

RADIO DOINGS

THE RED BOOK OF RADIO

COPYRIGHTED TIME TABLES OF THE
LEADING BROADCAST STATIONS - DETAILED
DAILY PROGRAMS - LATEST RADIO NEWS

5¢
WEEKLY



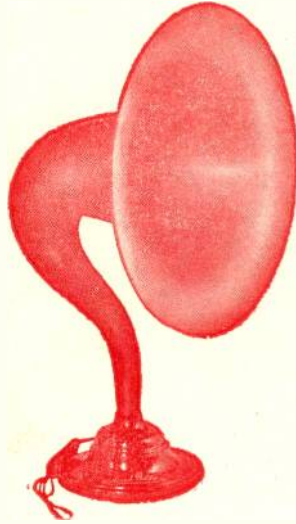
Vol. VIII. FEBRUARY 14-20, 1926 No. 7

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Not Genuine Without Signature

Concert
Model



Price
\$30

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Radio Doings

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"The Red Book of Radio"

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Vol. VIII Los Angeles FEBRUARY 13, 1926 San Francisco No. 7

THIS WEEK'S FEATURES

1. THE RADIO LISTENERS LEAGUE.
2. "THE WHY OF RADIO" (Thirty-third installment).
3. QUESTIONS AND ANSWERS.
4. LISTENERS-IN CLUB CORRESPONDENCE."
5. LATEST RADIO TOPICS OF THE DAY.
6. DESCRIPTION AND DIAGRAM OF B BATTERY
CURRENT SUPPLY EQUIPMENT.
7. RADIO DOINGS' COPYRIGHTED "DIALOGRAMS."
8. TIMELY PHOTOS.
9. OUT OF THE AIR—SHORT ITEMS OF INTEREST.
10. RADIO TRADE ITEMS.

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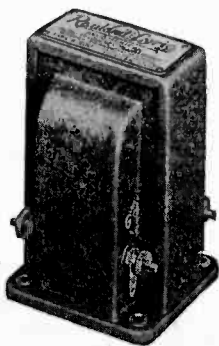
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When a Finer Transformer Is Made It Will Bear This Name-Plate

Radio moves rapidly. Perhaps some time there may be seen a *better* transformer than what we *now* know as Rauland-Lyric. It may sell at \$9, or \$10, or \$15, or \$7. But the careful observer of the past year's developments will entertain not a moment's doubt of one thing: when the better transformer comes it will come beneath the famous Rauland-Lyric name-plate. Behind this as a pledge rests the entire organization and resources of the All-American Radio Corporation.

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610 Kit

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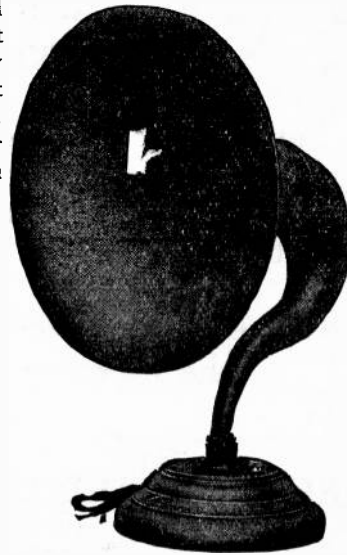
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LOS ANGELES

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TRIMM Concert is designed for the present day radio user who wants absolutely the best. The entire scale of musical tone is reproduced with such perfect fidelity, and complete preservation of the original tonal values that you can, with real enjoyment listen to an entire evenings' program without strain. Horn and tone chamber are genuine Volconite, the reproducer, extra large, gives a full, rounded tone with never a trace of distortion or chattering. The exclusive TRIMM adjustment permits instant regulation of volume, to any degree you wish, without forcing either set or speaker. There is a good dealer near you who will gladly give you a demonstration.

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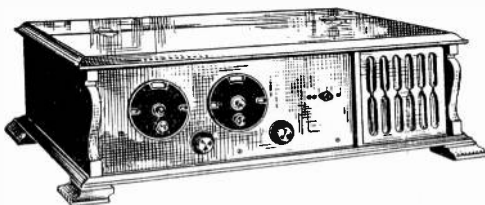
Model 80

\$25⁰⁰

No "A" or "B" Batteries Or Aerials--

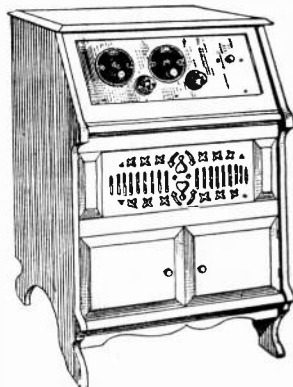
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The Latest in Radio
Receivers



De Luxe Cabinet, complete with Built-in Loud Speaker.

\$125.00



Superb Console, finished in tone to suit purchaser, complete with Built-in Loud Speaker.

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PERFECT RECEPTION

Just Plug In on Your Lighting Current and Attach a Ground Wire. Subjected to thorough Laboratory and Factory Tests for 18 months before being placed on the market.

Every Part of This Receiver, Including the Tubes, Is Guaranteed for One Year

This guarantee is backed by a \$25,000 plant especially equipped to make every part of the set, including the cabinets.

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JOE BELL,
635 W. Broadway,
Long Beach, Cal.

SPRING AND PETERSON,
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San Pedro, Cal.

C. M. HIRLINGER,
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P. O. Address: Bell, Cal.

Or Write To

WALTERIA RADIO SHOPS

WALTERIA, CAL.

MAIL ADDRESS: R. 1, BOX 471, LOMITA, CAL.

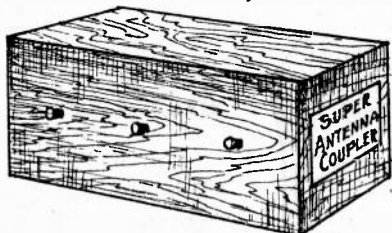
Manufactured in Southern California by Southern California Capital

The DX- SUPER ANTENNA COUPLER

Wonder Box of Radio

Increase your distance—clarify signals—improve selectivity. Do away with the unsightly loop. This device is much more effective than a loop and will work on any loop operated set. Works with any antenna anywhere—under ground, under water, outside or inside.

The DX Super Antenna Coupler Wonder Box of Radio



Size 7 in. x 4 in. x 4 in.—Walnut Finish

GUARANTEED

- I. To greatly increase the signal strength on any loop operated receiver.
- II. To improve quality of reception.
- III. To increase selectivity.
- IV. To be mechanically right.

Price \$7.50

Factory Direct to You

For Sale by Us Only

The DX Super Antenna Coupler is a proven success—proven by continued experiments on all types of loop sets. Can be used either in conjunction with loop or by direct connection with the set.

Our sales plan, selling direct from factory to you, enables us to sell this article for \$7.50 which otherwise would cost you \$12.50 or more.

Enclose your check or money order today for a DX Super Antenna Coupler. Price \$7.50 anywhere in United States. We will mail same to you, together with a money back guarantee of performance and workmanship.

RADIO PRODUCTS COMPANY

6228 DeLongpre Ave.

Los Angeles, Calif.

Be sure when writing to mention the name of the receiver.

ENGLAND (BROADCAST FROM 5XX)

To California (RECEIVED ON RADIOGRAPH II)

Result of the Test during International Broadcast Week

Paul Specht's Famous Canadian Band playing in Daventry, England, received on a

RADIOGRAPH II



COPY TELEGRAM FROM RADIO DIGEST

3 BY CC18 COLLECT NITE
BN CHICAGO ILL JAN 27 1926
W A MCDONALD
644 4TH AVE TEL 214 CHULA VISTA CALIF
ANSWERING YO'RS EVEN DATE 5XX DAVENTRY
ENGLAND BROADCASTING PAUL SPECHTS CANA-
DIAN BAND CONGRATULATIONS ON RECEPTION
RADIO DIGEST
JAN 28 8:27 AM

This reception was received by Wm. A. MacDonald on a Radiograph II loud speaker volume—no head phones used.

Radiograph II, rightly named "Wizard of the Air," stands alone as a LONG DISTANCE RECEIVER

Watch for Other Announcements on Distance Reception

ROY B. JONES

310 E. 12th St.
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Phone WEastmore 3178

A few Exclusive Dealer Franchises still open

Phone Market 1458

Brick-bats and Bouquets

"YES SIR-E-E—AND WE DON'T MEAN MAYBE"

EXTRACTS from only a few letters recently received:—

"Seventy-four stations; all distant in the past two weeks with the WILSON STATIC ELIMINATOR on loud speaker, using Roberts five-tube set. The 'ole can' of Wilson's is a life saver, for I was thinking of busting up the set a couple of weeks ago, but try to get it now. I get Cuba, too."

"Cuba and seventy other stations in the past week on my new 30 Kennedy. I could not have done it only for the little something that took out the noise. There is one thing it won't do and that is separate two stations that are the same wave length but give it a couple of points difference and it will clear them up."

"I can receive Laramie, Wyo., now and not have dogs and cats fighting over it. I am more than satisfied with my WILSON STATIC ELIMINATOR. It has improved my set so much that I am now writing for some advice about antenna and ground."

"There is no question it does eliminate the static noise. Ever so little movement of the regulator makes it soften down. It has a gradual softening on the high-power stations. My set is a reflex operating on light socket power, right among X-Ray and Violet-Ray instruments. Am in the business district on the second floor in this city (not Los Angeles)."

"Following your instructions about antenna or aerial I have received a 50 per cent increase in my five-tube set. Let the D.Xers slant their eyes on this log for three nights dial twisting; they all came in on loud speaker with no interference. (They are numerous—reaching from Canada to three in Mexico and from Honolulu to Boston, with three New York City stations, and one 10-watt station in Florida.)"

Have you ever had Miami, Florida, on the loud speaker for one and one-half hours continuous? The party says that a WILSON STATIC ELIMINATOR made it possible for him to do so.

NOW IF IT MAKES IT POSSIBLE FOR THE OTHER FELLOW TO GET THE ABOVE RESULTS, WHAT KIND OF A BOUQUET WILL YOU PICK WHEN YOU GET YOUR WILSON STATIC ELIMINATOR?

You better hurry if you expect to get it at the reduced price of \$2.00. Remember, we told you that the price advances on Feb. 15th to \$3.00.

This issue of the "little ole red" book leaves the press Wednesday and we are going to give you a few days' grace if you tear off the address at the end of this page and forward immediately.

Send for our new circular just off press. It tells how to get volume and value from the air with your antenna or aerial instead of getting it all from your batteries. It is very complete and the last word in getting clear reception. It is free—also sent with all WILSON STATIC ELIMINATORS.

Purchasers of Eliminators that have not received the "WHY IS WILSON STATIC ELIMINATOR THE MISSING LINK OF RADIO?" send postcard and same will be sent free. It gives wonderful information that will improve your reception.

WILSON STATIC ELIMINATOR, Dept. 8
9428 So. Budlong Ave., Los Angeles, Cal.

Remember: We are giving a wonderful prize for the best letter showing improvement in reception where you are using our Eliminator—it's a 5-tube late model radio. You have until April 1st to send it in.

Ye Editor's Opinion

A Radio Owners' League

FOR many months Radio Doings has been besieged by enthusiastic radio owners urging the formation of a listeners-in or radio owners league. Many have called in person at the offices of this publication and others have written interesting and convincing letters, detailing the benefits to be derived from a concerted effort on the part of the radio owner for the betterment of radio.

It is pointed out that while the radio manufacturer, the merchandiser of sets and equipment and the broadcaster is organized for the betterment of his particular branch of radio that the radio consuming public, owners of five million sets with approximately three or four billion dollars invested in radio sets and constituting an audience that hundreds of thousands of dollars are being spent by advertisers to reach, have little if any organization, and are practically helpless when it comes to machinery for putting into force any movement for the protection of their interests.

In a number of cities in the East these leagues have been formed and are proving very effective, aiding not alone their own members but materially assisting both the radio merchandiser and the broadcaster. Some of these organizations boast a vast membership and their dues placed at a nominal figure within the reach of all have proven to be a splendid investment for the individual citizen who alone is helpless in the face of conditions that interfere with his enjoyment of his set.

Within the past few weeks several enthusiastic listeners-in on the Pacific Coast have taken it upon themselves to make an effort toward bringing the organization idea to a head. Plans are now being perfected which will soon be submitted to the public for the actual formation of a Pacific radio owners' league. It is proposed to not alone handle the ordinary problems that confront the radio owner but to furnish service that will exceed in value the actual expenditure for dues or initiation.

The government has recently called attention to the fact that while it is doing all that it possibly can to remove

or stop the many causes of interference in reception that this is largely a matter that must be taken in hand by the radio owner and that each owner must constitute himself a monitor to note various causes of interference and take whatever means he can with government help to check this evil. This is one of the matters that the league proposes to handle as an organization. Another is the matter of servicing sets. The proposed league will make service arrangements with dealers in each district, using the various ones in turn and free service will be given to all members within reasonable limits.

Technical advice will also be furnished set owners who join the league. The dues will cover this service. It is proposed to establish a laboratory where members who have new ideas that they desire to develop may be enabled to work under favorable conditions and with proper tools and equipment. By purchasing from the retailer in large quantities the league also expects to be able to give its members a five or ten per cent discount on all accessories and equipment.

The league also proposes to sponsor radio programs through the year. All members will be given an opportunity to make known their preferences as regards entertainment and various programs will be broadcast. The plan is to sponsor at least one program a month and to divide them equal with the various stations.

Radio Doings will be glad to hear the views of radio owners on the proposed league. This is a matter that should be thoroughly discussed and this publication invites listeners-in to tell their fellow radio fans what they think about it.

EDWARD ROBERTS.

Roll Back Your Rugs

Above is shown pretty Adrienne Dore, "Miss Los Angeles," who won second prize in "Miss America" contest at Atlantic City, telling the KFI audience what a contest winner thinks about. Below is Kathryn McGuire and Leslie Adams, KFI announcer, who put the Charleston on the Radio map.



The Why of Radio

By N. E. BROWN, Radio Technician

Associate Member Institute Electrical Engineers, Member Society of Mechanical Engineers

EDITOR'S NOTE:—*This is the thirty-third installment of RADIO DOINGS' complete Course in Radio. It began with the issue of July 4th, 1925, and will cover every phase of radio from the basic principles to and including every device and set now in use. This course will be continued from week to week.*

The really big problem of radio today is to supply both A and B current for any radio set from the lighting circuit, and to do so at once economically and satisfactorily. The problem is not to provide this service at any cost, just so it is nearly perfect, for that can be done, and could have been done at almost any time in the past; nor is the problem one of providing something at a low cost without regard to the results obtained, for that has been done, and is being done every day by the use of various combinations of bell ringing transformers, audio transformers and Ford coils in connection with 301A tubes for rectifiers. These combinations leave so much to be desired that they have nothing beyond their low cost to recommend them.

In this series of articles, under the caption of THE WHY OF RADIO, an honest, sincere attempt will be made to place before the reader a picture of this problem as viewed from many angles to the end that the needs of everyone may be met as completely as possible. If we, the listeners-in, could only know the pains and great expense taken in the construction of the modern broadcast station that the beautiful tones of the highly-trained voices, wonderful pipe organs costing thousands of dollars and the sweet-toned string and wind instruments might be faithfully reproduced in your home and mine, we would not be satisfied with receivers and equipment that mutilate the wonderful programs and make all this care and expense in building these stations of no avail.

The day is rapidly approaching when

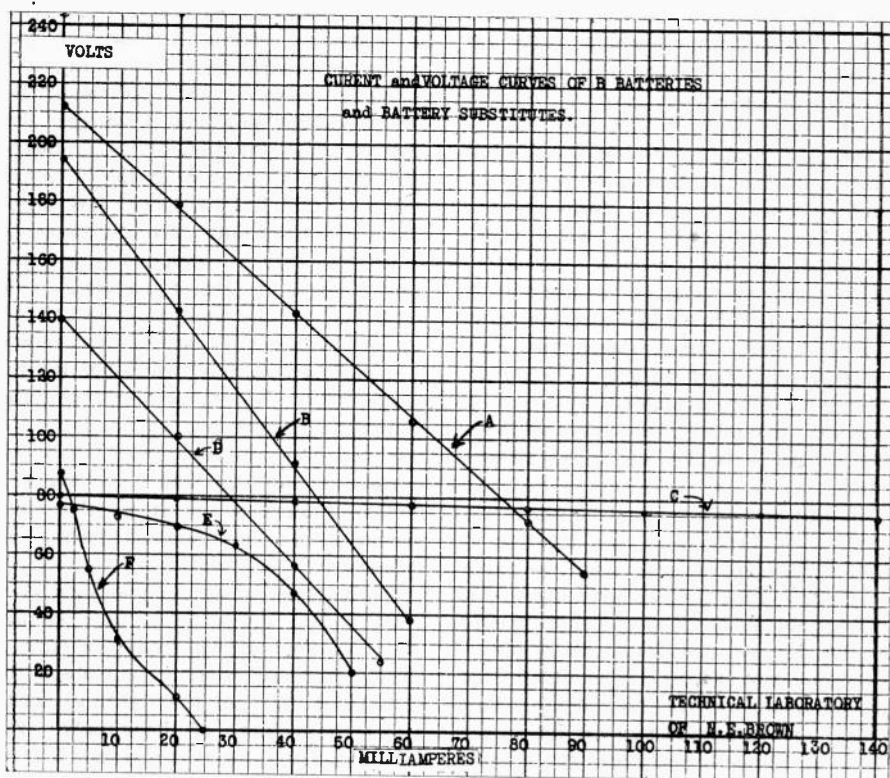
the demand in radio receivers will be for the BEST of quality with a high degree of SELECTIVITY with sensitivity, or distance getting, a more or less minor consideration. There are two forces at work in this direction; the advent of the powerful broadcast station and the elevation of the radio receiver from that of a curiosity to the level of the Italian harp, the grand piano and the violin. To get these results the current supplied the tubes must be of a uniform and smooth character without the ripples of the lighting current being present in an amount that can be discerned when holding the ear close to the reproducer when full amplification is being had and no station tuned in; nothing more than this is required, for this would produce perfect reproduction so far as the noise provided by the operating current is concerned.

The next point to be considered is to what extent does the voltage change with the load drawn from the current supply, and to what extent does the voltage changes of the lighting circuit affect the voltage of the supply. The seriousness of this is not so much from the point of variation in volume as these changes take place, but rather that these changes affect the plate current voltage delivered to the audio amplifying tubes and produce distortion because, if the C batteries are of a proper voltage to give the least distortion with a certain plate voltage, a change of this plate supply voltage will cause distortion of a nature depending on the amount of this variation. Let us study the curves accompanying this

The Why of Radio—Continued

article. Curve A was taken from a current supply much like the one described elsewhere in this issue, using a Ratheon tube associated with transformers, choke coils, condensers, etc., now to be had at most radio stores. Curve B shows the same tube in connection with equipment of a "home-made variety,"

the number of audio stages, as has been the custom, because the detector and audio amplifiers are working with more nearly constant loads, and adjustments for quality can be made under these conditions and left so. Then let us look at the next curve designated as C. This shows what 48 cells of an old stor-



using what lay at hand. Either of these will provide excellent results if the same number of tubes are used all the time, and the C batteries adjusted to meet these conditions and variations in volume had by shunting the output of the radio amplifiers by some of the high grade variable resistances now on the market, and while we are on this point, let it be suggested that this is much more desirable than to change

age battery do when you stack the load on it, notice how even and straight it is, and note that most of the loss in voltage is due to the resistance of fine wire fuses placed in the positive lead of each group, and the daily or weekly variation in this 400-volt battery is a matter of only 2 or 3%. They are charged about once per week by merely throwing a switch, and require water about once in six months, and are

The Why of Radio—Continued

called on to carry very heavy loads from time to time. This is the ideal supply, and more will be said about it later.

Curve D was taken from a device using two 201-A tubes as rectifiers, giving full wave rectification, and assembled from home-made parts. Now, inspect the curve E, which was taken from four 22-½ dry battery B batteries which had served in a small four-tube set for some three or four months. It will be seen that these batteries would provide current for the average well-constructed five-tube set with C battery with a loss in voltage of only about 10% less than when on open circuit. Not so bad, is it?

Curve F was taken from an outfit consisting of bell ringing transformers and 201-A tube, and shows clearly what may be expected of this makeshift equipment. In order that no one may think these curves might be affected by the current taken by the voltmeter I will explain that they were all taken by a "hookup" in which the voltage being measured is balanced through a sensitive galvanometer by another equal and opposite voltage until the galvanometer reads 0, and the voltmeter, which is measuring this balancing voltage, takes its current from this source, and not through the galvanometer and from the voltage being measured. In other words, the galvanometer shows that no current is passing from one circuit to the other when it reads zero, and that the voltages on each side of it are equal, and at this moment the reading of the D.C. voltmeter is taken. This hookup will be published later with others used in this series of articles.

The writer has been asked many times to explain why it is when an attempt is made to take a voltage reading from this and that B battery eliminator

they can get little or no reading on the voltmeter, and the reason is that there is so little current provided by some of these eliminators that even a good voltmeter will not be affected by them. Some of the poorer types can hardly be called current supplies when they will give only a feeble kick to a voltmeter of fairly good design. There are a lot of points that deserve consideration in the selection of a source of current for the radio set, such as, the first cost, the cost of maintenance in care, and the addition of water, the cost of replacements of tubes, new solutions and electrodes in the electrolytic types, and the cost of current taken from the lighting circuit. Then what happens to them if they are neglected, or if it is desired to leave them in a condition of non-use for periods of time? How much space do they take up, are they noisy or are objectionable fumes produced in their use?

What will be the normal life of the equipment, and what is the probability of certain necessary parts going off the market, rendering the outfit unsalable or obsolete? So far no consideration has been given to the current necessary for heating the filaments of the tubes, the plate current only being discussed, but the need of filament current is just as ever present as that for the plate supply, and because of the great volume required is much more of a problem than the B battery eliminator. We have been told from time to time that the A.C. heated tubes had come, but in this connection the writer is reminded of the joke regarding the universal language called Volpek, and in answer to the question as to who speaks this universal tongue, he was told, "No one," and where is the A.C. tube? Certain types of receivers using crystal detectors are often provided

(Continued on Page 91)

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Questions and Answers

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By N. E. BROWN, A.I.E.E. and A.S.M.E.
Technical Editor, Radio Doings

QUESTION—I have four-tube Roberts set and find that upon timing in a signal and attempting to build up the signal by regeneration it will spill over and give a series of clicks instead of the steady whistle usually had; what is wrong?

H. M. WHITNEY,
Phoenix, Ariz.

ANSWER—The writer believes you will find either some grid return in your audio amplifier is open or you are using a grid leak of too high a resistance.

QUESTION—How do the variations in the plate current of one radio amplifying tube impress alternating voltages on the grid of the next tube? As I understand it, the plate current is a pulsating D. C. current, and not an alternating current.

B. B. MIDDLETON,
Anaconda, Mont.

ANSWER—Any pulsating current may be resolved into two components; a direct current and an alternating current which may be considered as superposed upon this direct current; another way to look at it is to change the position of the datum line, or line of zero voltage, or current.

If this zero line is drawn tangent to the lower part of the current or voltage curve, the curve will be entirely above and may be considered as a pulsating current, varying from zero to a maximum positive value, or if the zero line is drawn tangent to the top of this curve, from zero to a maximum negative and if this line is drawn half-way between these two positions, we will note it represents an alternating current varying an amount equal to half the maximum value as before, above and below this zero line, or from zero to $\frac{1}{2}$ posi-

tive and zero to $\frac{1}{2}$ negative. Now going back to the first part of the answer it will be clear that if there are two components, one a steady value of D. C. current passing through the primary winding of the radio transformer (or audio transformer, as the conditions are alike) and the other an alternating current, the constant or steady current in the primary cannot induce a corresponding direct or steady current in the grid or secondary winding of the transformer because unless there is a variation in the magnetic field of the primary there can be no current induced in the secondary, and as we have just stated, this direct or steady value DOES NOT cause a varying field; hence the mutual inductive relations between two coupled circuits repeat, or transfer, only the varying component and automatically disregards or eliminates any steady value current.

We trust this will clear the point up for you and others; follow the explanation and if it is not clear re-read and make the actual sketches as outlined and we think the mist will clear away.

QUESTION—I have a six-tube Radiola Superheterodyne and am troubled by noise from a D. C. lighting plant. What can I do to remedy it?

ELMER KING,
Goodyear's Bar, Calif.

ANSWER—Determine which of the generators or motors is causing the trouble by listening as each is started or shut down. If trouble is due some one, look over brushes and commutator to learn the nature of the trouble and use the remedy that seems to be required. If the plant is of any size and you cannot isolate and remedy some part, try grounding one side and then the other

Questions and Answers—Continued

through suitable fuses to provide protection in case of a ground on the other side. You do not provide much information, but if you are not successful, a full description of the whole layout might help us, although if we guess rightly, a satisfactory reduction of the evil will be expensive.

QUESTION—I have a model 12 Atwater Kent set and would like to make it tune in lower stations. How may I do so?

A. LARSON,
Wilmington, Cal.

ANSWER—Make a trial by removing four or five turns from the grid end of each of the radio frequency transformers and note the increased readings on the dials for the lowest station before making this change and then by proportion and one or two trials you can get the required results. Check the highest tuning you desire and see that you do not lose more at this point than you wish.

QUESTION—What effect will a steel water tank and tower some 250 feet from my home have upon my receiving set?

W. J. BEYMER,
Lynwood, Calif.

ANSWER—This is hard to anticipate; it might have little effect other than to shield a station whose signal would be intercepted by the tower and tank; it might affect only stations whose wavelength were the same as, or near, the natural electrical period of the tank and tower. Again it might reduce the signal strength of all stations and it might not affect any at all.

The Bureau of Standards have plotted curves near the Washington Monument, which showed a shifting or bending of the paths of the radio waves, but it does not seem to furnish anything upon which exact determinations might be

based. An exact report might be had by carefully checking how each station comes in with the tank and tower in place and then dynamite the whole works and make up another check of reception.

If you decide to do this, please let the Technical Editor know, and he will be pleased to help you; we might split the moving picture rights between us.

QUESTION—How can I make my five-tube set more selective?

HENRY WRIGHT,
St. Anthony, Idaho.

ANSWER—It is pretty hard to answer such a question with no more information than is provided and the Technical Editor delights in a brief statement that provides sufficient details to enable him to arrive at some reasonable solution of your troubles, but here goes: Broad tuning when the receiver is not subjected to nearby powerful stations which force themselves by impact excitation of the tuned circuits of the receiver, may be the result of the following causes. Too long or too many wires in the antenna. High resistance in the antenna or ground leads; coupling between antenna and tuned circuits too close; high resistance in the condenser bearing (if no pig tails are provided) or in the tuned circuits otherwise; antenna lead being carried near and over the two radio transformers if there are two radio stages, or coupling in some other manner provided between the antenna, antenna coil and the other stages of radio amplification, as might be had if the coils were placed so as to mingle their magnetic fluxes. Determine if the set itself is normal, if not correct; if set is normal a wave trap may be constructed by making a coil of such a number of turns and diameter as will tune over the band that gives you trouble with some spare condenser

Questions and Answers—Continued

and after winding about 1-16-inch of paper on top and at the center of this winding wind from two to six turns of wire on this paper strip and connect this coil to your antenna and to the antenna post of your set and tune this trap to a point that will reduce the undesired station as much as possible. If this does not give the desired degree of selectivity the addition of an additional stage of tuned radio amplification, such as the Walbert Penetrola might be tried.

QUESTION—What is meant by "Remote Control" and "Rebroadcasting" and "Simultaneous Broadcasting?"

F. L. BRYANT,
Pearce, Ariz.

ANSWER—The term remote control has been used in light and power plants to designate the manual operation of switches and other electrical equipment from a distance, which may be anything from a few feet to a mile. In radio it is used to mean that the operation of a transmitter (such as KFI, KNX, etc.), is controlled from a distance which may be a building other than that which houses the transmitting equipment; another city; another state, or such as when the President spoke in Washington, D. C., and the local radiophone transmitter was so CONTROLLED by the voice currents transmitted by telephone as to reproduce his words.

"Rebroadcasting" means that the program broadcast by station KPSN, for instance, is received at San Francisco on a radio receiving set, reamplified to a desired level and the energy so picked up and amplified used to control the energy radiated by KGO on another wave-length for the benefit of KGO's listeners.

"Simultaneous Broadcasting" is a term applied when two broadcasting stations are controlled from one studio by the

same microphone currents, such as when KFI and KPO operating on separate wave-lengths broadcast the same program, the connection that has been used between them has been the telephone lines between them and San Francisco. Let us presume another condition; let Hastings, Neb., transmit a program on its short wave and suppose KGO, in San Francisco, and KNX, in Los Angeles, rebroadcast this Hastings program, would it not be simultaneous rebroadcasting? It would seem that the above should make the application of the terms clear, if not, we will try again for the asking.

QUESTION—I have a regenerative set which will not regenerate from 240 to 280 meters; what will I do?

EDWARD STEEL, Red Lodge, Mont.

ANSWER—The information you have given is quite meager, but we will answer the question on the assumption that the set in question will regenerate both above and below this band, but not between the limits mentioned: When a regenerative set is oscillating, it is essentially an oscillating circuit, and as such, will refuse to oscillate at any frequency when the energy removed from the circuit does not leave enough to overcome all the losses of this circuit with a finite surplus. If you tightly couple your antenna circuit to your detector grid coil and put the circuit in oscillation you can arrest this action by tuning the antenna to the same frequency as the oscillating circuit, in this condition the antenna will form an absorption circuit and dissipate all energy available and oscillation will cease. The writer therefore assumes that either your antenna or some other circuit to which the detector grid coil is or may be coupled responds to this band and stops oscillation as explained. The remedy will be obvious.

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MECHANICALLY inclined men—age 20 to 50—wanted to Learn Electricity and Automotive trades. Short, easy, and thoroughly practical courses qualify you in short time for any position you want. Plenty of opportunities for Trained Men.

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LOS ANGELES

Gifts for Radio Doings Readers

Elsewhere in this issue appears an advertisement of the Radio Shopping News, which is broadcast daily except Sunday from station KNX, Hollywood, Calif., between the hours of 9 and 10 a. m., by Carrie Preston Rittmeister.

Mrs. Rittmeister is no stranger to radio fans or performers, she having occupied the position as assistant to "Uncle John" Daggett at KHJ, and later Program Manager and Studio Director at KNX, Hollywood. Commencing with her daily talks on Monday, Feb. 15, over radio station KNX, and each day thereafter, Mrs. Rittmeister will announce the name of a radio owner and subscriber to Radio Doings. Should this person hear his or her name announced and will either wire or write to Mrs. Rittmeister at KNX, specifying the exact time of this reception, this person will be the recipient of a beautiful gift.

Radio programmes broadcast at Durban and at Johannesburg are received on the few sets owned in Portugese East Africa, Consul L. H. Gourley, Lourence Marques, informs the Department of Commerce. An annual fee is collected for each set in use. It is not probable that the market for radio receiving sets will ever be a considerable one.

From London comes a report on a "Baby" transmitter, easily handled by a single person. This set is rated at only 0.41 watts dry battery power, but is capable of adjustments to operate on wave lengths between 2 and 300 meters. It is believed a forerunner of great interest and activity on short waves among the amateurs.

Northern and Southern Stars

Top right—Dorothy Clute, mezzo-soprano, featured on KGO's February 12 program from 3:00 to 4:00 p. m. Left—Helen Bacigalupe, soprano, who will be heard over KGO Thursday night, February 18, at 8 o'clock. Below—"Uncle Remus" of KHJ, with his ever-ready smile.



FAR AND NEAR

EQUALLY CLEAR

GILFILLAN RADIO

*A reasonable price
for a wonderful value!*



Here is the ideal radio outfit for the family. The handsome little table is made of brown mahogany to match the set. The loud speaker in the table is the latest reflex type, producing a most beautiful tone quality. There is space for all batteries and the whole outfit takes up very little room. The combination GN-4 set and table is priced, without accessories, at \$85.

See this attractive Gilfillan outfit at your dealers.

GILFILLAN BROS. INC.

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KANSAS CITY

THE SUPERFINE

NEW YORK CITY

IN NEUTRODYNE

Radio Topics of the Day

A Weekly Review of Radio News, Thought and Opinion

RADIO TO REPLACE PHONE?

WASHINGTON, Feb. 10.—Recent inquiries made at the Department of Commerce relative to a public trans-continental radio telephone system to compete with the line-telephone circuits, met with approval in general, although officials doubt the practicability of such a system, utilizing present apparatus.

The inquiry came from E. J. Lesser, of the Simpson Radio Corporation of Seattle, who claims that with new apparatus he can send radio-telephone messages half-way across the continent on short waves with very low power. Compared with the operative costs of line and long-wave radio circuits, the proposed system could handle messages at greatly reduced rates, he pointed out. Reduced station and construction costs, along with low maintenance costs, would aid in guaranteeing the public reasonable rates, besides, which, Mr. Lesser believes, year-round service could be guaranteed without interruptions encountered in wire systems.

Channels in the ether are already reserved by the department for public radio-phone service in the short-wave band, but today no such service exists and no applications are on file for the use of these channels. A similar project was once in operation in California between Catalina Island and Los Angeles, carrying over water for a distance of about 25 miles.

In its early days, all radio phone messages were broadcast, and proved far from private, being audible to all who happened to listen in on the wave

used. Later developments, however, eliminated this by "scrambling" the messages so that only those possessing special receivers could "unscramble" them. There are now in existence several private short-wave, point-to-point radio phone stations but the services are claimed unreliable due to the vagaries of the short waves. Improvements are being made constantly, and eventual perfection is anticipated.

Practical tests in voice transmission on short waves from the Simpson experimental station, 7XF, at Seattle to Rock Island, Ills., a distance of about 1200 miles, with only 100 watts power, the projector says, demonstrate great possibilities. The Simpson company proposes to erect a two-way station in New York to operate with the Seattle station. Similar stations are also planned in the Philippines and Alaska, where few if any commercial radio facilities exist, the residents relying upon the Naval and Army radio systems. South American interests are also reported anxious to tie on a radio phone-communicating system.

Although some governmental radio experts doubt the advisability of establishing a system of this sort, they are not disposed to hinder any form of radio development, pointing out that they have channels available for stations of this type when formal applications are made. These channels lie in public toll service bands from 105 to 85 meters; 75 to 66 meters, 60 to 54 meters and from 37.5 to about 16 meters, excepting a few channels reserved for amateurs, relaying broadcasts and mobile stations.

Radio Topics of the Day

A Weekly Review of Radio News, Thought and Opinion

RAGPICKERS RADIO FANS

Broadcast interest in France is quite nil, due to governmental restrictions, in part, the high cost of rather inferior apparatus, and the general lack of appreciation of radio's possibilities.

But there are some radio fans in Paris—scores, where there are thousands in the metropolitan centers of the United States. These residents represent all walks of life. The most amazing discovery by visiting American broadcast followers was that in the outskirts of the great city, in veritable hovels, there live the people who apparently are most conscious of the blessings of radio—the very poor who, up to the time when music came floating out of the air, had little or no enjoyment.

It was surprising to find that in thatched huts little wires were strung on the roof and the outside. Inside people were sitting evenings around their little crystal sets, made up of parts picked up on the streets or in alleys. Nowhere else did there loom up two houses in a row with antennae. Most of the sets were strung together—they could hardly be termed “constructed”—by the boys as it was in the early days of American radio development.

RADIO SCREEN CONTEST

LOS ANGELES, Feb. 11.—For the first time in local broadcasting history, a radio station is appealing to the radio public for better motion pictures.

KHJ, owned and operated by the Los Angeles Times-Mirror Company, Los Angeles, is asking its listeners and

friends to send in 200-word letters suggesting a theme or idea for a really great picture.

The Times, in collaboration with Cecil B. De Mille, noted producer and director, are sponsoring the letter-writing contest in which \$2100 in prizes will be offered.

The first prize for the most suitable idea is \$1000; second, \$300; third, \$200; fourth, \$100, and ten at \$50.

“We are making this appeal through the air,” De Mille said, “because the De Mille-Times contest editors feel it is the most productive of results.”

FIX CLOCKS BY RADIO

DENVER, Colo., Feb. 11.—Western jewelers in small centers of population are now enabled to check their master timepieces at regular intervals with the aid of special time signals which are flashed daily, except Sunday, by KOA, Denver station of the General Electric broadcasting chain.

A telegraphic dash, used to sign off noon broadcasts, is heard at the exact minute of the hour and is preceded by the following announcement from a staff member:

“The beginning of the following telegraphic dash will be exactly 00:00 o'clock, mountain standard time.”

The signal lasts one second and is followed by the station call letters, which are transmitted in the Continental code, according to Robert Owen, engineer in charge of the control room at Denver. The standard signal, which indicates the end of transmission, is then flashed.



POWER LINE TROUBLE

January 28, 1926.

Listeners-In Club:

Greetings, Messrs. Paulson, Rollisson and Bishop.

We have the noise as described by Mr. Paulson, here, and about the time mentioned, we have had it for some time, a few hours most every night and often in daytime, but it is so loud at times we get no reception whatever.

I have never mentioned it before because I did not want to take up space in Radio Doings with my own grief, but since the racket is taking in lots of territory, and I being in the middle, it is mine or someone's duty hereabouts to speak up.

One fan here stays up till the last station closes down and says when the racket is on he hears it leave the air like a snap switch, "it quits right now." This takes place somewhere between 11:30 p. m. and 2 a. m.

We have a power line here that runs from somewhere in Nevada to Los Angeles, I am 240 miles from Los Angeles and 301 miles from Reno, with a rule on the map I am in the line of action I guess, but I am sure we all will appreciate hearing from Mono county, Mina, Nevada, (maybe Mr. Baker will speak up from there) and someone in Eastern Kern or Western San Bernardino county, surely someone in these places will have a heart and help us out, so that we can give intelligent advice to the proper authorities, and cooperate with them in eliminating this nuisance.

MERLE L. SMITH.

Independence, Calif.

A WORD FROM DENVER

Denver, Colo., Jan. 20, 1926.

Listeners-In Club,

I have been reading the letters of DX fans in the Listeners-In Club column for some time, and some are for and others are against a silent night and against the stations being on the air so much of the time.

Listen, fans out in the Golden State. Denver stations are on as much and sometimes more than the Los Angeles and San Francisco stations. Each day from 5 p. m. till 1 a. m. the next day our stations are on. Sometimes one and sometimes two, three and four at a time, and they all come in in a rumble.

It costs thousands of dollars every week to run a broadcast station, paying for artists, power, royalty on music, salaries to engineers, etc. So you see, fans, we have no kick coming. We can't run the stations, so every one of us ought to be quiet and say nothing, and in time to come I think Secretary Hoover will grant every large city a silent night. So, using an old saying and making it modern, I will say, "All distant stations cometh to him who waits and has patience."

I am using a 5-tube Neutrodyne built by myself and I do not have much trouble tuning out KOA on 5000 watts. To date I have received about 250 stations and I have a very nice looking EKKO stamp album.

In answer to Mr. Frank Parker's letter, the station he mentioned was WIBO, Nelson Bros., at Chicago.

GEORGE C. FRANZ.



"RADIOITIS"

114 So. Meredith Ave., Pasadena,
Jan. 18, 1926.

Listeners-In Club:

A short time ago I was seriously stricken with "radiotitis," and have been in a critical condition since. I have only seven Radio Doings to my credit, dating from the arrival of my first symptoms.

Mr. Fred Wessock's results, with a crystal set, are quite remarkable. I wonder if he would let me know more about his receiver.

In his editorial in the issue of Jan. 17-23, Editor Roberts expressed a beautiful sentiment.

Thank you, Mr. Roberts, it was splendid.

May I call again?

CHAS. A. ROGERS.

**TO SQUAWK OR NOT
TO SQUAWK**

The following letter received by KFI opens up another avenue of service for broadcasting stations:

Taft, California,
January 14, 1926.

Dear KFI:

I am a saxophone player. I play pretty good, but I cannot squawk my reed like I hear your saxophone players do. I know just what to do with my tongue, which I do pretty well, but there is something about squawking that I don't do. Will you please write me right away how to squawk a saxophone, as I have to play with an orchestra next Tuesday night and I would like to be able to squawk for the crowd.

T. B. ZULKA.

HELP! HELP!

5613 Speedway, Venice, Calif.
Jan. 29, 1926.

Radio Doings:

Will one or more of your numerous readers please tell me who broadcast the following on Thursday, Jan. 28 (International Week)?

8:12 p. m. A singer accompanied by an orchestra.

8:15 p. m. Announcer said, "This is the third number."

8:16 p. m. Orchestra played "Yes, Sir, That's My Baby," and then three telegrams were read.

Announcements in English.

Impossible to hear call letters through regenerative multitude. Wave between 27 5 and 283.

After appealing for confirmation to all dealers in Venice and Santa Monica I have turned to our radio authority—Radio Doings. HASTINGS.

MORE HELP! !

Longvale, Calif.,
Feb. 1, 1926.

Listeners-in Club,

I take your little Red Book every week, and now I am going to ask a question concerning a call letter that I could not clearly understand.

Last night (Jan. 31), I heard a station sign off with the call letters that sounded like KFIU, which is in Alaska. The tuning was for about 225 meters, but I don't think it was Alaska.

I have a 5-tube tuned radio frequency set, and by the help of the "Red Book" I tune in on new stations every night.

Hoping someone can identify these call letters, I remain, H. WEBER.

Plate Current Supply, or B Battery Eliminator

By N. E. BROWN

Associate Member Institute Electrical Engineers, Member Society of Mechanical Engineers

This week's circuit is of an alternating current operated (light socket) plate current device. The complete circuit shown is of a type using the Raytheon tube, which is the old "S" tube in a new and smaller form, designed especially for this work. It uses no filament, being of the "short and long path" type of rectifying tube. The lower left-hand circuit shows a two-tube equipment, both of which are supplied with filaments, and is designed to connect to and work into a filter circuit similar to the one shown with the Raytheon circuit.

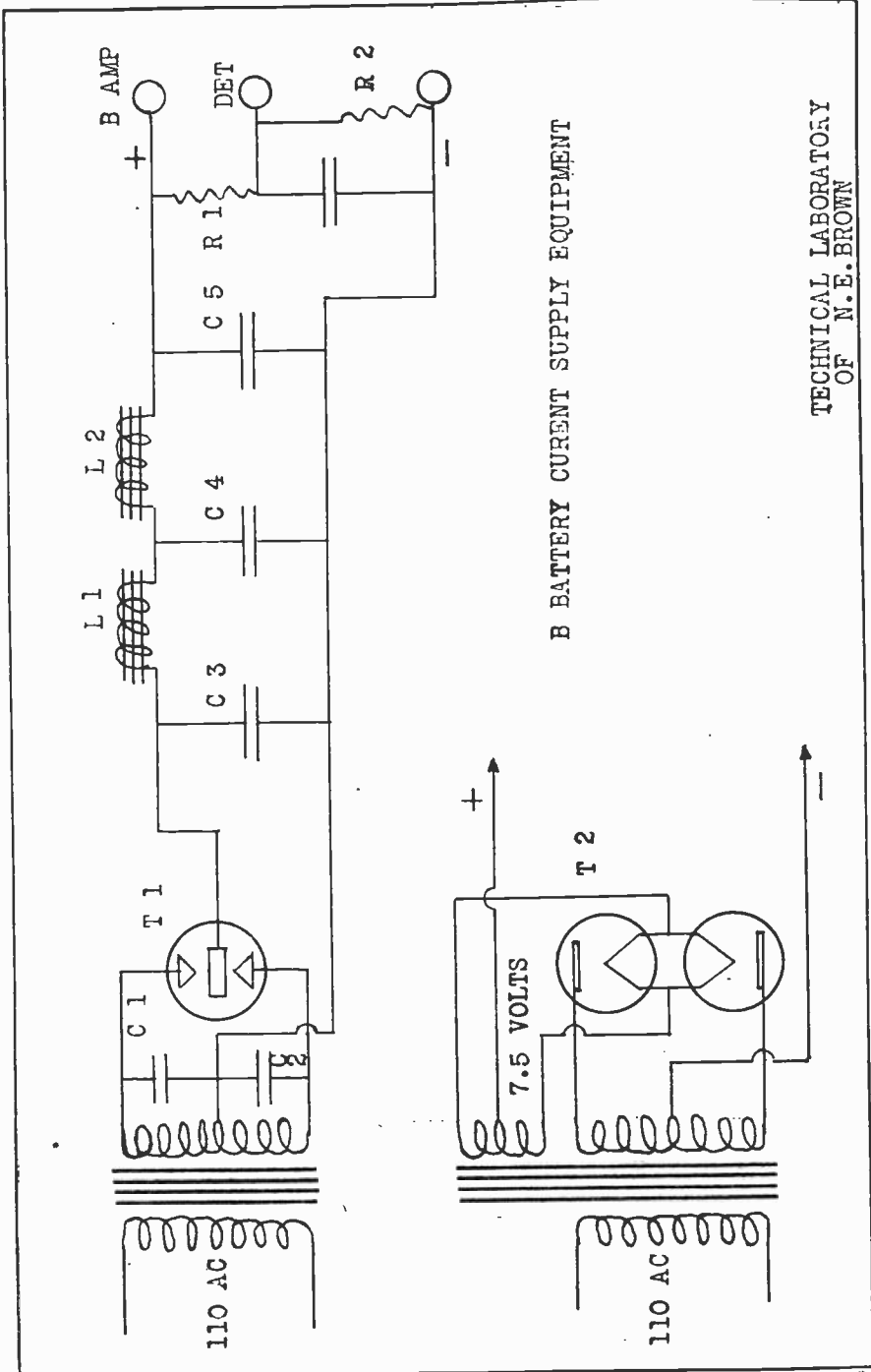
The transformer for the Raytheon tube should be designed to deliver about 275 volts each side of the center tap, and should be of low resistance windings if uniform results are to be had. The two condensers, C 1 and C 2, must be high voltage filter condensers of .1 microfarads each. The choke coils L 1 and L 2 should be of about 30 henrys each, and an ohmic resistance of approximately 300 ohms, it will not be satisfactory to use the windings of audio transformers, as the cores of these chokes must have an air gap to prevent saturation. C 3 and C 4 should be 2 microfarads, and C 5 8 microfarads, and all of high voltage type. R 1 should be a variable resistance of from 10,000 to 100,000 ohms. R 2 can well be a fixed resistance of 10,000 ohms, and the condenser connected across this resistance of from $\frac{1}{4}$ to $\frac{1}{2}$ microfarad. If proper equipment is selected and care used in the construction, very satisfactory results will be had. **REMEMBER THAT THE VOLTAGES USED ARE ABOUT 550, and as such are dangerous.**

The other circuit shown is designed to use the CX-316-B tube, which will re-

quire a filament winding capable of providing 2- $\frac{1}{2}$ amperes at 7- $\frac{1}{2}$ volts, and two windings each designed to deliver 65 milliamperes at a voltage of 550 each side of the center tap, or a total voltage of 1100 volts from plate to plate, and remember that these potentials must be regarded as very dangerous, and all work must be well insulated to stand them. This equipment will provide current of about 125 milliamperes at voltages around 450, and will be found ample for large power amplifiers.

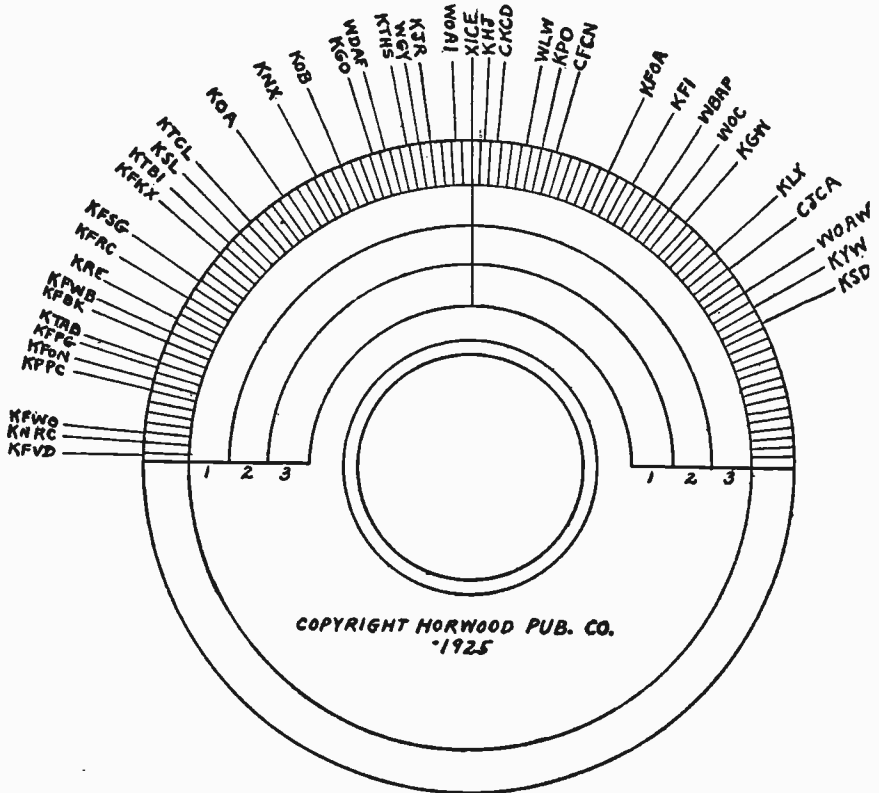
Where the full output is required it may be found desirable to increase the capacity and inductance of the chokes and to increase the condenser capacities to reduce the noise to a desired point. The cases containing the transformers and choke coils should be connected to the negative side of the current supply which, in turn, will be connected to the positive or negative of the A battery.

Radio Doings is publishing these circuits at once, knowing there are many fans who will be more than glad to get them and know that there are parts available of which to build up the equipment. If the best results are to be had it will not only be well to follow the instructions that accompany these tubes carefully, but to be sure that the parts purchased are up to specifications, for slighting the capacity of the transformer, chokes and condensers will give results that may leave a great deal to be desired. It will take the best condensers to stand the voltage without failure. Remember, the more capacity used in connection with the chokes the better will be the filter action.



Radio Doings

Straight Line Wavelength



REVERSE THE ORDER OF DIALING OF YOUR SET DIALS IN OPPOSITE DIRECTION TO ABOVE DIAGRAM

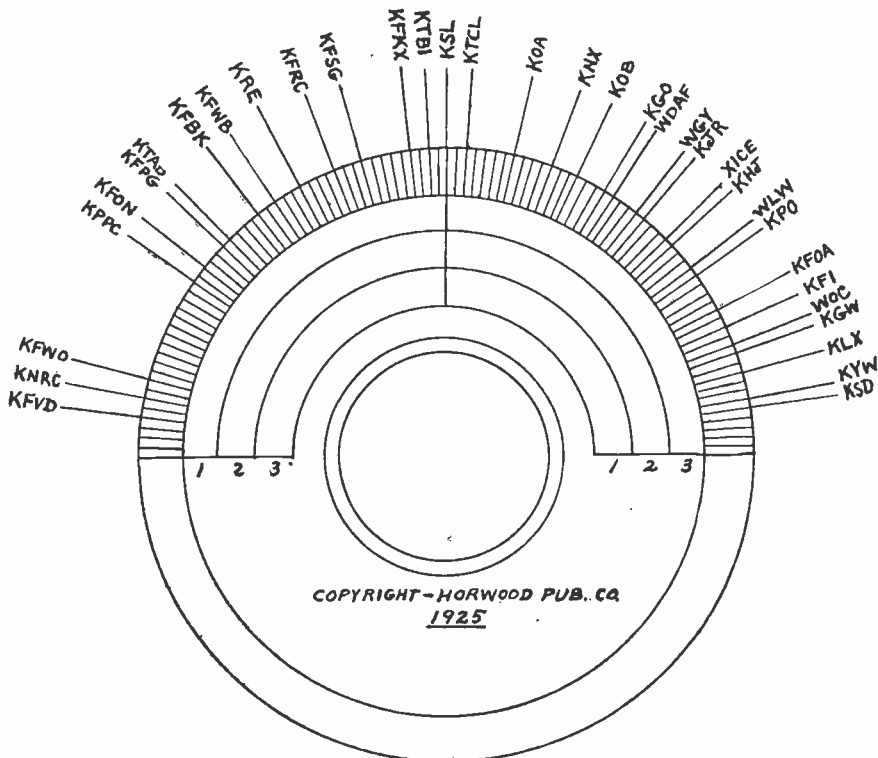
We believe that the average fan, especially the beginner, can more readily find a distant station when he knows its relative position on the dial with respect to his local stations, rather than puzzling over the meters, wave length or frequency which means so little to him.

The above diagram illustrates the relative position of the stations with respect to each other on the dial of the ordinary type of variable condenser. It is accurate for a straight-line-wave length condenser with tuning range of 200-600 meters, and relative on dials which cover a different range.

Space for logging your actual dial settings is provided.

Dialogram

Straight Line Frequency



REVERSE THE ORDER OF DIALING OF YOUR SET DIALS IN OPPOSITE DIRECTION TO ABOVE DIALOGRAM

This Dialogram is intended as an aid in tuning where condensers of the straight line frequency type are used. It is understood that the position of the stations as indicated are only relative, except on a pure S.L.F. condenser with tuning range from 1,500 to 500 kilocycles, when it is accurate as is.

If there is any doubt as to which type of condenser is used in your set, you can readily determine the type after tuning in two or three of the local stations and observing the spacing on your dial as compared with these two Dialograms.

Some condensers employ straightline-frequency characteristics over the first half of the dial, and straight-line wavelength characteristics over the last half, in which case both Dialograms should be used to find the relative position of distant stations with respect to the locals.

Space for logging your actual dial settings is provided.

SUNDAY TIME TABLE

ALL TIME TABLES ADJUSTED
TO PACIFIC TIME
(X) Indicates Station is On the Air

STATIONS			10-12 A.M.	12-2 P.M.	2-4 P.M.	4-6 P.M.	6-8 P.M.	8-10 P.M.	10-12 P.M.																													
CALL	Wave Length Meters	Power in Watts	STATION	10.00-10.30	10.30-11.00	11.00-11.30	11.30-12.00	12.00-12.30	12.30-1.00	1.00-1.30	1.30-2.00	2.00-2.30	2.30-3.00	3.00-3.30	3.30-4.00	4.00-4.30	4.30-5.00	5.00-5.30	5.30-6.00	6.30-7.00	7.00-7.30	7.30-8.00	8.00-8.30	8.30-9.00	9.00-9.30	9.30-10.00	10.00-10.30	10.30-11.00	11.00-11.30	11.30-12.00								
				K H J	405	500	Los Angeles	X	X	X	X	X									X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		
K F I	487	4000	Los Angeles	X	X	X	X										X			X	X	X	X	X	X	X	X	X	X	X	X	X	X					
K T B I	294	750	Los Angeles	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X					
K F S G	275	500	Los Angeles		X	X	X	X					X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X					
K N X	337	500	Los Angeles	X	X	X	X		X	X		X	X	X	X				X		X	X	X	X	X	X	X	X	X	X	X	X	X					
K F W B	252	500	Los Angeles																																			
K P S N	315	950	Pasadena		X	X	X	X																			X	X	X	X	X	X	X	X				
K P P C	229	50	Pasadena																			X	X	X	X													
K F W O	211	250	Catalina					X	X									X	X		X	X	X	X	X													
K F O N	233	500	Long Beach										X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X					
K F V D	205	50	San Pedro			X	X	X													X	X	X	X	X	X	X	X	X	X	X	X	X	X				
K P O	428	1000	San Francisco	X	X		X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
K F R C	258	50	San Francisco																		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
K J B S	229	5	San Francisco															X	X	X																		
K G T T	207	50	San Francisco										X	X	X	X	X								X	X	X	X	X	X	X	X	X	X				
K T A B	240	1000	Oakland	X	X	X	X	X													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
K G O	361	4000	Oakland			X	X								X	X								X	X													
K F U S	258	50	Oakland											X	X																							
K F U U	220	50	Oakland																						X	X	X											
K L S	252	250	Oakland		X	X																																
K R E	256	100	Berkeley	X	X																X	X		X	X	X	X	X	X	X	X	X	X	X	X			
K F Q U	217	100	Alma, Calif.			X	X			X	X											X	X		X	X	X	X	X	X	X	X	X	X	X			
K G U	270	500	Honolulu																																			
K J R	384	1000	Seattle			X	X	X										X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
K T C L	305	1000	Seattle																						X	X	X	X	X	X	X	X	X	X	X	X		
K T W	272	750	Seattle			X	X							X	X									X	X	X	X	X	X	X	X	X	X	X	X	X		
K F E C	248	50	Portland														X	X			X																	
K G W	491	500	Portland			X	X																	X	X	X	X	X	X	X	X	X	X	X	X	X		
K Q P	212	500	Portland																																			
C F C A	356	1000	Toronto														X																					
K O A	322	5000	Denver	X	X							X	X										X	X	X	X	X	X	X	X	X	X	X	X	X	X		
K F A D	272	100	Phoenix																																			
K S L	300	1000	Salt Lake City										X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
W O A W	526	1000	Omaha																						X	X												
K T H S	375	500	Hot Springs	X	X																			X	X	X	X	X	X	X	X	X	X	X	X	X	X	
K O B	349	1000	State Col., N. M.			X	X																				X	X	X	X	X	X	X	X	X	X	X	X
W G Y	379	5000	Schenectady											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
W O A I	394	2000	San Antonio																					X	X	X	X	X	X	X	X	X	X	X	X	X	X	
W B A P	476	1000	Fort Worth		X															X	X																	
W F A A	476	500	Dallas						X	X							X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
W O C	484	5000	Davenport				X	X																X	X	X	X	X	X	X	X	X	X	X	X	X	X	
W H O	526	500	Des Moines, Ia.																					X	X													
K S D	545	750	St. Louis														X	X		X	X																	
W G R	319	750	Buffalo				X	X	X	X														X	X	X	X	X	X	X	X	X	X	X	X	X	X	
W K R C	422	1000	Cincinnati																					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
K D K A	309	1000	Pittsburgh						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
W M B F	384	500	Miami, Fla.															X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

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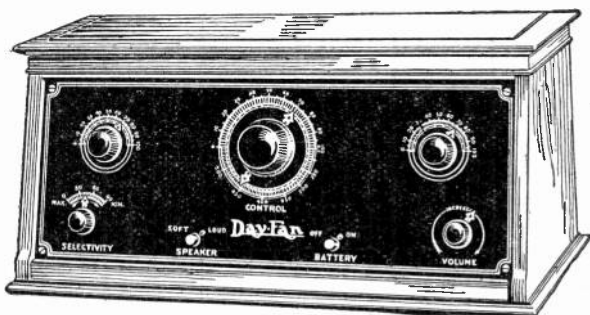
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Day-Fan 5 \$115.00

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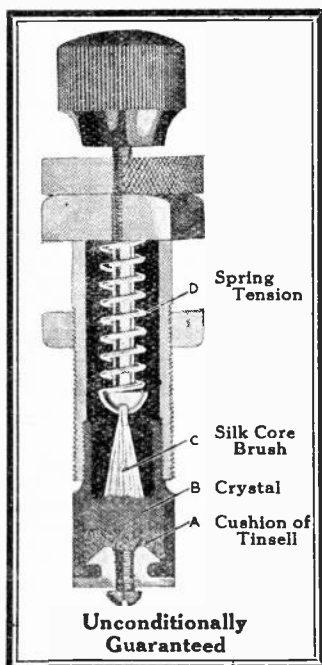
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Until the advent of this "seventy-whiskered detector," the use of a crystal was a dream of Utopia—IF it were only possible to produce a Crystal Detector that wouldn't burn out—that wasn't temperamental—that would "stay put." And then—

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*Before February 15,
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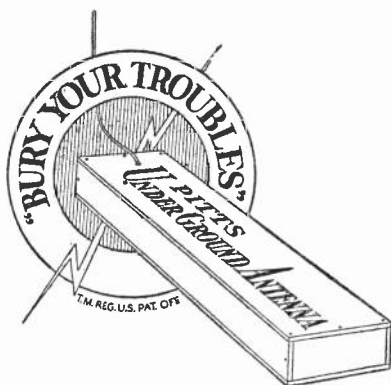
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Improved Model \$12.75 **SATISFACTION
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Gives YOU Real RECEPTION

Pitts' Underground Antenna offers to the public the first efficient method of underground reception that is practical for general use. Underground radio broadcast transmission is a proven fact and not an experiment, but heretofore the old directional underground antennas required too much area for their installation. Pitts' Underground Antenna is not directional—all stations, regardless of their direction, are received with equal efficiency.

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SELECTIVITY — DISTANCE — GOOD RECEPTION — depend on proper installation.
We are specialists and we can bring out every good quality of your location.

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East, West, North and South . . . the exclusive features of this remarkable set bring you—clear, distinct, without distortion and loss of tone values—the programs of the great broadcasting stations of the country.

The RADIOGRAPH II represents years of time spent in research and study. Radical improvements make the remarkable performance of the RADIOGRAPH II possible.

Call BEacon 8509 for a Demonstration Without Obligation.
Easy Payment Plan—Liberal Allowance on Your Old Radio.

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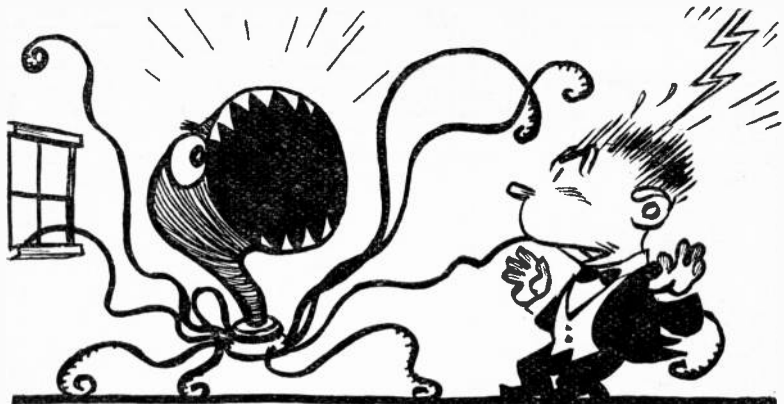
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BEacon 8509
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"CERTAIN SATISFACTORY SERVICE"



The Radio Goblin

He has probably been called a good many names, and if pictured as those names would imply, he (static and power line interference) would be a grotesque figure to say the least. Keep him out of your radio pleasure by using a

Price **PITTS' UNDERGROUND ANTENNA**

\$12.75

*Results Guaranteed.
Improved Model.*

This newest of all radio developments will work on all circuits. It will make your set selective, allowing you to cut out powerful local stations interfering with distance—and will also greatly improve the tone quality. You will have no more trouble with the unsightly outside aerial. High winds, etc., will cause no more worry.

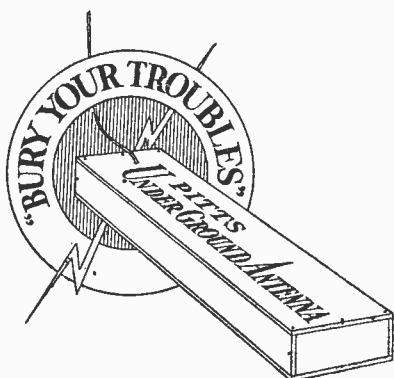
There are thousands of enthusiastic owners of Pitts' Underground Antenna today. Many startling results have been obtained through its use. See your radio dealer today and start enjoying real radio reception.

If your dealer can't supply you, mail us your check or money order and we will send direct to you, express prepaid, one Pitts' Underground Antenna, with full directions and written guarantee.

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TUcker 7097

ERNEST WALKER SAWYER
Factory Representative



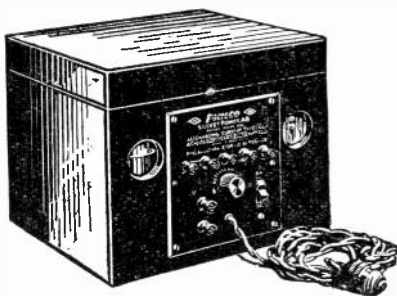
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From Your
HOUSE CURRENT

with



A and B SOCKET POWER



Socket Power AB

For Radiola and other sets using 3-volt tubes

Price \$65.00

Why have the annoyance and expense of dry cells?—when you can buy "Philco" AB socket power furnishing both A and B hum-free current, which will operate power tubes.

Also A and B units for six volt tubes.

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LONG BEACH
H. W. Mercereau
615 Anaheim

UPANDS
Ross Auto Electric

SATURDAY TIME TABLE

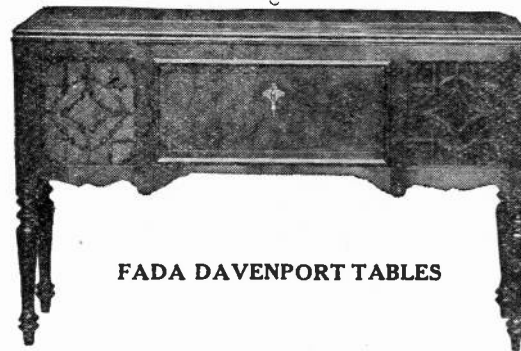
ALL TIME TABLES ADJUSTED
TO PACIFIC TIME

(X) Indicates Station is On the Air

STATIONS			10-10:30	10-12	12-2	2-4	4-6	6-8	8-10	10-12
CALL	Wave Length Meters	Power in Watts	A.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.	P.M.
KFI	467	4000	Los Angeles							
KHJ	405	500	Los Angeles							
KNX	337	500	Los Angeles	X	X	X	X	X	X	X
KFSG	275	500	Los Angeles	X	X	X	X	X	X	X
KNRC	208	250	Los Angeles							
KFWB	252	500	Hollywood							
KMTR	238	500	Hollywood			X		X	X	
KPSN	315	1000	Pasadena						X	X
KFWO	211	250	Calajina		X	X			X	X
KFON	233	500	Long Beach	X	X	X	X	X	X	X
KFVD	205	50	San Pedro							
KPO	428	1000	San Francisco	X	X	X	X	X	X	X
KLS	360	250	San Francisco				X	X	X	X
KFRC	268	50	San Francisco				X	X	X	X
KJBS	220	5	San Francisco	X	X					
KFUU	220	50	Oakland	X	X	X			X	X
KGO	381	4000	Oakland		X	X	X			
KZM	240	100	Oakland						X	X
KLX	508	500	Oakland						X	X
KRE	256	100	Berkeley		X				X	X
KFBK	243	100	Sacramento						X	X
KFWH	254	100	Chico	X	X				X	X
KMJJ	234	50	Fresno			X	X			
KGW	491	500	Portland	X	X	X			X	X
KFJR	263	50	Portland			X	X			
KFEC	246	50	Portland			X	X			
KFWV	212	50	Portland		X	X			X	X
KFOA	454	1000	Seattle				X	X		
KTCL	305	1000	Seattle					X	X	X
KJR	384	1000	Seattle			X	X	X	X	X
KGU	270	500	Honolulu							
CFAC	436	2000	Calgary		X					
CFCN	440	3000	Calgary							X
CKCD	410	2000	Vancouver, B. C.						X	X
CFCA	356	1000	Toronto				X			
WFAA	476	500	Dallas	X	X	X	X	X	X	X
WBAP	476	1000	Fort Worth	X	X	X	X	X	X	X
WOAI	394	1500	San Antonio					X	X	
WOC	484	5000	Davenport	X		X		X	X	
WHO	526	500	Des Moines	X						
WSMB	319	500	New Orleans					X	X	X
KOA	322	5000	Denver	X	X	X			X	X
KFAD	272	100	Phoenix			X	X		X	X
KFAU	280	750	Boise, Ida.					X	X	
KLZ	283	250	Denver	X	X	X			X	X
KSL	300	1000	Salt Lake City					X	X	X
KFWA	261	500	Ogden, Utah			X	X	X	X	X
WOAW	526	1000	Omaha			X	X	X	X	X
WDAF	386	500	Kansas City			X	X			X
KSD	545	750	St. Louis					X	X	X
WTAM	389	2500	Cleveland	X		X	X	X	X	X
WKRC	422	1000	Cincinnati						X	X
WLW	422	5000	Cincinnati		X			X	X	X
KYW	535	3500	Chicago				X	X	X	X
WGN	303	1000	Chicago				X	X	X	X
KDKA	309	1000	Pittsburgh			X	X	X	X	X
WGY	379	5000	Schenectady				X	X	X	X

FADA Radio

DID IT!



FADA DAVENPORT TABLES

IT SPOKE FOR
ITSELF

in

SAN BERNARDINO

by bringing in

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and

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MONTEBELLO.....White Auto Elec. Co.
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1000 SOUTH HOPE ST. Phone TR. 5141Class "B" 5000-Watt Western Electric Station Operating on 3000 Watts
GLEN RICE, Program Manager**DAILY EXCEPT SUNDAY—**

- 5:30 p. m.—Musical Program.
- 6:00 p. m.—KFI Nightly Doings.
- 6:15 p. m.—KFI's Seeing California.
- 6:45 p. m.—KFI Radiatorial Period.
- 7:00 p. m.—Musical Program.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926**SUNDAY, FEBRUARY 14—**

- 10:00 a. m.—Morning services under the direction of the Los Angeles Church Federation.
- 4:00 p. m.—Vesper services, arranged by Federated Church Musicians.
- 6:30 p. m.—KFI Nightly Doings.
- 6:45 p. m.—Father Ricard's Sun Spot Weather Forecast. Music Appreciation Chat.
- 7:00 p. m.—Program by A. H. Grebe & Co., featuring the Synchrophase Dinner Orchestra.
- 7:30 p. m.—Aeolian Organ Recital, Dan L. MacFarland at the console.
- *8:00 p. m.—Classic Hour, featuring Composers' Series. Alice Bartnett, composer-pianist; Virginia Flohri, soprano, and the Louise Klos Trio.
- 9:00 p. m.—Mabelle Hein and her Blue Bird Band.
- 10:00 p. m.—Packard Six Orchestra, co-direction of Bill Hennessy and Chet Mittendorf. Gladys Thomas, soloist.

MONDAY, FEBRUARY 15—

- 10:45 a. m.—Betty Crocker Gold Medal Flour Home Service Talk; subject, "For the Jam Pot."
- 7:00 p. m.—"Butch" Ashman's Chinese Garden Orchestra.
- 8:00 p. m.—The Screen Artists' Quartet.
- *9:00 p. m.—Program of the Walter M. Murphy Motors Company, broadcast simultaneously by KPO, San Francisco. Program of Slavonic music, featuring Zahpad Trio.
- 10:00 p. m.—Program by Meiklejohn Bros.

THURSDAY, FEBRUARY 18—

- 7:00 p. m.—Program arranged by Clara Belle Patten Wallace.
- 8:00 p. m.—Program arranged by Frank Barry.
- 9:00 p. m.—The Packard Eight Orchestra under the co-direction of Bill Hennessy and Chet Mittendorf.
- *10:00 p. m.—Packard Ballad Hour, featuring Jackie Lucas, Walter Dupre, Marion Boogar, Paul Roberts and others.

WEDNESDAY, FEBRUARY 17—

- 10:45 a. m.—Betty Crocker Gold Medal Flour Home Service Talk. Subject, "American Foods Served American Style."
- 11:05 a. m.—Gelfand Mayonnaise Co.
- 7:00 p. m.—Program by A. H. Grebe & Co., featuring the Synchrophase Dinner Orchestra.
- 7:30 p. m.—Nick Harris Detective Stories.
- *8:00 p. m.—Program of the Ventura Refining Company, presenting prominent radio favorites.
- 9:00 p. m.—Dolly McDonald, Paul Roberts, Pop program.
- 10:00 p. m.—Betty Patrick and Patrick-Marsh Orchestra.

THURSDAY, FEBRUARY 18—

- 7:00 p. m.—Program by University of Southern California.
- 8:00 p. m.—Program by Los Angeles Motor Car Dealers Association.
- *9:00 p. m.—Program of the Southern California Music Company, from Chickering Hall, Los Angeles.
- 10:00 p. m.—Program arranged by William McDougall.

FRIDAY, FEBRUARY 19—

- 10:45 a. m.—Betty Crocker Gold Medal Flour Home Service Talk. "Subject, "Foods That Satisfy."
- 7:00 p. m.—Sweetwater High School Band—40 pieces.
- 8:00 p. m.—Aeolian Organ. Dan L. McFarland at the console.
- 9:00 p. m.—Frank Barry, tenor; Ysabel Bowen, soprano.
- *9:30 p. m.—Program of Mutual Motors, Inc., featuring Joke Contest and Music Program. Jimmy Mack, joke editor.
- 10:00 p. m.—Al Wesson and his Orchestra.

SATURDAY, FEBRUARY 20—

- 7:00 p. m.—Norman Kobler and his Orchestra.
- 8:00 p. m.—The All-American Quartet.
- 9:00 p. m.—Program by the Louise Kloss Trio.
- 10:00 p. m.—Packard Radio Club, featuring Jackie Lucas, Dolly McDonald, Walter Dupre, Charles Cole.
- *11:00 p. m.—KFI Midnite Frolic. Don Meaney presenting artists of screen and stage. Don Meaney, Master of Ceremonies. Program until 3:00 a. m.

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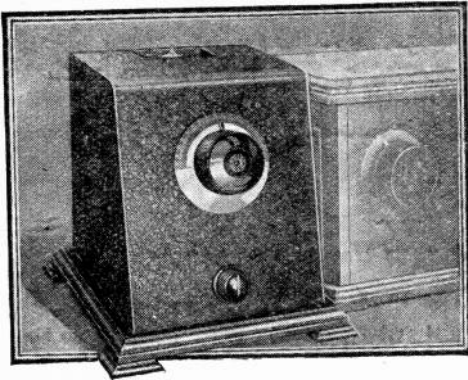
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It IS True!

(Not a Wave Trap!)

188 times the energy!

WOAI signal intensity of 11, on the audibility meter, jumped above 2000 with Penetrola—188 times as strong! WCAL signal intensity of 35 was scrambled with WCBD at 29. But with Penetrola WCAL went to 2000 plus, and WCBD to zero—selectivity with a vengeance!

Any Penetrola demonstration will show you things like that on any set with any number or arrangement of stages. The wanted station is immensely intensified; interference is overwhelmed. So much volume is available for distance that a shorter aerial may be used. Your set is stopped from radiating, and is stabilized. It is needless to approach oscillation. And dial readings stay substantially the same.

Principles known to be of immense promise, but hitherto elusive, are now

successfully applied by Walbert Penetrola. The widely heralded Isofarad Circuit, latest Walbert development, is the foundation of Penetrola—unduplicated in any way by anybody, because there is no other Isofarad circuit. Nor is there any substitute for Penetrola action, which amplifies ahead of the detector, strengthening signals which would otherwise never be detected! Remember, signals too weak to detect cannot be amplified beyond the detector.

In a few moments any receiver, however costly, can be transformed with Penetrola. Or anyone can quickly assemble the Penetrola kit and obtain amazing Penetrola results most economically. The Penetrola price buys performance which cannot be obtained with any amount of investment in a receiver alone.

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For the sensation of the European tests note Penetrola Reception!

Penetrola in Black Crystallite, for Instant Attachment..... **\$35**
 Penetrola Kit with Complete, Simple Instructions..... **\$15**

If your dealer is not stocked, remit purchase price direct to distributor and you will be promptly supplied. State whether you wish Penetrola for outdoor aerial or for loop receiver.

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DAILY EXCEPT SUNDAY—

7:00 to 7:15 a.m.—"Setting-Up Exercises" conducted by Prof. Barclay L. Severna.
 12:00 to 12:30 p.m.—Studio program.

DAILY EXCEPT SUNDAY AND MONDAY—

6:00 to 7:30 p.m.—Children's Hour.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926**SUNDAY, FEBRUARY 14—**

10:00 a.m.—Sermon from KHJ studio by Dr. E. T. MacMahon, pastor of Worth Wilshire Congregational Church.
 10:30 a.m. to 12:30 p.m.—Organ recital and entire religious service from the First Methodist Episcopal Church; Arthur Blakeley, organist; Rev. Elmer E. Helms, pastor.
 4:00 to 5:00 p.m.—Masonic service.
 7:00 to 8:30 p.m.—Special musical program from the First Methodist Episcopal Church.
 8:30 to 10:30 p.m.—Program through the courtesy of the National Orange Show.

MONDAY, FEBRUARY 15—

12:30 to 1:30 p.m.—Program presented by the Piggly Wiggly Girls, courtesy of Piggly Wiggly Stores. Way Watts and his ukulele.
 8:00 p.m.—Nightly frost report.

TUESDAY, FEBRUARY 16—

12:30 to 1:30 p.m.—Program presenting Jimmie Moran and his Original Entertainers, courtesy of Friars' Inn.
 2:30 to 3:30 p.m.—Weekly bridge game.
 3:30 p.m.—French lesson by Capt. M. Charles Vical.
 6:30 to 7:30 p.m.—Children's program presenting Prof. Walter Sylvester Hertzog, radio historian; weekly visit of the Radio Fairies, Queen Titania and her Sandman; Charles Leslie Hill, 4-year-old reader, and Lenore Killian, "Lullaby Girl of KHJ."
 7:30 p.m.—H. M. Robertson will talk on "Dogs."
 8:00 to 10:00 p.m.—Program sponsored by the Builders' Finance Association, Inc.

WEDNESDAY, FEBRUARY 17—

12:30 to 1:30 p.m.—Program through the courtesy of the Motor Transit Company.
 2:30 to 3:30 p.m.—Weekly talk on "Gardens" by Fred C. McNabb of Aggeles & Musser Seed Company.
 6:30 to 7:30 p.m.—Children's program presenting Prof. Walter Sylvester Hertzog, radio historian; Dick Winslow, screen juvenile reporter; Mickey McBan, screen juvenile; Vivian Marple, "Blue Bell of KHJ"; Edward Greenburg, 11-year-old pianist.
 8:00 p.m.—Weekly talk on "Astronomy" by Dr. Mars Baumgardt.
 8:30 to 10:30 p.m.—Program through the courtesy of the Engineers' and Architects' Association, Los Angeles Chapter American Association of Engineers.

THURSDAY, FEBRUARY 18—

12:30 to 1:30 p.m.—Program presenting Jack Smith and his dance orchestra from Glendale.
 2:30 to 3:30 p.m.—Matinee program through the courtesy of Martin Music Company.
 6:30 to 7:30 p.m.—Children's program presenting Prof. Walter Sylvester Hertzog, radio historian; Dickie Brandon, screen juvenile; Baby Jeanne De Bard, "Little Preacher"; Joyce Coad, "Little Red Riding Hood," and others.
 7:45 p.m.—Dr. Philip M. Lovell will talk on "The Eye—Farsightedness."
 8:00 to 10:00 p.m.—Program through the courtesy of Cochran Brothers (Caswell Coffee).

FRIDAY, FEBRUARY 19—

12:30 to 1:30 p.m.—Program of dance music by LeRoy Parry and his Lonesome Club Orchestra.
 2:30 to 3:30 p.m.—Musical program.
 6:30 to 7:30 p.m.—Children's program presenting Prof. Walter Sylvester Hertzog, radio historian; Richard Headrick, screen juvenile; Clyves Holland, 5-year-old reader; Catherine Cotter, "Sweetheart of Radioland," pupil of Marshall Stedman, and others.
 7:30 p.m.—Gladys De Witt, "Romance of the Santa Fe Trail."
 8:00 to 10:00 p.m.—Program through the courtesy of the Western Auto Supply Co.

SATURDAY, FEBRUARY 20—

12:30 to 1:30 p.m.—Program of dance music by Poet Collegians of Whittier.
 2:30 to 3:30 p.m.—Program through the courtesy of Globe Ice Cream Company.
 3:30 to 4:30 p.m.—Program sponsored by the Clevelin Realty Company.
 6:30 to 7:30 p.m.—Children's program presenting Prof. Walter Sylvester Hertzog, radio historian; Henrietta Poland, "Little Forget-Me-Not"; Dolly Wright, "Dolly of Radioland"; Donald Cooper, 13-year-old ukulele player; David Durand, "Little Boy Blue of Radioland," and others.
 8:00 to 10:00 p.m.—Program through the courtesy of the Motor Transit Company.

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DAILY EXCEPT SUNDAY—

- 7:30 a. m.—KNX Morning Gym, directed by J. C. Casey, Physiotherapist.
- 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.
- 10:00 a. m.—Town Crier of the Day's Morning Message.
- 10:30 a. m.—Kate Brew Vaughn, director Household Economics Dept., Evening Express, except Friday and Saturday.
- 12 noon—Leighton's Arcade Cafeteria Orchestra, direction of Jack Cronshaw.
- 1:30 p. m.—The Book Worm.
- 2:00 to 4:00 p. m.—Radio matinee.
- 4:55 p. m.—Market reports.
- 5:00 p. m.—Sunny Jim's half-hour with the kiddies
- 5:30 p. m.—Leighton's Arcade Cafeteria Orchestra, direction of Jack Cronshaw.
- 5:55 p. m.—The Town Tatler.
- 6:15 p. m.—W. F. Alder Travelogue.
- 6:30 p. m.—Atwater Kent Orchestra, courtesy Ray Thomas, Inc.,

SUNDAY, FEBRUARY 14—

- 10:00 a. m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.
- 12:45 p. m.—Howard N. Martin & Co., Investment Bankers, courtesy program
- 2:00 to 4:00 p. m.—City Park Board musical program. Town Crier of the Night.
- 6:30 p. m.—Unitarian Church of Hollywood.
- 8:00 p. m.—First Presbyterian Church of Hollywood Rev. Stewart P. MacLennan.
- 9:00 p. m.—Beverly Hills Nurseries courtesy program and Town Crier of the Night.

MONDAY, FEBRUARY 15—

- 3:00 p. m.—Little Jean's talking lesson. Town Crier of the Day Watch.
- 4:00 p. m.—Helen's Household Hints.
- 7:00 p. m.—Mutual Motors, Inc., mirth contest; Jimmie Mack, story teller.
- 7:30 p. m.—Feature program. Town Crier of the Night.
- 8:00 p. m.—L. W. Stockwell Company courtesy program. Town Crier of the Night.
- 9:00 p. m.—National Orange Show at San Bernardino; Town Crier of the Night Watch.
- 10:00 p. m.—B. F. Goodrich Rubber Co. of Akron, Ohio; Goodrich Silvertown Cord Orchestra
- 11:00 p. m.—Ray West's Coconut Grove Orchestra from the Ambassador Hotel through the courtesy of the Janss Investment Co., subdividers of Westwood and Holmby Hills.

TUESDAY, FEBRUARY 16—

- 2:00 p. m.—Mothers' Hour; an hour of music and educational talks
- 7:00 p. m.—Overell Furniture Company courtesy program; Town Crier of the Night.
- 8:00 p. m.—Globe Ice Cream and Weber Quality Bread program; Town Crier of the Night.
- 9:00 p. m.—Western Auto Supply Co. courtesy program; Town Crier of the Night.

WEDNESDAY, FEBRUARY 17—

- 8:15 a. m.—Wesley Beans, baritone.
- 4:00 p. m.—Talk on care of children by Dr. Wayne B. Burr.
- 7:00 p. m.—Feature program; Town Crier of the Night Watch.
- 8:00 p. m.—Reeve-Gartzmann Incorporated, courtesy program; Town Crier of the Night.
- 9:00 p. m.—Daley's Comedians, courtesy Joe Daley's, 165 Grocery Stores.
- 10:00 p. m.—Dance orchestra.
- 11:00 p. m.—Ray West's Coconut Grove Orchestra from the Ambassador Hotel through the courtesy of the Janss Investment Co., subdividers of Westwood and Holmby Hills.

THURSDAY, FEBRUARY 18—

- 11:00 a. m.—Nature talk, courtesy Marvel Ant Gelatine Co.; Town Crier of the Day.
- 7:00 p. m.—H. L. Crockett Co., Hudson-Essex dealers, program; Town Crier of the Night.
- 8:00 p. m.—Willys-Overland Dealers of Southern California program;
- 9:00 to 11:00 p. m.—Feature program; Town Crier of the Night.
- 11:00 p. m.—Ray West's Coconut Grove Orchestra from the Ambassador Hotel through the courtesy of the Janss Investment Co., subdividers of Westwood and Holmby Hills.

FRIDAY, FEBRUARY 19—

- 10:30 a. m.—Virginia Tappan talk on "Proper Foods and How to Prepare Them,"
- 1:00 p. m.—The Village Gossip.
- 2:00 p. m.—Los Angeles District Federation of Women's Clubs; musical program.
- 4:30 p. m.—Boy Scouts musical program; Town Crier of the Day Watch.
- 7:00 p. m.—Jell-X-Cell Co. courtesy program; Town Crier of the Night Watch.
- 8:00 p. m.—Motor Car Dealers' Association program; Town Crier of the Night.
- 9:00 p. m.—Davis Perfection Bread Co. courtesy program.
- 10:00 p. m.—Broadcasting main event from Hollywood Legion Stadium, courtesy Dickinson and Gillespie, subdividers of Surfridge at Palisades Del Rey.
- 11:00 p. m.—Ray West's Coconut Grove Orchestra from the Ambassador Hotel through the courtesy of the Janss Investment Co., subdividers of Westwood and Holmby Hills.

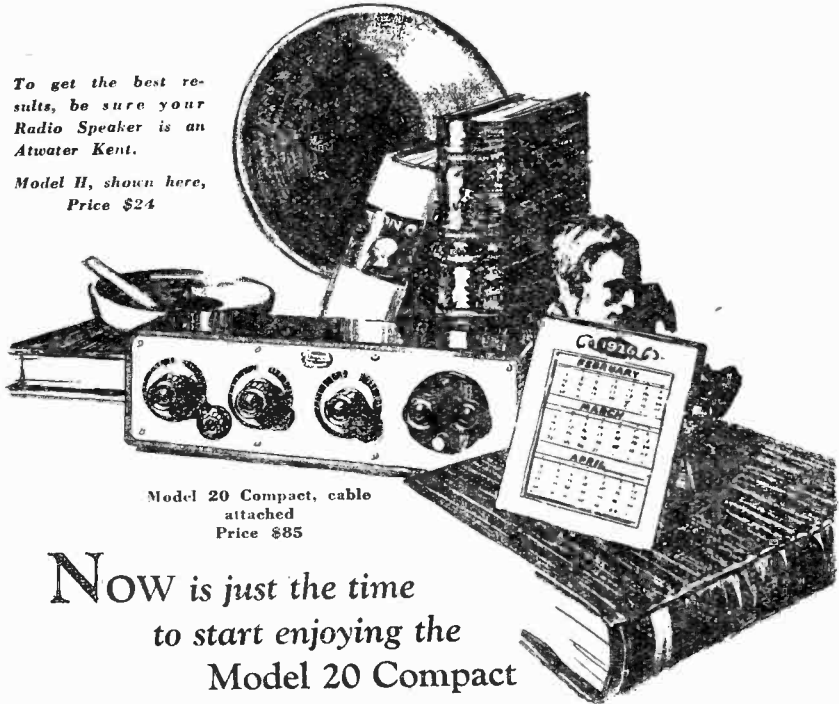
SATURDAY, FEBRUARY 20—

- 10:30 a. m.—French lesson by Floryane of KNX.
- 3:00 p. m.—Town Crier of the Day and his pals.
- 7:00 p. m.—Stories of insect life by Harry W. McSpadden.
- 7:30 p. m.—Feature program; Town Crier of the Day.
- 8:00 to 10:00 p. m.—Feature program; Town Crier of the Day Watch.
- 10:00 p. m.—Ray West's Coconut Grove Orchestra from the Ambassador Hotel through the courtesy of the Janss Investment Co., subdividers of Westwood and Holmby Hills.
- 11:00 p. m.—Filmland Frolic.

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WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

9:00 to 11:00 p. m.—Howard Clark, tenor; Albert Keglocich, 13-year-old violinist; Wilda Bernard, soprano; the Stark Sisters; Dan Gridley, tenor; Jack Smith's dance orchestra, and several others; Babe Brown, ukelele; Esther White, popular songs.

MONDAY, FEBRUARY 15—

5:00 to 6:00 p. m.—Children's Hour, conducted by Big Brother of KFWB with stories from the Book of Knowledge.

7:30 p. m.—Program presented by courtesy of Dr. Ralph Mitchel land the Associated Dentists, featuring The Friendly Dentists Orchestra; Bill Blake, tenor; Esther White, "The Girl with the Perfect Radio Voice," in popular songs.

8:00 to 9:00 p. m.—Bill Hhatch and his Oakmont Country Club Orchestra; Dan Gridley, tenor; Georgia Usher, contralto; Sol Hoopii's Hawaiian Trio.

9:00 to 10:00 p. m.—Program presented by courtesy of the Star Motor Co., featuring the Million Dollar Four Orchestra; Tom Breneman, baritone; Sol Hoopii's Hawaiian Trio; the Ashley Sisters, Irma and Thelma, in harmony numbers.

10:00 to 11:00 p. m.—Warner Bros.' Frolic.

TUESDAY, FEBRUARY 16—

11:00 a. m. to 12:00 noon—Madame Elane's morning domestic shopping news.

12:00 noon to 12:15 p. m.—Tal kon Home Economics by Agnes May Allen.

5:00 to 6:00 p. m.—Children's Hour, conducted by Big Brother of KFWB with stories from the Book of Knowledge.

8:00 to 9:00 p. m.—Esther Horowitz, violin, accompanied by Shirley Mirkin; Hazel Thomas, soprano; Jack Smith's dance orchestra; Blanche Kaminer, pianologue, and others.

9:00 to 10:00 p. m.—Jack Smith's dance orchestra; the Mosley Brothers, Bill and Tom, a Pair of Banjoes; Henry Kaplan, pianist and vocalist; Bill Blake, enor; Mildred Bragdon, soprano.

WEDNESDAY, FEBRUARY 17—

5:00 to 6:00 p. m.—Children's Hour, conducted by Big Brother of KFWB with stories from the Book of Knowledge.

8:00 to 9:00 p. m.—The California Serenaders; Sol Hoopii's Mawaiian Trio; Paul Ford, baritone; Esther White, "The Girl with the Perfect Radio Voice," in popular songs.

9:00 to 9:30 p. m.—Bill Hatch and his Oakmont Country Club Orchestra, a dentertainers.

9:30 to 10:00 p. m.—A half hour of fun and joke contest presented by courtesy of Mutual Motors, Inc.

10:00 to 11:00 p. m.—Warner Bros.' Frolic.

THURSDAY, FEBRUARY 18—

8:00 to 9:00 p. m.—Bill Blake, tenor; Hy Kasch and his dance orchestra; Lola Gill, balads; Frances St. George.

9:00 to 10:00 p. m.—Program presented by courtesy of Don P. Smith, Inc., distributor of Moon and Diana cars for Southern California, featuring the Diana-Moon Orchestra; Sol Hoopii's Hawaiian Trio, whose first number will be "Chimes"; the Ashley Sisters, Irma and Thelma, in harmony numbers.

10:00 to 11:00 p. m.—Warner Bros.' Frolic featuring Charley Ilch and his Sunset Country Club Orchestra, consisting of Charley Ilch, piano and leader; Roy Kessler, drums; Francis Cochrane, saxophone and calrinet; Dale lmes, saxophone and clarinet, and Max Ibers, banjo.

FRIDAY, FEBRUARY 19—

7:10 to 7:20 p. m.—Officer E. G. Brown of the Los Angeles Police Dept., gives his weekly talk on "Safety First."

7:20 to 7:30 p. m.—Jack Boaz, hunting and fishing scout of the H. Y. Hardware Trading Co.

8:30 to 7:40 p. m.—The Marshutz Optical Company weekly Eye-o-logue.

8:00 to 9:00 p. m.—Program presented by courtesy of John Wright, The Right Tailor, featuring the John Wright Orchestra; Dan Gridley, tenor; So lHoopii's Hawaiian Trio; Esther White, popular songs.

9:00 to 10:00 p. m.—Len Nash and his Original Country Boys and entertainers.

10:00 to 11:00 p. m.—Warner Bros.' Frolic.

SATURDAY, FEBRUARY 20—

8:00 to 9:00 p. m.—The Lyric Sring Trio; Eunice Wynn soprano; Ray Kellogg and Bill Hatch; the Ashley Sisters, Irma and Thelma, in popular songs.

9:00 to 11:00 p. m.—Program presented by courtesy of Reeve-Gartzman, Inc., featuring the Oakland "6" Orchestra and Charlie Wellman.

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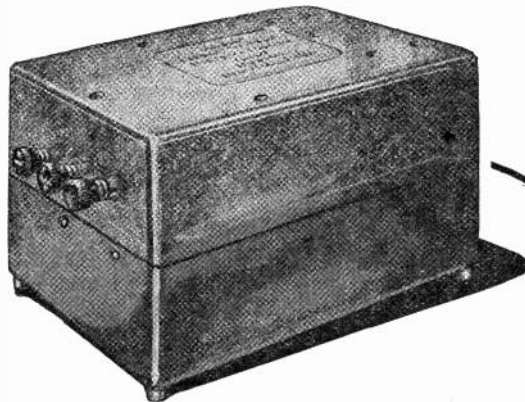
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 GLADWYN N. NICHOLS, Musical Director and Announcer

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

10:30 a. m. to 12:30 p. m.—Complete church service with sermon by Paul Rader, late pastor of the Moody Tabernacle of Chicago. Sister McPherson on way to Holy Land.
 2:30 to 4:30 p. m.—Afternoon service by Evangelist Rader. Special numbers by the band. Mrs. C. D. Smith, fancy drum player, also xylophone.
 6:45 to 8:00 p. m.—Musical hour. Men's Quartet; Paul Rader Chorus; Trumpet Trio.
 8:00 to 9:45 p. m.—Revival service by Paul Rader.
 10:00 to 11:00 p. m.—Music lovers' hour.

TUESDAY, FEBRUARY 16—

10:30 to 11:30 a. m.—Sunshine Hour. Message by Rev. Gladwyn N. Nichols.
 11:30 a. m. to 12:30 p. m.—Noonday musicale. Angelus Concert Trio.
 2:30 p. m.—Auditorium service with Evangelist Rader. Special music.
 6:30 to 7:30 p. m.—Children's hour with Cousin Jim, Harry James Beardsley and Eugene Lamb with pupils of the Marshall Stedman School, Culver City.
 7:30 to 9:00 p. m.—Evangelistic service, Paul Rader.

WEDNESDAY, FEBRUARY 17—

10:30 to 11:30 a. m.—Sunshine Hour. Anita Hopper McIntyre bringing the message.
 11:30 a. m. to 12:30 p. m.—Noonday musical. B. Earnest Ballard at the organ.
 2:30 to 5:30 p. m.—Divine Healing service conducted by Paul Rader.
 6:30 to 7:30 p. m.—Angelus Hour. Gray Studio program by John Kennedy with Sunshine Quartet.

THURSDAY, FEBRUARY 18—

10:30 to 11:30 a. m.—Sunshine Hour. Roderick Morrison bringing the message.
 11:30 a. m. to 12:30 p. m.—Noonday Musical. Ruth Thomas at the organ.
 2:30 to 4:30 p. m.—Afternoon service by Paul Rader.
 7:30 to 9:15 p. m.—Regular Water Baptismal service conducted by Evangelist Rader.
 9:15 to 10:00 p. m.—Gray Studio program. Ruth Frances Thomas presenting program with assisting artists.
 10:00 to 11:00 a. m.—Recital by Esther Fricke Greene.

FRIDAY, FEBRUARY 19—

10:30 to 11:30 a. m.—Sunshine Hour. Roy Grey bringing the message.
 11:30 a. m. to 12:30 p. m.—Noonday Musical. Ruth Thomas at the organ.
 2:30 to 4:30 p. m.—Afternoon service by Paul Rader.
 7:30 to 9:15 p. m.—Regular Water Baptismal service conducted by Evangelist Paul Rader.
 9:15 to 10:00 p. m.—Gray Studio program. Ruth Frances Thomas presenting program with assisting artists.

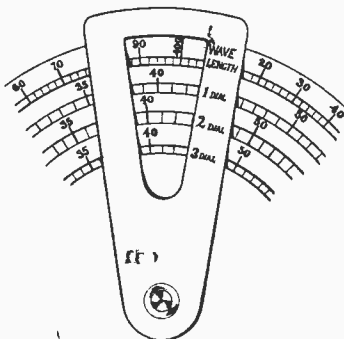
10:00 to 11:00 p. m.—Recital by Esther Fricke Greene.

FRIDAY, FEBRUARY 19—

10:30 to 11:30 a. m.—Sunshine Hour. Roy Grey bringing the message.
 11:30 a. m. to 12:30 p. m.—Noonday Musical, Ruth Frances Thomas. Mattie Duckett, colored soprano in negro spirituals.
 2:30 to 4:30 p. m.—Temple Auditorium service by Paul Rader.
 7:30 to 9:00 p. m.—Crusader night with Evangelist Rader.
 9:00 to 10:00 p. m.—Back Home Hour—Gray Studio program. Address by Judge Walter S. Gates of the Superior Court, L. A. County.

SATURDAY, FEBRUARY 20—

10:30 to 11:30 a. m.—Sunshine Hour. Services conducted by Rev. Gladwyn N. Nichols.
 11:30 a. m. to 12:30 p. m.—Noonday Musical. Esther Fricke Greene at the organ.
 2:30 to 4:30 p. m.—Afternoon Auditorium service.
 7:30 to 9:30 p. m.—Divine Healing service by Evangelist Rader.



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9:00 a. m.—"Dad's" hour and time signal.
 2:30 p. m.—Easy Chair Hour.
 5:00 p. m.—Home Hour.
 8:00 to 10:00 p. m.—KMTR Concert Hour.

WEEK COMMENCING MONDAY, FEBRUARY 15, 1926

MONDAY, FEBRUARY 15—

10:00 a. m.—Clyde Cheldon Shepard of the Gilbert Thayer Auditorium.
 1:00 p. m.—Chester Blake, "Gardening."
 1:30 p. m.—E. Wynn Boyden, "Bees."
 7:15 p. m.—Los Angeles Y. M. C. A. program.
 10:00 to 11:00 p. m.—Starr Piano Co. broadcasting by remote control.

TUESDAY, FEBRUARY 16—

9:30 a. m.—Sylvia Szymanski, "The Blind Cook."
 10:00 a. m.—Dr. T. Coulter, cat and dog physician, will talk on "Cats and Dogs."
 3:00 p. m.—Rev. S. J. Skevington, pastor of Hollywood Baptist Church.
 6:00 to 7:00 p. m.—Starr Piano Co. broadcasting by remote control.

WEDNESDAY, FEBRUARY 17—

10:00 a. m.—Rev. S. J. Mathison, Hollywood Christian Church.
 3:00 p. m.—Mr. F. J. Schwankowsky on "Art Appreciation."
 10:00 to 11:00 p. m.—Starr Piano Co. broadcasting by remote control.

THURSDAY, FEBRUARY 18—

9:30 a. m.—Sylvia Szymanski, "The Blind Cook."
 10:00 a. m.—Dr. A. E. Hoare, of the Educational Division of the Los Angeles Association of Optometrists, will speak on "Eyes."
 10:30 a. m.—Willisie Martin, D.D., minister of First Methodist Church, Hollywood.
 6:00 to 7:00 p. m.—Starr Piano Co. broadcasting by remote control.
 7:30 p. m.—Bertie D. Hilands. Auction bridge.

FRIDAY, FEBRUARY 19—

10:00 a. m.—Dr. John Adams Comstock, director of the Southwest Museum, Los Angeles.
 4:00 to 5:00 p. m.—Tryouts (not broadcast).
 7:00 p. m.—Charles W. Beam on "Color Photography."
 7:30 p. m.—Prof. Alfred Cookman, president of the Los Angeles Nature Study Club.
 10:00 to 11:00 p. m.—Starr Piano Co. broadcasting by remote control.

SATURDAY, FEBRUARY 20—

9:30 a. m.—Junior Cooking Class, conducted by Sylvia Szymanski, "The Blind Cook."
 1:00 p. m.—Gordon Whitnall, director-manager of the City Planning Commission.
 6:00 to 7:00 p. m.—Starr Piano Co. broadcasting by remote control.



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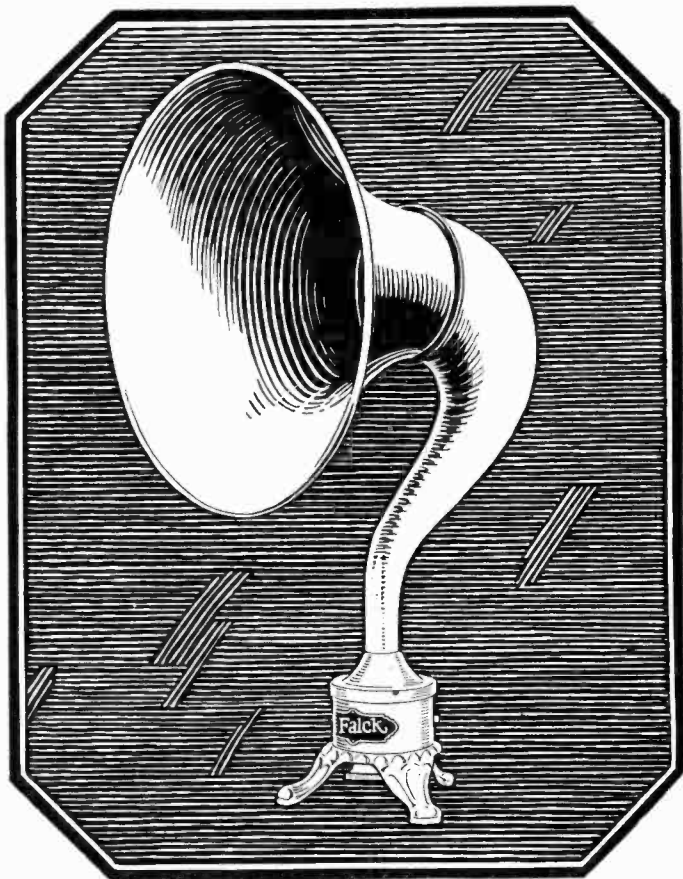
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BIBLE INSTITUTE OF LOS ANGELES

MR. M. E. CARRIER, Manager. Phone ME. 6701 PROF. H. G. TOVEY, Director of Programs

DAILY EXCEPT SUNDAY—

7:15 to 8:00 p. m.—Aunt Martha's children's hour.
8:30 to 9:00 a. m.—Devotional hour.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

10:00 a. m. to 12:30 p. m.—Regular services of the Church of the Open Door. Sermon by Dr. John M. MacInnis, Dean of the Bible Institute.
6:00 to 7:00 p. m.—Vesper service. Sermon by Rev. Keith L. Brooks,
7:15 to 9:30 p. m.—Regular services of the Church of the Open Door. Sermon by Dr. John M. MacInnis.

MONDAY, FEBRUARY 15—

2:00 to 3:00 p. m.—Monday Club. Miss Winifred Rouzee, lecturer; Mr. H. G. Tovey, song leader and soloist; Mr. K. L. Brooks at the piano.

8:00 to 9:00 p. m.—Musical program arranged by Mr. Ben Pierson, Jr.,

TUESDAY, FEBRUARY 16—

2:00 to 3:00 p. m.—Inspirational hour. Bible exposition and music.

8:00 to 9:00 p. m.—Program presented by the Brotherhood Club of Los Angeles, continuity program. Group singing at the table. Male quartet and selections played on a hand saw. Social problems of racial groups will be discussed and viewpoints from several representative races given. Pointed observations by a well known speaker.

WEDNESDAY, FEBRUARY 17—

2:00 to 3:00 p. m.—Inspirational hour. Rev. Rex E. Lawhead, pastor of the West Washington United Congregational Church, will speak. Miss Mildred Bridge, soprano, will sing.

8:00 to 9:00 p. m.—Program presented by students of the Bible Institute.

THURSDAY, FEBRUARY 18—

2:00 to 3:00 p. m.—Inspirational hour. Bible exposition by Miss Florence Chaffee.

8:00 to 8:30 p. m.—Prof. W. H. Head of the public speaking department of the Venice High School will give his weekly Biblical impersonations.

8:30 to 9:30 p. m.—Musical program. Vocal, piano and violin numbers.

FRIDAY, FEBRUARY 19—

2:00 to 3:00 p. m.—Inspirational hour. Short Bible exposition by Miss Berta Dyer. Miss Mildred Hanna, soprano, will sing.

2:00 to 9:00 p. m.—Miscellaneous musical program arranged by Miss Helen Yates of the Bible Institute radio department.

K N R C—Los Angeles, California—208 Meters

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WEEK COMMENCING MONDAY, FEBRUARY 15, 1926

MONDAY, FEBRUARY 15—

12:00 noon to 1:00 p. m.—Owen Fallon's Californians.

1:00 to 3:00 p. m.—Happy Dodge and his Blue Monday Musical.

6:00 to 7:00 p. m.—Studio organ recital.

7:00 to 8:00 p. m.—Pope and his Californians.

8:00 to 9:00 p. m.—Elite dance orchestra.

9:00 to 10:00 p. m.—Jackson's Satisfied Jazz Syncopators.

TUESDAY, FEBRUARY 16—

6:00 to 7:00 p. m.—Studio organ recital.

7:00 to 8:00 p. m.—Norman Harvey's orchestra.

8:00 to 9:00 p. m.—Golden West Syncopators.

11:30 p. m.—Bobby Fitzsimmons' "Follies of the Follies."

WEDNESDAY, FEBRUARY 17—

6:00 to 7:00 p. m.—Studio organ recital.

7:00 to 7:30 p. m.—Poultry talk by D. W. Dryden.

7:30 to 8:00 p. m.—Janet McDonald Co-Ed Orchestra.

8:00 to 8:00 p. m.—Chas. Dimond Steel Guitar and Uke Orphens' Six.

THURSDAY, FEBRUARY 18—

6:00 to 7:00 p. m.—Studio organ recital.

7:00 to 9:00 p. m.—Mosby's Dixieland Blue Blowers.

FRIDAY, FEBRUARY 19—

6:00 to 7:00 p. m.—Studio organ recital.

7:00 to 8:00 p. m.—Jimmie Tighe's Orchestra.

8:00 to 9:00 p. m.—Geo. Herbert Happ, Paramount Trio.

9:00 to 10:00 p. m.—Tinker Town Dance Orchestra.

SATURDAY, FEBRUARY 20—

6:00 to 7:00 p. m.—Studio organ recital.

7:00 to 8:00 p. m.—Figueroa Music Shop.

8:00 to 9:00 p. m.—Buster Jordan and entertainers.

9:00 to 11:00 p. m.—K N R C studio program, featuring Lou Parker, Jerry Gamble, Cecil Greer, Garnet Kibbler, Henry Kaplan, Jane Elliott.

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WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

10:00 a. m.—Morning church services.

8:00 p. m.—Evening church services.

8:45 to 9:45 p. m.—Maryland Artists' Ensemble, Henri J. van Praag, director, from the Maryland Hotel, Pasadena.

TUESDAY, FEBRUARY 16—

8:00 to 9:00 p. m.—Star-News Concert.

THURSDAY, FEBRUARY 18—

8:00 to 9:00 p. m.—Program arranged by the Pasadena Chamber of Commerce.

SATURDAY, FEBRUARY 20—

8:00 to 9:00 p. m.—Star-News Concert.

9:00 to 10:00 p. m.—Dance Orchestra from the Maryland Hotel, Pasadena.

K P P C—Pasadena, California—229 Meters

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PASADENA PRESBYTERIAN CHURCH

REV. ROBERT FREEMAN, D.D., Pastor

G. ANTON POHLMAN, Announcer

DAILY EXCEPT SUNDAY—

7:30 p. m.—Tower chimes by Samuel L. Allen and announcements.

7:45 p. m.—Short address.

WEEK COMMENCING MONDAY, FEBRUARY 15, 1926

SUNDAY, FEBRUARY 14—

10:30 a. m.—Tower chimes by Sam'l L. Allen and announcements.

11:00 a. m.—Sermon by Rev. Robert Freeman, D.D. Music by church quartet, directed by James H. Shearer. Soloist, Melba French Barr, soprano.

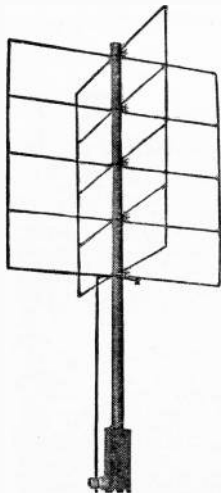
Evening Service Over KPSN (315.6)

7:00 p. m.—Tower chimes and announcements.

7:30 p. m.—Sermon by Dr. Freeman. Music by James H. Shearer, organist, and church quartet.

WEDNESDAY, FEBRUARY 17—

7:00 p. m.—Lecture by Fred P. Woelner, "Jesus the Master Teacher."



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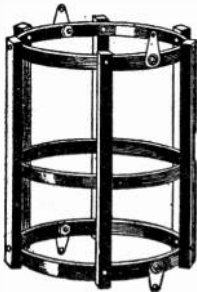
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- 10:00 a. m. to 12:00 noon—Music, news and entertainment.
2:30 to 4:00 p. m.—Municipal Band Concert.
4:00 to 4:30 p. m.—Press-Telegram News.
6:00 to 6:30 p. m.—Brayton Theater Organ Recital.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

- 6:00 to 6:30 p. m.—Brayton's Theater organ recital.
6:30 to 7:00 p. m.—K F O N amusement information and music.
7:45 to 9:00 p. m.—Services from First Church of Christ, Scientist.

MONDAY, FEBRUARY 15—

- 6:30 to 7:00 p. m.—K F O N gossip and amusement information.
7:00 to 8:00 p. m.—Nichols & Warinner investors' hour, with the Club Orchestra.
8:00 to 9:00 p. m.—Press-Telegram community service program.
9:00 to 11:00 p. m.—Gerry Galbreth's Venetians.

TUESDAY, FEBRUARY 16—

- 7:00 to 8:00 p. m.—Nichols & Warinner, investors' hour with California Foot Warmers
Orchestra.
8:00 to 9:00 p. m.—Press-Telegram studio program.
9:00 to 11:00 p. m.—Aero Club program.

WEDNESDAY, FEBRUARY 17—

- 6:30 to 7:00 p. m.—K F O N gossip and amusement information.
7:00 to 8:00 p. m.—Nichols & Warinner investors' hour, with Lulu Burnham's Orchestra.
8:00 to 9:00 p. m.—Press-Telegram studio program.
9:00 to 10:00 p. m.—Program presented by Sam Abrams—The Sign of Good Tailoring.
10:00 to 11:00 p. m.—Oriole Orchestra and entertainers.

THURSDAY, FEBRUARY 18—

- 6:30 to 7:00 p. m.—K F O N gossip and amusement information.
7:00 to 7:30 p. m.—Musical program by Deane R. Wither.
7:30 to 8:00 p. m.—Municipal Band concert.
8:00 to 8:15 p. m.—Hewitt's chat for book lovers.
8:15 to 9:00 p. m.—Municipal Band concert.
9:00 to 11:00 p. m.—Lake Club Orchestra.

FRIDAY, FEBRUARY 19—

- 6:30 to 7:00 p. m.—K F O N gossip and amusement information.
7:00 to 8:00 p. m.—Program presented by courtesy of Dalton & Hoagland Co.
8:00 to 9:00 p. m.—Press-Telegram studio program.
9:00 to 10:00 p. m.—Nichols & Warinner hour.
10:00 to 12:00 p. m.—Elks' Frolic—Lodge 888.

SATURDAY, FEBRUARY 20—

- 6:30 to 7:00 p. m.—K F O N gossip and amusement information.
7:00 to 8:00 p. m.—Nichols & Warinner investors' hour.
8:00 to 9:00 p. m.—Press-Telegram studio program.
9:00 to 11:00 p. m.—K F O N Artists Frolic, with Helene Smith, Clarence Cray, Clarice Russell, Arthur Heyne and Donn Crockett.

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DAILY—

- 12:30 to 1:30; 6:30 to 7:45 p. m.—Hotel St. Catherine Orchestra and Studio.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

- 5:00 to 6:00 p. m.—Miss Hewitt's Golden Hour.
8:15 to 9:15 p. m.—Hotel St. Catherine Lobby Concert.

MONDAY, FEBRUARY 15—

- 8:00 to 9:00 p. m.—Broadcast of stations all over the United States.

TUESDAY, FEBRUARY 16—

- 5:00 to 6:00 p. m.—Miss Hewitt's Golden Hour.
7:45 p. m.—Mrs. C. B. Parker, studio, on Nature Studies of Catalina Island.

THURSDAY, FEBRUARY 18—

- 8:00 to 9:00 p. m.—Broadcast of stations all over the United States.
7:30 to 8:00 p. m.—Judge Windle in Studio Psychology Talks.

FRIDAY, FEBRUARY 19—

- 5:00 to 6:00 p. m.—Miss Hewitt's Golden Hour and Rev. Watson.
7:45 to 10:00 p. m.—"Overseas Nights," Avalon Five; KFWO Quartet (Miss Hewitt, soprano; Mrs. Williams, contralto; Mr. C. E. Patterson, tenor; Mr. Williams, base), etc.

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CLAIR E. MORRISON, Technical Director

DAILY EXCEPT SUNDAY—

- 7:00, 7:30, 8:00 a. m.—Daily dozen exercises given under the direction of the Y. M. C. A.
 10:30 a. m.—"Ye Towne Cryer" and amusement information service. U. S. weather forecast.
 12:00 noon—Time signals. Scripture reading.
 1:00 to 2:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
 6:15 to 6:30 p. m.—A. A. Houseman stock quotations.
 6:30 to 6:40 p. m.—"Ye Towne Cryer" and amusement information.
 10:35 a. m.—Market report on butter, eggs, cheese and poultry.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926**SUNDAY, FEBRUARY 14—**

- 9:45 to 10:45 a. m.—Undenominational and non-sectarian church service. Talk: "A Challenge to Our Faith," by Dr. W. J. Fisher, pastor 7th Avenue Presbyterian Church.
 10:45 a. m.—"Ye Towne Cryer." U. S. weather forecast.
 5:00 to 6:00 p. m.—Organ recital by Marshall W. Giselman at the California Palace of the Legion of Honor.
 6:00 to 6:30 p. m.—Waldemar Lind and the States Restaurant Orchestra.
 6:30 to 8:35 p. m.—Palace Hotel Concert Orchestra, Cyrus Trobbe director.
 8:35 to 9:00 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
 9:00 to 10:00 p. m.—Atwater Kent artist program under the direction of Ernest Ingold, Inc..

FONDAY, FEBRUARY 15—

- 2:30 to 3:30 p. m.—Matinee program.
 5:15 to 6:15 p. m.—Children's hour stories by Big Brother taken from the Book of Knowledge.
 6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.
 7:00 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
 8:00 to 9:00 p. m.—Organ recital by Uda Waldrop official organist of KPO, at the Wurlitzer organ.
 9:00 to 10:00 p. m.—KPO, San Francisco, and KFI, Los Angeles, broadcasting simultaneously a program originating in the KFI studios for the Walter M. Murphy Motor Company.

10:00 to 11:00 p. m.—Jack Coakley's Cabirians playing at the Cabiria Cafe.

TUESDAY, FEBRUARY 16—

- 2:30 to 3:30 p. m.—Matinee program.
 3:30 to 4:30 p. m.—Cyrus Trobbe's Palace Hotel Concert Orchestra.
 5:15 to 6:15 p. m.—Children's hour stories by Big Brother taken from the Book of Knowledge.
 6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.
 7:00 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
 8:00 to 9:00 p. m.—A program under the direction of Harry Bultman, baritone.
 9:00 to 10:00 p. m.—Program given through the courtesy of the Mona Motor Oil Company.
 10:00 to 11:00 p. m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.

WEDNESDAY, FEBRUARY 17—

- 2:30 to 3:30 p. m.—Matinee program.
 3:30 p. m.—Notes from "Breath of the Avenue" on New York fashion.
 5:15 to 6:15 p. m.—Children's hour stories by Big Brother of KPO taken from the Book of Knowledge.
 6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.
 7:00 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
 8:00 to 9:00 p. m.—Program by the Atwater Kent Artists under the direction of Ernest Ingold, featuring orchestral numbers and vocal solos.
 9:00 to 10:00 p. m.—Program of dance music by the Goodrich Silvertown Cord Orchestra, Reg Code director.
 10:00 to 11:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.

THURSDAY, FEBRUARY 18—

- 2:30 to 3:30 p. m.—Matinee program.
 3:30 to 4:30 p. m.—Cyrus Trobbe's Palace Hotel Concert Orchestra.
 5:15 to 6:15 p. m.—Children's hour stories by Big Brother taken from the Book of Knowledge.
 6:40 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.
 7:00 to 7:30 p. m.—Rudy Seiger's Fairmont Hotel Orchestra.
 8:00 to 9:00 p. m.—Studio program.
 9:00 to 10:00 p. m.—Program featuring James Todd in violin solos Edna Walbert, mezzo soprano, and Amerigo Frediani, tenor.
 10:00 to 11:00 p. m.—Jack Coakley's Cabirians playing at Cabiria Cafe.

FRIDAY, FEBRUARY 19—

- 5:30 to 6:00 p. m.—Big Brother's talk to the children.
 6:30 to 7:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.
 7:00 to 7:10 p. m.—Investment talk by J. C. Wilson of Bradford-Kimball & Co.
 7:10 to 7:20 p. m.—Book reviews by Harry A. Small of The Chronicle.
 8:00 to 9:00 p. m.—Studio program.
 9:00 to 10:00 p. m.—Palace Hotel Rose Room Dance Orchestra Gene James director.
 10:00 to 11:00 p. m.—Waldemar Lind and the States Restaurant Orchestra.

SATURDAY, FEBRUARY 20—

- 2:30 to 3:30 p. m.—A program by Read Givens, tenor, and Carlton Peters, pianist.
 3:30 to 5:30 p. m.—Cyrus Trobbe's Palace Hotel Concert Orchestra.
 6:30 to 7:30 p. m.—Waldemar Lind and the States Restaurant Orchestra.
 8:00 to 12:00 p. m.—Fairmont Hotel Dance Orchestra Reg Code directing.

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WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

- 6:30 to 7:30 p. m.—Concert in Drury Lane, Hotel Whitcomb, by Stanislaus Bem's Little Symphony Orchestra. Dinner concert.
8:00 to 10:00 p. m.—Concert by Bem's Little Symphony Orchestra.
10:00 to 11:00 p. m.—Music by Walter Krausgrill's Orchestra.

MONDAY, FEBRUARY 15—

- 5:00 to 5:15 p. m.—Weekly health and safety talk.
5:30 to 6:30 p. m.—"Mac and His Gang."
6:30 to 7:00 p. m.—Jo Mendell's Pep Band, Lido's Cafe and Wigwam.
8:00 to 9:00 p. m.—"Mac Around the Campfire."
9:00 to 9:15 p. m.—"15 Minutes at the Piano," Cressy Ferra.

TUESDAY, FEBRUARY 16—

- 5:30 to 6:30 p. m.—"Mac and His Gang."
6:30 to 7:00 p. m.—Fred McKinley of Bijin's, popular songs.
8:00 to 9:00 p. m.—Studio program, Lorelei Quartette.
9:00 to 9:30 p. m.—Carl Lamont's popular program.
9:30 to 11:00 p. m.—Dance music from Balconades Ballroom.

WEDNESDAY, FEBRUARY 17—

- 5:30 to 6:30 p. m.—"Mac and His Gang."
6:30 to 7:30 p. m.—Concert by Stanislaus Bem's Little Symphony Orchestra.
8:00 to 9:00 p. m.—Concert by Bem's Little Symphony.
9:00 to 10:00 p. m.—Studio program, San Francisco Conservatory of Music.
10:00 to 12:00 p. m.—Dance music from the Balconades Ballroom, Walter Krausgrill's Orchestra.

THURSDAY, FEBRUARY 18—

- 4:00 to 5:00 p. m.—Art Weidner's Fior D'Italia Orchestra.
5:30 to 6:30 p. m.—"Mac and His Gang."
8:00 to 8:30 p. m.—Studio program.
8:30 to 10:00 p. m.—Dance music from the Balconades Ballroom.

FRIDAY, FEBRUARY 19—

- 5:30 to 6:30 p. m.—"Mac and His Gang."
6:30 to 7:30 p. m.—Concert in Drury Lane, Hotel Whitcomb, by Stanislaus Bem's Little Symphony Orchestra.
8:00 to 9:00 p. m.—Concert by Bem's Little Symphony, Whitcomb Hotel.
9:00 to 10:00 p. m.—Studio program, "Community Chest."
10:00 to 11:00 p. m.—Continuous dance music from the Balconades Ballroom.

SATURDAY, FEBRUARY 20—

- 4:00 to 5:00 p. m.—"Tea Hour Music," Stanislaus Bem's Little Symphony Orchestra.
5:30 to 6:30 p. m.—"Mac and His Gang."
6:30 to 7:30 p. m.—Wilt Gunzendorfer's Band, playing in Drury Lane, Whitcomb Hotel.
8:00 p. m. to 1:00 a. m.—Wilt Gunzendorfer's Band. Dance music.

K J B S—San Francisco, Calif.—220 Meters

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Miss Lottie Cress, Concert Director, Phone Graystone 456. Edw. Ludes, Announcer

DAILY EXCEPT SUNDAY—

- 9:00 to 10:45 a. m.—Vocal and instrumental selections.
2:00 to 2:30 p. m.—Vocal and instrumental selections.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

- 5:00 to 6:30 p. m.—Dinner hour program by "Johnson's Harmony Five." Intermission solos by Sheridan Williams, Louise and Gretchen Wolbert and Rudy Swall.

MONDAY, FEBRUARY 15—

- 8:00 to 9:00 p. m.—Studio concert by Herb Sammann's Orchestra. Intermission solos by Ray MacDonald, tenor; Sadie Woodside, mezzo, and Vera Adelstine, piano.
9:00 to 10:00 p. m.—Program by "The Favorite Hour Entertainers." Gladys La Marr at the Baldwin piano, assisted by "Maggio's Harmony Five."

WEDNESDAY, FEBRUARY 17—

- 8:00 to 10:00 p. m.—Studio program by the "After Dinner Boys," Jimmy Raymond and Harry Hume, assisted by Margie Reynolds, Jack Reid, Mabel Williamson and Frances Durham.

FRIDAY, FEBRUARY 19—

- 8:00 to 9:00 p. m.—Studio program by Venzy's Band. Intermission numbers by Sam Knapp and his "Uke," Dorothy Thomas and Gertrude Tracy, baritone.
9:00 to 11:30 p. m.—Weekly meeting of the "Royal Order of Smoked Serrings."

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R. J. CRAIG, Pastor.

G. P. ANDREWS,, Music Director

Telephone: Walnut 4682

DAILY EXCEPT SUNDAY—

8:00 to 8:15 a. m.—Scripture reading.

8:00 to 9:30 p. m.—Evening service.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

2:30 p. m.—Sunday School lesson.

3:00 p. m.—Church service under the direction of Pastor R. J. Craig. Music and choir directed by G. P. Andrews.

8:00 p. m.—Evangelistic service under the direction of Pastor R. J. Craig. Music and choir directed by G. P. Andrews.

MONDAY, FEBRUARY 15—

Silent all day.

TUESDAY, FEBRUARY 16—

8:00 a. m.—Scripture reading.

2:30 p. m.—Glad Tidings Hour. Studio program by Students of the Bible Institute. Vocal and instrumental music.

8:00 p. m.—Evangelistic service under the direction of Pastor R. J. Craig. Orchestra music under th edirection of G. P. Andrews.

WEDNESDAY, FEBRUARY 17—

8:00 a. m.—Scripture reading.

2:30 p. m.—Healing service under the direction of Pastor R. J. Craig. Special numbers in music.

8:00 p. m.—Evening service under the direction of Pastor R. J. Craig. Special prayer offered for the sick.

THURSDAY, FEBRUARY 18—

8:00 a. m.—Scripture reading.

2:30 p. m.—Glad Tidings Hour. Studio program by Students of the Bible Institute. Vocal and instrumental music.

FRIDAY, FEBRUARY 19—

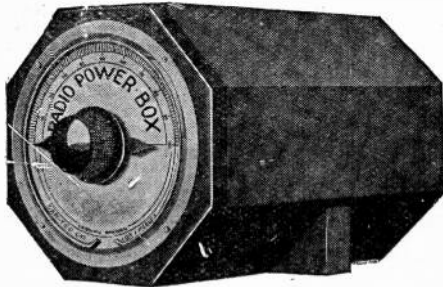
8:00 a. m.—Scripture reading.

2:30 p. m.—Glad Tidings Hour. Studio program by Students of the Bible Institute. Vocal and instrumental music.

8:00 p. m.—Baptismal service under the direction of Pastor R. J. Craig. Special musical numbers.



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DAILY EXCEPT SUNDAY—

- 7:15 to 7:30 a. m.—Health Training Exercises; Hugh Barrett Dobbs. William H. Hancock, accompanist.
- 7:45 a. m.—"Pep Class," Hugh Barrett Dobbs.
- 8:15 to 8:30 a. m.—Health Training Exercises, Hugh Barrett Dobbs.
- 8:30 a. m.—"Daily Strength," Cheerio.
- 12:00 noon.—Time signal and weather report.
- 12:30 p. m.—U. S. Weather Bureau report.
- 1:30 p. m.—New York and San Francisco stock reports.
- 6:55 p. m.—News items and final reading of weather and stock reports.

DAILY EXCEPT SUNDAY AND MONDAY—

- 4:00 to 5:30 p. m.—Concert Orchestra, Hotel St. Francis.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY FEBRUARY 14—

- 11:00 a. m.—Service of St. Luke's Episcopal Church, San Francisco; Rev. W. W. Jennings, rector.
- 3:30 p. m.—Concert KGO Little Symphony Orchestra, Carl Rhodehamel conducting, assisted by Arthur S. Garbett, interpretative writer and Marjorie Sprague Stoner, contralto, guest artist.
- 8:00 p. m.—Service of St. Luke's Episcopal Church San Francisco; Rev. W. W. Jennings, rector.

MONDAY, FEBRUARY 15—

- 11:30 a. m. to 1:00 p. m.—Pacific States Electric Company luncheon concert.
- 3:00 to 4:00 p. m.—Musical program. Also, interpretation of the classics by Wilda Wilson Church.
- 5:30 to 6:00 p. m.—Aunt Betty stories and KGO Kiddies' Klub—Ruth Thompson.
- 6:00 to 6:55 p. m.—Baldwin Piano Company dinner concert. Knickerbocker Trio.
- 8:00 p. m.—Educational program. Music, Arion Trio. Address by Major Edward I. Bowie, director of U. S. Weather Bureau. "Chats About New Books," Joseph Henry Jackson. "Better English," Wilda Wilson Church. "The Value of Example," Dr. Aurelia Reinhardt. "Short Story Writing—Character Drawing," Rebecca N. Porter.

TUESDAY, FEBRUARY 16—

- 11:30 a. m. to 1:00 p. m.—Sherman, Clay & Company luncheon concert.
- 5:30 p. m.—"As a Woman Thinketh," Louise Landis, newspaper woman's page writer.
- 6:00 to 6:55 p. m.—Baldwin Piano Company dinner concert. Knickerbocker Trio.
- 8:00 to 9:00 p. m.—Eveready program. Eva Gruninger Atkinson contralto; Easton Kent, tenor; Marion Nicholson, violinist; Esta Marvin Pomeroy, accompanist.
- 9:00 to 9:30 p. m.—Marjorie Sprague Stoner, contralto; Beatrice L. Sherwood, accompanist; address, "More Humorous Typographical Errors," Fred L. Button.
- 9:30 p. m.—Auction Bridge feature.
- 10:00 p. m. to 12 midnight—Dance music program by Girvin-Deuel's California Collegians, Hotel St. Francis.

WEDNESDAY, FEBRUARY 17—

- 8:45 a. m.—Mme. Elfrieda Wynne, inspirational songs.
- 11:30 a. m. to 1:00 p. m.—Pacific States Electric Company luncheon concert.
- 3:00 to 4:00 p. m.—Speaker from the Williams Institute, Berkeley. Edna Linkowski, Russian pianiste. George Brisco and Chester Ginter in their own songs. Beth Lackey presents Jack Manley, violinist. Frank Clark, pianist, presented by the Waterman Piano School.
- 5:30 p. m.—Mr. Fix-it.
- 6:00 to 6:55 p. m.—Baldwin Piano Company dinner concert. Knickerbocker Trio.

THURSDAY, FEBRUARY 18—

- 11:30 a. m. to 1:00 p. m.—Sherman, Clay & Company luncheon concert.
- 5:30 to 6:30 p. m.—George W. Ludlow, "Friend to Boys"; also George Blaufuss, juvenile entertainer.
- 8:00 to 9:00 p. m.—William E. Chamberlain, baritone; Helen Bacigalupi, soprano; Mary Acella Chamberlain, violinist; Hugo Carver, tenor; Blair Manchester, tenor.
- 9:00 to 10:00 p. m.—Concert by the 159th Infantry Band, California National Guard, Captain Byron W. Gray, commander; Godfrey Bulione, band master.
- 10:00 p. m. to 1:00 a. m.—Brokaw and his orchestra from Paradise Gardens, Oakland.

FRIDAY, FEBRUARY 19—

- 11:10 a. m.—Prudence Penny home-making talks.
- 11:30 a. m. to 1:00 p. m.—Pacific State Electric Company luncheon concert.
- 3:00 to 4:00 p. m.—Rose Florence presents Emily Beal, soprano, and Mrs. Arthur Ford, mezzo-soprano; Irma Harris Vogt, accompanist. Duke Kamoki's Royal Hawaiians.
- 5:30 to 6:00 p. m.—Girls' Half Hour, conducted by Esther Wood Schneider.
- 6:00 to 6:55 p. m.—Baldwin Piano Company dinner concert. Knickerbocker Trio.

SATURDAY, FEBRUARY 20—

- 8:45 a. m.—Songs, William H. Hancock.
- 11:30 a. m. to 1:00 p. m.—Sherman, Clay & Company luncheon concert.
- 8:00 p. m.—Weekly "Sport Review" by Al Santoro.
- 8:10 p. m.—Baldwin Piano Company program. "Olivette," a comic opera by Edmond Audran; special revised libretto by Charles Saldwell Dobie. Presented by the Players Guild of San Francisco, under the direction of Reginald Travers and Harry Brown Wood.
- 10:00 p. m. to 12 midnight—Dance music program by Girvin-Deuel's California Collegians.



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ADA MORGAN O'BRIEN, Director

DAILY EXCEPT SUNDAY—

9:00 to 9:30 a. m.—Prayer Service.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926**SUNDAY, FEBRUARY 14—**

9:45 to 10:45 a. m.—Bible lecture by Prof. E. G. Linsley.

11:00 a. m. to 12:30 p. m.—Church service.

7:45 to 9:15 p. m.—Church service.

9:30 to 11:00 p. m.—After-service concert.

MONDAY, FEBRUARY 15—

9:00 to 9:30 a. m.—Prayer service by Rev. E. L. Spaulding.

12:00 to 1:00 p. m.—Luncheon concert.

4:00 to 5:00 p. m.—Women's Club notes.

8:00 to 10:00 p. m.—Program by Western States Life Ins. Co.

TUESDAY, FEBRUARY 16—

9:00 to 9:30 a. m.—Prayer service by Rev. G. W. Phillips.

9:30 to 9:40 a. m.—Talk on the proper care of your household pets by Ansel W. Robison of San Francisco.

12:00 to 1:00 p. m.—Luncheon concert.

8:00 to 10:00 p. m.—Studio program.

WEDNESDAY, FEBRUARY 17—

9:00 to 9:30 a. m.—Prayer service by Rev. G. W. Phillips.

12:00 to 1:00 p. m.—Luncheon concert.

THURSDAY, FEBRUARY 18—

9:00 to 9:30 a. m.—Prayer service by Rev. G. W. Phillips.

12:00 to 1:00 p. m.—Luncheon concert.

8:00 to 10:00 p. m.—Studio program.

FRIDAY FEBRUARY 19—

9:00 to 9:30 a. m.—Prayer service by Rev. E. L. Spaulding.

12:00 to 1:00 p. m.—Luncheon concert.

8:00 to 10:00 p. m.—Program by Breuner's.

SATURDAY, FEBRUARY 20—

9:00 to 9:30 a. m.—Prayer service by Rev. E. L. Spaulding.

12:00 to 1:00 p. m.—Luncheon concert.

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WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

9:00 to 10:00 a. m.—Musical selections and International Sunday School Lesson expositions.

3:30 to 4:30 p. m.—Studio program of sacred music by the chorus of the Oakland Temple Baptist Church, Chas. E. Ross, pastor.

MONDAY, FEBRUARY 15—

6:00 to 6:15 p. m.—Children's Bible story hour.

6:25 to 6:30 p. m.—Bible reading hour, New Testament (Weymouth's Translation).

6:30 to 7:00 p. m.—K F U S Gospel Radio Vesper service.

TUESDAY, FEBRUARY 16—

6:00 to 6:15 p. m.—Children's Bible story hour.

6:30 to 7:00 p. m.—K F U S Gospel Radio Vesper service.

8:00 to 9:00 p. m.—Studio program.

WEDNESDAY, FEBRUARY 17—

6:00 to 6:15 p. m.—Children's Bible story hour.

6:15 to 6:30 p. m.—Bible reading hour, New Testament (Weymouth's Translation).

6:30 to 7:00 p. m.—K F U S Gospel Radio Vesper service.

8:00 to 9:00 p. m.—Special program by the K F U S Gospel Radio Chorus.

THURSDAY, FEBRUARY 18—

5:00 to 5:30 p. m.—Children's novelty program, by boys and girls with musical toys.

Program given by courtesy of "Ford's Toy Fair," Oakland, Calif.

6:00 to 6:15 p. m.—Children's Bible story hour.

6:30 to 7:00 p. m.—K F U S Gospel Radio Vesper service.

FRIDAY, FEBRUARY 19—

6:00 to 6:15 p. m.—Children's Bible story hour.

6:30 to 7:00 p. m.—K F U S Gospel Radio Vesper service.

8:00 to 9:00 p. m.—Regular studio program of sacred music, given by the Gospel Tabernacle Chorus of the Christian and Missionary Alliance Church, Rev. Hardy W. Mitchell, pastor.

SATURDAY, FEBRUARY 20—

6:00 to 7:00 p. m.—Sacred musical hour of the Big Downtown Mission, Ninth and Broadway; Harry Morse, pastor; Nellie Boyle, pianist. Short message by the pastor. Musical selections by the Downtown Mission chorus and orchestra.

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MONDAY, WEDNESDAY, FRIDAY—

4:00 to 5:00 p. m.—Women's Hour.
5:00 to 5:30 p. m.—Aunt Elsie's Sunset Matinee.
7:00 to 7:30 p. m.—News broadcast.

WEEK COMMENCING MONDAY, FEBRUARY 15, 1926**MONDAY, FEBRUARY 15—**

4:00 to 5:00 p. m.—Women's hour.
6:30 to 7:00 p. m.—Athens Athletic Club Orchestra.
7:00 to 7:30 p. m.—News broadcast.
8:00 to 9:00 p. m.—Studio program.
9:00 to 10:30 p. m.—Meeting of the Protective Order of Lake Merritt Ducks.

TUESDAY, FEBRUARY 16—

7:00 to 1:30 p. m.—News broadcast. Silent after 7:30 p. m.

WEDNESDAY, FEBRUARY 17—

4:00 to 5:00 p. m.—Women's hour.
5:00 to 5:30 p. m.—Aunt Elsie's Sunset Matinee.
6:30 to 7:00 p. m.—Athens Athletic Club Orchestra.
7:00 to 7:30 p. m.—News broadcast.
8:00 to 9:00 p. m.—Educational program featuring Roy Harrison Danforth, Ad Schuster, Harry Noyes Pratt, Nadine Shephard, Prof. E. R. deOng and other experts.
9:00 to 10:00 p. m.—Studio program.

THURSDAY, FEBRUARY 18—

7:00 to 1:30 p. m.—News broadcast. Silent after 7:30 p. m.

FRIDAY, FEBRUARY 19—

4:00 to 5:00 p. m.—Women's hour.
5:00 to 5:30 p. m.—Aunt Elsie's Sunset Matinee.
7:00 to 7:30 p. m.—News broadcast.
8:00 to 9:45 p. m.—Studio program.
9:45 to 10:30 p. m.—Athens Athletic Club Orchestra.

SATURDAY, FEBRUARY 20—

7:00 to 1:30 p. m.—News broadcast. Silent after 7:30 p. m.

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DAILY EXCEPT SUNDAY—

- 7:30 a. m.—Good thought service.
- 11:15 a. m.—Physical exercises.
- 7:00 p. m.—Current news.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

- 10:00 to 11:00 a. m.—Church service (radio cast from the K R E studios) and conducted by the First Nazarene Church of Berkeley, Calif.; Rev. C. D. Norris, pastor. Music by special quartet.
- 6:30 to 7:30 p. m.—Dinner concert (radiocast from the dining room of the Hotel Claremont, Berkeley, Calif.), by the Sterling Trio. Richard Bailey, pianist; Maure Hunkins, violinist, and Sterling Hunkins, 'cellist.
- 8:15 to 9:00 p. m.—Special concert (radiocast from the Palm Court of the Hotel Claremont, by the Sterling Trio, with special vocalist.
- 9:00 to 10:00 p. m.—No hour of sacred music.

MONDAY, FEBRUARY 15—

- 7:15 p. m.—Topics of the day. (Play night.)
- 8:00 to 10:00 p. m.—Studio program. K R E Players, under the direction of Miss Ruth Taft will present "The Lady of Lyons," by Sir Edward Bulwer-Lytton.

TUESDAY, FEBRUARY 16—

- 7:15 p. m.—Topics of the day. (Educational night.)
- 9:00 to 10:00 p. m.—Studio program.
- 10:00 to 11:00 p. m.—Dance program, by Bud White's Orchestra.

WEDNESDAY, FEBRUARY 17—

- 5:00 to 6:00 p. m.—Big Brother's hour with the boys and girls.
- 5:30 p. m.—Entertainment by pupils from Oxford Elementary School of Berkeley, Calif. Clara M. Partridge, principal.
- 7:00 p. m.—Current news by leased wire.
- 7:15 p. m.—Topics of the day.
- 9:00 to 12:00 p. m.—No dance program.

THURSDAY, FEBRUARY 18—

- 7:15 p. m.—Topics of the day. (Community night.)
- 8:00 to 10:00 p. m.—Studio program. Musical and dramatic selections.
- 10:00 to 11:00 p. m.—Dance program.

FRIDAY, FEBRUARY 19—

- Dance Night.
- 9:00 to 12:00 p. m.—Dance program by Bob Beal and his Hotel Claremont Orchestra, playing at the dinner dance at the Hotel Claremont, Berkeley, Calif.
- 10:00 p. m.—Studio program. Intermission solos will be rendered by members of the orchestra continuously during the evening.

SATURDAY, FEBRUARY 20—

- Dance Night.
- 8:00 p. m. to 1:00 a. m.—Dance program by Bob Beal and his Hotel Claremont Orchestra, playing at the dinner dance at the Hotel Claremont, Berkeley, Calif.
- 9:00 p. m.—Studio program. Intermission solos by members of the orchestra.
- 10:00 p. m.—Studio program. Robert Miller, K R E's singing realty man, singing his own original compositions, accompanied on the ukulele.
- 11:00 p. m.—Studio program. Intermission solos will be rendered by members of the orchestra continuously during the evening.

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DAILY EXCEPT SUNDAY—

8:30 to 7:10 p. m.—Gasoline George Kids' Hour.
 7:15 to 7:30 p. m.—News events, Oakland Times.

WEEK COMMENCING MONDAY, FEBRUARY 15, 1926**MONDAY, FEBRUARY 15—**

10:45 to 11:45 a. m.—Concert.

TUESDAY, FEBRUARY 16—

7:10 to 7:20 p. m.—Dr. R. C. Endries on the care of the eyes.
 8:00 to 9:00 p. m.—Great Western Power Orchestra.
 9:00 to 10:00 p. m.—Al Yulles' Orchestra.

THURSDAY, FEBRUARY 18—

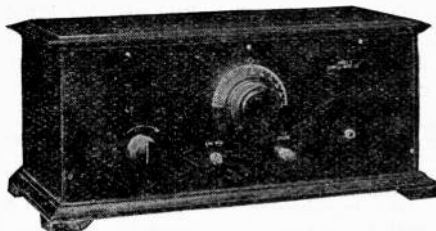
8:00 to 9:00 p. m.—Milt Harris' Society Orchestra and Geo. Hildreth.
 9:00 to 10:00 p. m.—Flint Hawaiians.

SATURDAY, FEBRUARY 20—

8:00 to 9:00 p. m.—Program by Marian Patricia Cavanaugh.
 9:00 to 10:30 p. m.—Jimmie Cornell's Orchestra.
 12:15 to 2:00 a. m.—Wilson's L'Aiglon Midnight Frolic.

SUNDAY, FEBRUARY 21—

8:00 to 9:30 p. m.—Studio program.

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DAILY EXCEPT SUNDAY—

10:30 to 11:30 a. m.—Musical program.

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

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

9:30 a. m.—KFWH church services.

MONDAY, FEBRUARY 15—

6:30 p. m.—Uncle Bill, broadcasting children's hour program.

8:00 to 10:00 p. m.—The Forum Society of the Chico High School presents "Peg o' My Heart," a comedy in three acts, under direction of Douglas B. Miller.

12:00 p. m. to 1:30 a. m.—Special late hour musical program.

WEDNESDAY, FEBRUARY 17—

6:30 p. m.—Uncle Bill, broadcasting children's hour program.

8:00 to 10:00 p. m.—Musical studio program, featuring vocal and instrumental selections.

10:00 p. m.—Weekly meeting of the Hooker Oak Squirrels; music, humor and nonsense.

12:00 p. m. to 1:30 a. m.—Special late hour musical program.

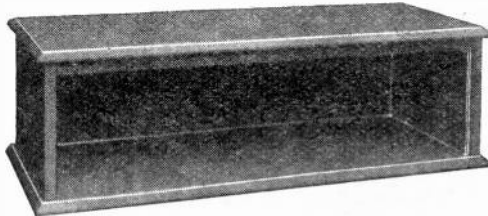
FRIDAY, FEBRUARY 19—

6:30 p. m.—Uncle Bill, broadcasting children's hour program.

8:00 to 10:00 p. m.—Musical studio program, featuring vocal and instrumental selections.

12:00 p. m. to 1:30 a. m.—Special late hour program.

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K G W—Portland, Oregon—491.5 Meters500 WATTS—610 KILOCYCLES
MORNING OREGONIAN**DAILY EXCEPT SATURDAY AND SUNDAY—**

- 7:15 a. m.—Physical culture exercises.
 10:30 a. m.—Town Crier, music, weather reports, news items.
 12:30 to 1:30 p. m.—Rose City Trio.
 6:00 to 7:00 p. m.—Dinner concert.
 7:30 to 7:45 p. m.—Weather, market and police reports and news items.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926**SUNDAY, FEBRUARY 14—**

- 10:25 a. m. to 12 noon—Morning church services from the First Presbyterian Church.
 7:30 to 9:00 p. m.—Evening services from the East Side Baptist Church.
 9:00 to 10:00 p. m.—Concert, Chevrolet Symphony Orchestra, presented by Chevrolet Motor Company. Weather report.

MONDAY, FEBRUARY 15—

- 6:00 to 7:00 p. m.—Dinner concert, courtesy the Olds, Wortman & King Company.
 8:00 to 9:00 p. m.—Concert, courtesy the Willys-Overland Pacific Company.
 9:00 to 10:00 p. m.—Concert.

TUESDAY, FEBRUARY 16—

- 6:00 to 7:00 p. m.—Dinner concert, courtesy the Olds, Wortman & King Company.
 8:00 to 10:00 p. m.—Educational program.
 10:00 to 12:00 p. m.—Dance music by wire from Gold Room of Multnomah Hotel.

WEDNESDAY, FEBRUARY 17—

- 8:00 to 9:00 p. m.—Concert by the 7th United States Infantry Band.
 9:00 to 10:00 p. m.—Concert.
 10:00 to 11:00 p. m.—Concert from Sherman, Clay & Co. Duo Art Studio.

THURSDAY, FEBRUARY 18—

- 7:45 to 8:00 p. m.—Lecture, given under the auspices of the Catholic Truth Society.
 Silent after 8 p. m.

FRIDAY, FEBRUARY 19—

- 8:00 to 9:00 p. m.—Concert.
 9:00 to 10:30 p. m.—Concert from the Sherman, Clay & Company Duo-Art Studio.
 10:30 to midnight—Hoot Owl Frolic.

SATURDAY, FEBRUARY 20—

- 12:30 to 1:30 p. m.—Concert, courtesy the Oregon Radio Trades Association.
 9:00 to 12:00 p. m.—Dance music by wire telephony from Indian Grill of Multnomah Hotel.
 Intermission piano solos by Curt Kremer.

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10:30 to 11:30 a. m.—Musical Program.

1:30 to 3:00 p. m.—Post-Intelligencer daily matinee program.

3:00 p. m.—Pacific Standard Time.

5:40 to 8:00 p. m.—Closing quotations New York Stock Exchange by A. A. Housman & Co.

8:00 to 8:30 p. m.—Weather reports and "The Box Office"—a daily resume of doings at Seattle theaters.

8:00 p. m.—Pacific Standard Time.

10:00 p. m.—Pacific Standard Time.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926**SUNDAY, FEBRUARY 14—**

11:00 a. m. to 12:30 p. m.—Church services from First M. E. Church, Dr. J. Ralph Magee, pastor.

5:00 to 6:00 p. m.—Renfro-Wadenstein presenting the Spargur String Quartet in Chamber Music.

7:15 to 7:30 p. m.—Organ recital played by Mrs. Montgomery Lynch on the great organ of First M. E. Church.

7:30 to 9:00 p. m.—Evening services of First M. E. Church, Dr. J. Ralph Magee, pastor.

9:00 to 10:30 p. m.—Puget Sound Savings & Loan Assn. Orchestra under direction of Henry Damski.

MONDAY, FEBRUARY 15—

7:00 to 8:30 p. m.—Sears-Roebuck & Co. studio program; Aunt Bunny, the story lady; Mendelssohn Trio.

8:30 to 10:00 p. m.—Post-Intelligencer studio program.

TUESDAY, FEBRUARY 16—

7:00 to 8:30 p. m.—Frederick & Nelson: "Bedtime Stories"; musical program by Cornish School Artistic Ensemble; Peter Mereblum, violin; Kola Levienne, cello; Mme. Berthe Poncy-Dow, pianist.

8:30 to 10:00 p. m.—Puget Sound Savings & Loan Assn. Orchestra, directed by Henry Damski.

WEDNESDAY, FEBRUARY 17—

7:00 to 8:30 p. m.—Sears-Roebuck & Co. studio program; Aunt Bunny, the story lady; Bab's Lady Orchestra.

8:30 to 10:00 p. m.—Post-Intelligencer studio program.

THURSDAY, FEBRUARY 18—

7:00 to 8:30 p. m.—Poole Electric Co., 116 4th Ave., Distributors of the Eureka Vacuum Cleaner. Studio program by Eureka Mixed Quartet.

8:30 to 10:00 p. m.—Puget Sound Savings & Loan Assn. Orchestra directed by Henry Damski.

10:30 to 12:00 p. m.—Post-Intelligencer, presenting weekly meeting of the "Keep Joy Radiating Order of Bats."

FRIDAY, FEBRUARY 19—

7:00 to 8:30 p. m.—Lundquist-Lilly in Old Time Songs by Lundquist-Lilly Male Quartet.

8:30 to 10:00 p. m.—Post-Intelligencer studio program.

SATURDAY, FEBRUARY 20—

8:30 to 10:00 p. m.—The L. C. Warner Co. studio program, featuring Pacific Northwest Artists.

8:30 to 10:00 p. m.—Post-Intelligencer studio program.

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DAILY EXCEPT SUNDAY—

- 10:00 to 10:30 a. m.—The Home-Maker's half hour, conducted by Mary Gordon.
 3:00 to 4:00 p. m.—Programs by Women's Clubs of Seattle and the Pacific Northwest, arranged by Mary Gordon.
 4:00 to 5:15 p. m.—The Times "Afternoons at Home" program. Today's Recipe.
 5:15 to 5:30 p. m.—Around the Town. Resume of KFOA programs.
 6:00 to 6:45 p. m.—Hoffman Concert Orchestra.
 8:15 to 8:30 p. m.—Weather report.

WEEK COMMENCING MONDAY, FEBRUARY 15, 1926

MONDAY, FEBRUARY 15—

- 12:30 to 1:30 p. m.—Lions Club luncheon program from the Olympic Hotel.
 7:00 to 8:15 p. m.—Sherman, Clay & Co. studio program.
 8:15 to 8:30 p. m.—Industrial news by the Manufacturers' Association of Washington.
 Weather reports.
 8:30 to 10:00 p. m.—Times studio program.

TUESDAY, FEBRUARY 16—

- 12:30 to 1:30 p. m.—The Kiwanis Club luncheon program from the Olympic Hotel.
 7:00 to 8:15 p. m.—Olympic Carpet Refining Company.
 8:30 to 10:00 p. m.—Rhodes Department Store.
 10:00 to 11:00 p. m.—Rhodes Department Store presenting Jackie Souder's Club Lido Serenaders.

WEDNESDAY, FEBRUARY 17—

- 12:30 to 1:30 p. m.—The Rotary Club luncheon program from the Olympic Hotel.
 7:00 to 8:15 p. m.—Hopper Kelly Company studio program.
 8:30 to 10:00 p. m.—The Times.

THURSDAY, FEBRUARY 18—

- 12:30 to 1:30 p. m.—The Young Men's Business Club luncheon from the Olympic Hotel.

FRIDAY, FEBRUARY 19—

- 12:30 to 1:30 p. m.—The Seattle Chamber of Commerce program from Chamber of Commerce Building.
 6:00 to 6:30 p. m.—Atwater Kent boys. Children's hour.
 7:00 to 8:15 p. m.—Sherman, Clay & Co. studio program.
 8:30 to 10:00 p. m.—The Times studio program.
 10:00 to 11:00 p. m.—Rhodes Department Store presenting Jackie Souder's Club Lido Serenaders.

SATURDAY, FEBRUARY 20—

- 5:15 to 5:30 p. m.—Around the Town. Resume of KFOA programs.
 9:30 to 11:00 p. m.—Rhodes Department Store presenting Jackie Souder's Club Lido Serenaders.

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K O A C—Corvallis, Oregon—280 Meters

WEEK COMMENCING MONDAY, FEBRUARY 15, 1926

MONDAY, FEBRUARY 15—

- 6:50 p. m.—Musical selections.
- 7:00 p. m.—Agricultural question box.
- 7:10 p. m.—"Preparing Lambs for Market"—H. A. Lindgren, extension specialist in animal husbandry. Fifth of series on sheep raising.
- 7:25 p. m.—Market news interpretations.
- 7:30 p. m.—"Factors in Growing Spring Vegetables"—A. G. Bouquet, head, section of vegetable gardening, department of horticulture. Fifth of series on vegetable growing.
- 7:45 to 8:00 p. m.—"Oregon's Agricultural Situation"—R. S. Besse, farm management demonstrator.

WEDNESDAY, FEBRUARY 17—

- 7:30 p. m.—Musical selections.
- 7:30 p. m.—"Renovation of Hats"—Miss Gladys Peterson, instructor in millinery. Third of series on millinery.
- 7:45 to 8:00 p. m.—"Exercises for Reducing"—Miss Doris M. Thornely, assistant professor of physical education for women. Fourth of series on exercises for health.

FRIDAY, FEBRUARY 19—

- 7:20 p. m.—Musical selections.
- 7:30 p. m.—"The New Movement in Retailing—Carrying the Store to the Customer"—Professor H. T. Vance, head of department of secretarial training.
- 7:45 p. m.—"Inspection of the Auto's Electrical Wiring System"—K. F. Coulson, instructor of agricultural engineering.
- 7:55 p. m.—"Geology's Contribution to Civilization"—D. C. Livingston, professor of geology. First of series on geology.
- 8:15 to 9:15 p. m.—Program of music.

K W S C—Pullman, Wash.—348.6 Meters

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WEEK COMMENCING MONDAY, FEBRUARY 15, 1926

MONDAY, FEBRUARY 15—

- 7:00 to 8:00 p. m.—Vocal solos, Glow Williamson; piano solo, Margery Segessenmann; violin solos, Gladys Fraser; Psychology of Efficiency, Dr. F. F. Nalder; Chemistry in the Service of Man, No. 1, J. L. Culbertson, Associate Professor of Chemistry.; Hints on Feeding Young Chicks, W. D. Buchanan, Extension Specialist in Poultry. Basketball, University of Idaho vs. W. S. C., at 7:30 p. m.

WEDNESDAY, FEBRUARY 17—

- 7:00 to 8:00 p. m.—Special program by Treadwell's Dance Orchestra of Pullman. Violin solos, Rich Whitman; Contribution of Science to the Dairy Industry, Mechanical Refrigeration, E. V. Ellington; My Visit to the Egyptian Tombs, Miss Orilla Miner; What is a Mechanical Engineer? Prof. E. B. Parker; readings, Dorothea Allen; Rendering Beeswax, B. A. Slocum, Extension Specialist in Bees; Book Reviews, Alice Lindsay Webb.

FRIDAY, FEBRUARY 19—

- 7:00 to 8:00 p. m.—Piano, banjo and vocal numbers; Geology of the Northwest, Dr. H. E. Culver, State Geologist and Head of Geology Dept., W. S. C.; Developing a Gravity Water Supply, A. B. Crane. Basketball, Univ. of Washington vs. W. S. C., 7:15 p. m.

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K F W A—Ogden, Utah—261 Meters

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DAILY EXCEPT SUNDAY—

4:45 p. m.—Market Reports.
3:00 to 4:00 p. m.—Organ recital from Paramount Theater.
4:00 to 5:00 p. m.—Ogden Radio Dealers Program.

WEEK COMMENCING MONDAY, FEBRUARY 15, 1926

MONDAY, FEBRUARY 15—

3:00 to 4:00 p. m.—Organ recital from Paramount Theater.
4:00 to 5:00 p. m.—Ogden Radio Dealers Program.

WEDNESDAY, FEBRUARY 17—

8:00 to 9:30 p. m.—Music from Paramount Theater by remote control.
9:30 to 11:00 p. m.—Dance music by Olie Reeves and his Orchestra playing at the Berthana Ball Room.

SATURDAY, FEBRUARY 20—

8:00 to 9:30 p. m.—Music from Paramount Theater by remote control.
9:30 to 11:00 p. m.—Dance music by Olie Reeves and his Orchestra playing at the Berthana Ball Room.

K F A U—Boise, Idaho—280 Meters

750 WATTS—CLASS B
PUBLIC SCHOOLS (HIGH SCHOOL), BOISE, IDAHO
Pacific Time.

DAILY EXCEPT SATURDAY AND SUNDAY—

3:00 p. m.—Musical program.
3:30 p. m.—Market reports, weather forecast, and news item.

TUESDAY, FEBRUARY 16—

6:30 p. m.—Children's program directed by Mrs. Forrest Pitts. Feature, Helen Grete and Rachael Dibble, the Bibsby Twins.
7:00 p. m.—No. 7 of a series of lessons in "Public Speaking" by Rev. J. George Cunningham.
7:10 p. m.—Program by the Tuesdya Musical Club, Mrs. E. Bell, President.

THURSDAY, FEBRUARY 18—

7:00 p. m.—Program through courtesy of the Idaho Candy Co. of Boise, Idaho. This program features an organ recital by Frederick Boothroyd, assisted by the Congregational Church Quartet.

SATURDAY, FEBRUARY 20—

6:30 p. m.—Talk on Agriculture by A. W. Kjosness.
6:40 p. m.—News items.
6:50 p. m.—Musical program.

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ROCKY MOUNTAIN BROADCASTING STATION—GENERAL ELECTRIC COMPANY
Pacific Standard Time**DAILY EXCEPT SATURDAY AND SUNDAY—**

- 10:45 a. m.—Weather, stock and produce reports.
 11:15 a. m.—Rialto Theatre music.
 5:00 p. m.—Stock and market reports.
 5:30 p. m.—Dinner concert.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926**SUNDAY, FEBRUARY 14—**

- 9:55 a. m.—Service of St. John's Episcopal Cathedral, Denver, Very Rev. Benjamin D. Dagwell, dean; Karl O. Staps, organist and choirmaster.
 2:00 p. m.—Afternoon music hour: organ recital from St. John's Episcopal Cathedral, Denver; Karl O. Staps, organist.
 6:25 p. m.—Service of St. John's Episcopal Cathedral, Denver.

MONDAY, FEBRUARY 15—

- 6:30 p. m.—Sandman's Hour.
 7:00 p. m.—Radio instruction in conversational Spanish, conducted by Prof. Amanda Lopez Knecht, Spanish department, Denver high schools.
 7:30 p. m.—Instrumental program by Scheuerman's Colorado Orchestra from Colorado Theater, Denver.
 7:45 p. m.—Miscellaneous music, KOA Orchestra and staff artists.
 8:00 p. m.—Voice culture by radio, conducted by John C. Wilcox, Mus. M., director, Wilcox Studios, Denver.
 8:30 p. m.—Miscellaneous music, KOA Orchestra and staff artists.

TUESDAY, FEBRUARY 16—

- 2:15 p. m.—Relaxing exercises, Mrs. Ruth Drumm Witting, Denver Turnverein.
 2:30 p. m.—Matinee for housewives.
 3:00 p. m.—Culinary hints, Mrs. Clara Hoover, Solitaire Food laboratories, Denver.
 3:15 p. m.—Fashion review, Sally Dee, Denver Dry Goods Company.
 6:30 p. m.—Farm question box. Silent Night.

WEDNESDAY, FEBRUARY 17—

- 6:30 p. m.—Book of Knowledge.
 7:00 p. m.—Instrumental program by Echeuerman's Colorado Orchestra from Colorado Theater, Denver.
 7:15 p. m.—Studio program arranged by Rocky Mountain News and Denver Times, Denver: vocal trio selections, Mirado Concert Trio; duets, Ada Marie Castor, soprano, and Jane Ballantyne, contralto; also, Hallie M. Hays, soprano, and Jane Ballantyne, contralto; miscellaneous vocal solos; instrumental selections, KOA Orchestra; and an address, "There Were iants in Those Days," to be presented by Joseph Emerson Smith. The speaker will give historical glimpse of Colorado during the heroic struggle of the pioneers of 1858 and 1859.
 9:00 to 11:00 p. m.—Dance program, Broadmoor Rhythm Rustlers, Eber Grubb, leader, from Broadmoor Country Club, Denver.

THURSDAY, FEBRUARY 18—

- 2:15 p. m.—Relaxing exercises, Mrs. Ruth Drumm Witting, Denver Turnverein.
 2:30 p. m.—Matinee for housewives.
 3:00 p. m.—Clnary hints, Mrs. Clara Hoover, Solitaire Food laboratories, Denver.
 3:15 p. m.—Fashion review, Sally Dee, Denver Dry Goods Company. Silent Night.

FRIDAY, FEBRUARY 19—

- 2:15 p. m.—Relaxing exercises, Mrs. Ruth Drumm Whitting, Denver Turnverein.
 2:30 p. m.—Matinee for housewives.
 3:00 p. m.—Clnary hints, Mrs. Clara Hoover, Solitaire Food Laboratories, Denver.
 3:15 p. m.—Fashion review, Sally Dee, Denver Dry Goods Company.
 6:30 p. m.—Preview of International Sunday school lesson.
 7:00 p. m.—Instrumental program by Scheuerman's Colorado Orchestra rfrom Colorado Theater, Denver.
 7:15 p. m.—Studio program: Talk, "The Bank as a Public Servant," by R. W. Joslyn, president of the Colorado Bankers' Association. This address will be given under auspices of the Denver Chapter, American Institute of Banking. Part one of the evening presentation will be given by the Inez Arnold Allen studios of Denver and includes tenor, soprano and orchestra numbers. Mme. Risola Arnold, soprano, will be heard during part two and the Continental Oil Company's Girls' Glee Club, in choral selections during the concluding part. Two feature talks are included, "Winter Sport sin Colorado," by George C. Barnard, auspices Colorado Mountain Club, and "The Meaning of Indian Names," by Rev. Leon Hills of Denver.

SATURDAY, FEBRUARY 20—

- 8:00 p. m.—Dance program, Harmony Peerless Orchestra, Colburn Hotel, Denver.
 9:30 p. m.—Dance program, Scheuerman's Colorado Orchestra rfrom Coronado Club, Denver.

K T H S—Hot Springs, Arkansas—374.8 Meters

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WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

- 9:00 to 10:15 a. m.—Services of the Saint Luke's Episcopal Church, Rev. Charles Colines, pastor.
 7:00 to 7:15 p. m.—Tenor solo recital by Mr. Arthur Platz.
 7:15 to 7:30 p. m.—Piano selections by Miss Elizabeth Bowe.
 7:30 to 8:00 p. m.—Best loved songs of the Southland by the New Arlington Hotel Grand Ensemble, Lon Chassy conducting.
 8:00 to 9:30 p. m.—The Arkansas Traveler Limited Frolic with Benny Ford and his musical train crew.

MONDAY, FEBRUARY 15—

- 10:30 to 11:00 a. m.—Markets, weather, orchestra.
 7:00 to 7:30 p. m.—Dance selections by the Eastman Eight Orchestra, Jack Lube, director.
 7:30 to 7:55 p. m.—The Arlington Stringed Quartet in semi-classic hits; Lon Chassy, violin; Edward Richter, 'cellist; Henry Haynes, bass, and John Heyn, piano.
 7:55 to 8:00 p. m.—Talk on Hot Springs by Leslie Body.
 8:00 to 9:00 p. m.—The Pooley Hour with Brick English and his ten-piece novelty orchestra from Rainbow Garden, Little Rock.
 9:00 to 10:00 p. m.—The Firestone Frolic from Little Rock, Ark.

TUESDAY, FEBRUARY 16—

- 7:00 to 7:15 p. m.—Organ recital.
 7:15 to 8:00 p. m.—Dance concert by the New Arlington Hotel Orchestra.
 8:00 to 9:00 p. m.—College night by remote control from Conway, Ark., featuring the Girls' Glee Club and specialty entertainers from Central College.

WEDNESDAY, FEBRUARY 17—

- 10:30 to 11:00 a. m.—Markets, weather, orchestra.
 7:00 to 7:15 p. m.—Violin recital by Lon Chassy; John G. Heyn, accompanist.
 7:15 to 7:30 p. m.—Victor Herbert selections by the Meyer Davis Ensemble.
 7:30 to 8:00 p. m.—Concert by Mrs. Hubert A. Craig, vocalist, and Immanuel Quartet of Little Rock.
 8:00 to 8:45 p. m.—Frolic by the Southerners Majestic Hotel Orchestra.

THURSDAY, FEBRUARY 18—

- 10:30 to 11 a. m.—Markets, weather, orchestra.
 7:00 to 7:30 p. m.—Folk Songs by the Eastman Hotel Eight, Jack Lube, director.
 7:30 to 7:40 p. m.—Organ selections.
 7:40 to 8:00 p. m.—Dance tunes by the New Arlington Hotel Orchestra, Lon Chassy directing.
 8:00 to 9:00 p. m.—Variety concert by artists of the Kiwanis Club of Hot Springs.

FRIDAY, FEBRUARY 19—

- 10:30 to 11:30 a. m.—Farmers' Radio Chautauqua, featuring talks, state and national authorities. Markets, round table discussion and music.
 7:00 to 7:30 p. m.—Classics by the Meyer Davis New Arlington Ensemble.
 7:30 to 8:30 p. m.—Phil Baxter and his Jack O'Lantern Knight Club Orchestra.
 8:30 to 9:00 p. m.—Special request selections by Elmer Menard, pianist.

SATURDAY, FEBRUARY 20—

- 10:30 to 11:30 a. m.—Boys' Talk, by Ury McKenzie; Radio Bible Class by Rev. Chauncey Hickok; markets, weather, music.
 7:00 to 7:30 p. m.—Selections by the Eastman Hotel Stringed Quartet.
 7:30 to 7:35 p. m.—The Phantom Voice.
 7:35 to 8:15 p. m.—Frolic by the Meyer Davis Dance Orchestra;
 8:15 to 8:45 p. m.—Violin recital by Mrs. Natalie Arnoux, with Miss Elizabeth Bowe at the piano.
 8:45 to 9:15 p. m.—Honolulu Frolic with the Big Four Hawaiian Orchestra;

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DAILY EXCEPT SUNDAYS—

12:00 noon—United Grain Growers program.
12:15 p. m.—Cattle and Grain Markets and Weather Reports.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926

SUNDAY, FEBRUARY 14—

10:00 a. m.—First Church of Christ, Scientist.

MONDAY, FEBRUARY 15—

8:00 p. m.—Ladies' Concert Trio under the direction of Gladys Webb Foster .

TUESDAY, FEBRUARY 16—

7:00 p. m.—Y. M. C. A. concert party.

WEDNESDAY, FEBRUARY 17—

3:00 p. m.—Red Cross address. Silent.

THURSDAY, FEBRUARY 18—

6:00 p. m.—Bedtime story by the Radio Lady.
8:00 to 10:00 p. m.—Canadian National Railways program. Jack Rushton's Serenaders. Dance program.

FRIDAY, FEBRUARY 19—

6:00 p. m.—Salon broadcast under the direction of Gladys Webb Foster.

SATURDAY, FEBRUARY 20—

11:00 a. m.—United Grain Growers program.
12:00 noon—Grain and Cattle Reports and Old Country Football returns .

K O B—State College, New Mexico—348.6 Meters

1000 WATTS—860 KILOCYCLES
(Pacific Time)

DAILY SCHEDULE—

10:55 to 11:00 a. m.—Standard Mountain Signals.
11:00 to 11:02 a. m.—United States Weather Bureau reports.
11:02 to 11:10 a. m.—New Mexico Road reports.
11:10 to 11:30 a. m.—News Briefs.
8:55 to 9:10 p. m.—Standard Mountain Time Signals.
9:00 to 9:02 p. m.—United States Weather Bureau reports.
9:02 to 9:10 p. m.—New Mexico Road reports.

WEEK COMMENCING MONDAY, FEBRUARY 15, 1926
SPECIAL PROGRAMS

MONDAY, FEBRUARY 15—

6:30 to 7:30 p. m.—Radio Talks: "Mating and Breeding," L. N. Berry of the Poultry Dept. "Weeds," R. F. Crawford, of the Biology Dept.

FRIDAY, FEBRUARY 19—

6:30 to 7:30 p. m.—Music. Musical program. College band.



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W G R—Buffalo, N. Y.—319 Meters

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DAILY EXCEPT SUNDAY—

- 7:45 a. m.—(Monday, Wednesday, Friday)—Betty Crocker Gold Medal Flour Home Service Talks.
9:00 a. m.—Weather forecast; Produce Market report (except Saturday); New York stock quotations; East Buffalo livestock quotations; Agriograms (Monday, Thursday).
9:45 a. m.—Hotel Statler Concert Ensemble.
11:30 a. m. to 1:30 p. m.—Concert by the Buffalo Radio Trades Association.
3:30 p. m.—(Tuesday, Thursday)—Vincent Lopez Hotel Statler Orchestra.
4:30 p. m.—Announcements and second broadcasting of daily reports (except Saturday).
5:00 to 8:00 p. m.—Joint broadcasting (Tuesday, Thursday), Station WEA, N. Y. C.
6:00 p. m.—Concert program (Monday, Wednesday, Friday).
8:00 to 10:00 p. m.—(Monday, Wednesday, Friday)—Vincent Lopez Hotel Statler Orchestra. John F. Gunderman at the organ. Weather forecast.

WEEK COMMENCING SUNDAY, FEBRUARY 14, 1926**SUNDAY, FEBRUARY 14—**

- 7:45 a. m.—Morning service direct from the Westminster Presbyterian Church, Buffalo. Rev. Samuel V. V. Holmes, D.D., minister.
4:45 p. m.—Evening service direct from the Central Presbyterian Church, Buffalo. Rev. R. J. MacAlpine, D.D., minister. Wm. Wall Whiddit, organist and musical director.
6:15 to 7:15 p. m.—Joint broadcasting with Station WEA, New York City. Atwater Kent Radio Hour—Anna Case, soprano, accompanied by Max Jaffe.

MONDAY, FEBRUARY 15—

- 7:45 a. m.—Betty Crocker Gold Medal Flour Home Service Talk, "For the Jam Pot."
3:30 p. m.—Dinner music by the Clef Dwellers Orchestra.
5:00 p. m.—Concert by Allen's Saxophone Band.
6:00 p. m.—Musical program by Wheat's Division of the General Ice Crema Company, directed by Howard Zwickey.
7:00 p. m.—Concert program presented by the Buffalo Arts Club, Jan Pawel Wolanek in charge.
8:00 to 10:00 p. m.—Supper music, Vincent Lopez Hotel Statler Orchestra. John F. Gunderman, Jr., at the organ. Weather forecast.

TUESDAY, FEBRUARY 16—

- 8:00 a. m.—Home Economics Talk by Mrs. Katherine Norton Britt, Manager of Buffalo Home Bureau.
3:30 p. m.—Dinner music, Vincent Lopez Hotel Statler Orchestra.
5:00 to 8:00 p. m.—Joint broadcasting with Station WEA, New York City: Blue Ribbon Male Quartet; The Gold Dust Twins; Eveready Hour; Radio Auction Bridge Game; Vincent Lopez and his orchestra from the Casa Lopez, New York City.
8:00 p. m.—Weather forecast.

WEDNESDAY, FEBRUARY 17—

- 7:45 a. m.—Betty Crocker Gold Medal Flour Home Service Talk, "American Foods Served American Style."
3:30 p. m.—Joe Armbruster and his orchestra.
5:00 p. m.—Audubon Terrace Meadow Larks of the Chas. S. Burkhardt Company, Snyder, N. Y.
5:30 to 7:00 p. m.—Joint broadcasting with Station WEA, New York City. Davis Saxophone Octette, 5:30 to 6:00 p. m. Ipana Troubadours, 6:00 to 7:00 p. m.
7:00 p. m.—Recital by Ethyl McMullen and friends.
8:00 to 10:00 p. m.—Supper music, Vincent Lopez Hotel Statler Orchestra. John F. Gunderman, Jr., at the organ. Weather forecast.

THURSDAY, FEBRUARY 18—

- 3:30 p. m.—Dinner music, Vincent Lopez Hotel Statler Orchestra.
5:00 to 5:30 p. m.—Joint broadcasting with Station WEA, New York. "The Larkinites."
6:00 to 8:00 p. m.—Joint broadcasting with Station WEA, New York. Clicquot Club Eskimos; Silvertown Cord Orchestra, under the direction of Joseph Knecht.
8:00 p. m.—Weather forecast.

FRIDAY, FEBRUARY 19—

- 7:45 a. m.—Gold Medal Flour Radio Cooking School, "Foods that Satisfy."
3:30 p. m.—Dinner music by the Clef Trio.
4:30 p. m.—Joint broadcasting with Station WEA, New York City. Children's stories by Blanche Elizabeth Wade, Story Teller for G. R. Kinney Company.
6:00 p. m.—Winger's Crescent Park Entertainers.
6:30 p. m.—Musical reading, "King Robert of Sicily" (Longfellow), George W. Houck, reader. Leonard Adams, pianist.
7:00 p. m.—Two piano selections by Marion Healy and Grace Jolley.
7:30 p. m.—Hewitt Humorists from the Hewitt Rubber Company of Buffalo.
8:00 to 10:00 p. m.—Supper music, Vincent Lopez Hotel Statler Orchestra. John F. Gunderman, Jr., at the organ. Weather forecast.

SATURDAY, FEBRUARY 20—

- 11:30 a. m. to 1:30 p. m.—Concert by the Buffalo Trades Association.

The Why of Radio—Continued

(Continued from Page 21)

with A.C. current direct to the filaments of the amplifiers, but these sets for many reasons are not very satisfactory, and certainly are not on the increase, for with them one "Hears the music, but not the tune."

Everything points to the conclusion that the future equipment will be the lead storage battery, with some charging device that requires only the moving of a handle to put the battery on charge, or a charger of the "trickle" type that charges at a very slow rate all the time the battery is not connected with the radio set, so the battery is at all times automatically kept charged and in good condition.

The only trouble with the storage battery today is found in the misunderstanding of its proper installation and care. It is passed over the counter as is, and too often the purchaser is told that if he buys a large one it will need charging only in 60 to 90 days, and then he uses it until it refuses to light the tubes, lets it stand a few days more in an uncharged condition, and when he finds that he has missed some long-distance trial or some concert that he would have enjoyed, packs it off to some charging station, and either has to rent one while his is being charged or go without the use of his receiver until it is charged and once more back in place.

This makes him trouble enough, but, added to this, is the ever-scratching, poor connections, where the clips grip the terminals of the battery and are acid-bathed, with the consequent destruction of the connection, and the clips themselves in a short time.

Every time a storage battery is let run down below 6 volts for a three-cell or 4 volts for a two-cell battery a distinct damage has been done that can never be repaired, and soon the battery

that would have lasted years, is discarded in months because it has been ruined by careless use. Purchase a reasonable-sized battery, and have a lead strip some four or five inches long burned to the terminals, locate it in some cool closet or in the basement, and solder heavy insulated leads to the ends of these lead straps, and paint thoroughly with some acid-proof paint, connect these leads to a suitable charging device through switches and to your set; give the switches a swing, as you would a key in the door, or a wall switch to turn on and off your living room lights, about twice a week as you retire, and turn off as you leave the breakfast table, and your A battery trouble is a thing of the past. Or you may connect in the same manner a trickle charger and have the same immunity from grief, and know what it is to have your radio set any time you wish in so far as the A battery is concerned. Circuit diagrams of this equipment will be given in a future article.

(To be continued)

New radio regulations adopted in France require the payment of an annual tax of 60 francs on tube-receiving sets the first year and 50 francs per year thereafter, while crystal receivers are taxed 20 francs the first year and 15 each additional year.

Unauthorized listeners are fined an amount equal to ten times the annual tax they should have paid for a regular license.

A company to control broadcasting in Finland and handle programs is being incorporated, capitalised at 500,000 Finnish marks, according to Trade Commissioner Kekich at Helsingfors. Five propositions to handle broadcasting have been submitted to the Ministry of Communications.

Last Minute Broadcasting Items

Among the broadcast stations which went off the air in January are the following:

KFGH—Leland Stanford University, California.

WLCH—Dartmouth College, Hanover, N. H.

WGBK—L. W. Campbell, Johnstown, Pa.

WIBC—L. M. Tate Post, Vets. Foreign Wars, St. Petersburg, Fla.

WJBN—St. John's Church, Sycamore, Ill.

WTAC—Penn. Traffic Co., Johnstown, Pa.

KFOJ—Moberly High School, Moberly, Mo.

WLIB, at Chicago, has applied for permission to increase its power up to 4000 watts.

KFYO is the call of a new station operated by the Buchanan Vaughan Co. at Texarkana, Texas. It is a ten-watt station operating on 209.7 meters or 1440 kilocycles.

The Seneca Vocational School at Buffalo, N. Y., has changed its call from WJBP to WSVS.

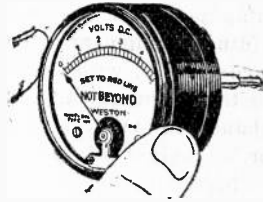
WJBU is now the call of Bucknell University's station, formerly known as WJBQ.

KFBC, at San Diego, Calif., is now operating on 215.7 meters.

Station WIBZ, at Montgomery, Alabama, has been taken over by A. D. Trum; formerly it was operated by the Powell Electric Co.

"Olivettes," a comic opera, specially revised for radio by Charles Caldwell Dobie, is on the KGO program, Saturday night, February 20. The work will be presented by the Players Guild of San Francisco, under the direction of Reginald Travers and Harry Brown Wood.

Just PLUG-IN



NO tools, no trouble—just plug-in this model 506 Weston Pin-Jack Voltmeter on Radiola, Victor and Brunswick superheterodynes!

These three radio leaders have provided pin-jacks on their superheterodynes to receive it—because it prolongs tube life, lengthens battery use, makes economical operation possible and gives the best results from the set.

Just plug-in and turn your battery setting knob until the voltmeter registers three volts (at the red mark on the dial) and 90% of your radio troubles vanish!

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

Pacific Coast Representative

A. A. BARBERA

426 S. Spring St.

VA. 5927

Los Angeles, Calif.



Trade Notes

Radio exports from the United States in 1925 reached a total value of \$9,903,787, compared with \$6,030,914 in 1924. The increase, while not quite as large as was expected due to a slight falling off of exports in December, nevertheless approaches four millions of dollars, indicating a very healthy and growing foreign trade in American radio apparatus.

In the advertisement of the American Radio Co., 108 East Eighth Street, Los Angeles, which appeared in last week's issue of Radio Doings, this company mentions a special offer on blueprints at the nominal price of 25 cents. Through an error the word "each" was omitted in this announcement, same having caused these people a great deal of annoyance. The line in question should have read "At the nominal price of 25 cents each."

A baby radio transmitter, the parts of which cost but \$25.00, has been designed by the Burgess Battery company of Madison, Wisconsin. An experimental set of this type, consisting of one tube operating with dry batteries, has transmitted signals a distance of 2000 miles, from station 9EK-9XH, at Madison. Burgess Engineering Circular No. 8 describes the apparatus.

Sweden reports a profitable radio year, admitting at the same time that a large number of high-grade American receivers were sold, and about 100,000 sets of phones. Fans now licensed number about 120,000, according to a report from Commercial Attache Klath.

Total retail sales of radio equipment and accessories in 1925 amounted to \$450,000,000, according to estimates of Radio Retailing. Out of this great sum, \$180,000,000 went for the purchase of seven million sets, \$200,000,000 paid for replacements and accessories, including 20,000,00 tubes, while the balance, \$70,000,000, was expended for parts. The estimates confirmed early predictions as to the total radio public, at about 20,000,000 who listen in on five million receiving sets.

Radio listeners in Bolivia, tired of listening to foreign broadcasters, are planning a station of their own at La Paz. They have organized El Radio Club Boliviano, and are organizing a stock company to finance the project. The club possesses two powerful receivers on which Pittsburgh, Buenos Aires and Santiago stations are picked up.

Steinite

**LOW LOSS
Interference
Eliminator**

**50,000 Sold First 8
Weeks. No Radio Set
Complete Without It.**

\$1

**Better reception
or your money
refunded. Bank
guarantee.**

Assembled complete; attach to aerial in two minutes. No tools. Doesn't disturb present log. No additional tubes or batteries.

NOTICE—If your dealer cannot supply you, send a One Dollar Bill direct and we will send Eliminator prepaid.

Select Station at Will

Cut out interference and undesired stations. Tune in loud and clear. Results amazing with any make tube or crystal set using any kind of aerial except loop antenna.

**Absorbs Static—Increases
Volume**

You can now enjoy real reception—get the station you want—do away with interference.

STEINITE LABORATORIES
814 S. Olive St., Los Angeles, Calif.
Phone TUCKER 7262

New Association President Declares for Active Campaign

The Executive Committee of the Pacific Retail Radio Dealers Association at a special meeting held the past week selected Oliver DeHoog to fill the unexpired term of president.

Mr. DeHoog is the junior member of DeHoog Brothers, well known radio dealers and builders of the DeHoog Roberts kits, South Broadway, Los Angeles.

At a general meeting of the association, held February 11, President DeHoog outlined the general policy of the new administration, some inkling of which was anticipated from his call letters, and which promises to be an active one.

Great significance attaches to his position on the future of radio retailing, when he states: "There never was a

better period in the history of radio merchandising than the present for the retailer, provided he knows radio and is willing to be of constant service to his patrons. Radio is no longer a toy or a novelty; it is one of the greatest home influence for good that is before mankind. There is a healthy demand for radio, and there will continue to be, and the dealer is an essential element."

Before removing wires to make repairs, mark both sides with a number. This will avoid the possibility of a mistake and make assembly easier.

MORE PROFITS

for the PROFESSIONAL
SET BUILDER

We have an unusually interesting proposition to make to the man who is now building (or has the ability to build) radio receiving sets for resale.

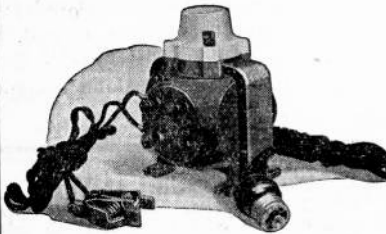
This is a real opportunity. Write today for full information.

Gearhart - Schleuter Radio Corporation

719 Vrooman Avenue

Fresno, California

EAST AND WEST ITS "ACME"



Model AB2-120
Less Tube

\$11.50

Ask your Jobber, Or

N. F. ANDRUSS

426 Larkin St.

San Francisco, Cal.

THE ACME ELEC. & MFG. CO.

1444 Hamilton Ave. Cleveland, O.

Out of the Air

Capt. Robert W. McNeely, until recently chief of the Radio Division, Bureau of Engineering, has been ordered to Pensacola to take a special course in aviation, along with three other Naval Captains.

To make a lug on stranded wire strip of one-half-inch of insulation, turn the fine wires back over the insulation remaining, wind three turns of bus bar tightly around the strands and then make a half-loop in the bus bar that extends beyond the end of the flexible wire.

With the addition of two 1-Kw stations, LOT and LOO, Buenos Aires now boasts nine broadcasters, competing favorably with many of the radio cities of the States. Station LOT broadcasts 272.7 meters and LOO on 250 meters.

Maj. Gen. Charles McK. Saltzman, Chief Signal Officer of the Army, will talk to radio fans from Station WJZ, and probably some other R. C. A. stations, on Army Night, Feb. 11th.

When winding coils be sure the form is moisture-proof and non-metallic.

There are 925 broadcasting stations throughout the world.

Radio talks on China will be given by Commercial Attache Julian Arnold from KGW, Portland, and KPO, San Francisco, on February 5th and 8th respectively.

Signals from the new German Station POF, on 20 meters, have been picked up by the Signal Corps Operators at Washington, who listened in on recent tests of this short-wave transmitter. It is varying the angles of its beam transmitter and changing its aerial in an effort to determine the best type antenna and angle of transmission for regular communication with the United States.

Incidental music by Grieg from the drama "Sigurd Jorsalfar" will be featured by the KGO Little Symphony Orchestra, Sunday afternoon, February 14, at 3:30 p. m. The program will be under the direction of Carl Rhodehamel. Church services, both morning and evening, are scheduled to be broadcast through KGO from St. Luke's Episcopal Church, San Francisco.

Final details of the western radio debut of Allan McQuhae, world-famous Irish tenor, before the microphones of Station KPO, on February 14th, are rapidly nearing completion, it was announced by Ernest Ingold, in charge of local arrangements.

SPECIAL ANNOUNCEMENT

THE NEW RADIOLA 28
8-TUBE SUPER-HETERODYNE

Now on Demonstration at Our Store.

You are cordially invited to call, see and hear this latest development in radio.

C. R. PARKER

("In the Radio Field Since 1907")

WEstmore 5375

AUTHORIZED RADIOLA DEALER
LOS ANGELES, CALIF.

2533 S. Hill St.

Radio Service Directory

The firms listed herein are recognized Radio Dealers, and in addition to carrying Receiving Sets and Parts, are equipped to render any form of radio service. They are pledged to give guaranteed service and charge reasonable rates.

RADIO DOINGS.

ALHAMBRA, CALIF.

ALHAMBRA RADIO ELECT. CO.,
1855 West Main St. Phone 2366.
Open Evenings Until 9 O'clock.

LE ROY RADIO ELECTRIC CO.,
15 No. Garfield. Phone 1179. Mag-
navox and Le Roy Sets. Evenings

BAKERSFIELD, CALIF.

JIM BAKER, "ELECTRIFIER," 1005
Baker St. Phone 528. Everything
in Radio. Consult Us.

COMPTON, CALIF.

MODEL ELECTRIC—"NYGAARD,"
135 E. Main. Phone 1194. Every-
thing in Radio. Open Evenings.

GLENDALE, CALIF.

BUDWIG RADIO COMPANY, Brand
at Wilson. Radiola, Grebe, Crosley
Evenings. Glendale 1801.

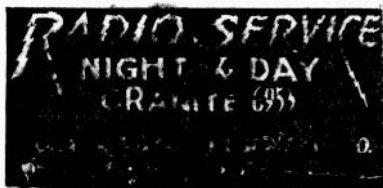
INGLEWOOD, CALIF.

O-K RADIO SHOP, 105 No. Com-
mercial. Inglewood 313-J. Every-
thing in Radio. Open Nights.

LONG BEACH, CALIF.

RELIABLE RADIO SHOP, 208 E.
4th. Phone 636-450. "We Solve
Your Radio Problems."

LOS ANGELES, CALIF.



PICO RADIO SHOP, 4505 W. Pico;
Ph. WHitney 8315. End of car line.
Open Evenings. Supplies, Repairs.

SMITH-KARLSON CORP., 2758
Whittier Blvd. Ph. ANgelus 8220.
Foremost in Radio Sets and Service.

SUPER RADIO SHOP, 2507 W.
Slauson Ave. Ph. VERmont 6493.
Sets, Supplies, Service. Open Nights.

WILSHIRE DISTRICT

BIMINI ELECTRIC & RADIO, 109
So. Vermont. Phone DRexel 2990.
Electric & Radio Service. Evenings.

HARDIN & GOODAN, INC., 150
No. Larchmont Blvd. "Radio That
Satisfies." HOLly 5085. Open Nights.

WILSHIRE RADIO CO., 556 S.
Western Ave. Phone WASHINGTON
8873. Delivery Service. Open Eve-
nings.

PASADENA, CALIF.

EAST SIDE MOTOR SUPPLIES,
1026 E. Colorado. Colorado 855.
Sets and Supplies. Open Nights.

SOUTH PASADENA, CALIF.

THE RADIO ELECTRIC, 1165 Fair
Oaks Ave. Phone Sterling 0269.
L. A. Phone, ELLiott 3397.

VENICE, CALIF.

VENICE RADIO SHOP, 1227 Wash-
ington Blvd. Phone 64544. Every
Radio Need. Evenings.

WILMINGTON, CALIF.

WILMINGTON RADIO SHOP, 716
W. Anaheim St. Phone 209-J. Sets
and Supplies. Open Nights.



The Mohawk Dealers

LOS ANGELES, CALIF.

L. A. Duncan, 2889-99 W. Pico St.
 Empire Trading Co., 242 E. First St.
 Stanrad Mfg. Co., 1315 N. Vermont Ave.
 Mohawk Battery & Radio Service,
 2115 Sunset Blvd.
 Guarantee Radio, 1341 S. Hill St.
 Apollo Radio Co., 5510 Hollywood Blvd.
 Top Notch Radio, 747 S. Main St.
 Super Radio Shop, 2507 W. Slauson
 Ave.
 Clark Radio, 9164 S. Vermont Ave.
 Bob Brown, 4353 S. Figueroa St.

PASADENA, CALIF.

Thomas & Somerville,
 Cor. Broadway at Holly.
 Long's Music Shop, 15 W. Colorado St.

RIVERSIDE, CALIF.

Shields Radio Co., 760 W. Ninth St.

CARLSBAD, CALIF.

Standard Garage.

LA JOLLA, CALIF.

G. E. Williams.

CORONADO, CALIF.

Coronado Radio Shop,
 1007 Orange Ave.

WHITTIER, CALIF.

K. D. Miller, 218 S. Greenleaf St.

BANNING, CALIF.

Daley Electric Store.

ANAHEIM, CALIF.

E. R. Caverly, 217 W. Center St.

BERKELEY, CALIF.

E. G. Cooper & Sons, Inc.,
 2182 Shattuck Ave.

OAKLAND, CALIF.

California Radio Service, 367 17th St.

OCEAN PARK, CALIF.

Glenn's Radio Shop,
 104 Symm's Arcade Bldg.

CALEXICO, CALIF.

City Electric Company

EL CENTRO, CALIF.

Imperial Music Co., 534 Main St.

BRAWLEY, CALIF.

West Electric Shop.

REDLANDS, CALIF.

Munzig Radio Mfg. Company.

YUMA, ARIZONA

H. A. Plumley, 320 E. Second Ave.

OCEAN BEACH, CALIF.

Strand Radio Company,
 Strand Theater Bldg.

SAN DIEGO, CALIF.

Garrett-Nelson, 1212 Fifth Street.

LONG BEACH, CALIF.

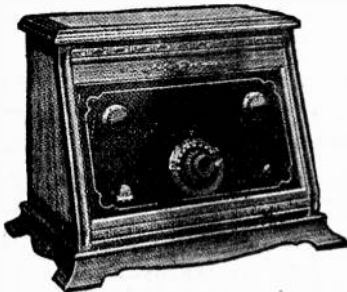
F. O. Lantz, 142 Pine Ave.
 Radiofan, 1420 E. Seventh St.

HUNTINGTON BEACH, CALIF.

Fowler's Music Store.

FULLERTON, CALIF.

A. E. Stulkes Radio and Electric Co.,
 112½ N. Spadra.



Model 100 \$100.00

Consolette Model 110 . . . 175.00

Console Model 115 225.00

Portable Set with Loop. 135.00

"All without Accessories"

*"Simplicity, Selectivity, Tone Quality, Volume and Beauty."
 "Every quality possible in any other 5-tube set is achieved
 in this."*

"Hearing is Believing."

COOK-NICHOLS CO.

411 South San Pedro St., Los Angeles

482 S. Fair Oaks Ave.
 PASADENA

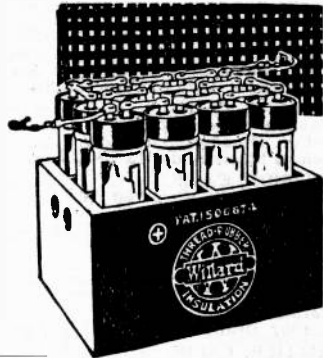
643 Pine Avenue
 LONG BEACH

The Same Battery the Big Broadcasting Stations Use

THE big broadcasting stations—178 of them—use Willard "B's" because they find this very different battery furnishes clearer amplification of voice and music.

WILLARD RADIO BATTERIES

will do the same for you, and will save you considerable money, too, for Willards last for years.



*All These Dealers Sell
Willard Batteries*

LOS ANGELES—*Western Auto Electric Co., any Radio Jobber or Dealer, or any Willard Service Station.*

SAN DIEGO—*Western Auto Electric Co.*

SAN FRANCISCO—*Julius Brunton & Sons Co.*

ALHAMRA—*Alhambra Auto Elec. Co.*

ANAHEIM—*Anaheim Willard & Elec.*

BURBANK—*John Null*

GARDENA—*Gardena Bat. & Ignition*

GLENDALE—*E. W. Cizek Co.*

LONG BEACH—*A. C. Walker*

MONROVIA—*Emil Lindstrand*

ONTARIO—*J. Tobey*

ORANGE—*Orange Ignition Works*

PASADENA—*F. W. Birnie*

RIVERSIDE—*Mission Auto Elec. Co.*

**SANTA ANA,
FULLERTON**—*Orange Co. Ign. Wks.*

SAN BERNARDINO—*C. H. Stickel*

SANTA MONICA—*Guy Hammond*

UPLAND—*Upland Battery & Ign.*

WHITTIER—*Whittier Auto Elec. Co.*

The CHANSON Reproducer

New and More Wonderful Achievements in Radio Reception

The Chanson Reproducer is the application of scientific acoustic principles to the radio. It is the outgrowth of years of study of this subject by acoustic engineers, and is pronounced the perfect instrument of this type.

It means clearer, truer, stronger reception than you have previously experienced. Not only does it bring in the natural tones unchanged, but it greatly widens the range of receptivity, and magnifies the tone volume, or modifies it, as desired, without the usual distortion.

Give your radio a CHANCE with the Chanson!

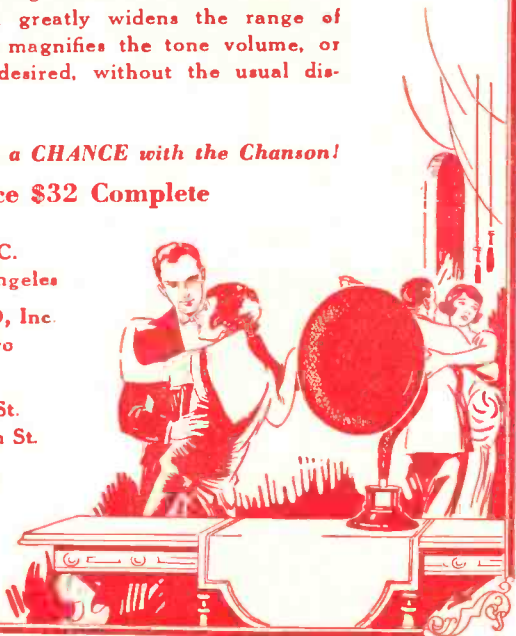
Price \$32 Complete

WESTERN RADIO, INC.
1224 Wall St. Los Angeles

PAC. WHOLESALE RADIO, Inc.
1310-1320 S. San Pedro
Los Angeles

Oakland: 134 Twelfth St.
San Francisco: 835 Larkin St.

MORTOR HARDWARE &
EQUIPMENT CO.
1125 Columbus St.,
San Diego



FEDERAL ORTHO-SONIC RADIO

"Tone Quality Rivalled Only by Reality"



MODEL B-36 CONSOLE—\$250.00

Nine Beautiful Models from
\$75.00 — \$350.00

SEE A FEDERAL DEALER NOW!

Exclusive Wholesale Distributor

YALE RADIO ELECTRIC CO.

1111 Wall St., Los Angeles, Calif.

Phone WEStmore 1809