>
<td>Honolulu</td>
</tr>
</tbody>
</table>

### OFFICIAL SILVER-MARSHALL SERVICE ON ALL S-M SETS

One stage of radio frequency ahead of the new S-M S-tube will eliminate all harmonics and give you a greater distance range. This set can be used on either aerial or loop. I have such a set on demonstration. Drop in and hear it.

**Expert Service also on Madison-Moore, Remler and Silver-Cockadey**

**JACK CHENEY** (Radio Laboratory Service)

1759 W. 39th, Los Angeles

OPEN EVENINGS

UNiversity 6088
## For Radiolas 20, 25 or 28--Sterling Power Team

### MONDAY TIME TABLE

<table>
<thead>
<tr>
<th>CALL</th>
<th>STATIONS</th>
<th>6-8 P.M.</th>
<th>8-10 P.M.</th>
<th>10-12 P.M.</th>
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</thead>
<tbody>
<tr>
<td>KXFM</td>
<td>Hollywood</td>
<td>10:00-8:00</td>
<td>7:00-6:00</td>
<td>5:00-4:00</td>
</tr>
<tr>
<td>KXFG</td>
<td>San Diego</td>
<td>11:00-11:00</td>
<td>8:00-7:00</td>
<td>6:00-5:00</td>
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<tr>
<td>KXFT</td>
<td>Las Vegas</td>
<td>00:00-00:00</td>
<td>20:00-20:00</td>
<td>00:00-00:00</td>
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### ADJUSTED TO PACIFIC TIME

- **X** indicates Station is On the Air

---

### SOUTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>CALL</th>
<th>STATION</th>
<th>6-8 P.M.</th>
<th>8-10 P.M.</th>
<th>10-12 P.M.</th>
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<tbody>
<tr>
<td>KPSN</td>
<td>Pasadena</td>
<td>10:00-8:00</td>
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<tr>
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<td>Santa Maria</td>
<td>00:00-00:00</td>
<td>20:00-20:00</td>
<td>00:00-00:00</td>
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<tr>
<td>KFBC</td>
<td>Burbank</td>
<td>10:00-8:00</td>
<td>7:00-6:00</td>
<td>5:00-4:00</td>
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<tr>
<td>KFCH</td>
<td>La Crescenta</td>
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<td>8:00-7:00</td>
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<tr>
<td>KXKC</td>
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<td>KFCD</td>
<td>Sta. Barbara</td>
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<td>7:00-6:00</td>
<td>5:00-4:00</td>
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<tr>
<td>KXKJ</td>
<td>Venice</td>
<td>11:00-11:00</td>
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<td>6:00-5:00</td>
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### NORTHERN CALIFORNIA

<table>
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<th>CALL</th>
<th>STATION</th>
<th>6-8 P.M.</th>
<th>8-10 P.M.</th>
<th>10-12 P.M.</th>
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<td>Sacramento</td>
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<td>11:00-11:00</td>
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<tr>
<td>KXKL</td>
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<td>7:00-6:00</td>
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<td>8:00-7:00</td>
<td>6:00-5:00</td>
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### NORTHERN AND WESTERN STATES

<table>
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<tr>
<th>CALL</th>
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<th>6-8 P.M.</th>
<th>8-10 P.M.</th>
<th>10-12 P.M.</th>
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<tbody>
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<td>KGW</td>
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<td>Seattle</td>
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<td>8:00-7:00</td>
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<tr>
<td>KXFOA</td>
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<td>00:00-00:00</td>
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<td>XKFH</td>
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<td>XKG</td>
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<td>8:00-7:00</td>
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A Sterling Demonstration Will be a Revelation

TUESDAY TIME TABLE

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<thead>
<tr>
<th>10-12 A.M.</th>
<th>12-2 P.M.</th>
<th>2-4 P.M.</th>
<th>4-6 P.M.</th>
<th>CALL</th>
<th>Frequency in Kilocycles</th>
<th>Wave Lengths</th>
<th>Station</th>
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SOUTHERN CALIFORNIA

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NORTHERN CALIFORNIA

<table>
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NORTHERN AND WESTERN STATES

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ADJUSTED TO PACIFIC TIME

(X) indicates Station is On the Air
## WEDNESDAY TIME TABLE

<table>
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<th>Stations</th>
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<th>Power in Watts</th>
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<tbody>
<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KXTR</td>
<td>570</td>
<td>500</td>
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<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KFI</td>
<td>840</td>
<td>600</td>
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<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KFSD</td>
<td>880</td>
<td>500</td>
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<td>12-2 P.M.</td>
<td>X</td>
<td>KHJ</td>
<td>720</td>
<td>500</td>
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<td>12-2 P.M.</td>
<td>X</td>
<td>KRC</td>
<td>800</td>
<td>500</td>
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<td>12-2 P.M.</td>
<td>X</td>
<td>KFWB</td>
<td>830</td>
<td>500</td>
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<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KNX</td>
<td>890</td>
<td>500</td>
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<tr>
<td>12-2 P.M.</td>
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<td>925</td>
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<td>12-2 P.M.</td>
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<td>KPSN</td>
<td>950</td>
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<tr>
<td>12-2 P.M.</td>
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<td>KFWO</td>
<td>1100</td>
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<td>12-2 P.M.</td>
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<td>1140</td>
<td>250</td>
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<td>KSG</td>
<td>1140</td>
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<tr>
<td>12-2 P.M.</td>
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<td>12-2 P.M.</td>
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<td>KFB</td>
<td>1120</td>
<td>250</td>
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<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KFOZ</td>
<td>1120</td>
<td>250</td>
</tr>
<tr>
<td>12-2 P.M.</td>
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<td>KFPO</td>
<td>1120</td>
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<td>12-2 P.M.</td>
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<td>1130</td>
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<tr>
<td>12-2 P.M.</td>
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<td>KFGH</td>
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<td>12-2 P.M.</td>
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<td>1120</td>
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<td>12-2 P.M.</td>
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<td>1150</td>
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<td>KGER</td>
<td>1150</td>
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<td>12-2 P.M.</td>
<td>X</td>
<td>KFCR</td>
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<td>KFWR</td>
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<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KFQ</td>
<td>1140</td>
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</table>

## NORTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
<th>Frequency</th>
<th>Wave Length</th>
<th>Power in Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KCLX</td>
<td>600</td>
<td>500</td>
</tr>
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<td>12-2 P.M.</td>
<td>X</td>
<td>KKFR</td>
<td>600</td>
<td>1000</td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KPO</td>
<td>710</td>
<td>1000</td>
</tr>
<tr>
<td>12-2 P.M.</td>
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<td>KGO</td>
<td>780</td>
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<td>KYA</td>
<td>900</td>
<td>500</td>
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<td>12-2 P.M.</td>
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<td>KQW</td>
<td>1100</td>
<td>200</td>
</tr>
<tr>
<td>12-2 P.M.</td>
<td>X</td>
<td>KTB</td>
<td>1120</td>
<td>200</td>
</tr>
<tr>
<td>12-2 P.M.</td>
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<td>KFW</td>
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<td>200</td>
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</table>

## NORTHERN AND WESTERN STATES

<table>
<thead>
<tr>
<th>Time</th>
<th>Stations</th>
<th>Frequency</th>
<th>Wave Length</th>
<th>Power in Watts</th>
</tr>
</thead>
<tbody>
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<td>1000</td>
</tr>
<tr>
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<td>KHO</td>
<td>610</td>
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</tr>
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<td>12-2 P.M.</td>
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</table>

*(X) Indicates Station is On the Air*
### A Sterling Demonstration Will be a Revelation

#### THURSDAY TIME TABLE

<table>
<thead>
<tr>
<th>Time</th>
<th>STATIONS</th>
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<tbody>
<tr>
<td>09-10 A.M.</td>
<td>08-10 P.M.</td>
</tr>
<tr>
<td>10-12 A.M.</td>
<td>08-10 P.M.</td>
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<tr>
<td>11-12 P.M.</td>
<td>08-10 P.M.</td>
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<td>12-01 P.M.</td>
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<td>12-02 P.M.</td>
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<td>12-05 P.M.</td>
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<td>12-06 P.M.</td>
<td>08-10 P.M.</td>
</tr>
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<td>12-07 P.M.</td>
<td>08-10 P.M.</td>
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#### SOUTHERN CALIFORNIA

<table>
<thead>
<tr>
<th>Call</th>
<th>Station</th>
</tr>
</thead>
<tbody>
<tr>
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<td>590</td>
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<td>KFRC</td>
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#### NORTHERN CALIFORNIA

<table>
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<th>Station</th>
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#### NORTHERN AND WESTERN STATES

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# FRIDAY TIME TABLE

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**SOUTHERN CALIFORNIA**

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**NORTHERN CALIFORNIA**

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<th>Call</th>
<th>Frequency (in Kilocycles)</th>
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**NORTHERN AND WESTERN STATES**

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Adjustment to Pacific Time (X) indicates station is on the air.
A Sterling Demonstration Will be a Revelation

SATURDAY TIME TABLE  
(X) Indicates Station Is On the Air
ADJUSTED TO PACIFIC TIME

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<th>CALL</th>
<th>Frequency in Kilocycles</th>
<th>Wave Lengths</th>
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SOUTHERN CALIFORNIA

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</table>
Right now, when eastern stations are coming in nightly for radio owners whose receivers are operating at highest efficiency, you'd appreciate the improved reception made possible by the Preston Permanent Radio Ground. Everyone who has ever tried it recommends it as the greatest radio accessory ever developed. Radio KNX, Los Angeles, recently installed a mammoth Preston Ground for their broadcast equipment . . . other stations are contemplating the installation of similar "made to order" Preston grounds.

Get a Preston Ground from your dealer today. Try it 15 days on our earnest recommendation. Then, if not satisfied, return it to the dealer from whom you purchased it. He is authorized to refund you the full purchase price without question.

What could be fairer than that . . . what could more convincingly demonstrate our faith in the merits of the Preston Ground?

UNGAR & WATSON, INC.
Manufacturers
1366 South Figueroa St. Phone WESTmore 2411

THE SEROY COMPANY
Distributors Northern California, Oregon, Washington
122 Broadway, OAKLAND, Calif.
The Year Round Christmas Gift For the Whole Family!

Stewart-Warner Matched Unit Radio has everything to recommend it that you can find in any other radio equipment . . . plus many features that are exclusive Stewart-Warner developments.

The Stewart-Warner Corporation, with the experience gained during 20 years in the manufacture of precision electrical and magnetic devices, has thrown its entire resources into the production of Matched Unit Radio. Step into your nearest Stewart-Warner dealers . . . examine Matched Unit Radio . . . hear it in a residence demonstration that can be easily arranged. Then you'll realize just how much radio performance has been built into this handsome equipment.

The model pictured is the 520 Console that sells for $130 without accessories. You can hear it in your home. Phone us for details.

UNGAR & WATSON, Inc.
Wholesale Distributors Stewart-Warner Radio
1366 South Figueroa St. WESTmore 2411 LOS ANGELES
Los Angeles, California—640 Kc.

KFI

ROBERT HURD

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

10:00 a.m.—Services, direction of L. A. Church Federation.
5:30 p.m.—N. B. C. Crosley Radio Corporation broadcast over P. C. N.
6:30 p.m.—N. B. C. Standard Oil program, Standard Symphony Orchestra over P. C. N.
7:30 p.m.—Father Ricard's Sunspot Weather forecast.
7:30 p.m.—Bob Buckner and his Sole Killers.
8:00 p.m.—N. B. C. program over P. C. N.
10:00 p.m.—Bill Funk and his Packard Six Orchestra.

MONDAY, DECEMBER 12

5:30 p.m.—Leon Rene and his Southern Syncopaters.
6:15 p.m.—George Wilder Cartwright.
6:30 p.m.—Gamut Male Quartet.
7:00 p.m.—Gene Johnston's Music Box Hour.
8:00 p.m.—N. B. C. program over the P. C. N.
9:00 p.m.—Matinee Musical Club program.
10:00 p.m.—Metropolitan Dance Orchestra.

TUESDAY, DECEMBER 13

5:30 p.m.—The Dragon Hawaiians.
6:00 p.m.—Florence Sanger, Piano Moods.
6:15 p.m.—Prof. Carl S. Knopf.
6:30 p.m.—Glenn Edmunds and his Collegians.
7:00 p.m.—L. A. Fire Dept. Orchestra.
8:00 p.m.—Cecil R. McFarland, bass bari-tone.
8:30 p.m.—N. B. C. U. S. Playing Card Co. Bridge Game, over P. C. N.
9:00 p.m.—N. B. C. National Carbon Co., Eveready Hour, over P. C. N.

WEDNESDAY, DECEMBER 14

10:45 to 11:05 a.m.—Betty Crocker, Gold Medal Talks.
5:30 p.m.—Sebastians Cotton Club Orchestra.
6:15 p.m.—Dr. H. Edward Meyers.
6:30 p.m.—Hal Chasnoff's Orchestra.
7:30 p.m.—Nick Harris, Detective Stories.
7:45 p.m.—William MacDougall, Scotch entertainer.
8:00 p.m.—California Petroleum Corporation.
9:00 p.m.—N. B. C. program over P. C. N.
10:00 p.m.—Winifred Hooke, concert pianist.
10:30 p.m.—Nellie Callender Mills, violinist; Irene Dalton, pianist.

THURSDAY, DECEMBER 15

5:30 p.m.—Vernon Elkins' Dixieland Orchestra.
6:15 p.m.—Police Commissioner Thorpe.
6:30 p.m.—Henry Starr, popular vocalist and pianist.
7:00 p.m.—Program by University of Southern California.
8:00 p.m.—N. B. C. California Petroleum Corporation over P. C. N.
9:00 p.m.—N. B. C. Henry Starr and his Musical Comets, Silverton Ladies' Quartet.
10:00 p.m.—Program of modern classical music; Purcell Mayer in violin classics.

FRIDAY, DECEMBER 16

10:45 to 11:05 a.m.—Betty Crocker, Gold Medal Talks.
5:30 p.m.—Program by Eugene Biscailuz; Bill Kuehl, tenor, ballads! Urban Thielman, pianist.
6:00 p.m.—Florence Sanger, piano moods.
6:15 p.m.—Griffith Jones, Raditorial Period.
6:30 p.m.—Norma West, ballads of all lands.
7:00 p.m.—Paul Roberts program.
8:00 p.m.—N. B. C., Wrigley program, over P. C. N.
9:00 p.m.—N. B. C., Memory Lane, over P. C. N.
10:00 p.m.—Shirley Mirkin, European pianist; Carl Zepf, violinist.

SATURDAY, DECEMBER 17

5:30 p.m.—Strangers Social Club Orchestra.
6:15 p.m.—Francis Sullivan, Literary Talks.
6:30 p.m.—Tarvin Sisters, Harmony singers.
7:00 p.m.—Wilfred Fletcher, tenor; Vernon Arvey, concert pianist.
8:00 p.m.—N. B. C. program over the P. C. N.
9:00 p.m.—N. B. C., Philadelphia Storage Battery Co. over the P. C. N.
10:00 p.m.—Packard program; Ed. C. Crossman, contrafoo.
11:00 to 2:00 a.m.—KFI Midnight Frolic; L. A. Fire Dept. Orchestra.
Get Your GILFILLAN Radio for CHRISTMAS
from one of these authorized dealers

ANAHEIM—Cerverly Radio Dan
BEVERLY HILLS—Store
Music Co.
CHULA VISTA—Bryant Auto
Electric Co.
CORONADO—Bechtel Bros.
EL CENTRO—Bucko & Maltland
ENSIGN-B. L. Burgess
ENCLAVE—F. E. Hudson
EXETER—Miller Drug Co.
FREDINA—Cook's Music Shop,
Fullerton—Nipomo music Co.
GLENDALE—Huckins & Sons
music store
HUNTINGTON PARK—Eliot &
Teuman's Music Shop
INGLEWOOD—Reliable Radio
Sales & Service
KERN—Kerman Hounds, Co.
LA ORAN—L. U. Vosell
LONG BEACH—Barker Bros., Inc.
LOS ANGELES
Allen Purcell Elec Co, 1236 N. Vine St.
American Music Co., 359 No. Main St.
Associated Radio Service Company
4156 Beverly Blvd.
Barker Bros., Inc.
Sewell and Figueroa Sts.
Barker Bros. Inc.
6834 Hollywood Blvd.
Bertrand's Radio Shop
1167 Cypress Ave.
Bullecke's
Seventh and Broadway

California Piano Co., 2251 Venice Blvd.
Chapman House Sales Co., 4138 So. Figueroa St.
Davis Radio Co., 2337 So. Main St.
Daynes Music Co., 4638 Whittier Blvd.
Forum Music Co., 1270 N. Beverly Ave.,
H. & R. Radio Co., 2910 West 8th St.
Heath Electric Co., 1620 No. Western Ave.
Henkel Electric Co., 240 So. Western Ave.
Hollywood Electric Shop
5032 Pasadena Ave.
chos. A. Holland Elec. Co.,
2003 No. Broadway
C. R. Hustvedt
7200 Sunset Blvd.
H. L. Jackson
5117 Hollywood Blvd.
La Brea Electric Co.,
5922 Wilshire Blvd.
Larchmont Radio Elec. Co.,
1376 No. Larchmont Blvd.
Ray Lyons Radio Shop
1611 E. Florence Ave.
Main-Radio
7846 Santa Monica Blvd.
Menarch Radio Co.
Washington and Western
C. V. Myers
4206 W. Washington St.
Norton Radio Co.
4018 W. 10th St.
Radio Electric Shop
1428 W. Santa Barbara

Tufts-Lyon Arms Co.,
609 No. Olive St.
H. H. Walker—Electroglst
1315 Venice Blvd.
West Adams Radio Elec. Company
1717 West Adams St.
Young's Radio Co.,
516 W. Santa Barbara St.
LOS BANOS—West Side Electric
MERCED—Lee Bros.
MOJAVE—Lee Bros.
NATIONAL CITY—national
Radio Co.
OJAI—Hickey Brothers
ONTARIO—Ontario Radio Shop
PASADENA
Arthur J. Fairley
1200 No. Fair Oaks
Gibbels Radio Shop
251 N. Lake Ave.
Pasadena Music House
87 E. Colorado
POMONA—Scowartz & Helmer
PUH—Ludwig Drug Co.
PORTERVILLE—Jones Drug Co.
PUENTE—H. P. Gerken
RAVEN—J. C. Ferguson
REEDLEY—David Radio Shop
RIVERSIDE—Riverside Music Co.
SAN BERNARDINO—Accessory
Service Co.
SAN DIEGO—H. E. Jops, Kinney
Washington Bros.
SAN LUIS OBISPO—Merrifield
Music Co.
SANTA ANA—B. F. Chandler
Music Store.
SANTA MARIA—Broadway Bat-
tery & Elec. Co.
SANTA MONICA—Arthur E.
Jackson Music Company
SELMA—Selma Drug Co.
SUWIR PASAUKENA—Radio
Electric Shop
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Sunday, Dec. 11—5:30 to 6:30 P. M.
The Crowley Moscow Art Orchestra, under the direction of Max Dolin. Included in this well-balanced program of semi-classic music arranged in popular concert form are such numbers as Von Suppe’s overture, “Beautiful Galathia”, and selections from Bizet’s opera, “Carmen.” The outstanding selection of the hour will be a violin solo, “Meditation,” from Thais.

Sunday, Dec. 11—6:30 to 7:30 P. M.
The Standard Symphony Orchestra will present another of its Sunday programs. This weekly feature, sponsored by the Standard Oil Company offers music lovers a variety in classic and concert selections.

Sunday, Dec. 11—9:00 to 10:00 P. M.
Another “Great Moment in History” will be presented tonight. This popular presentation brings weekly an intimate story of the incidents surrounding some great historical character or event. Tonight the National Players, under the direction of William Rainey, will re-enact the story of “The Constitution.”

Monday, Dec. 12—8:00 to 9:00 P. M.
The magic beam of the Spotlight will play on the orchestra while it presents such numbers as the popular “Hallelujah” from “H.I.T. the Dock” and selections from “The Royal Vagabond.” The vocal soloists, Eileen Piggott, Gwynfi Jones and William Rainey, will be heard in several numbers.

Tuesday, Dec. 13—8:30 to 9:00 P. M.
The Seventh Auction Bridge Game will be broadcast. This weekly feature is sponsored by the United States Playing Card Company and offers the home an opportunity to follow the game as played by experts.

Tuesday, Dec. 13—9:00 to 10:00 P. M.
The Eveready Hour.
Two programs have been prepared—the first for the original popular jazz and novelty Eveready Orchestra with saxophones, muted brasses and banjos, playing revised versions of classics, semi-classics and popular music.
The second program features a standard concert orchestra such as you have heard for the last two weeks, playing the classics and noted concert selections.

If the vote indicates a preference for the modern jazz and light concert favorites, program No. 1 will be used, while if the majority favor a conventional concert orchestra program No. 2 will be heard.

Tuesday, Dec. 13—10 to 11 P. M.
“Little Speck in Garnered Fruit,” by O. Henry, is the Retold Tale to be presented. The story is one of love, a very unconventional love story, inasmuch as it concerns a bride and groom. The groom is none other than K. O. Kid McGarry, famous world champion welter-weight. The bride is the most beautiful, adorable little woman the kid has ever met, and her slightest whim is his command.

Wednesday, Dec. 14—9 to 10 P. M.
The National Broadcasting Company Vagabonds who, weekly, take you with them on their musical excursions over the United States in search of pleasure and adventure, will transport you to the Rio Grande in Texas tonight. This hour, “Down by the Rio Grande,” will be introduced by what is probably the first music heard in the great Empire of the Southwest—an Indian chant, with tom-toms beating and war cries resounding.

Thursday, Dec. 15—9 to 10 P. M.
A program of Negro music, featuring Henry Starr and his Musical Comets and the Silver-tone Ladies’ Quartette, will be broadcast from the Los Angeles Studio.

Friday, Dec. 16—9 to 10 P. M.
The Hour in Memory Lane is entitled “The Family Reunion.” This program strikes the home note with ballads, songs and orchestral selections woven about wholesome family sentiment, such songs as people sing where there’s nobody around but home crowd. One of these is “Oh, That We Two Were Maying,” by Ethelbert Nevin.

Saturday, Dec. 17—8 to 9 P. M.
The R. C. A. Orchestra and vocal soloists will bring to Pacific Coast Network listeners another excellent variety program. The old-fashioned music box will furnish the background for the R. C. A. poem, the reading of which marks the opening and closing of the hour.
9 to 10 P. M.—Philco Hour. The weekly program of the Philadelphia Storage Battery Co.

Saturday Night Dance Period—10 P. M. to 12 M.
Beginning Saturday, December 17, the National Broadcasting Company will present another new feature over the Pacific Coast Network. This special attraction fills a definite want and promises listeners diversified entertainment such as is seldom offered over the air.
The Jensen Dynamic Cone Radio Loudspeaker is like a highly polished mirror—reflecting with exact life-likeness all the colors, shades and variations of the living object without adding or taking anything away from the original. It has no characteristic tones of its own. Its design enables it to reproduce all sounds audible to the human ear with equal fidelity. Its tonal range is the greatest ever achieved in a radio loud speaker.

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WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

10:00 a.m.—Studio sermon, Dr. Ralph Atkinson.

10:30 a.m. to 12:00 noon—First Methodist Episcopal Church, morning services.
7:00 to 8:00 p.m.—First Methodist Episcopal Church, evening services.
8:00 to 9:00 p.m.—KHJ Concert Orch.
9:00 to 10:00 p.m.—Classic hour, KHJ Concert Orchestra.

MONDAY, DECEMBER 12

12:30 to 1:30 p.m.—Stock market, news items, musical features, weather report and announcements.
6:00 to 6:45 p.m.—Dinner music.
6:45 to 7:00 p.m.—News items.
7:00 to 8:00 p.m.—Music Review KHJ Quartette, Ray and Jim.
8:00 to 9:00 p.m.—Government Frost Reports, followed by KHJ Concert Orchestra.
9:00 to 10:00 p.m.—Classic hour.

TUESDAY, DECEMBER 13

12:00 to 1:30 p.m.—News bulletins, stock market reports, musical features, weather report and announcements.
6:00 to 6:15 p.m.—Music.
6:15 to 6:30 p.m.—Health talk, Dr. Frank McCoy.
6:30 to 6:45 p.m.—Music.
6:45 to 7:00 p.m.—News bulletins.
7:00 to 8:00 p.m.—Los Angeles Police Quartette, Public Safety Talk, soloists.
8:00 to 9:00 p.m.—Government Frost Reports, followed by KHJ Concert Orchestra and Soloists.
9:00 to 10:00 p.m.—Music Review, Studio Orchestra, Dare Sisters.

WEDNESDAY, DECEMBER 14

12:30 to 1:30 p.m.—Stock market, news items, musical features, weather report and announcements.
2:30 to 3:00 p.m.—“Garden Talk” by Fred C. McNabb.
6:00 to 6:15 p.m.—Music.
6:15 to 6:30 p.m.—J. R. Keough, Deputy County Auditor, Resume of Foregoing Talks.
6:30 to 6:45 p.m.—Music.

8:00 to 9:00 p.m.—Government Frost Reports, followed by popular concert review.

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6:45 to 8:00 a.m.—Cold Seal early bird exercises, courtesy of Sanitary Gold Seal Dairy.
8:00 a.m.—Inspirational talk and morning prayer.
8:55 a.m.—Time Signals from Washington, D. C., followed by Birthday Notices.
9:00 a.m.—Radio Shopping News, conducted by Carrie Preston Rittmeister.
10:00 a.m.—Town Crier of the Day’s morning message.
10:30 a.m.—Kate Brew Vaughan, director Household Economics Department, Evening Express, except Friday and Saturday.
12:00 noon—Musical program.
12:30 p.m.—W. F. Alder Travelogue.
1:30 p.m.—The Bookworm.
2:00 p.m.—Musical program.
3:00 p.m.—C. P. R.’s musical program.
4:15 p.m.—Lost and Found announcements.
4:25 p.m.—Market reports.
5:00 p.m.—“Own Your Own Home,” by Chet Mittendorf.
5:45 p.m.—“Amusement Tips.”
6:00 p.m.—Biltmore Hotel Orchestra, broadcast from the Biltmore Dining Room.
6:30 p.m.—Dinner hour concert, directed by Paul Finstein.

DAILY EXCEPT SUNDAY AND TUESDAY—
10:00 p.m.—Earl Burtnett’s Biltmore Hotel Orchestra (except Tuesday and Friday).
11:00 p.m.—Hotel Ambassador: Gus Arinheim’s Coconut Grove Orchestra.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
10:00 a.m.—First Presbyterian Church of Hollywood.
2:00 to 4:00 p.m.—City Park Board musical program.
4:00 p.m.—Roberts’ Golden State Band.
6:30 p.m.—Hollywood Unitarian Church.
7:00 p.m.—First Presbyterian Church of Hollywood.
8:00 p.m.—Circle Theater Concert Orchestra, courtesy Electric Lighting Supply Co.
9:00 p.m.—Calmon Luboviski, master violinist; Claire Mellinino, pianist.

MONDAY, DECEMBER 12
11:00 a.m.—French lessons by Edgard Leon.
2:30 p.m.—“Human Nature,” by William Benton.
4:30 p.m.—Little Jean and the Town Crier.
6:45 p.m.—Gene Leonard.
7:00 p.m.—Feature program.
7:30 p.m.—One-act play by the KNX players, under direction of Georgia Fifeild, courtesy Overell Furniture Co.
8:00 p.m.—Feature program.

TUESDAY, DECEMBER 13
11:00 a.m.—French lessons by Edgard Leon.
12:45 p.m.—Advertising Club Luncheon.
4:00 p.m.—Little Joyce Coak, movie star.
7:00 p.m.—Feature program.
7:30 p.m.—The Steinway Duo-Art.
8:00 p.m.—Earl Burtnett’s Biltmore Hotel Orchestra.
9:00 p.m.—Grauman’s Chinese Theater, courtesy program.
9:30 p.m.—Feature program.
10:00 p.m.—Hotel Ambassador, Gus Arnheim’s Coconut Grove Orchestra.

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11:00 a.m.—First Presbyterian Church of Hollywood.
2:00 to 4:00 p.m.—City Park Board musical program.
4:00 p.m.—Roberts’ Golden State Band.
6:30 p.m.—Hollywood Unitarian Church.
7:00 p.m.—First Presbyterian Church of Hollywood.
8:00 p.m.—Circle Theater Concert Orchestra, courtesy Electric Lighting Supply Co.
9:00 p.m.—Calmon Luboviski, master violinist; Claire Mellinino, pianist.

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December 10

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DAILY EXCEPT SUNDAY—
10:00 to 10:30 a.m.—Air Circus, except Thursday.
10:30 a.m.—Aunt Sammy Talks, except Saturday.
11:45 to 12:30 p.m.—Shopping Directory.
12:30 to 1:30 p.m.—Who's Who.
1:30 to 2:30 p.m.—Classified Hour.

MONDAY, DECEMBER 12
9:45 to 10:00 a.m.—Talk by a diet specialist.
7:00 to 7:20 p.m.—Robert Cheatham, baritone; Lucille Scott, pianist.
7:20 to 7:50 p.m.—Musical Program.
8:00 to 9:00 p.m.—Leon Belasky's Concert Quartet.
9:00 to 10:00 p.m.—June Parker, blues songs; Warner Bros. Hawaiian Trio.

TUESDAY, DECEMBER
7:00 to 7:30 p.m.—Musical Program.
7:30 to 8:00 p.m.—Thirty minutes of sunshine by Charlie Hamp, courtesy of Strasska Laboratories.
8:00 to 9:00 p.m.—Program, featuring David Percy, baritone; Jack Cronshaw's Concert Orchestra.
9:00 to 10:00 p.m.—The Landry-Dooley Orchestra.

WEDNESDAY, DECEMBER 14
9:45 to 10:00 a.m.—Talk by a diet specialist.
2:40 to 4:45 p.m.—The Landry-Dooley Orchestra.
7:00 to 7:50 p.m.—Program presented by Radio Doings, featuring Audrey Davis in ballads; Glenn Edmunds and his colleagues.
8:00 to 9:00 p.m.—Emma Kimmel, soprano; Cyril Codwin's Concert Trio.

4:45 to 5:15 p.m.—Air Circus.
5:15 to 5:45 p.m.—Radio Review.
5:45 to 6:00 p.m.—Town Tattler.
6:00 to 7:00 p.m.—Dinner Hour Concert.
7:15 to 8:00 p.m.—Daily News, except Saturday.
10:00 to 11:00 p.m.—Dance program.
11:00 to 12:00 midnight—Dance music.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
7:30 to 7:50 p.m.—Musical Program.
2:20 to 2:40 p.m.—Spanish Program.
7:50 to 8:00 p.m.—Daily News.
8:00 to 9:00 p.m.—Light Opera Program.
9:00 to 9:10 p.m.—Daily News.
9:10 to 10:00 p.m.—Ann Grey, blues songs; Warner Bros. Dance Orchestra.

THURSDAY, DECEMBER 15
4:15 to 4:45 p.m. — Los Angeles Police Quartet.
7:00 to 7:20 p.m.—Musical Program.
7:20 to 7:50 p.m.—Program by courtesy of the Elec-True-Tone Corporation.
8:00 to 9:00 p.m.—Charlotte Du Lovelace, blues songs; Warner Bros. Hawaiian Trio.
9:00 to 10:00 p.m. — Charles Beauchamp, tenor; Louise Sullivan's Trio.

FRIDAY, DECEMBER 16
4:15 to 4:45 p.m.—A. T. Rainey, Psychic.
7:00 to 7:30 p.m.—Program presented to the school children of Los Angeles, featuring Santa Claus, by remote control, direct from his workshop at the North Pole.
7:30 to 7:50 p.m.—Vernon Rickard, tenor; Don Warner, pianist; by courtesy of Floyd's Toy Shops.
8:00 to 9:00 p.m.—Ann Grey, blues songs; The Hollywood Serenaders.
9:00 to 10:00 p.m.—Archies Ruggles, tenor; Warner Bros. Concert Quartet.

SATURDAY, DECEMBER 17
2:30 to 3:45 p.m.—Harry Owens and his orchestra.
3:45 to 4:45 p.m.—The Landry-Dooley Orchestra.
7:00 to 7:30 p.m.—A one-act play presented by the Playshop Players.
7:30 to 8:00 p.m.—Illustrated Daily News program.
8:00 to 9:00 p.m.—Program, featuring the MonaMotor Oilers; Lilyan May Challenger, contralto.
9:00 to 10:00 p.m.—The Landry-Dooley Orchestra.

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DAILY EXCEPT SUNDAY—
7:00 to 7:30 a.m.—Setting-up exercises by Professor Barclay L. Severns.
7:30 to 8:30 p.m.—Louise Howatt's Hour of Happiness.
8:45 to 9:00 a.m.—Time signals from Washington, D. C. and musical numbers.
9:00 to 10:00 a.m.—Sylvia, the Blind Cook (except Wednesday and Friday).
11:00 a.m. to 12:00 noon—"Don't Go 'Way, Folks," Hour, directed by Charlie Wellman.
12:15 to 12:30 p.m.—Weaver-Jackson Beauty Hints.
12:30 to 1:00 p.m.—Rose Russell's LuncheonBulletins.
1:30 to 2:30 p.m.—KMTF Press Agent Hour.
4:30 to 5:00 p.m.—Certified Air Bulletin.
5:30 to 6:00 p.m.—White King Male Quartet and Mona Content, concert pianist.
6:00 to 6:15 p.m.—Nightly Doings.
6:15 to 6:45 p.m.—Dinner hour program, featuring the Marguerite Le Grand Trio.
6:45 to 7:30 p.m.—Fitzgerald Music Company courtesy program, featuring Ampico and Panatrope.
10:00 to 11:00 p.m.—Miller's Cafe Lafayette Dance Orchestra, Ray West, director.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
5:30 to 6:15 p.m.—White King Male Quartet and Mona Content.
6:15 to 6:30 p.m.—Nightly Doings.
6:30 to 7:00 p.m.—Burr McIntosh.
7:00 to 8:00 p.m.—Miller's Cafe Lafayette Concert Orchestra.
8:00 to 10:00 p.m.—Loren Powell's Little Symphony and Assisting Artists.

MONDAY, DECEMBER 12
5:15 to 5:30 p.m. —Chiropractic Health Talk.
7:30 to 8:00 p.m.—Charles Hamp, courtesy Dr. Strasska's Tooth Paste.
8:00 to 10:00 p.m.—Courtesy Program.

TUESDAY, DECEMBER 13
10:00 to 11:00 a.m.—Hair-A-Gain Program.
3:30 to 4:00 p.m.—L. A. Police Quartette.
5:15 to 5:30 p.m.—Talk on health.
7:30 to 8:00 p.m.—"Ask Me Another," under the direction of Edward Murphy.
8:00 to 9:00 p.m.—The Maxwell House Coffee Orchestra and artists.
9:00 to 10:00 p.m.—C. E. Toberman Co., courtesy program.

WEDNESDAY, DECEMBER 14
9:30 to 10:00 a.m.—Travel Talk.
1:00 to 1:30 p.m.—Hollywood Chamber of Commerce courtesy program.
5:15 to 5:30 p.m. —Chiropractic Health Talk.
7:30 to 8:00 p.m.—KMTF Players, in a one-act play.

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1:00 to 2:00 p.m.—Baron Keyes Diversities.
3:00 to 4:00 p.m.—Palais de Dance by remote control, featuring Ralph Markay and his Musical Keys.
4:00 to 4:30 p.m.—Bulletin—Health Commissioner Dr. Geo. Parrish.
4:00 to 4:30 p.m.—Records, through courtesy of Barker Bros.
4:30 to 5:00 p.m.—Air Castle.
5:00 to 6:00 p.m.—Sundown Frolic, conducted by Baron Keyes.
6:00 to 7:00 p.m.—Dinner Hour Program, featuring the White King Quartet and Mission Bell Orchestra, through courtesy of Los Angeles Soap Co.
7:00 to 7:05 p.m.—Sports Review from the “Referee.”
7:05 to 8:00 p.m.—KPLA Orchestra and other KPLA artists.
10:00 to 11:00 p.m.—Palais de Dance by remote control, featuring Ralph Markay and his Musical Keys.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
7:30 to 8:00 p.m.—Dr. David Edstrom, Art Lecture.
8:00 to 10:00 p.m.—KPLA Orchestra; Leigh Harline, Red Wyatt, Billy Barron.
MONDAY, DECEMBER 12
5:00 to 5:30 p.m.—Spanish Course, by Dr. Wm. F. Rice, R. A. Ramirez, F. Piera Gamba, Antonio Herras, Prof. Henry C. Niesa.
7:00 to 8:00 p.m.—Nunez Trio.
8:00 to 9:00 p.m.—Ida Schutz, soprano; Coral Atkin, pianist; Fred Clint, violinist.
9:00 to 10:00 p.m.—Hal Chasnoff String Ensemble, Mabel Lenahan.

TUESDAY, DECEMBER 13
7:00 to 8:00 p.m.—Dresden Trio.
8:00 to 8:30 p.m.—Bob Harker and Tod Watterman in Banjo Duets.
8:30 to 9:30 p.m.—Virginia McCoy and studio program.
9:00 to 9:30 p.m.—Bert Fahnquason, Frankie Melowe, Wildred Procter.
9:30 to 10:00 p.m.—Round by round returns of the main event from Olympic Auditorium, by remote control.

WEDNESDAY, DECEMBER 14
5:00 to 5:30 p.m.—Spanish Course, by Dr. Wm. F. Rice, R. A. Ramirez, F. Piera Gamba, Antonio Herras, Prof. Henry C. Niesa.

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KFSG

DAILY EXCEPT SUNDAY AND MONDAY—
10:30 to 11:30 a.m.—Sunshine Hour.
11:30 a.m. to 12:30 p.m.—Noonday Musical.
12:30 to 1:30 p.m.—Grey Studio Program, except Wednesday.
6:30 to 7:30 p.m.—Angelus Hour.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
10:30 a.m. to 12:30 p.m.—Sunday morning worship, Aimee Semple McPherson.
2:30 to 4:40 p.m.—Sunday afternoon, Dispensational, Aimee Semple McPherson.
6:30 to 9:30 p.m.—Revival Service, Aimee Semple McPherson.
10:00 to 11:00 p.m.—Organ Recital, Esther Fricke Greene.

TUESDAY, DECEMBER 13
3:30 to 4:30 p.m.—Vesper Hour.
7:30 to 9:15 p.m.—Evangelistic Service.
Evangelist John Goben.

WEDNESDAY, DECEMBER 14
2:30 to 4:30 p.m.—Divine Healing Service.
Aimee Semple McPherson.
7:30 to 9:30 p.m.—Regular Midweek Prayer Service, Aimee Semple McPherson.

THURSDAY, DECEMBER 15
3:30 to 4:30 p.m.—Vesper Hour.
7:30 to 9:15 p.m.—Water Baptismal Service, Aimee Semple McPherson.
9:15 to 10:00 p.m.—Grey Studio program.
10:00 to 11:00 p.m.—Organ Recital, Esther Fricke Greene.

FRIDAY, DECEMBER 16
3:30 to 4:30 p.m.—Vesper Hour.
7:30 to 9:30 p.m.—Crusader Rally, Aimee Semple McPherson.

SATURDAY, DECEMBER 17
3:30 to 4:30 p.m.—Children's Happy Hour.
7:30 to 9:30 p.m.—Divine Healing Service.
Aimee Semple McPherson.

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Los Angeles, California—1040 Kc.

KTBI

DAILY EXCEPT SATURDAY AND SUNDAY—
8:45 to 9:15 a.m.—Devotional Hour.
2:00 to 3:00 p.m.—Inspirational Hour, except Monday.
8:00 to 9:00 p.m.—Biblical Exposition (except Mon. and Friday).

DAILY EXCEPT FRIDAY AND SUNDAY—
7:15 to 8:00 p.m.—Aunt Martha's Children's Hour.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

10:45 a.m. to 12:30 p.m.—Regular service of the Church of Open Door.
3:00 to 4:00 p.m.—Jewish Radio Hour.
6:00 to 7:00 p.m.—Radio Vesper Service.
7:15 to 8:30 p.m.—Regular evening service of the Church of the Open Door.

MONDAY, DECEMBER 12
2:30 to 3:00 p.m.—Monday Club. Special speaker. Music.

8:00 to 9:00 p.m.—Mexican program.

FRIDAY, DECEMBER 16
6:15 to 7:00 p.m.—Aunt Martha's Children's Hour.
7:00 to 8:00 p.m.—Exposition of International Sunday School lesson.
8:00 to 9:00 p.m.—Program presented by the Gideons.

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ALLAN FAIRCHILD, Program Director and Announcer
L. E. TAFT, Technical Engineer
WALTER KING, General Manager

DAILY EXCEPT SUNDAY—
12:00 to 1:00 p.m.—Panatrope entertainment.
5:00 to 6:00 p.m.—Booster Hour, courtesy So. Cal. Mfra. Exhibit.
6:00 to 7:00 p.m.—Panatrope Dinner Hour, courtesy Barker Bros.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
7:00 to 8:00 p.m.—Atkins Saxophone Ensemble; Madge McConnell, soloist.
8:00 to 9:00 p.m.—Columbia Viva Tonal Records.
9:00 to 11:00 p.m.—Lou Goldwater MONDAY, DECEMBER 12
7:00 to 8:00 p.m.—Calawaila Hawaiian Trio.
8:00 to 9:00 p.m.—Hollywood Pals.
9:00 to 10:00 p.m.—Myra Bell Vickers
10:00 to 11:00 p.m.—Jack Lee’s Orchestra.
TUESDAY, DECEMBER 13
7:00 to 7:30 p.m.—Virginia Robere,
7:30 to 8:00 p.m.—Lucia Ruiz Jay,
8:00 to 9:00 p.m.—Beverly Playboys;
9:00 to 11:00 p.m.—Mel Class and his Kings of Syncopation.
WEDNESDAY, DECEMBER 14,
7:00 to 8:00 p.m.—Clint Stevenson’s Hawaiian Trio.
8:00 to 9:00 p.m.—Brandy and his White Ballroom Orchestra.
9:00 to 10:00 p.m.—Joe Edmiston, pianist;
10:00 to 11:00 p.m.—Solly Levin and his California Poppies.
THURSDAY, DECEMBER 15
7:00 to 8:00 p.m.—Leslie E. Taft
9:00 to 10:00 p.m.—Viola Mayot,
10:00 to 11:00 p.m.—Jack Lee and his orchestra.
FRIDAY, DECEMBER 16
7:00 to 8:00 p.m.—Playgoers Club,
9:00 to 10:00 p.m.—Frank Martin, Neva Negus, Lucillie Anderson and Hale Hooper.
10:00 to 11:00 p.m.—KFQZ Orchestra.
SATURDAY, DECEMBER 17
7:00 to 8:00 p.m.—Louise Moody Trio
9:00 to 10:00 p.m.—Leonard Van Berg
10:00 to 11:00 p.m.—Jack Lee and his orchestra and Leonard Van Berg.
KGFJ

Los Angeles, California—1440 Kc.

DAILY EXCEPT SUNDAY—
6:30 to 8:30 a.m.—Breakfast Hour, featuring Ted Greenwaldt and his Early Birds, courtesy of the Aero-Adds Service.
8:30 to 9:00 a.m.—Gordon Smith’s Radiotising Service, with Jack Brooks singing novelty songs with guitar accompaniment.
12:00 to 1:00 p.m.—Merchants’ Radio Advertising Bureau program, featuring Classical Hour on the Electrola.
1:00 to 2:30 p.m.—Merchants’ Radio Advertising Bureau, featuring Lon Parker, contralto; Joan Billings, piano; James Knight Carden, announcer.
3:30 to 4:30 p.m.—Gordon Smith’s Radiotising Service, featuring Whispering Jack Don. 8:00 to 9:00 p.m.—El Patio Ballroom, by remote control from the ballroom.
12 midnight to 6:30 a.m.—Studio program featuring the Electrola; Bob O’Hara, announcer. (Except Saturday night.)

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
9:00 a.m. to 2:30 p.m.—Studio programs featuring semi-classical and popular records on the Electrola.

MONDAY, DECEMBER 12
6:00 to 7:00 p.m.—Aero-Adds Service featuring Fred Thomasson and entertainers.
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service featuring Imperial Orch.

TUESDAY, DECEMBER 13
6:00 to 7:00 p.m.—Aero-Adds Service with Billy Eaves, tenor; Otto Hoeg, pianist.
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service, with Imperial Orchestra.

WEDNESDAY, DECEMBER 14
6:00 to 7:00 p.m.—Aero-Adds Service with Otto Hoeg, pianist; Marjorie Murrey, blues singer; Dorothy Fern, uke and songs.
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service featuring Edith Behrman.

THURSDAY, DECEMBER 15
6:00 to 7:00 p.m.—Aero-Adds Service featuring Miss Mason, whistler; Dorothy and Marjorie Cushman, cornet and whistler; Otto Hoeg, pianist; Billy Eaves, tenor.
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service with Edith Behrman, soprano, and Mary Campion, pianist.

FRIDAY, DECEMBER 16
6:00 to 7:00 p.m.—Aero-Adds Service featuring Metropolitan School of Music and dancing with "Kiddies' Revue of 1927."
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Ser. with Happy Four String Trio.

SATURDAY, DECEMBER 17
6:00 to 7:00 p.m.—Aero-Adds Service with Otto Hoeg, pianist; Billy Eaves, tenor;
7:00 to 8:00 p.m.—Gordon Smith’s Radiotising Service featuring Edith Behrman, soprano; Mary Campion, pianist.

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Little Eddie Barnes
Announcer

JAMES FOUCHE Manager

DAILY EXCEPT SUNDAY—
7:00 to 8:00 a.m.—Shopping List, with Records.
8:00 to 9:00 a.m.—New Idea Man's Breakfast Hour.
9:00 to 10:00 a.m.—New Idea Man's Shopping Tour with Frank Martin.
11:00 to 12:00 a.m.—Organ Concert.
12:00 to 2:00 p.m.—Orthophonic Concert.
3:45 to 4:00 p.m.—Latest News Bulletins, courtesy of Inglewood Daily News.
5:00 to 6:00 p.m.—Studio organ recital, except Tuesday, Thursday and Saturday.
6:45 to 7:00 p.m.—Latest News Bulletins, except Tuesday.
10:00 to 12:00 p.m.—Dance program from Rubaiyat Ballroom at Huntington Park, except Monday.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
11:00 a.m. to 12:15 p.m.—Centinella Baptist Church.
8:00 to 9:15 p.m.—International Bible Students (Ques. and Ans.).

MONDAY, DECEMBER 12
10:00 to 11:30 a.m.—Geo. D. Fassett's Hawaiians.
10:30 to 11:00 a.m.—Courtesy program with Kitty Kirchen, Bud Friend.
2:00 to 3:00 p.m.—Tiny Newland, Al Jolson of the air, with June Miles and Viola Herta.
3:00 to 3:45 p.m.—Peggy Price and Maria Sisters.
4:00 to 5:00 p.m.—Old Song Hour.
5:00 to 6:00 p.m.—Studio Organ Request Hour.
6:00 to 6:45 p.m.—Wm. Karston and David Rosenthal.
7:00 to 8:00 p.m.—KMIC concert.

TUESDAY, DECEMBER 13
10:00 to 10:30 a.m.—Courtesy program with Tiny Lewis and Mildred Jean.
10:30 to 11:00 a.m.—Peggy Price (request program).
12:00 to 1:00 p.m.—Shirley Copley, Harry Roe, blues and ballads.
3:00 to 3:45 p.m.—Billy DeShone, Sylvia L. Rosenthal.
4:00 to 4:15 p.m.—Health and Diet Talk by Dr. Tanne}
4:15 to 5:00 p.m.—Wm. Kanner Trio and Martha Schlatter.
5:00 to 6:00 p.m.—Collegiate Hour.
6:00 to 6:45 p.m.—Woodcrest School of Music.
6:45 to 7:00 p.m.—White Rouge program.
7:00 to 8:00 p.m.—Johnnie Dull's Melody Makers.

WEDNESDAY, DECEMBER 14
10:00 to 10:30 a.m.—Program, Geo. D. Fassett's Hawaiians.
10:30 to 11:00 a.m.—Courtesy program with Katheryn Michelson Wood, pianist: Norma Byington, soprano.
2:00 to 3:00 p.m.—Evelyn McCulley, soprano, and Johnnie Birch, banjo.
3:00 to 3:45 p.m.—L. A. Police Quartet with Officer Shoemaker: Safety Talk.
4:00 to 5:00 p.m.—"Uncle" Marshall Stedman's Kiddies Review.
5:00 to 6:00 p.m.—Organ request program.

6:00 to 6:45 p.m.—Lucille Heisler, piano; Ruth Van Blaircom, violin; Kenneth Reisler, saxophone; J. C. Rustedas, basso.
7:45 to 8:00 p.m.—Bridge Lesson by Mr. F. Federlin.

THURSDAY, DECEMBER 15
10:00 to 10:30 a.m.—Courtesy program.
10:30 to 11:00 a.m.—Peggy Price Request Period.
2:00 to 3:00 p.m.—Tiny Lewis, Al Jolson of the air, and assisting artists.
3:00 to 3:45 p.m.—L. A. Fire Dept. Orch.
4:00 to 5:00 p.m.—Pauline Underleiter and Eddie Abbott.
5:00 to 6:00 p.m.—Collegiate Hour.
6:00 to 6:45 p.m.—Artists of the Melting Pot.
7:00 to 8:00 p.m.—Eva Mannix, whistler; Inez Roach, pianist; Frank Martin.
8:00 to 9:00 p.m.—Georgie Fabrigat's Orchestra with Peggy Price, Baker Hersey.
9:00 to 10:00 p.m.—Radio Doings program with Audry Yvonne Davis and Georgia Fabrigat's Orchestra.

FRIDAY, DECEMBER 16
10:00 to 10:30 a.m.—Courtesy program.
10:30 to 11:00 a.m.—Ben Jackson, violin, and Johnnie Birch, banjo.
2:00 to 3:00 p.m.—R. C. Crouse, tenor; Gloria Clothier, reader, and Genelyn Hart, contralto.
3:00 to 3:45 p.m.—Eleanor Ross, baritone; Lillian Baker, soprano, and Peggy Price, blues.
4:00 to 5:00 p.m.—Bob and Buster from KSL (request hour).
5:00 to 6:00 p.m.—Studio Organ (request hour).
6:00 to 6:45 p.m.—Harmony Trio; Florence LeBaron, soprano.
7:00 to 7:45 p.m.—Dick Ross Collegians.
7:45 to 8:00 p.m.—Bridge Lesson.

SATURDAY, DECEMBER 17
10:30 to 11:00 a.m.—Courtesy program with Bud Friend, Verle and Julia Croxell.
2:00 to 3:45 p.m.—Little Eddie Barnes Frolic.
4:00 to 5:00 p.m.—Frolic continued.
5:00 to 6:00 p.m.—Collegiate Hour.
6:00 to 6:45 p.m.—Moonlight Garden Orch.
7:00 to 8:00 p.m.—Barnett Trio.
8:00 to 9:00 p.m.—The Serenaders Quintet.
9:00 to 10:00 p.m.—The Melody Maid.

Radio Doings December 10
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December 10

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KNRC

DAILY EXCEPT SUNDAY—
1:30 to 2:30 p.m.—Kierulf & Ravenscroft courtesy program.
3:00 to 3:30 p.m.—Story Hour.
3:30 to 4:30 p.m.—Crosley Preview.
6:00 to 7:00 p.m.—Casa DeDi Mar organ.
7:00 to 8:00 p.m.—Merchants' Preview.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
10:45 to 11:45 a.m.—Pilgrim Lutheran Church services.
2:30 to 4:00 p.m.—Band concert.
7:00 to 8:00 p.m.—Casa del Mar organ.
8:00 to 9:00 p.m.—Band concert.
MONDAY, DECEMBER 12
1:30 to 2:30 p.m.—Kierulf & Ravenscroft courtesy hour.
2:30 to 3:00 p.m.—Request program.
8:00 to 10:00 p.m.—Studio program.
TUESDAY, DECEMBER 13
2:30 to 3:00 p.m.—International Bible Students Association.
4:00 to 4:30 p.m.—F. C. Gardner, Seventh Day Adventist Church.
4:30 to 5:00 p.m.—Crosley preview.
8:00 to 10:00 p.m.—Studio program featuring Hal Denny Trio.

Avalon, California—1000 Kc.

KFWO

DAILY EXCEPT MONDAY—
12:30 to 1:45 p.m.—Hotel St. Catherine Orchestra.
6:30 to 8:00 p.m.—Hotel St. Catherine Orchestra.

Rebroadcasting of Other Stations on All Evening Programs

SUNDAYS
5:00 to 6:00 p.m.—Miss Hewitt's Golden Hour.
6:00 to 6:30 p.m.—Riviera Theatre Organ.
8:15 to 9:15 p.m.—St. Catherine Lobby concert.

MONDAYS
Silent.

TUESDAYS
5:00 to 6:00 p.m.—Miss Hewitt's Golden Hour.
6:00 to 6:30 p.m.—Riviera Theatre Organ.

FRIDAYS
5:00 to 6:00 p.m.—Miss Hewitt's Golden Hour.
6:00 to 6:30 p.m.—Riviera Theatre Organ.

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DAILY EXCEPT SUNDAY—

10:00 to 11:00 a.m.—Amy Lou shopping hour.
5:45 to 6:00 p.m.—Late news items, sporting events by San
Diego Union and Tribune.
6:00 to 7:00 p.m.—Musical Review.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11

11:15 a.m. to 12:15 p.m.—Services 1st Uni-
tarian Church.
2:00 to 3:00 p.m.—Services International
Bible Students.
3:00 to 4:00 p.m.—Services Theosophical
Society.
8:15 to 10:00 p.m.—Concert program fea-
turing Hutton's Hotel Del Coronado Con-
cert quartette and assisting artists.
MONDAY, DECEMBER 12

7:00 to 8:00 p.m.—All Star Five Orch.
8:00 to 9:00 p.m.—Studio program.
9:00 to 10:00 p.m.—San Diego Union and
Evening Tribune musical program.
TUESDAY, DECEMBER 13

7:00 to 8:00 p.m.—Masonic program.
8:00 to 9:00 p.m.—Thearle's classical or-
thophonic.
9:00 to 10:00 p.m.—Studio artists' hour.
WEDNESDAY, DECEMBER 14

7:00 to 7:30 p.m.—Theodora Warfield, Do-
ria Ridgway.
7:30 to 8:30 p.m.—Concert program, Theo-
osophical Society.
8:30 to 9:00 p.m.—Orthophonic pipe organ
recital.
9:00 to 10:00 p.m.—Aeolian Quartette.
10:00 to 11:00 p.m.—Ratliff Academy of
Dancing.

THURSDAY, DECEMBER 15

7:00 to 8:00 p.m.—San Diego Police Dept.
program.
8:00 to 9:00 p.m.—Unitarian Church con-
cert.
9:00 to 10:00 p.m.—Ratliff Academy of
Dancing.

FRIDAY, DECEMBER 16

7:00 to 8:00 p.m.—Fegan's San Diego Orch.
8:00 to 8:30 p.m.—Minor Twins, Stubbs
Brothers.
8:30 to 10:00 p.m.—Hutton's Hotel Del
Coronado Concert Quartette.

SATURDAY, DECEMBER 17

7:00 to 8:00 p.m.—San Diego High School
program.
8:00 to 9:00 p.m.—Franco-American hour.
9:00 to 10:00 p.m.—Studio program.
10:00 to 11:00 p.m.—Ratliff Academy of
Dancing.

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<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:30 p.m.</td>
<td>Piggly Wiggly Concert Orchestra and Entertainers.</td>
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<tr>
<td>9:30 a.m.</td>
<td>Organ Recital, Second Church of Christ, Scientist.</td>
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<tr>
<td>10:15 a.m.</td>
<td>Devotional period.</td>
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<td>10:30 a.m.</td>
<td>Physiology of Beauty, Georgia O. George.</td>
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<td>11:30 a.m.</td>
<td>Press-Telegram Early News, by Frank Goss.</td>
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<tr>
<td>12:00 noon</td>
<td>Press-Telegram Late News, by Frank Goss.</td>
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<tr>
<td>2:30 to 4:00 p.m.</td>
<td>Long Beach Municipal Band Concert.</td>
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<td>5:00 p.m.</td>
<td>Long Beach Municipal Band.</td>
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<td>11:00 a.m.</td>
<td>Capitol Theatre organ.</td>
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<td>12:30 to 2:30 p.m.</td>
<td>Pacific Coast Club.</td>
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<tr>
<td>7:00 to 7:45 p.m.</td>
<td>Studio program.</td>
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<tr>
<td>7:45 to 8:00 p.m.</td>
<td>Services First Church of Christ, Scientist.</td>
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<tr>
<td>6:00 to 7:00 p.m.</td>
<td>&quot;California Joymakers&quot;</td>
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<tr>
<td>7:00 to 8:00 p.m.</td>
<td>Imperial Theater.</td>
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<tr>
<td>9:00 to 10:00 p.m.</td>
<td>&quot;Piggly Wiggly Snappy Hour.&quot;</td>
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<tr>
<td>10:00 a.m.</td>
<td>Pacific Coast Club.</td>
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<tr>
<td>10:15 a.m.</td>
<td>Piano Recital.</td>
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<tr>
<td>1:00 p.m.</td>
<td>— Spencer-Kennelly</td>
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<td>1:30 p.m.</td>
<td>— Harrison's Shoe Store.</td>
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<tr>
<td>2:30 p.m.</td>
<td>— Capitol Theatre Organ.</td>
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<tr>
<td>3:00 p.m.</td>
<td>— Women's Music Study</td>
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<tr>
<td>7:00 p.m.</td>
<td>— &quot;California Joymakers&quot;</td>
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<td>9:00 p.m.</td>
<td>— Truck Tire Service Co.</td>
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<td>11:00 a.m.</td>
<td>K-I-wans Frollo.</td>
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<td>10:15 a.m.</td>
<td>&quot;Shopping News&quot;</td>
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<td>12:30 to 1:00 p.m.</td>
<td>— Spencer-Kennelly</td>
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<tr>
<td>2:30 to 3:30 p.m.</td>
<td>— Capitol Theatre Organ.</td>
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<td>6:45 to 7:00 p.m.</td>
<td>— Talk on Health.</td>
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<td>7:00 to 8:00 p.m.</td>
<td>— Bear Cafe Jazz Band.</td>
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<tr>
<td>9:00 to 10:00 p.m.</td>
<td>— &quot;Ye Olde Song Album&quot;</td>
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<tr>
<td>11:00 p.m.</td>
<td>Majestic Ballroom.</td>
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<tr>
<td>12:00 p.m.</td>
<td>Pacific Coast Club organ.</td>
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<tr>
<td>12:30 to 1:00 p.m.</td>
<td>— Spencer-Kennelly</td>
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<td>1:30 to 2:00 p.m.</td>
<td>— Harrison's Shoe Store.</td>
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<tr>
<td>2:30 to 3:30 p.m.</td>
<td>— Capitol Theatre Organ.</td>
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<td>6:45 to 7:00 p.m.</td>
<td>— Talk on Health.</td>
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<td>7:00 to 8:00 p.m.</td>
<td>— Bear Cafe Jazz Band.</td>
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<td>9:00 to 10:00 p.m.</td>
<td>— &quot;Ye Olde Song Album&quot;</td>
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<tr>
<td>11:00 p.m.</td>
<td>Majestic Ballroom.</td>
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<tr>
<td>12:00 p.m.</td>
<td>Pacific Coast Club organ.</td>
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<tr>
<td>10:15 a.m.</td>
<td>&quot;Shopping News&quot;</td>
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<td>Majestic Ballroom.</td>
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KPO

DAILY EXCEPT SUNDAY—
6:45 to 9:00 a.m.—Health and Happiness Period
10:30 to 10:45 a.m.—"Ye Towne Crier."
11:30 to 1:00 p.m.—Kane’s Hawaiians.
12:00 noon—Time Signals.
1:15 p.m.—Stock and Fruit Reports, except Friday.
1:00 to 2:00 p.m.—KPO Orchestra, except Friday.
4:00 to 5:00 p.m.—KPO Orchestra, except Mon., Wed., and Fri.
5:00 to 6:00 p.m.—Children's Hour.
6:00 to 6:30 p.m.—"Ye Towne Crier."
6:30 to 7:30 p.m.—Musical Program, except Thursday.
7:30 to 8:00 p.m.—DX period.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
9:45 to 10:30 a.m.—United Denominational and non-sectarian Church Services.
6:00 to 6:30 p.m.—States Restaurant Orchestra, Waldemar Lind, director.
6:30 to 7:30 p.m.—Standard Symphony Orchestra.
7:30 to 8:30 p.m.—Organ Recital by Uda Waldrop.
8:30 to 10:00 p.m.—Rudy Seiger’s Fairmont Hotel Concert Orchestra.

MONDAY, DECEMBER 12
4:00 to 5:00 p.m.—Robert Nurok Trio.
7:00 to 7:10 p.m.—Book Review.
8:00 to 9:00 p.m.—Abas String Quartet.
9:00 to 10:00 p.m.—Program for San Francisco Branch of manufacturers of White King and Mission Bell Soap.
10:00 to 12:00 midnight — KPO's Variety Hour.

TUESDAY, DECEMBER 13
10:00 to 10:30 a.m.—Ann Warner, domestic economist.
6:30 to 7:30 p.m.—States Restaurant Quartet, Waldemar Lind, director.
8:00 to 8:30 p.m.—Gypsy and Marta, harmony team.
8:30 to 9:00 p.m.—Bridge Lesson No. 7.
9:00 to 11:00 p.m.—N. B. C.’s program over P. C. N.

WEDNESDAY, DECEMBER 14
10:45 a.m.—Betty Crocker’s Service talk.
4:00 to 5:00 p.m.—Robert Nurok Trio.
8:00 to 9:00 p.m.—Program by Atwater Kent Artists.
9:00 to 10:00 p.m.—N. B. C. program over P. C. N.

10:00 to 11:00 p.m.—States Restaurant Quartet.

THURSDAY, DECEMBER 15
10:00 to 10:30 a.m.—Ann Warner, domestic economist.
6:30 to 7:00 p.m.—Program for Board of Education.
7:00 to 7:15 p.m.—Art talk by Helen Gordon Barker.
7:15 to 7:30 p.m.—Sports-on-the-Air by sporting editor of The Chronicle.
8:00 to 9:00 p.m.—Program for Calif. Petroleum Corp.
9:00 to 10:00 p.m.—N. B. C.’s program over P. C. N.
10:00 to 11:00 p.m.—States Restaurant Quartet.

FRIDAY, DECEMBER 16
10:45 a.m.—Betty Crocker’s Gold Medal
10:45 a.m.—Betty Crocker’s Service talk.
11:00 a.m.—Fashion talk by Ninon.
12:45 p.m.—Luncheon address.
1:30 to 2:00 p.m.—KPO Concert Orchestra.
4:00 to 5:00 p.m.—Robert Nurok Trio.
8:00 to 9:00 p.m.—Caswell Hour.
9:00 to 10:00 p.m.—N. B. C.’s program over P. C. N.
10:00 to 11:00 p.m.—KPO Dance Orchestra.

SATURDAY, DECEMBER 17
10:00 to 10:30 a.m.—Ann Warner, domestic economist.
6:30 to 7:30 p.m.—States Restaurant Quartet.
8:00 to 10:00 p.m.—Program by N. B. C., over P. C. N.
10:00 to 11:00 p.m.—KPO Dance Orchestra.

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December 10

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DAILY EXCEPT SUNDAY—
11:30 a.m. to 1:00 p.m.—Luncheon concert.
12:30 and 7:00 p.m.—Stock and weather reports. Baseball scores.
6:00 to 6:45 p.m.—Dinner hour concert (except Wednesday).
9:00 p.m.—Time Signals.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
11:00 a.m.—First Methodist Episcopal Church service, Oakland.
5:30 to 6:30 p.m.—Crosley Moscow Art Orchestra, San Francisco.
6:30 to 7:30 p.m.—"Standard Symphony Hour," N. B. C.
7:30 p.m.—Weather reports.
7:35 to 9:00 p.m.—First Methodist Episcopal Church service, Oakland.
9:00 to 10:00 p.m.—"Great Moments of History, N. B. C.

MONDAY, DECEMBER 12
3:00 to 4:00 p.m.—California Federation of Women's Clubs.
4:00 to 5:00 p.m.—Frank Ellis and his Hotel St. Francis dance orchestra.
5:30 to 6:00 p.m.—Aunt Betty and KGO Kiddies' Club.
8:00 to 9:00 p.m.—"Spotlight Hour," N. B. C.
9:00 to 9:20 p.m.—Joseph Henry Jackson.
9:20 to 10:20 p.m.—"The Pilgrims."

TUESDAY, DECEMBER 13
8:00 to 8:30 p.m.—"Cathedral Echoes."
8:30 to 9:00 p.m.—U. S. Bridge Lessons, N. B. C.
9:00 to 10:00 p.m.—Eveready Hour, N. B. C.
10:00 to 11:00 p.m.—"Retold Tales." N.B.C.

WEDNESDAY, DECEMBER 14
6:00 to 6:30 p.m.—Kohler and Chase dinner concert.
6:35 to 7:30 p.m.—Farm program.
8:00 to 9:00 p.m.—Vaudeville.
9:00 to 1000 p.m.—"The Vagabonds," N. B. C.
10:00 to 11:00 p.m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.

THURSDAY, DECEMBER 15
5:00 to 5:15 p.m.—"Mental Measurement;"
5:15 to 6:00 p.m. — George W. Ludlow.
8:00 to 9:00 p.m.—N. B. C. studio program.
9:00 to 10:00 p.m.—Miscellaneous musical program, N. B. C.
10:00 11:00 p.m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.

FRIDAY, DECEMBER 16
11:10 to 11:30 a.m.—Prudence Penny Home Making talk.
5:30 p.m.—Da-Ra-O, wise man from the Land-O-Health.
6:45 to 7:03 p.m.—"Weekly Financial Review," Fred Brandt.
8:00 to 9:00 p.m.—Western Artist Series concert.
9:00 to 10:00 p.m.—"An Hour in Memory Lane," N. B. C.
10:00 to 11:00 p.m.—Goldwin-Beale's Hotel Oakland Dance Orchestra.

SATURDAY, DECEMBER 17
7:15 to 7:30 p.m.—Weekly sport review.
8:00 to 9:00 p.m.—"RCA Radiotron Hour," N. B. C.
9:00 to 10:00 p.m.—"Philco Hour," N. B. C.
10:00 to 11:00 p.m.—Revue program, N.B.C.
11:00 to 12:00 p.m.—Frank Ellis and his Hotel St. Francis Dance Orchestra.

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KFRC

DAILY EXCEPT SUNDAY—
10:00 to 12:00 noon—Golf Widow’s Program.
11:00 to 12:00 noon—Organ recital by Theodore Strong.
6:30 to 6:30 p.m.—“Looking at the World” talk by Dr. Frederick W. Clampe.
6:30 to 8:30 p.m.—Hotel Mark Hopkins Concert Orchestra.
8:30 to 10:00 p.m.—Balconades Ballroom Orchestra.
10:00 to 12:00 noon—KFRC Dance Orchestra, Robert Olsen, tenor.

SUNDAY, DECEMBER 11
10:00 a.m. to 12 noon—Golf Widow’s Program.
12:00 to 1:00 p.m.—Services and sermon from the Paulist Father’s Old St. Mary’s Church.
2:00 to 4:00 p.m.—Sunday matinee.
5:00 to 6:00 p.m.—Organ recital by Theodore Strong.
6:00 to 6:30 p.m.—“Looking at the World” talk by Dr. Frederick W. Clampt.
6:30 to 8:30 p.m.—Hotel Mark Hopkins Concert Orchestra.
8:30 to 10:00 p.m.—Balconades Ballroom Orchestra.
10:00 to 12:00 p.m.—KFRC Dance Orchestra, Robert Olsen, tenor.

MONDAY, DECEMBER 12
9:00 to 10:00 a.m.—Weinstock-Lubin & Co.
10:00 to 11:00 a.m.—Georgia O. George.
11:00 to 11:30 a.m.—Household Hints by Mary Lewis Haines of the Call.
5:45 to 6:20 p.m.—Mac and his Gang.
5:45 to 6:20 p.m.—Joe Mendel and his Pep Band from the Lido Cafe.
6:30 to 7:00 p.m.—Sports talk by “Bobs.”
7:00 to 7:30 p.m.—The Hawaiians.
8:00 to 10:00 p.m.—Blue Monday Jam-boree.

TUESDAY, DECEMBER 13
10:00 a.m. to 12 noon—Georgia O. George.
11:00 to 11:30 a.m.—Doings of Dorothy.
6:30 to 6:50 p.m.—The Celtics.
8:00 to 7:00 p.m.—Investment Securites, a talk by Agnes N. Alwyn.
7:00 to 7:30 p.m.—The Celtics.
8:00 to 10:00 p.m.—KFRC Concert Orchestra.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
9:00 to 9:10 a.m.—Weinstock-Lubin & Co.
10:00 to 11:00 a.m.—Georgia O. George.
11:00 to 11:30 a.m.—Household Hints by Mary Lewis Haines of the Call.
5:45 to 6:20 p.m.—Mac and his Gang.
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7:00 to 7:30 p.m.—The Celtics.
8:00 to 10:00 p.m.—KFRC Concert Orchestra.

WEDNESDAY, DECEMBER 14
9:00 to 9:10 a.m.—Weinstock-Lubin & Co.
10:00 to 11:00 a.m.—Georgia O. George.
11:00 to 11:30 a.m.—Household Hints by Mary Lewis Haines of the Call.
5:45 to 6:20 p.m.—Mac and his Gang.
5:45 to 6:20 p.m.—Joe Mendel and his Pep Band from the Lido Cafe.
6:30 to 7:00 p.m.—Sports talk by “Bobs.”
7:00 to 7:30 p.m.—The Hawaiians.
8:00 to 10:00 p.m.—Blue Monday Jam-boree.

THURSDAY, DECEMBER 15
11:00 to 11:30 a.m.—Doings of Dorothy.
5:30 to 6:10 p.m.—MAC and his gang.
5:45 to 6:20 p.m.—Beauty talk by Madame Marie.
8:00 to 9:00 p.m.—Program of music with Robert Olsen, tenor soloist, and Merry-makers.
9:00 to 9:45 p.m.—KFRC Movie Club, with Joe Benson, pianist, as guest artist.
9:45 to 10:00 p.m.—Flying Lessons, by Lt. Blaine Stubbfield of Boeing Air Transport Co., and U. S. Air Mail Service.

FRIDAY, DECEMBER 16
9:00 to 9:10 a.m.—Weinstock-Lubin & Company Shopping Service.
11:00 to 11:30 a.m.—Hints to Home-makers
3:30 to 4:30 p.m.—Student’s Hour
8:00 to 9:00 p.m.—Shell Oil Company Symphony, directed by Leopold Staller.
9:00 to 10:00 p.m.—KFRC Dance Orchestra.

SATURDAY, DECEMBER 17
11:00 to 11:45 a.m.—Amateur Tryouts.
11:45 a.m. to 12 noon—Announcement of Sunday Church Sermons.
8:00 to 9:00 p.m.—Musical Program.
9:00 to 10:00 p.m.—Walter Krausgrill’s Dance Orchestra.

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WHY

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WHY

has KMTR been able on three occasions to raise funds for the Los Angeles Community Chest and the Red Cross totaling more than $5,500, money which has been donated by the station’s listeners?

*It is because this station that “tops the list” has proven to the public that it is truly “Your Friend In Hollywood,” and the public in turn feels friendly to KMTR.*

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DAILY EXCEPT SUNDAY—
8:00 to 10:27 a.m.—Musical Breakfast Program.
10:27 to 10:30 a.m.—Weather Reports.
12:00 to 1:00 p.m.—Baldwin Waite Concert (except Thursday and Saturday).
1:00 to 1:30 p.m.—Country Store (except Thursday and Saturday).
5:00 to 5:30 p.m.—Brunswick Concert.
5:30 to 6:00 p.m.—Advance Construction Reports by Albert White.
7:00 to 7:15 p.m.—Sports Review (except Saturday).
10:00 to 10:03 p.m.—Police Reports (except Wednesday).

SUNDAY, DECEMBER 11
7:50 to 9:00 p.m.—Services from Eighth Church of Christ, Scientist.
9:00 to 10:00 p.m.—Laura Ellen Winsor, pianist; Pearl May Poore, soprano; Elgin Doane, baritone.
10:00 to 11:00 p.m.—Tom Gerunovich’s Roof Garden Orchestra.

MONDAY, DECEMBER 12
6:00 to 7:00 p.m.—Lloyd Monroe.
7:15 to 7:30 p.m.—Advertising talk.
8:00 to 8:30 p.m.—Darnelle Sisters.
8:30 to 9:00 p.m.—Suzanne Cole, violinist.
9:00 to 10:00 p.m.—Tom Gerunovich and his weird Jungle Jazz from Jungle Town.
10:03 to 11:00 p.m.—Gloria Del Rae.

TUESDAY, DECEMBER 13
6:00 to 7:00 p.m.—California Songbird.
8:00 to 8:30 p.m.—Genevieve Chinn.
9:00 to 9:30 p.m.—Program of Spanish and Mexican Music.
9:30 to 10:00 p.m.—Zelma Randall and 8:30 to 10:00 p.m.—“Box and the Boy Friend.”
10:03 to 10:30 p.m.—Remember When — ?
10:30 to 11:00 p.m.—Lloyd Monroe.

WEDNESDAY, DECEMBER 14
6:00 to 7:00 p.m.—Thelma Myrick, soprano; Dorothy Bieber, pianist.
9:00 to 9:05 p.m.—“Early Mailing,” by Postmaster H. L. Todd.
9:05 to 9:55 p.m.—Program.
10:00 to 11:00 p.m.—Tom Gerunovich’s Roof Garden Orchestra.

THURSDAY, DECEMBER 15
12:00 to 1:00 p.m.—Country Store.
6:00 to 7:00 p.m.—Dinner Hour Program.
9:30 to 10:00 p.m.—Gloria Del Rae.
10:03 to 11:00 p.m.—KFWI Gypsy Band.

FRIDAY, DECEMBER 16
8:00 to 8:30 p.m.—Lillian Craig, soprano.
9:00 to 10:00 p.m.—Tom Gerunovich and his weird Jungle Jazz from Jungle Town.
10:03 to 11:00 p.m.—Program of Popular Music.

SATURDAY, DECEMBER 17
6:00 to 7:00 p.m.—Dinner Hour Program.
8:00 to 9:00 p.m.—Gypsy Trio.
9:00 to 10:00 p.m.—Harriet Lewis, pianist,
10:03 to 12:30 p.m.—Surprise Reception.

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KGW

DAILY EXCEPT SUNDAY—
10:00 to 11:30 a.m.—Town Crier, weather reports, news items.
6:00 to 7:00 p.m.—Dinner Concert, except Friday.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
8:30 to 9:15 a.m.—"Aunty Blossom" reading the Sunday comic strips.
11:00 a.m. to 12:00 noon—Morning services from Sunnyside Congregational Church.
3:00 to 4:00 p.m.—Concert by Town Crier Orchestra.
4:00 to 5:30 p.m.—Concert.
5:30 to 6:30 p.m.—Croasley Moscow Art Orchestra over P. C. N.
6:30 to 7:30 p.m.—Standard Oil program, over P. C. N.
7:30 to 8:00 p.m.—The Two Steinway Artists, presented by Sherman Clay Co.
8:00 to 9:00 p.m.—"Neighborhood Drug Store Hour."
9:00 p.m.—Longine Time Signals from N. B. C.
9:00 to 10:00 p.m.—Great Moments of History (N. B. C).
10:00 to 11:00 p.m.—Public Service Little Symphony Orchestra.

MONDAY, DECEMBER 12
7:15 to 7:30 a.m.—Y. M. C. A. Health Exercises.
7:00 to 7:30 p.m.—Salon Orchestra.
7:30 to 7:45 p.m.—"Better Flowers" talk.
7:45 to 8:00 p.m.—"Travel Talk."
8:00 to 9:00 p.m.—P. C. N. Program, "Spot Light Hour."
9:00 p.m.—Longine Watch Time Signals (N. B. C).
9:00 to 10:00 p.m.—"Venetian Hour."
10:00 to 12:00 p.m.—Herman Kenin and his Multnomah Hotel Orchestra.

TUESDAY, DECEMBER 13
9:00 to 10:30 p.m.—Meier & Frank's Christmas Program.
7:30 to 7:45 p.m.—Thrift Talk.
7:45 to 8:00 p.m.—Book Chat.
8:00 to 8:30 p.m.—"Sealy Sam Program."
8:30 to 9:00 p.m.—Bridge Games, courtesy of U. S. Playing Card Co., over P. C. N.
9:00 p.m.—Longine Watch Time Signal.
9:00 to 10:00 p.m.—"Eveready Hour." courtesy of the National Carbon Co., N. B. C.

10:00 to 11:00 p.m.—N. B. C. Retold Tales.

WEDNESDAY, DECEMBER 14
7:15 to 7:30 a.m.—Y. M. C. A. Health Exercises.
7:30 to 7:45 p.m.—Utility Service.
7:45 to 8:00 p.m.—Catholic Truth Society Lecture.
8:00 to 9:00 p.m.—White King Orchestra.
9:00 to 10:00 p.m.—P. C. N., "The Vagabonds."
10:00 to 11:00 p.m.—Silver King Revelers.

THURSDAY, DECEMBER 15
7:30 to 7:40 p.m.—Utility Service.
7:40 to 8:00 p.m.—Tommy Luke's Flower Girls.
8:00 to 9:00 p.m.—Concert.
9:00 to 10:00 p.m.—P. C. N. Program.
10:00 to 12:00 p.m.—Herman Kenin and his Multnomah Hotel Orchestra.

FRIDAY, DECEMBER 16
7:15 to 7:30 a.m.—Y. M. C. A. Health Exercises.
6:00 to 7:00 p.m.—"Golden West Girl," presented by Manufacturers of Golden West Coffee.
7:00 to 7:30 p.m.—Concert.
7:30 to 7:45 p.m.—Utility Service.
8:00 to 9:00 p.m.—Shell 400 Magic Theater Party, "Phantoms of Broadway."
9:00 to 10:00 p.m.—P. C. N. program, "Memory Lane."
10:00 to 10:30 p.m.—Motor Coach Entertainers.
10:30 to 12:00 p.m.—Frolic of the Keep Growing Wiser Order of Hoot Owls.

SATURDAY, DECEMBER 17
7:00 to 8:00 p.m.—Concert.
8:00 to 9:00 p.m.—N. B. C., R. C. A. program, Grand Opera.
9:00 to 10:00 p.m.—"Philco Hour," over P. C. N.
10:00 to 11:00 p.m.—N. B. C., "Saturday Night Review."
11:00 to 12:00 p.m.—Dance music from the Multnomah Hotel.

ROFFY'S New Superfine 3-Tube Circuit Will Amaze You for DX and Tone
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Golden Bear Made in 12 Sizes — Phone WESTmore 2712
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8 to 9 o’Clock
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WARNER 360.1 Meters KFWB BROTHERS 830 Kc.
Seattle, Washington—980 Kc.

KOMO
FISHER'S BLEND STATION
METROPOLITAN CENTER, SEATTLE

DAILY EXCEPT SUNDAY—
10:00 a.m.—Seattle Council of Churches, Inspirational Services.
11:00 a.m.—Y. M. C. A. Health Exercises.
10:30 a.m.—"What to Prepare for Dinner," by Prudence Penny.
12:00 n.—U. S. Dept. of Agri. Farm Flashes.
12:15 p.m.—Grain report, except Saturday.
12:27 p.m.—U. S. Weather report.
5:00 to 5:15 p.m.—Silent period.
5:15 p.m.—Kiddies' program.

5:45 p.m.—Stock and Bond quotations.
6:00 p.m.—News Flashes and Sports.
6:15 p.m.—Totem Concert Orchestra.
7:57 p.m.—U. S. Weather Bureau report.
9:00 p.m.—Longine Time Signals through N. B. C.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
10:00 a.m.—International Bible Students'
11:00 a.m.—Plymouth Congregational Church
1:30 p.m.—Studio program.
5:30 p.m.—Crosey program by N. B. C.
6:30 p.m.—Standard Oil Company of California program over N. B. C.
7:30 p.m.—International Bible Students'
8:00 p.m.—First Church of Christ
9:00 p.m.—"Longines Correct Time"
10:00 p.m.—N. B. C. program.

MONDAY, DECEMBER 12
11:00 a.m.—Varied program.
12:30 p.m.—Varied program.
4:00 p.m.—Totem Concert Orchestra.
4:45 p.m.—U. S. Dept. of Agriculture
5:00 p.m.—Health talk.
8:00 p.m.—Program by N. B. C., "Swash Gulch"
10:00 p.m.—Totem Concert Orchestra
11:00 p.m.—Totem Concert Orchestra

TUESDAY, DECEMBER 13
11:00 a.m.—Meat talk arranged by National Farm Radio Council.
11:15 a.m.—Varied program.
12:30 p.m.—Totem Concert Orchestra
7:30 p.m.—"Ask Me Another" program.
8:00 p.m.—Totem Concert Orchestra
8:30 p.m.—Bridge Lessons conducted by N. B. C., "Eveready Hour".
10:00 p.m.—N. B. C. program.
11:00 p.m.—Late News Flashes.
11:15 p.m.—Herb Wiedeoft and his orchestra.
12:15 a.m.—Varied program.

WEDNESDAY, DECEMBER 14
11:00 a.m.—Organ recital.
12:30 p.m.—Totem Concert Orchestra
4:45 p.m.—U. S. Dept. of Agriculture
7:45 p.m.—"Opening the Mail."
8:00 p.m.—Totem Concert Orchestra.
9:00 p.m.—N. B. C. program.
10:00 p.m.—Varied program.
10:45 p.m.—Olympic Hotel Venetian Room Orchestra.

THURSDAY, DECEMBER 15
11:00 a.m.—Meat talk arranged by National Farm Radio Council.
11:15 a.m.—Varied program.
12:30 p.m.—Varied program.
4:15 p.m.—Totem Concert Orchestra.
7:00 p.m.—Totem Concert Orchestra
8:15 p.m.—Orientalogue.
8:30 p.m.—Totem Concert Orchestra.
9:00 p.m.—N. B. C. program.
10:00 p.m.—Totem Concert Orchestra
10:30 p.m.—Late News Flashes.
10:45 p.m.—Totem Concert Orchestra

FRIDAY, DECEMBER 16
10:45 a.m.—Varied program.
11:30 a.m.—Totem Concert Orchestra.
12:30 p.m.—Totem Concert Orchestra
4:45 p.m.—U. S. Dept. of Agriculture
8:00 p.m.—Superior Service Dance Orch
12:00 midnight—Varied program.

SATURDAY, DECEMBER 17
11:00 a.m.—Varied program.
12:10 p.m.—U. S. Dept. of Agriculture
12:30 p.m.—Totem Concert Orchestra
7:00 p.m.—Totem Concert Orchestra
8:00 p.m.—R. C. A. Hour through N. B. C.
9:00 p.m.—N. B. C. program, "Philco Hour"
11:15 p.m.—Olympic Hotel Orchestra.

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Socket Power and Eliminator SPECIALISTS
Our completely furnished Laboratory is ready to take care of repairs to any make of Power Unit. All work under personal supervision of our Socket Power Expert.
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On the Air All Day, Starting at 7 a. m., Except Sunday

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Wednesday, 4 to 5 P. M.

PIPE ORGAN IN THE STUDIO

DANCE MUSIC EVERY NIGHT, 10 TO 12 P. M.
Geo. Redman’s Orchestra from Rubiayat Ballroom

NEWS BULLETINS
3:45 and 6:45 P. M.

BRIDGE LESSONS
Wednesday and Friday, 7:45 P. M.

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W. C. ("Doc") Gordon
Announcer

VO

KJR

Vincent I. Kraft, Manager.
Ross W. Swift, Program Director.

DAILY EXCEPT SUNDAY AND SATURDAY—
9:00 to 9:45 a.m.—Studio program.
9:45 to 10:00 a.m.—Devotional service.
10:00 a.m. to 12:00 noon—Shopping service and music.
12:00 noon—Time Signals.
12:00 to 12:30 p.m.—Musical program.
12:30 to 1:30 p.m.—Luncheon Club program from new Washington Hotel.
1:30 to 4:45 p.m.—Studio program (except Thursday).
4:45 to 5:00 p.m.—Chats by Dr. E. A. Schilling (except Thurs.).
5:00 to 5:30 p.m.—KJR Junior Club (except Thurs. and Friday).
5:30 to 5:45 p.m.—Studio program (except Thurs. and Friday).
5:45 to 6:00 p.m.—New York Stock Quotations.
6:00 p.m.—Time Signals.
6:00 to 6:30 p.m.—News and amusement notices.
6:30 to 7:30 p.m.—Dinner hour concert.
7:30 to 10:00 p.m.—Studio program.
10:00 p.m.—Time Signals.
10:00 to 12:00 p.m.—Vic Meyers' dance orchestra.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
12:30 to 6:15 Pp. m.—Musical program.
6:15 to 7:15 p.m.—International Bible Students program.
7:15 to 7:30 p.m.—Twilight Organ Hour.
7:30 to 9:00 p.m.—Service of the First M. E. Church.
9:00 to 10:00 p.m.—Concert Orchestra.

THURSDAY, DECEMBER 15
1:30 to 4:45 p.m.—Beauty Chat by Dr. E. O. Schilling.
4:45 to 5:00 p.m.—KJR Junior Club.
5:00 to 5:45 p.m.—Talk on precious stones, by Paul Hansen.

FRIDAY, DECEMBER 16
5:00 to 5:45 p.m.—Studio program.

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Enable You to Enjoy a
MOHAWK
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These Sets Operate Direct From Light Socket,
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7593

We will gladly send a representative at your convenience for any and all information.
Radio Doings December 10

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Owned and Operated by Rhodes Department Store
Arcade Square, Seattle, Washington
Phone Main 8000

P. B. Gale, Station Manager
Arthur W. Lindsay, Program Director and
Announcer

Arthur W. Lindsay
Announcer

KFOA

DAILY EXCEPT SUNDAY
10:00 to 10:30 a.m.—Rhodes’ Air News, except Tues., Thurs., Sat.
11:30 to 2:00 p.m.—Home-making Helps, by Margaret Knowles, except Saturday.
4:30 to 6:00 p.m.—News Items.
5:00 to 6:00 p.m.—Children’s Hour by Big Brother of KFOA, except Saturday.
6:00 to 6:30 p.m.—Sperry Four Children’s Hour, except Saturday.
9:00 p.m.—Longines Time Signals.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

THURSDAY, DECEMBER 15
12:30 to 1:30 p.m.—Shrine Club Luncheon program from the Chamber of Commerce.
6:30 to 7:30 p.m.—E. R. Buterworth & Sons Concert Orchestra.
8:00 to 9:00 p.m.—Maxwell House Coffee Orchestra and soloist from KGW, Portland, through the courtesy of the Cheek-Neal Coffee Co.
9:00 to 10:00 p.m.—N. B. C. Program.

FRIDAY, DECEMBER 16
12:30 to 1:30 p.m.—Members Council Luncheon program from the Chamber of Commerce.
6:45 to 7:00 p.m.—Touring Information by the Automobile Club of Washington.
7:00 to 8:00 p.m.—Sherman Clay & Co. Concert Orchestra.
8:00 to 9:00 p.m.—Crescent Old Time Trio of Crescent Brand Coffee.
9:00 to 10:00 p.m.—An hour in Memory Lane, over the P. C. N.
10:00 to 10:30 p.m.—Shiftless Sam & Petunia the Scrub Woman in half hour of blackface comedy.
10:30 to 12:00 p.m.—Hoot Owls from KGW.

SATURDAY, DECEMBER 17
6:00 to 6:15 p.m.—Sport Review.
7:00 to 7:30 p.m.—Boy Scout Program.
7:30 to 8:00 p.m.—Camp Fire Girls program.
8:00 to 9:00 p.m.—N. B. C.; R. C. A. Radiotron Hour.
9:00 to 10:00 p.m.—Philco Hour, over P. C. N.
10:00 to 11:00 p.m.—Saturday Night Revue program from San Francisco, over P. C. N.

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A Phone Call to DUnkirk 6072
Will Bring a Man Who Knows in 30 Minutes

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The Finest Long Wave Amplifier Ever Made

With a greater degree of selectivity, with a greater amplification factor—the 440 Jewelers Time Signal Amplifier offers possibilities never before realized in long wave construction. It is more accurate—with a finer degree of calibration—than any long wave amplifier that may be built from standard parts today. It is housed in a copper and brass catacomb and its three radio frequency stages and detector are individually shielded. The 440 Time Signal Amplifier is tremendously popular already. Thousands have been sold, for it's the best long wave amplifier ever developed. It is tuned exactly to 112 K. C., the 2677-meter wave length of the Naval Observatory station at Arlington (NAA). Price $35.00.

The 805 Illuminated Drum Dial

The new S-M illuminated drum dial adds beauty and distinction to any set, and is one of the few drums that is a real true vernier, controlled by a panel knob. It's almost universal, and will fit any single-hole mount, and most multiple mounting screw, condensers, right or left types.

Furnished with oxidized brass panel window, black and gold universal drum and lamp bracket. Price $3.

We can't tell you here about all the new S-M developments, but if you'll send the coupon we will forward full data on transformers, power amplifiers, complete light socket operation, etc.

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224 E. 16th St. WEstmore 8078 Los Angeles, Calif.
Radio Doings

Denver, Colorado—920 Kc.

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

DAILY EXCEPT SUNDAY—
10:45 a.m.—Weather, Stock and Produce Reports.
11:00 a.m.—Time Signals.
11:05 to 12:05 p.m.—Organ Recital
5:00 p.m.—Stock and Market Reports (except Thursday and Saturday).
5:25 p.m.—Road Reports (except Thursday and Saturday),
5:30 to 6:30 p.m.—Dinner Concert, except Thursday and Saturday.

WEEK COMMENCING SUNDAY, DECEMBER 11, 1927

SUNDAY, DECEMBER 11
10:00 a.m.—Service of First Church of Christ, Scientist, Denver.
4:30 p.m.—Organ recital from First Church of Christ, Scientist, Denver.
5:30 to 6:30 p.m.—Brown Palace Hotel dinner concert.
7:00 p.m.—Service of First Church of Christ, Scientist, Denver.

MONDAY, DECEMBER 12
10:15 a.m.—Program by Reese School.
6:30 p.m.—Appreciation program,
7:00 p.m.—Scheuerman's Colorado orchestra,
7:15 to 9:00 p.m.—Colorado Woman's College program.

TUESDAY, DECEMBER 13
2:30 to 3:30 p.m. — Housewives matinee, presented by the Zonta Club of Denver.
3:30 to 3:45 p.m.—Culinary Hints, Mrs. Helen Harrington Downing.
3:45 to 4:00 p.m. — Shopping with Betty Dee.
6:30 p.m.—Farm question box, George C. Wheeler.
7:00 to 7:30 p.m. — Radio instruction in auction bridge.
7:30 to 8:30 p.m.—Dance program, Dan's Musical Dons.

WEDNESDAY, DECEMBER 14
5:27 p.m.—National Farm Radio Council talk.
6:30 p.m.—"Tell Me a Story" hour.

THURSDAY, DECEMBER 15
2:30 to 3:00 p.m.—Rural Schools, State Department of Public Instruction.
3:00 to 3:30 p.m.—Housewives matinee.
3:30 to 3:45 p.m.—Shopping with Betty Dee.
4:00 p.m.—Stocks, markets, etc.
4:25 p.m.—Road Reports.
7:00 to 12:00 p.m.—KOA's Third Anniversary special musical program.

FRIDAY, DECEMBER 16
2:30 to 3:30 p.m.—Housewives matinee.
3:30 to 3:45 p.m.—Culinary hints, Mrs. Helen Harrington Downing.
3:45 to 4:00 p.m.—Shopping with Betty Dee.
6:00 p.m.—"Aggie Kickoffs," Extension service, Colorado Agricultural college, Fort Collins, Colo.
6:30 p.m.—Preview of International Sunday school.
7:00 to 9:00 p.m.—Part One: An Hour of Beethoven's Music; Part Two: Miscellaneous program.
9:00 to 10:00 p.m.—Dance program, Dan's Musical Dons.

SATURDAY, DECEMBER 17
11:00 1/4 a.m.—Road Reports.
8:00 to 10:00 p.m.—Chief Gonzales and his Arabian Room Orchestra.

The NEW-IDEA MAN, Creator of the Little Ant Man
Yale & Harvard Program
21 years a salesman on the road—now on the air—Merchandizing Ideas—and their proper presentation.

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11 years in the Radio business in Los Angeles. Call on us or phone for free advice in regard to modernizing your Radio set.

Authorized Sales and Service
ATWATER KENT CROSLEY FEDERAL FADA
ROLA AND WESTERN ELECTRIC SPEAKERS
During service hours Yale Batteries deliver a steady stream of pulsing power. Because of their exceptional recuperative powers while idle, they yield a premium—a PLUS supply of power! That's why Yale Batteries cost you less per hour of reception.

CHILTON & GRANT RADIO CO.
2011 Chester Ave. Phone 578 Bakersfield, Calif.
Q. and A.

(Continued from Page 33)

where we may expect radical or sensational developments of a "revolutionary" nature.

As to the new tube—the limitations of our standard "A" type of tube as a radio frequency amplifier has been set by the comparatively high value of inter-electrode capacity. That is, the plate and grid circuits are coupled together because of the capacity between the two circuits afforded by the elements of the tube themselves. Various methods of counteracting this internal tube capacity have been used, such as the Hazleton neutralizing system. But to overcome this obstacle in the tube itself is the goal toward which certain tube engineers have been laboring and the announced UX-222 is the result. In addition to the ordinary grid, which now must be called the "control grid" (to distinguish it from the new member, called the "screen grid") there is the new screen arrangement which in effect shields the plate from the other elements. The "screen grid" carries a positive potential and functions to overcome the inter-element capacity effect by reducing the electro-static field. The tube thus becomes self-neutralized, with the result that amplification may be carried to a high value without oscillation of the tube interfering.

Used in an RF amplifier in the broadcast frequency band, it is claimed that a tube amplification of 40 per stage is obtainable, while as an intermediate amplified in a superheterodyne, where low frequencies are handled, the amplification may be as great as 200 per stage.

It is necessary to shield the tube and certain other parts of the circuits used with it. Individual tube shields, such as Tyrman has used with standard tubes, now become essential. No doubt there will shortly be several kit sets offered using the new type of tubes, when a more accurate idea of the worth of the tubes may be formed. An independent manufacturer already has a similar tube on the market.

Studio News

(Continued from Page 34)

Four telephone men were up at the studio of KGFJ this week wondering what to do about the hundreds of calls that come to their studio daily.

KPLA proudly announces the "signing up" of the White King Quartet and the Mission Bell Trio. The latter artists have proven very popular in the past, over various stations, but will now be an exclusive KPLA feature, furnishing the dinner hour music on their schedule.

Two other changes have been effected in KPO's schedule. The recently inaugurated Board of Education program, presented hithertofore on Friday evenings, will be given in the future on Thursday evenings, from 6:30 to 7 o'clock. The new series of dinner concerts, which was begun recently under the auspices of the Sussman and Worsmer Company, will now be given on Monday, Wednesday and Friday evenings, from 6:30 to 7 o'clock.
December 10

Radio Doings

Timely Trade Topics

The Howard Radio Distributing Company, formerly of 6229 Banner Place, has just moved into a beautiful new store at 1236 Maple avenue.

Mr. Stuart had to come to the Radio Center, and it is predicted that it will not be very long before all the Radio Jobbers are located within a radius of two blocks of Twelfth and Wall streets.

Mr. A. J. Tobey, president of the A. J. Tobey Company, of 1145 Wall street, has just returned from a few days' vacation spent in the Imperial Valley, where he had some wonderful quail and duck shooting.

The Tobey Company are in the midst of a big season, successfully merchandising such lines as Philco, Friend-Eisemann, Arborphone and Golden Bear.

The Karas Company of Chicago, Ill., manufacturers of the famous Karas Kits and AC transformers, have just appointed Mr. E. M. Park, Southern California representative. Mr. Park will have his office and warehouse at 316 Commercial street, telephone TRinity 9431.

Mr. Les Taufenbach, president of Western Radio, Inc., has just returned from a trip to San Francisco and Northern California.

Mr. Lee Yount, owner of the Guardian Radio Service of 1915 West Ninth street, Los Angeles, reports that the servicing of radio receivers has become so large that he and his service-men have had to work day and night to keep up with the orders which keep pouring in. A good service business is as necessary to radio as a good garage is to the automotive industry.

Ralph Gaut, All-Henry authorized dealer at Hermosa Beach, is located at 1028 Manhattan Avenue, in spite of the fact that his address has been given incorrectly twice in advertisements in Radio Doings. Unfortunately we have had Mr. Gaut moving all over Hermosa, but in this issue, by mutual agreement between type-setters, proof-readers, etc., we have him where he actually is, at 1028 Manhattan, Hermosa.

That set builders regard Electrad Royalties as the standard among variable High resistances is evidenced by their wide and growing use among fans building sets.

These resistances have received the endorsement of many leading radio authorities wherever resistance of this type are required in the circuits. Among the features that make for their accuracy and practicability are the following:

1—Resistance always the same at the same point; 2—contact made positive by metallic arm on wire wound strip; 3—entire range of resistance covered with one turn of the knob; 4—resistance value under control in manufacture and does not change with use.

Lombard J. Smith, 324 North San Pedro street, Los Angeles, has been appointed California representative for the McMillan line of receivers.

A. F. Zimmerman, who for nearly three years was in charge of the service department of the Four-Square Radio, Compton, Cal., has just opened the Rex Music Company, at 2248 Burton avenue, Willowbrook (in the Lynwood district). Mr. Zimmerman will feature Crosley Radio, as well as sheet music, pianos and band and orchestra instruments.
An Ideal Combination!

Good Reception and RADIO DOINGS.

RADIO DOINGS is a weekly directory showing just what station to tune in for a favorite piece or program.

The programs of leading stations are conveniently arranged in detail, hour by hour.

Concise and interesting topics covering the entire field of radio keep you posted weekly and furnish enjoyable recreational reading as well.

A miniature log section of all American stations over 250 watts is corrected and presented each week.

You will be agreeably surprised at the additional pleasure of listening-in!

RADIO DOINGS, 407 East Pico St., Los Angeles, Calif.

Or

RADIO DOINGS, 927 Hearst Bldg., San Francisco, Calif.

Gentlemen: Enclosed find $3.00. Please mail RADIO DOINGS to my address each week for one year.

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City and State: ...........................................

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846 Walnut

LONG BEACH
Cobler Radio Shoppe
216 Pine Avenue

LOS ANGELES
Anderson Radio
9114 ½ South Vermont

Motley Electric
7761 Santa Monica Blvd.

LYNWOOD
Wylde Electric Co.
11425 Long Beach Blvd.

SANTA MONICA
J. C. Suits
825 Wilshire Blvd.

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K. D. Miller
210 South Greenleaf Ave.

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HERBERT H. HORN
1629 S. Hill St. Los Angeles WE. 6331
Bosch Radio delights me by its clearness and the rich coloring of the tones, both vocal and instrumental.

All Bosch Sets may be had with either DC or AC operation direct from your light socket.

Many Models to Choose From—Prices from $68.50 to $340.00

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Yale Radio Electric Co.

Exclusive Wholesale Distributors

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