

RADIO DOINGS

RED BOOK OF RADIO

10¢
WEEKLY

*The Radio Authority
of the
Pacific Coast*



The All Star Five Orchestra, KFSD, San Diego, Calif.

Vol. X

FEBRUARY 20-26, 1927

No. 8

In the Front Ranks of RADIO

No, I am not referring to this firm or to any of the radio products which we distribute. Not the inventor, nor manufacturer, nor wholesaler—but the retail dealer is in the front ranks of radio.

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"The Red Book of Radio"

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Phone WEStmore 1401

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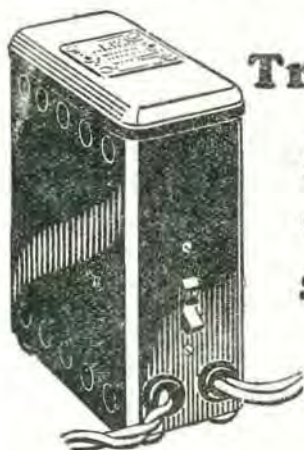
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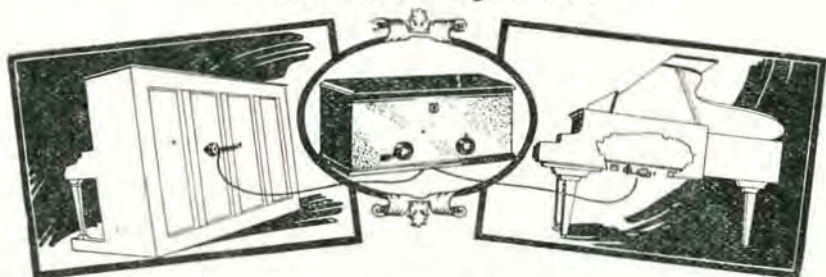
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Parts*

*No Guess-work
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*Sell this unit,
and when your
customer
learns about
eliminators he
will appreciate
what you did
for him.*

No other product requires greater trust in the sincerity and ability of the manufacturer,—the B-T record deserves your confidence. The B-T B-Power Unit gives utmost satisfaction on smaller sets and is also ready when needed for the larger one requiring higher voltages.

It is furnished with type B Raytheon tube,—actual capacity 150 volts at 60 mils. Compact in size, 4¼" wide, 6¾" high, and 9¾" deep; weight, with cord and plug, 16 lbs. Price \$41.00.

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Editorial Comment

Prize Radio Program

PROGRAM managers of the broadcasting stations are facing the difficult task of presenting acceptable programs to an unknown audience, an audience they have never seen and therefore are unable to visibly perceive the response as to whether or not the presentation is a success.

The spontaneous applause or the expressive silence quickly indicates to the manager of a theater the degree of success of the entertainment programs. A large theater charges a high price for admission and can engage the best of talent. A broadcasting station has to depend entirely upon the "sponsors of programs" for its revenue. These "sponsors" can be charged only a limited amount, consequently there is only a limited amount with which to engage talent.

It is the wish of everyone to enjoy an interesting and pleasing radio program. In our endeavor to assist in the improvement of broadcasting entertainment we appeal to our friends and readers to send in their idea of a good one-hour radio program. The stations broadcast diversified programs, such as lectures on different subjects, medical information, detective stories, jokes, speeches from prominent men, reports of athletic events, stock reports and the latest news items, operas, light operas, ballads and old-time songs, hymns, military marches, patriotic songs, syncopation and jazz. Your idea can be a diversified program or it can consist of one particular type of entertainment—just whatever you think would please yourself and your family some rainy evening. If your ideal program consists partly or entirely of music, give the names of selections wherever possible, as suggesting the type of music most acceptable. Talks, stories, etc., can be handled the same way. Make it an outline or a letter of not more than 350 words and mail to the Prize Contest Editor, RADIO DOINGS, 407 East Pico.

To the person sending in the best program, in the estimation of our judges, will be given a prize of a \$40.00 Stromberg-Carlson Pedestal Tip-Top Table Model Cone Speaker with violin soundboard. This is your opportunity to win one of the best speakers produced and at the same time to give expression to your idea of a perfect one-hour radio program.

This contest is open to all of our subscribers and readers. The winning letter and the name of the writer will be published in Radio Doings, issue of March 20th.

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PORTABLE



New Improvements with Beauty, Simplicity

**SINGLE DIAL CONTROL
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The Hexadyne stands today not only as the leader in the portable field but the recognized standard of advanced radio engineering. No other portable radio on the market compares with the Hexadyne for beauty of tone and simplicity of operation.

List Price \$125.00 Complete with All Accessories

Dealers Write at Once for Attractive Proposition

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4961 Sunset Blvd.

OLympia 3104

Los Angeles, Calif.

Radiograms

By CLOYD MARSHALL, JR.

Good Scouts Make Fine Men

This is the seventeenth anniversary of the organization of the Boy Scouts. It is splendid to think that in less than two decades we have over 700,000 manly, well trained boys who are advancing to better manhood. These boys are carrying the nobler qualities of usefulness, honesty and courtesy with them through life. Wm. G. Messner Post No. 904, Veterans of Foreign Wars, Los Angeles, organized, equipped and is now training a whole troop of Scouts. A fine example in a worthy cause.

Do not be disheartened because you are not richly endowed with worldly goods, for the less you have the more there is to get. Think of the fun you will have in the GETTING.

When dollars are used to cement friendship the cement never lasts.

Some men murder opportunity when they think they are only killing time.

Did you ever stop to think that the truth really is a wonderful thing?

Youth

It is so easy to criticize as it takes little or no effort, giving of very little time and the minimum amount of brain power. Some of the people who are so severely criticizing the youngsters of today for their apparent freedom of action, desire for self-expression and the throwing off of the old shackles of conventionalities should look inwardly and they will probably find that their urge for criticism springs from the deep well of ENVY.

This is the age of Leaders, not Drivers.

Nothing stands still. Nature's immutable law is, "Progress or retrogression." Fortunately man continues to progress, and the youth of this generation are as a whole better specimens, mentally and physically, than the youth of any preceding generation.

Behind the Times

We see that one of our State legislators has presented a bill prohibiting the teaching of evolution in the public schools of California. Too bad he didn't live during the Spanish Inquisition and he would have learned from example that narrow laws and repression of information crumble before knowledge and understanding.

A rule is many times proven by its exception. A principle is infallible and knows no exception.

Be agreeable but not superficial; reserved but not self-conscious; dignified but not snobbish.

Opportunity does knock more than once, but sometimes we are not in. Try and be at home the next time.

Impatience is the curse of mankind, for it brings HURRY, WORRY, DOUBT and FEAR, which mean UNHAPPINESS.

Boulder Dam

Why do our political leaders play small politics instead of looking after the welfare of their people?

All investigations by congressional committees and by the Departments of Commerce and Labor have reported that the Boulder Dam is not only needed by the people of the great Southwest but is an absolute necessity to prevent another calamity such as occurred in 1905-6.

The Weather Bureau reports that there has been a heavier snowfall in the Rocky Mountains this year than at any time within the last twenty years.

If the Colorado goes on another rampage, as it did twenty-one years ago, it will mean the wiping out of a very rich agricultural district and the savings and property of thousands of people. It will be an irreparable loss and the blame will fall squarely on the shoulders of the Congressmen who are blocking the Boulder Dam bill.

Alternating Current Tubes

By K. G. ORMISTON

The operation of a radio vacuum tube depends upon the movement of electrons from one surface to another within the tube. We must therefore use for one of the elements of the tube a material which will give off the desired electron "emission." A little chunk of radium would do the trick nicely, and the tube would have a life of several million years, but unfortunately could not sell for \$1.75 per each.

An economical method is to use an incandescent filament. When sufficiently heated and surrounded by vacuum, the atoms of the filament disintegrate and electrons fly out from it, some immediately returning and the others continuing their outward journey, especially if attracted by a positively charged plate. That's why you must connect the plate of the tube to the positive terminal of the B battery—to attract as many as possible of the filament's electrons (negative), rather than let them wander aimlessly about.

The filament is heated to make it "emit," by the simple method of passing an electric current through it. To do this calls for an A battery, rheostats, battery chargers and what-not. This "heating" current must be steady and smooth or an uneven emission will result, which will seriously interfere with the proper operation of the tube and result in a noisy output.

So far we have been talking about the usual type of tube in which the filament and electron emitter are one and the same. Now the thought which prompted the development of the so-called A. C. tubes was that the emitting surface might be separate from the filament, the latter simply being used to heat the emitting surface to the necessary temperature so that there will be enough excitement among the molecules, atoms and electrons to crowd out some of the last named.

Under these conditions, since the "heater" filament has no electrical connection with the other elements of the tube or with the circuits of the receiving set, it is possible to use an alternating current to heat it. The terminals of this heater unit are brought out at the top of the McCullough tube, and are connected to the secondary of a small step-down transformer whose output is

3 volts. The primary of the transformer plugs into the 110-volt alternating current house lighting circuit. The heater units in the tubes, the transformer and the connection to the house lighting circuit are all absolutely separate and independent of the circuits and apparatus of the radio receiver. Their purpose is simply to warm up the "emitter" surface, which is an element mounted in close proximity to the heater but not in electrical contact with it.

The emitter, which in this tube cannot be called the "filament" as in the standard tubes, should in this tube be called the "cathode," since it is the negative surface, as contrasted to the positive plate or "anode." The variations in the alternating current in the heater are too rapid to result in any appreciable variation in the electron emission from the cathode.

The tube has a standard four-prong base, though but three of the prongs connect to the elements of the tube,—the grid, plate and "cathode." The cathode connection is to the negative of the B battery, detector tube grid return, and to the positive of C batteries for the amplifier tubes. The cathode connections should in all cases be grounded also.

About 45 seconds are required from the time the heater voltage is turned on until the cathode reaches its normal operating temperature. This means that from the moment you turn on the set, about a minute must elapse before the tubes will operate at full efficiency.

When these tubes are used there can be no regulation of volume by means of rheostat adjustments, as the temperature of the cathode would be too slow in changing with a change in current through the heater. Other means must therefore be used. In the case of a non-oscillating set a 500,000-ohm potentiometer may be shunted across the secondary of the audio frequency transformer.

Where a volume control which will also control the regeneration is needed, a 500,000-ohm variable resistance shunted across the secondary of the radio frequency transformer will suffice, or a 200,000-ohm variable resistance in series with the plate lead to the R. F. amplifiers.

Bathing Suit or Birthday Suit?

The genial proprietor of Station KFWO, Catalina Eye-land, recently offered a cash prize for the 'best letter on the subject of nude swimming. This subject aroused a storm of discussion prior to the big swim and inspired Major Mott's offer. Two prizes of \$25.00 each were offered, one to go to the man writing the best letter, and the second to the writer of the best essay from a woman's hand. The winning letter in the "HE" division, written by a Marine, is reproduced below. Didn't a literary Marine win some kind of a contest or other in Philadelphia a while ago?

UNITED STATES MARINE CORPS

Base Athletic Office,
Marine Corps Base,
San Diego, Calif.,
December 28, 1926.

Major Mott,
Owner-Operator,
Radio Station KFWO,
Catalina Island, Calif.
Dear Major:

I can see nothing wrong in any man or woman attempting the marathon swim garbed "au naturel." It seems to me that in a great endurance test such as this, the physical strain must be tremendous, and that could be lessened somewhat, no doubt, by the absence of a bathing suit which would add only—weight.

Who will be the most in evidence at this great test of pluck and endurance? I venture to state that the same people who raise all the fuss will be there in strength. Why? Because they think they shouldn't be there; that's human nature.

If I could see this great race, my attention would be riveted on the leading swimmer, not the shapely arm or legs, but the approach to the goal. Is it a crime to swim without a bathing suit on such an occasion as this? Then, why don't these howlers start to reform some of our shows? A little less powder, and some of the chorus girls would be in the same fix as these swimmers wish to be the day of the race.

I would class such people as these with those who dwelt at great length on "Moral Turpitude." If people see anything wrong in swimming minus a suit, then there is something wrong with their "morals." Do not the greatest artists and sculptors use nude models for their work, and do not these "scoffers" spend hours in our art galleries admiring their work?

Forget about these narrow-minded people, Major; the majority of the sensible men and women of America don't give a damn whether the swimmers wear suits or not as long as America wins. To me, the question is of minor importance, and I believe that in the heart of every true American there is only one thought.

It is this:

"Let us hope that at the end of the great swim of the century in America, a tired but triumphant figure will be helped ashore, and from the lips of thousands will ring the cry, 'America Wins.'"

I trust that at the end of the day, when the clear call of the bugle sounds taps, there will have been written in the annals of sport another American triumph.

Very truly yours,

ROBERT HENRY GORDON,
Private, First Class, U. S. M. C.,
Clerk, Base Athletic Office.

The prize-winning letter in the Ladies' Division will be published in a future issue of Radio Doings.

Radio Topics of the Day

A Weekly Review of Radio News, Thought and Opinion

Some Interesting Opinions

"Radio has become a passion with me. I tune a set myself and I enjoy hearing the entire world discourse. I jump from one city to another. Only the other day I heard Pittsburg plainly."

—President Doumergue of France.

"I get the Bronx every night, but have to take the subway to do it."

—"Bugs" Bear.

"Two things I love are radio and jazz."

—Mary Garden.

"I was taken to a chamber where I had to speak a message into the radio, always a shy business when people are looking on. One feels so completely idiotic, standing in front of a dumb listener who does not even look at you, but stands stolidly there as though defying imagination."

—Queen Marie of Rumania.

"In due course the world's chief broadcasting systems may become so interrelated that the barriers of nationality, language and geography will be overcome."—J. C. W. Reith, Director, British Broadcasting Company.

KGW is one of seven stations included in the new coast network that will hook up with the WEAf chain. The first program to be broadcast over this cross-country chain will be the President's speech before a joint session of congress Washington's birthday, February 22.

Pro and Con

Here are the opinions of two Senators who are busily engaged in debating the proposed Radio Bill as this issue goes to press.

The Hon. Wallace H. White, co-author of the White-Dill Radio Bill, says: "This legislation may fall far short of what it should be, but it is at least a step in the right direction. First and foremost, it asserts unequivocally the power and authority of the United States over this means of communication and gives to the Federal Government power over the vital factors of radio communication."

The Hon. Edwin L. Davis, replies: "This bill is less protective of the public interests and more favorable to the monopoly and the profiteering interests than any radio bill that has passed either branch of Congress, or which has heretofore been reported to either branch of Congress."

And so it goes. Meanwhile the millions of set owners are crying for relief from a situation which daily becomes more chaotic.

Agricultural Station Is Popular

The California Farm Bureau has announced that during the past year more than 2,000,000 words of general farm news was broadcast through station KQW, San Jose, Calif. As a result it is said that the station has received more than 20,000 letters from the farmers served.

VOLUPHONE

Electric Phonograph Reproducer

Used on your old phonograph combined with your Radio Receiver, gives results in phonograph reproduction that are only equalled by the new high-priced electric reproducing phonographs.



List \$18.50

Costs so little you cannot afford to be without it!

Amazing Results!

Hear ALL the Bass and ALL the Treble!

No Trouble Switching from Phonograph to Radio—Connections Permanent—Simply Turn Knob on Voluphone to Disconnect

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WALTER BIDDICK
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The President Speaks

By K. G. ORMISTON

On the 22nd day of this month we will celebrate the birth of George Washington, the first President of these United States.

Two and a half centuries have passed since President Washington was wont to address the handful of statesmen who guided the then frail craft of government through the troubled seas of national and international affairs;—two and a half centuries in which man has learned many of the immutable laws of nature in his struggle to better his condition and in his unceasing and untiring search for an explanation of the mysteries of life.

Presidents have come and gone as science has marched steadily forward. And now we read the announcement that on the day upon which we pay tribute to the memory of our first President, Calvin Coolidge will "address the nation via radio." With bland complacency we accept the astounding fact that the voice of Mr. Coolidge, speaking in the House of Representatives in Washington, will be heard at the fireside of millions of American homes! This is an age in which we are prone to take much for granted.

Through radio the Chief Executive will come to the American citizen in his home; in the bosom of his family; in the quiet of that environment. No crowding into vast auditoriums; no influence of "mob psychology"; no shouting,—but just as a guest for an hour he will sit quietly down in each family circle and speak his thoughts.

Through radio, President Coolidge will speak to at least ten million people. But of far greater importance, he will speak to the very heart of the American Nation—the HOME.

The Presidential address will be released over an extensive chain of stations.
 (Continued on page 92)

Listeners-In Page

There comes a time in the life of every listener-in when he wants to be heard as well as to hear. In other words, he gets a "load on his chest," and, finding it useless to "talk back" to his loud speaker, he finally finds an outlet for his long-suppressed ideas by writing them to his friend—Radio Doings. From time to time such letters are published in our columns, especially when they express a new or radical thought. It is understood that the views set forth may or may not be in accord with those of this publication.

Editor, Radio Doings,
Los Angeles, Calif.

I think the average radio fan's attitude in regard to the loud squawks and lamentations in regard to the passage of the radio legislation now before the Senate can be expressed in the words "We should worry." This thing of trying to throw a scare into the fans by telling them that they had better make up their minds to "junk" their sets if the laws are not passed, is a lot of bunk and nonsense, and is unnecessarily alarming a lot of credulous persons.

This sort of thing is doing radio more harm than good. It is just as unreasonable to have said that if we could not have had the "Boulevard Stop" and ordinances regulating left and right turns passed, that we would have to junk our cars.

While it is true that there are a number of low power, badly modulated stations butting in on waves where they have no logical right to be, the condition is no where near as bad as certain interests would have the public believe. The average set owner is not suffering to any great extent. I use a simple one-tube set, with which I go through practically everything here, and get Denver, Salt Lake, San Diego, Oakland's several stations and, for that matter, everything within reasonable range of my set. This, by the way, being Ormiston's old adaptation of the Ultra-audion as described in your 1925 Call Book.

The broadcast stations, equipment manufacturers, and dealers, who have everything at stake will see to it that we never have to junk our receiving sets. The set owners are doing their

part. They are buying the sets and accessories, and are a source of steady revenue to the battery and tube manufacturer. Why should they then take up the additional burden of "lobbying" at Washington in order to save the day? Let the big interests take some of their fat profits and go after the legislation themselves, instead of yowling for us to pull their chestnuts out of the fire.

Just keep quiet, "saw wood," and say nothing to the law makers. Everything will work out O.K., in spite of the terrible predictions of the hysterical calamity howlers. The big radio interests have too much money tied up in the industry to let it go to the dogs.

I expect to have my little one-tube set and my five-tube loud speaker set for a great many years yet, for there will be plenty of broadcasting, and still more broadcasting, after I am gone.

I repeat that the manufacturers and station owners will see to it that conditions are regulated so that we will not junk our sets, when they see that the public is not to be bunked into doing it for them. Therefore, "we should worry."

JOHN T. PIERCE,
Los Angeles, Calif.

(Editor's Note:—While Mr. Pierce is correct in stating that the situation here is not as yet intolerable, he must bear in mind that the proposed legislation is for the United States as a whole. Certain portions of the country are experiencing a condition of chaos in radio that is little realized here. For example, there are 49 stations within 60 miles of Chicago! There are 61 stations within 60 miles of New York! There are 715 active stations now on the air, 165 are under course of construction, and 328 are contemplated. Without legislation it is probable that there will soon be a total of more than 1200 stations, and the wave channels were badly overcrowded when there were but 500!

Mr. Pierce draws a comparison with traffic regulations. Would he care to drive his car on Broadway during a rush hour if there were no signals, officers, or regulations?)



By CAREY PRESTON RITTMEISTER

Now that a woman has conquered the Catalina Channel, what is she going to do with it? The courage and endurance of Myrtle Huddleston are worthy all the praise and admiration that may be bestowed on her, and it is to be hoped that her accomplishment may bring her something more substantial. It is one more evidence of the spirit pervading society today; women are out to prove that their sphere is the world of sport, adventure, business and what-not; that she can conquer all these fields hitherto conceded as man's, and yet be a wife, a home-maker, and a mother.

I believe you would enjoy the writings of Rosita Forbes, whose adventures make most interesting reading, and her analysis of the present-day relationship of the sexes should inspire any woman who is not content with the limitations of her environment to seek some outlet for her energy.

As a rule men find satisfaction in the mere accomplishment of their great adventure, whether it be in the line of sports, letters or business; but a woman's success unshared means nothing to her, and invariably the inspiration of her efforts is her husband or, as in the case of Myrtle Huddleston, her son. And her happiness in accomplishment is measured by the joy and pride of her son or her husband in her success.

At all seasons of the year the housewife is confronted with the monotony of choosing from the few meats offered at the market. As I heard one little housewife complain to the man behind the counter, "Why don't you get in some new meats?" So I am go-

ing to fill my column today with suggestions for the use of oysters. The oyster season is short and one should make better use of the bivalve for a variation of the menu. Remember, oysters should always be fresh and never used after being long from the shell. If cooked they should be just cooked and served instantly, for an oyster let stand after cooking is tough. If served raw they should be taken from the shells just before using and be icy cold.

For a novel relish, make little cups by cutting lemons in halves crosswise and removing the pulp. Half bury the cups in shaved ice and fill with small oysters and a few bits of the lemon pulp. At the last moment pour over a dressing made of grated horseradish, vinegar, salt and paprika. Cover the top with whipped cream, unsweetened, mixed with a teaspoon of chili sauce.

One of the pleasant times of my life is recalled—an oyster bake on the shores of Matagorda Bay. One New Year's day, in bathing suits we waded along the beach and gathered many sacks of the huge oysters so plentiful in those waters. The unopened oysters were placed on clear live coals and cooked until the shells opened. Sprinkled with salt, pepper and butter and a little pepper sauce, and eaten from the shell while still hot, they were something to remember, and I offer the suggestion for a Sunday night or after-theatre supper to the woman so fortunate as to have an open fireplace.

Another recollection of that day is a tall stone jar, filled with hot oyster chowder, brought to the feast by a fish-

The Woman's Page

(Continued)

erman's wife, and this is how you may make it. In a pint of chicken broth boil one-fourth pound of ham and an onion minced fine; season with pepper, salt and butter. Add the strained liquor from a pint of oysters and a cup of tomato juice. Drop in a half dozen dumplings; cover closely and cook 20 minutes without removing the cover. Add the oysters and cook till the edges curl. Lift out each dumpling, lay the oysters on and around them and pour the chowder over all.

An oyster loaf is satisfying. Cut the top from a round loaf of bread and dig out the crumbs; butter the inside of the bread shell and brown in the oven. Fill with hot, creamed oysters and put the cover back on. Then cover the entire loaf with beaten egg yolk and put in the oven to glaze.

Next week I shall have more suggestions for the use of oysters in your menu.

Term 'Socket-Power Unit' Endorsed

There has been considerable misunderstanding regarding the nature and purpose of devices for furnishing A and B power for radio sets from the house lighting source, due largely to the wording of advertisements. The National Better Business Bureau received so many complaints in this connection that they consulted with many of the leading radio authorities, engineers and manufacturers to arrive at a term which would be constructive and definite. The term "Socket-Power Unit" is the result. It was decided that such terms as "B Eliminator" are negative and ambiguous, corresponding to "Horseless Carriage" for automobiles. We are not concerned with what a device eliminates, but rather with what it is and does itself.



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Radio



IT CAN BE DONE

Oceanside, Calif.,

DX Club:

Being a DX hound, I am always interested in the DX section of the Red Book of Radio. I have a Stewart-Warner five-tube model 305 set, and am getting fine results; have had the set one month, and have brought in 103 stations in the United States, two in Canada and three foreign stations, CZE, Mexico City; JOAK, Tokyo, Japan, and 4QG, Brisbane, Australia. The last two stations I brought in between 4:00 and 4:30 a. m. JOAK announces in English and Japanese. If any Stewart-Warner owners wish dialing record, would be glad to send them to them. All they have to do is send addressed envelope and I will send by return mail. I find distant reception best here on clear, cool nights, and it is getting better every night. There is a lot of hams down this way that spoil a lot of our reception. I would send a copy of my log, but it is too long to print.

FRED M. ALLISON.

COCKATOO DOES IT!

San Diego, Calif.,

Editor DX Page:

The recent letters on the DX page have impressed me so much that I have decided to send in my own record for future writers to shoot at.

Using a non-oscillating crystal biflex, I have received KDKA, WJZ, WEA, WRNY, JOAK, 2BL, CZE, and many others, which it is useless to mention.

I attribute my unbelievable success to the fact that I hook the loud speaker to the house lighting current, connect the A to the telephone line, and for an aerial use a bird cage containing a cockatoo.

BUFFALO BILL.

BEAT THIS LIST

Los Angeles, Calif.,

DX Club:

Why give Zeniths and a very few more a monopoly on telling the world how your set performs. Some of you Radiola owners who are DX hounds lay aside your cloak of modesty and give 'em a broadside of broadcast reception.

I'll start the ball rolling, and if the printer don't get paralysis, I will herewith submit my log. I won't insult your intelligence by saying that I get these stations every time they are on the air, nor that I have listened to them in the very recent past, but I do say that this list represents the stations I have heard on loud speaker. This brings up the question of that fellow who steps to the microphone and rambles all over the world, but apparently feels that he must keep the name of his station and his call letters a secret.

If every announcer would copy Larry Mott's style, DX would be a pleasure unmarred. When Larry Mott steps to the "Mike" he leaves no question in anybody's mind as to what his station is.

KFXB, KFVD, KNRC, KFVC, KFWO, KFWV, WOK, KFUU, KFUR, KFOZ, WBBM, WIBO, KPPC, KFQU, KFON, KFCB, KFVE, KZM, KFUR, KFSD, KDYO, WIOD, KFWI, KFXF, KLS, KMO, KFWB, KFEL, KFWH, KFUS, KRE, KFJR, KTBR, WCAR, KFPY, WENR, WGBH, KFRC, KFH, WOI, KFSG, WORD, WWSW, WGBU, KFAU, KMOX, KSMR, WSM, KOWW, KFKX, KTBL, KSL, KTAB, WGN, WLJB, KOMO, KDKA, KPDM, KFWM, KPSN, KOIN, KOA, WKRC, WSAI, WJAZ, KQW, KNX, WCBD, WLS, KOB, KWSC, WJAD, KGO, WDAF, WEBB, WEBH, KMTR, WJJD, KFBU, KTHS, KVOO, KGY, KJR, KLZ, WBMF, WEAR, KHQ, WOAI, WHT, KHJ, WCCO, WKRC, WLW, KPO, WSB, WOS, WMAQ, KFOA, WJZ, KMA, KFNF, KFI, WRC, WPAB, WFAA, WOC, WSUI, WEA, KWG, KFRU, WMC, KLX, WHO, WOAW, KYW, KFUC, KSD, CFCN, CJCA, CNRB, KJU, CZE, WREO.

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Capacities .1 to 5. Mfd. 60c to \$4.50

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Tested by the Raytheon Laboratories, they have passed with highest honors and been given an enviable rating.

F1001—1-C-1 Mfd. \$2.00

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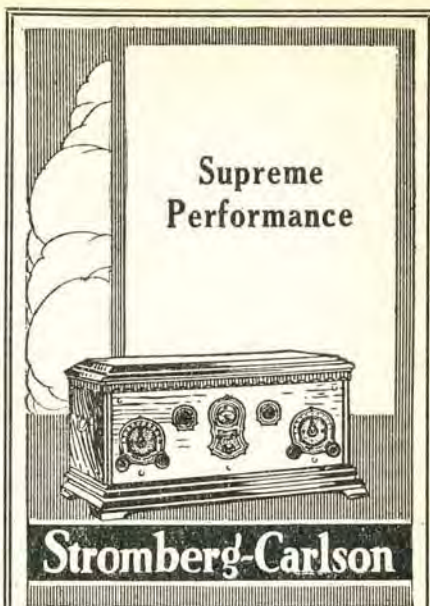
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The joy of owning a real Radio Receiver! Performance that only Stromberg-Carlson can give—fidelity of tone equaled in no other receiver—distant stations with a clarity to match local broadcast—ease of operation—the symbol of everything fine in a Radio Receiver. Can be purchased out of income.

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THE TROUBLE SHOOTER



ASK K.G.O.
The Answer Man

KENNETH G. ORMISTON
Technical Editor



QUESTION—James Mendill, Los Angeles, asks: Should not the loop on Radiola 28 be directional? I have to keep it always in the same position. There is a floor lamp beside my set and when I pull the plug out of the wall socket a station that was coming in plain drops out.

ANSWER—Very often a loop, such as is used on the Radiola 28, will be found to have no appreciable directional effect. That is, it will give loudest signals when set in a certain fixed position regardless of the direction of the station being received. This is due to the fact that the loop is receiving energy from some other collector close to it, such as the house wiring circuits, or the loose end of an unused antenna. The loop is therefore turned to advantageously pick up energy from this other source rather than to have its plane horizontal to the direction of the station being received as would be the case were there no other influences affecting the loop.

This can often be demonstrated by moving the set out away from the wall where the loop will not be in close proximity to the house wiring or any other possible collector of radio energy. In preserving the directional properties of the loop you increase the selectivity of the receiver, and to accomplish this it is only necessary to see to it that the loop is acquiring energy from the passing wave-front of the transmitting station only, and not from unused antennae, lighting circuits, etc. Place the set so that there are no electrical

circuits near the loop, or other metallic collectors.

QUESTION—C. E. M., Hollywood, Cal.: Is there any harm to the radio set by using two loud speakers at the same time? I like the resultant tone when I use my old Rola together with my new cone.

ANSWER—Many fans as well as some of the console radio set manufacturers are solving the quality of reproduction question by the use of two loud speakers. Before the development of the cone speaker the horn type of reproducer failed to pass the low or bass notes and favored the high notes. Then the cone appeared, and for the first time the listener-in heard the bass notes. His delight at this improvement prompted the cone speaker manufacturer to so design the speaker as to further emphasize the low notes, while at the same time improvement in the audio frequency amplifier extended its frequency range downward.

The result of these two factors is that with the modern audio amplifier and the modern cone speaker, the low notes are usually over emphasized and the high notes sacrificed. Certain manufacturers of sets are now incorporating two speakers, one cone and one of the horn type. The result is uniform reproduction over the entire range. Fans have independently in some cases discovered the same pleasing effect through the simultaneous use of their old horn type and the new cone speaker. The two units may be connected either in series or parallel, whichever arrangement gives the best result.

The type of reproducer which is most satisfactory is that used in the Orthophonic and Panatropie talking machines, and the fan possessing one of these machines can do no better than make use of the wonderful horn thus provided.

The Burns B-Power Unit

Not
Just Another Eliminator
BUT

A Real Eliminator

No
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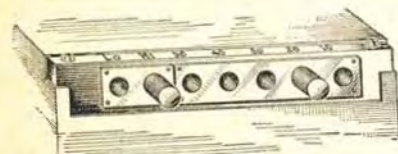


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Complete
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Will Handle Perfectly up to Twelve Tubes, Including Power Tube



Amplifier Voltage Adjustment
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Invite You to Hear the Federal Ortho-Sonic Radio and
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GRanite 7482

West Wilshire

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OREgon 7603

Echo Park

E. E. EAGLES
1704 Sunset Blvd.
Washingt 9588

Highland Park

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GARfield 8962

Huntington Park

P. A. DOUGHERTY
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DELaware 4852

South

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THornwall 4460

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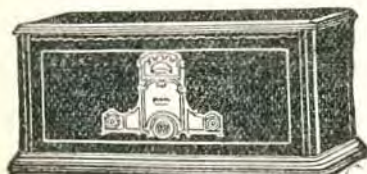
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Southwest

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MODEL E-10

Six Tubes—Wet or Dry Type. Single control without loss of efficiency. Extremely selective. Maximum receiving range. All metal construction. Illuminated scale—acts as pilot light. Perfect control of volume. Brown Mahogany Cabinet, Rosewood Inlay. Without Accessories—\$150.00.

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Safety and
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PIER AVENUE RADIO CO.
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PASADENA

THOMAS & SOMMERVILLE
41 N. Broadway
Terrace 0815

REDONDO

J. H. THORP RADIO &
MUSIC SHOP
124 S. Pacific Ave.
Redondo 3621

SAN PEDRO

SAN PEDRO ELECTRIC
261 Sixth St.
San Pedro 884

WHITTIER

H. C. OLDHAM
128 S. Greenleaf Ave.
Whittier 411-293

MODEL D-10

Five Tubes. Centralized control. Very selective and sensitive. Genuine Mahogany Cabinet, Mahogany Lined. Finished in rich Brown. Without Accessories—\$100.00



Yale Radio Electric Co., Wholesale Distributors, 1111 Wall St., Los Angeles

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Safety and
Satisfaction

Broadcast Changes

There were 715 active stations broadcasting on February 7th, according to the records of the Department of Commerce, which licensed ten new stations during the past week and deleted three which have ceased to operate. These may be the last licensed for some time, since the radio bill, which will probably pass the Senate soon, will terminate all licensing until the commission starts functioning. The newcomers in the ether report they will operate low power transmitters in the ten states of Washington, Massachusetts, Nebraska, Oklahoma, New York, Pennsylvania, Iowa, Florida, Ohio and California. On the other side of the balance sheet, Texas, Michigan and Utah each lost a station. There are 328 new stations contemplated.

Of five wave pirates, reporting changes to ether channels of their own selection, three increased their wave lengths and two dropped slightly, apparently to decrease local interference.

The new stations and the changes follow:

TEN MORE SMALL STATIONS

Call	Owner	Wave Length Meters	Frequency Kcys.	Power Watts
KROX	N. D. Brown & W. J. Calsamalia, Seattle, Wash.	265.3	1130	100
WLBM	Browning Drake Corp., Boston, Mass.	480	624.5	50
KGEO	Raymond D. Chamberlain, Grand Island, Neb.	271	1106	50
KGFG	Full Gospel Church, Oklahoma City, Okla.	384	780.8	50
WMBQ	Paul J. Gollhofer, Brooklyn, N. Y.	210	1428	100
WMBU	Paul J. Miller, Pittsburgh, Pa.	236.1	1270	50
KSCJ	The Sioux City Journal, Sioux City, Iowa.	444	675.3	10
WMBR	Premier Electric Co., Tampa, Fla.	250	1199	100
WMBW	The Youngstown Broadcasting Co., Inc., Youngstown, Ohio	279	1075	50
KGFB	Frederick Robinson, La Crescenta, Calif.	218.8	1370	100

SEVERAL CHANGES IN WAVES AND NAMES

KGCN, Concordia Broadcasting Co., Concordia, Kan., name changed from Alva E. Smith. Wave length changed from 210 meters, 1428 kilocycles, to 235 meters, 1276 kilocycles.

WMPC, First Methodist Protestant Church, Lapoor, Mich., from 222 meters, 1351 kilocycles, 30 watts, to 202 meters, 1484 kilocycles, 15 watts.

WFHH, Fort Harrison Hotel, Clearwater, Fla., call letters changed from WGHB. Wave length changed from 265.3 meters, 1130 kilocycles, to 355.4 meters, 843.6 kilocycles.

KDYL, Intermountain Broadcasting Corp., Salt Lake City, Utah, from 245.8 meters, 1220 kilocycles, 100 watts, to 246.8 meters, 1215 kilocycles, 250 watts.

KGCG, Moore Motor Co., Newark, Ark., from 239.9 meters, 1250 kilocycles, to 234.2 meters, 1280 kilocycles.

WTAS, Richmond Harris & Co., Batavia, Ill., call letters changed from WSW.

WJR-WCX, Station WJR, Inc., and the Detroit Free Press, Pontiac, Mich., name changed from Jewett Radio & Phonograph Co. and the Detroit Free Press.

WBAW, Waldrum Drug Co., Nashville, Tenn., name changed from Braid Electric Co. and Waldrum Drug Co.

THREE DELETED

KFYO, Buchanan-Vaughn Co., Texarkana, Texas.

WWPR, Detroit Police Department, Detroit, Mich.

KFOO, Latter Day Saints University, Salt Lake City, Utah.

Anten-A-Liminator



Static, extraneous noises, many stations coming in at one time, unsightliness and a fire hazard are some of the disadvantages of an outside aerial.

Why get a jumble of noise from an instrument designed for pleasure?

Manufactured by:
Geo. E. Browning Co.
Ogden, Utah

If Your Dealer Can Not
Supply You

Telephone VAndike 3297
Or Write

Scott Sales Co.

443 S. San Pedro St.
Los Angeles, Cal.

The result of months of experimenting and exhaustive tests. Many times the selectivity of an outside aerial. Will make it possible for you to separate the lower wave length stations.

Small—Compact. Can be put inside or outside of the cabinet. Quickly installed.

Will take the Chaos out of the Air.



\$8.50

Unconditionally
Guaranteed
If Not Opened



Mohawk Radio

One  Dial

THE PIONEER ONE-DIAL SET

Any of the following dealers will be glad to demonstrate a set for you. Once demonstrated, you will buy.

LOS ANGELES

R. C. Larkin
4285 Beverly Blvd.
Mohawk Battery & Radio
2115 Sunset Blvd.
L. A. Duncan
2891 West Pico
Bob Brown
4353 South Figueroa St.
Monarch Radio Company
2189 W. Washington Blvd.
L & Y Electric Co.
8864 West Pico
Normandie Radio
5069 Hollywood Blvd.
Barney Campbell
8210 Sunset Blvd.
Top Notch Radio
747 S. Main St.
ANAHEIM, Schmidt Music Co.
217 West Center
GLENDALE—Alexander Radio
Shop, 216 North Brand
WHITTIER, H. D. Squires
218 South Greenleaf
LONG BEACH, R. W. Haynes
137 East Fourth
CARLSBAD, Standard Garage
WILMINGTON—Kelm Radio
SANTA PAULA—Kit Carson
ONTARIO—Davis Electric Co.

SAN DIEGO

Nelson Radio
Fains Radio Shop

FILLMORE, M. D. Basolo
SOLANO BEACH, I. E. Connor
CALEXICO, City Electric Co.
313 Second St.
INDEPENDENCE, Sterling Bros.
Garage
BISHOP, Exide Battery Shop
SAN CLEMENTE, San Clemente
Electric Shop
LONE PINE, James G. Ducker
MONROVIA, J. H. Terry
416 South Myrtle
SANTA BARBARA, Channel Elec-
tric Co., 523 Anacapa St.
SANTA PAULA, Kit Carson
SANTA MONICA Bay Dist. Dealer,
Warren Radio Shop, 1548 17th St.
SEAL BEACH, D. W. Collier
321 Main St.
LOMITA, Calkins Hdwe. Co.
TORRANCE, De Bra Radio Co.
BELLFLOWER, S. E. Moore
617 Somerset St.
SAN PEDRO, Journey Electric Co.
380 Sixth St.

PASADENA

Leo Radio
922 E. Colorado
Wilson Music Co.
180 E. Colorado
Radio Doc
1581 Walnut St.

COOK-NICHOLS CO.

411 S. San Pedro St.
Los Angeles, Cal.

482 S. Fair Oaks Ave.
Pasadena, Cal.

WHEN YOU BUY THAT NEW SET, INSIST
THAT YOUR DEALER INCLUDE

WESTINGHOUSE



Radio "A" Autopower

A combination of "A" battery and charger in one convenient unit, both four and six volt sizes. Just plug it into a light socket. Works automatically. Gives wonderfully smooth even flow of current. Noiseless — non-pulsating — absolutely without hum.

A Westinghouse invention — entirely new. Practically indestructible. No tubes. No replacements. No liquids in charger. No special wiring.

Ask Your Dealer for Demonstration

Southern California Distributors

Harry W. Harrison, Inc.

848 South Flower St.

Phone TRinity 9777

ILLINOIS ELECTRIC CO.

ALSO

SHERMAN, CLAY & CO.

315 S. San Pedro St.

944 Santee St.

LOS ANGELES, CALIFORNIA



Rear view above shows large compartment with ample space for batteries, battery charger, or battery eliminator which are entirely concealed from view. Back is open for ventilation of batteries.



(Pat. Applied For)
**Model 200, with 22-inch
 Cone Loudspeaker**



Above is shown the Cone Loudspeaker, with its Panel, which is quickly and easily removable, allowing access to all batteries, battery charger, battery eliminator, or other equipment and wiring.

Model 200

\$35

Console with Cone Loudspeaker Ready for Set and Batteries

This Windsor Cone Loudspeaker Console is equipped with a 22-inch Windsor Cone Loudspeaker. Its top is 30 in. x 17 in. and is 29 in. high. The battery shelf provides ample space for batteries, charger, battery eliminator and other equipment. Beautifully finished in either Mahogany or Walnut color.

A Revelation in Radio Reproduction



Model 210
 22-inch Cone Loudspeaker with Panel and easel back

\$18⁰⁰

(Pat. applied for)

beauty, just as it entered the microphone.

...
 This 22-inch Windsor Cone Loudspeaker will reproduce the softest crooning lullaby in a softly lighted room, or the full throated march music of a band in an auditorium—both with perfect fidelity of sound and tone. The Windsor Cone Loudspeaker Console is the greatest value in the world of radio. When compared with the average cost of cone-type loudspeakers of even similar size, the cost of the complete Windsor—cone loudspeaker and console—is amazingly low.

The Windsor Cone and Horn Loudspeakers, combined with attractive pieces of furniture in many models, are being demonstrated by recognized dealers everywhere. Go to your dealer today and examine this astonishing new Cone Loudspeaker Console. If he happens not to have one, write to us and we will tell you the name of the nearest store at which you can see and hear one.

NOTE TO DEALERS

Write or wire today for details of the highly profitable Windsor selling line.

At last—a cone loudspeaker that reproduces *all* the tones as they are broadcast. From the deep voiced tubs of an orchestra to the softest note of a vocal solo—*every* tone—*every* sound is reproduced in all its

As a piece of furniture, the Windsor Cone Loudspeaker Console is of such manifest high quality and attractive design as to be a welcome addition to any home. Finished in Mahogany or Walnut color.

WINDSOR FURNITURE CO.

World's Largest Manufacturers and Originators of Loudspeaker Consoles

1420 Carroll Avenue, Chicago, Illinois

Los Angeles Branch: 917 Maple Avenue

R. D. 23
WINDSOR FURNITURE COMPANY.
 Electrical Department,
 917 Maple Ave., Los Angeles.
 Send me FREE and without obligation circulars of the Windsor line of Cone and Horn Loudspeakers combined with pieces of furniture, and name of nearest dealer.

Name.....
 Address.....
 Dealer's Name.....
 City.....State.....



The Original

Nathaniel Baldwin

CONSOLE GRAND REPRODUCER



This reproducer, employing the new scientific long air column principle, for true reproduction of the full tone range, is the latest development of the combined laboratory efforts of the Nathaniel Baldwin Co. of Salt Lake City and Newcomb-Hawley Co. of Chicago.

It is said by musical critics to be the best they have ever heard. Baldwin Dealers will find their prestige increased still further by the addition of this wonderful speaker to their present Baldwin stock.

Deliveries can now be obtained through regular jobbers and dealers.

Southern California Distributors:

MYERS ELECTRIC CO.
1727 S. Los Angeles St.
Los Angeles, Calif.
WEstmore 5411

DANIEL SPECIALTY CO.
5234 Melrose Avenue
Los Angeles, Calif.
HEmpstead 3491

Pacific Coast Representatives:

KEELER WHITE CO.

LOS ANGELES SAN FRANCISCO SEATTLE
211 S. San Pedro 509 Mission 409 Occidental



ELEC-TRU-TONE

THE PHONOGRAPH MODERNIZER



YOUR RADIO SET

YOUR PHONOGRAPH

All the new Victor, Columbia and Brunswick records are recorded electrically. Every note of every instrument is recorded in its proper volume. Fortunes were spent in perfecting the methods.

But the old phonographs will not reproduce all that is recorded. Most of the charm is lost.

To get the full benefit of the new records, electric reproducing phonographs already contain most of the parts embodied in these new electric machines. The ELEC-TRU-TONE supplies all the rest in readily attachable form.

But your radio set and old phonograph already contain most of the parts embodied in these new electric machines. The Elec-tru-tone supplies all the rest in readily attachable form.

TONE—so life-like it will thrill you

BASS—full and resonant

PLENTY VOLUME—controllable to a whisper

Sold by dealers that want you to get double use from your radio set.

Manufactured by

The Elec-tru-tone Corp., Hibernian Bldg., Los Angeles
Phone MAin 3843

Distributed Nationally by

Baker-Smith Co., Inc., Call Bldg., San Francisco

California Jobbers

THE ELECTRIC CORP.
1050 Santa Street
Los Angeles

YALE RADIO ELEC. CO.
1111 Wall Street
Los Angeles

ELECTRIC SUPPLY CO.
370 Eleventh Street
Oakland

KIERULFF & RAVENSCROFT
• 845 Howard Street
San Francisco

COAST ELECTRIC CO.
744 G Street
San Diego

Schedule of DX Stations

Call Letters	Location	W. L. Meters	Power Watts	Schedule of Concert and Dance Music
WBBM	Chicago	226	1500	Daily except Mon. and Fri., 6 to 10 p. m.
WIBO	Chicago, Ill.	226	1000	Mon., 4 to 6 p. m.; Fri., 10 to 12 p. m.
WOWO	Ft. Wayne, Ind.	227	1000	Wed., 5:15 to 10 p. m.
KUT	Austin, Texas	231	500	Mon., Wed., 8 p.m.; Sun., 9 a.m.-1:30 p.m.
WHT	Chicago	238-400	3500	Daily except Sun. and Mon., 8 to 10 p. m.
WWAE	Plainfield, Ill.	242	5000	Daily except Sun., 7 to 10 p. m.
WOOD	Grand Rapids	242	1000	Fri. and Sat., 7 to 10 p. m.
WBAL	Baltimore	246	1000	Mon., Tues., Thurs., Fri., 5 to 9 p. m.
WRVA	Richmond, Va.	256	1000	5:30 to 8 p. m.
WKAF	Milwaukee, Wis.	261	5000	Mon., Wed., and Fri., 8 to 9 p. m.
WCAR	San Antonio, Texas	263	6000	Daily except Sun., 6 to 8 p. m.
WENR	Chicago, Ill.	266	1000	Daily except Sun. and Mon., 6 to 7 p. m.
WGHB	Clearwater, Fla.	266	500	Daily except Sun., 5:30 to 7 p. m.
WGHP	Detroit	270	1500	Wed., 5 to 7 p. m. Thurs. and Fri., 7-9 p.m.
KGU	Honolulu	270	500	Thurs., Fri., Sun., 10 to 11:30 p. m.
WHK	Cleveland, Ohio	273	1000	Daily except Sun., 3:30 to 4:30 p. m.
WORD	Chicago, Ill.	275	5000	Thurs. and Sat., 8 to 10 p. m.
WGBU	Tulford, Fla.	278	500	Daily except Sun., 5 to 10 p. m.
KFAU	Boise, Idaho	280	750	Thurs., 8 to 10 p. m.
KMOX	St. Louis	280	5000	Daily except Thurs., 1 to 9 p. m.
WBM	Nashville, Tenn.	282	1000	Mon., Wed., Sat., studio concert 8-10 p. m.
WMBF	Miami Beach, Fla.	284	5000	Daily, 4 to 5:30 p. m.; 7 to 11 p. m.
WAIU	Columbus, Ohio	294	750	Fri., 4 to 7 p. m. Mon., 6 to 8 p. m.
KPRC	Houston	297	500	Sat. and Wed., 8 to 10 p. m.
WPG	Atlantic City	300	500	Daily, 6 to 8 p. m.
WGN	Chicago	303	1000	Daily except Sun., 8 to 9 p. m.
WLIR	Chicago	303	4000	Daily except Sun., Mon., Wed., 9 to 11 p.m.
KOIL	Council Bluffs	306	500	Daily except Sun. and Wed., 4 to 9 p. m.
KDKA	Pittsburgh	309	1000	Daily ex. Sun. 3 to 8:30 p.m. Sun. 3 to 6 p.m.
WGR	Buffalo	319	750	Mon. and Fri., 6 to 10 p. m.
WKRC	Cincinnati	326	1000	Sun., Tues., Thurs., Sat., 8 to 10 p. m.
WSAI	Cincinnati, Ohio	326	5000	Tues., 3:30 to 8 p. m.; Sat., 5 to 8 p. m.
WJAZ	Chicago, Ill.	330	1500	Sun., 4 to 6 p.m.; Tues., Fri., Wed., 6-9 p.m.
WBZ	E. Springfield, Mass.	333	2000	Daily except Sun., 3:30 to 7:30 p. m.
KFAB	Lincoln, Neb.	341	1000	Mon., Tues. and Wed., 6:10 to 8:30 p. m.
WCBQ	Zion, Ill.	345	5000	Tues., Thurs., 6 to 8:30 p. m.
WLS	Chicago	345	5000	Wed., Fri., Tues., 4 to 10 p. m.
WWJ	Detroit	353	1000	Daily except Sat. and Sun., 4 to 5 p. m.
CFCF	Toronto	356	2000	Wed., 8 to 9 p. m.
WHB	Kansas City	366	500	Sun., 8 to 11 p. m. Tues., 5 to 8 p. m.
WDAF	Kansas City	366	1000	Daily except Sunday, 9:30 to 11 p. m.
WJJD	Mooseheart, Ill.	370	1000	Daily except Sun., Mon., 6 to 7, 8 to 9 p.m.
KFBU	Laramie, Wyo.	375	500	Mon., Wed., Fri., 8 to 10 p. m.
KVOO	Briston, Okla.	375	1000	Daily except Sun., 9 to 11 p. m.
KTHS	Hot Springs, Ark.	375	1000	Daily 7 to 9:30 p. m.
WHAZ	Troy, N. Y.	379	1000	Mon., 5 to 7:30 p. m.
WYG	Schenectady	380	5000	Daily except Sun., 3 to 8 p. m.
WEAR	Cleveland, Ohio	389	1000	Tues., Thurs. and Fri., 4 to 8 p. m.
WTAM	Cleveland, Ohio	389	1000	Daily except Sun., 3 to 9 p. m.
PWX	Havana	400	1000	Daily except Thurs., 5 to 8 p. m.
WJY	New York, N. Y.	405	5000	Fri., 4:30 to 8:30 p.m.; Sun., 5 to 7:30 p.m.
CYJ	Mexico City, Mexico	410	1000	Daily except Sun., 7 to 8 p. m.
CFCF	Montreal	411	2000	Mon. and Fri., 5:30 to 8:30 p. m.
CKAC	Montreal	411	1500	Tues. and Thurs., 6 to 9 p. m.
KFQB	Ft. Worth, Texas	412	2500	Daily except Sun. and Wed., 6 to 10 p. m.
WCCO	St. Paul, Minn.	416	5000	Wed., 12:30 to 9:30 p. m.
KFXF	Denver	422	500	Mon., Tues., Sat., 7:30 to 9:30 p. m.
WLW	Cincinnati	422	5000	Sat., 5 to 6 p. m. Mon., 6 to 8 p. m.
WSB	Atlanta, Ga.	428	1000	Dly. ex. Sun., 6-7 p.m.; ex. Wed., 8:45-10 p.m.
AT9	Fort Bragg, N. C.	434	750	Tues., Thurs., Sat., 5 to 7 p. m.
NAA	Arlington, Va.	435	1000	Wed., 4:45-5 p. m.; Fri., 5:45-6:20 p. m.
WQJ	Chicago	447	500	Daily except Sun. and Mon., 8 to 12 p. m.
WMAQ	Chicago, Ill.	448	1000	Daily except Sun. and Mon., 8 to 8 p. m.
WJZ	Boundbrook, N. J.	454	50000	Daily except Sun., 1 to 3 p. m.
WBAP	Ft. Worth, Texas	476	5000	Mon., Wed. and Fri., 9 p. m. Popular prog.
CYL	Mexico City	480	1000	Sun., Tues., Fri., 8 to 9 p. m.
WEAF	New York City	491	5000	Daily except Sun., 3 to 9 p. m.
WOO	Philadelphia	508	500	Daily, 4:30 to 5:30 p. m.
WCX	Detroit	517	5000	Daily except Sat. and Sun., 4 to 8 p.m.
WOW	Omaha	526	1000	Tues. and Thurs., 4 to 9 p. m.
WNYC	New York, N. Y.	526	1000	Daily except Sun., 3 to 8 p. m.
WHO	Des Moines	526	5000	Daily except Sat. and Wed., 9 to 10 p. m.
KYW	Chicago	536	3500	Daily except Sun. and Mon., 8 to 9:30 p. m.
KSD	St. Louis	548	500	Thurs., Fri. and Sat., 7 to 9 p. m.

Hours Shown as Submitted by These Stations Adjusted to Pacific Standard Time

Crosley's 6-Tube Batteryless Radios—Childs Lab., 1187 W. 24th

BOSCH RADIO

Imperial Cruiser

The Bosch Cruiser chassis in a new decorative creation of full walnut. Its plain, rich beauty of design and workmanship is in perfect taste in any surrounding.



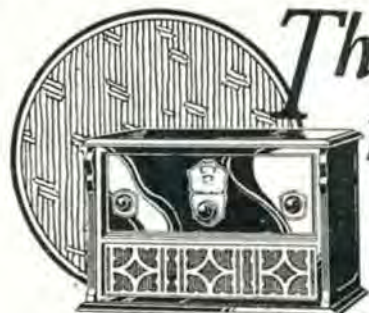
Reiman Wholesale Electric Co.

218 to 228 East Third St.

Los Angeles

Metropolitan 4280

WHOLESALE ONLY



Model 350—\$115.00
with built-in Reproducer—

The New Stewart-Warner 6-Tube receiver with separate or enclosed reproducer

This six-tube, single-dial-control receiver is, we believe, one of the best "dollar-for-dollar" radio values ever manufactured. The cabinet work beautifully "fits in" as a part of the furnishings of even the most tastefully furnished rooms. . . . the performance of both the receiver and reproducer leaves absolutely nothing to be desired. . . . tone, volume, and selectivity are remarkably present to the highest degree.



Model 345—\$82.50 with the
New Model 415 Reproducer—\$31.50

This noteworthy radio value can be purchased from any of the Stewart-Warner dealers listed in this advertisement on very easy terms. Ask your dealer to also demonstrate the National Home

Power Unit for "A" current and the efficient Majestic "B" Eliminator, which make, with the Stewart-Warner radio, a complete home installation operating from the electric lighting current.

Los Angeles Dealers

ATWATER RADIO & ELEC. CO.
3208 Glendale Blvd.
DEAN K. BARRIS
3100 S. Vermont Ave.
BENSON HARDWARE COMPANY
416 South Broadway.
BIRONG & BUSHARD
1717 W. Adams St.
CALIFORNIA RADIO SHOP
607 South Figueroa St.
CHAPMAN HOUSE SALES CO.
4374-76 S. Figueroa St.
CLIFF'S RADIO SERVICE
2635 Dorton Ave.
DON FINKLE
2207 West Jefferson
A. W. COOPER
1315 W. 39th St.
FRANK W. HASBROUCK
6211 S. Vermont
HARRY SAVOY
828 W. Jefferson St.
HOLLAND ELECTRIC SHOP
5632 Pasadena Ave.
HIDLEY RADIO & BIKE HOUSE
817 South Main St.
HINES RADIO
7322 South Broadway
INTERPHONE ELECTRIC CO.
5510 Monte Vista St.
LOVINGER'S MELROSE RADIO
SHOP, 4436 Melrose Ave.
MANGHESTER RADIO CO.
1522 E. Manchester Ave.
MOHAWK BAT. & RAD. CO.
2115 Sunset Blvd.
NILSSON & NELSON
4320 Avalon Blvd.
NORTON & NORTON
2211 N. Broadway
POTTER RADIO SALES CO.
1817 W. 54th St.

CHAS. A. ROBINSON
4502 S. Normandie
RADIO ELECTRIC SHOP
789 S. Vermont Ave.
A. C. SINGER
4137 Pasadena Ave.
SOUTHWEST ELECTRIC &
RADIO CO., 807 W. Florence Ave.
THAYER ELECTRIC CO.
2908 Whittier Blvd.
ARROYO GRANDE, J. D. Truitt
Arroyo Grande Plumbing and
Electric Shop
VISSER RADIO AND ELEC. CO.
4750 Whittier Blvd.
WEST STATES ELECT. CO.
4751 South Broadway

Hollywood Dealers

BARROWS & CONKWRIGHT
5545 Sunset Blvd.
DORAN'S ELECTRIC SHOP
7515 Sunset Blvd.
DORAN'S ELECTRIC SHOP
8030 Santa Monica Blvd.
GLOW ELECTRIC CO.
5910 Hollywood Blvd.
H. D. HATFIELD & SON
1702 N. Vermont Ave.
MELROSE RADIO SHOP
5093 Melrose Ave.

Southern California Dealers

ALHAMBRA, LeRoy G. Franklin
644 W. Main.
ANAHEIM, Bennett's Radio Shop
220 Center St.
ARTESIA, Wm. B. Hayes
325 N. Main St.
BARSTOW, Barstow Radio Shop

BELLFLOWER, Stewart-Warner
Radio Shop
Pacific and Mayne Sts.
BREA, Bennett's Radio Shop
129 S. Pomona Ave.
CALEXICO, City Electric Co.
313 Second St.
CHATSWORTH, C. H. Preston & Son
CHINO, Woods Radio Company
413 Sixth St.
CHULA VISTA, Inskip & Proctor
347 Third Ave.
COLTON, H. C. Bliss
688 S. Seventh St.
COMPTON, Model Electric Co.
138 E. Main St.
CORONADO, Coronado Radio Shop
1011 Orange Ave.
COVINA, Harold R. Houser
115 College St.
CULVER CITY, Culver City Radio &
Elec. Co.
8715 Washington Blvd.
EAGLE ROCK, Weaver & King
5112 Eagle Rock Blvd.
EL CENTRO, Bowles & Son
Seventh and Main St.
EL SEGUNDO, B. W. McAllister
110 Grand Ave.
EL MONTE, Weaver & King
(El Monte Hdq. Co.)
ENCINITAS, Lee & Rossen

ESCONDIDO, Dietrich's Electric Shop
112 S. Kalmia
GARDENA, Don Spears
725 W. 165th St.
GLENDALE, Alexander Radio Shoppe
Alexander Theatre Arcade
2100 N. Brand Blvd.
GLENDALE, Willard Heliman
(Broadway Elec.)
202 E. Broadway
GLENDORA, James M. Reed
HERMOSA BEACH, Rose Radio Store
246 Camino Real
HUNTINGTON PARK, H. L. (Radio)
King
116 E. Irvington St.
LYNES, Van & Jenkins
ANGLEWOOD, R. D. Aylesworth
411 N. Market St.
LA JOLLA, Redding & White
7402 La Jolla Blvd.
LA MESA, La Mesa Radio Studio
LANCASTER, E. A. Knelp
RISHOP, Griffith Bros.
LONG PINE, Griffith Bros.
LONG BEACH, Alday & Crandall
1118 American Ave.
LONG BEACH, The Electric
Radio Co.
1719 E. Anaheim
LONG BEACH, Harold A. Nickle
289 Nieto St.

LONG BEACH, W. L. Horrell
740 Pine St.
LYNWOOD, Lynwood Elec. Co.
204 N. Long Beach Blvd.
NEWHALL, C. E. Graham
OCEAN PARK, Crescent Tire and
Supply Co.
Bay and Main Sts.
OCEANSIDE, Dudley L. Axe
Second St.
ORANGE, Roy Des Larzes
143 N. Glassell St.
Roy O. Sobree
PACIFIC BEACH, James R. Ramsey
PALMS, Brickell Radio Elec. Co.
12204 Washington Blvd.
PASADENA, Wyckoff & Varrinder
1447 North Lake St.
PASADENA, Premier Radio
11 California St.
PASADENA, Premier Radio Co.
Athletic Club Bldg.
PASADENA, DeWilde Radio
Laboratory
2048 East Colorado Ave.
PASO ROBLES, R. C. Heaton
PICO, Pico Radio Shop
POMONA, George W. Hiatt
183 E. Third St.
REDONDO, L. & L. Sales Co.
210 Diamond St.
REDLANDS, J. L. Yount
106 W. Citrus Ave.

RIVERSIDE, Frank W. Chaney
996 Market St.
SAN BERNARDINO, Gurr, Smith
& Gurr
439 Fourth St.
SAN DIEGO
"Radio Smith"
1241 28th St.
"Better Radio"
2355 University Ave.
Glen H. Dutton
2355 Van Dyke
Guy H. Parmenter
2720 San Diego Ave.
SAN FERNANDO, Willis Rowe
SAN LUIS OBISPO, Cline Elec. Co.
980 Monterey St.
SAN PEDRO, San Pedro Furn. Co.
228 W. Sixth St.
SANTA ANA, Shaffer's Music Store
415 N. Main St.
SANTA BARBARA, Val Folger
733 State St.
SANTA MARIA, Ford & Smart
118 E. Main St.
SANTA MONICA, J. S. Suite
825 Wilshire
SANTA PAULA, The Music Shop
104 W. Main St.
SATICOY, H. H. Wright
Sixth and D Sts.
TAFT, L. H. Bird
610 Center St.
TONOPAH, NEVADA
Tonopah Electric Company
UPLAND, Jay M. Ross
VENICE, Stewart-Warner Radio
Studio
1029 Washington Blvd.
WALNUT PARK, Terminal Electric
1606 Berille St.
WESTMINSTER, Martin Engel
WHITTIER, H. C. Oldham
125 S. Greenleaf
WILMINGTON, B. F. Clausen
710 W. Anaheim St.

Stewart-Warner Products Service Station
{ Wholesale Distributors Stewart-Warner Radio }
1366 South Figueroa Street - LOS ANGELES
811 Front Street (near F) - SAN DIEGO



LESLIE ADAMS
Announcer

Los Angeles, California—467 Meters

KFI

4000 WATTS—640 KILOCYCLES

Radio Central Super-Station of Earle C. Anthony, Inc.
1000 S. Hope. Phone WE. 0331. After P. M., WE. 0337
Class "B" 5000-Watt W. E. Sta., Operating on 4000 Watts
ROBERT HURD, Program Manager

DAILY EXCEPT SUNDAY—

- 5:30 p. m.—Musical Program.
- 6:15 p. m.—Radiatorial.
- 6:30 p. m.—Vest Pocket.

MONDAY, WEDNESDAY AND FRIDAY—

- KFI Woman's Interest Dept. Under the Direction of Agnes White.
- 10:00 to 10:20 a. m.—Talk on Face and Scalp Hygiene by Georgia O. George.

- 10:20 to 10:40 a. m.—Furnishings for the home by Agnes White, director of the Dept.
- 10:40 to 11:00 a. m.—Betty Crocker—Gold Medal Flour Home Service Talks.
- 11:10 to 11:30 a. m.—Food talks by Agnes White.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

- 10:00 a. m.—Morning service under direction of Los Angeles Church Federation.
- 2:45 p. m.—San Francisco Symphony Orchestra, Alfred Hertz conductor, broadcast simultaneously by KFI, Los Angeles; KPO, San Francisco, and KGO, Oakland. Given by the Standard Oil Company of California.
- 6:00 p. m.—Program by Russian Academy of Musical Art Trio—Boris Myronoff, piano; Misch Speigel, violin; Alex Borrisoff, 'cello.
- 6:50 p. m.—Father Ricard's sunspot weather forecast.
- 7:00 p. m.—Aeolian Organ recital, Alex Reilly at the console; Mrs. Edward C. Crossman.
- 8:00 p. m.—Packard Classic Hour, featuring Sylvia Zeitlen Rosenthal, concert pianist; Kitty Short, soprano, and Lilyan Ariel, accompanist.
- 9:00 p. m.—Bob Bottinger and his Venetians Dance Orchestra; Lois Whitemon and Winnie Parker, harmony singers.
- 10:00 p. m.—Packard Six Orchestra, Bill Hennessy director; Dolly MacDonald, blues singers, and Esther Walker, pianist.

MONDAY, FEBRUARY 21—

- 7:00 p. m.—Harmony Twins, uke and guitar, and the Starke Sisters (Minnie and Maude).
- 8:00 p. m.—Brahms Quartet—Ferenz Steiner, Paul R. Kepner, Matilda Prezant, and La Verne Beal, pianist.
- 9:00 p. m.—Song recital by William Pilcher, tenor, with Lilyan Ariel, pianist.
- 10:00 p. m.—Program by Meiklejohn Bros.

TUESDAY, FEBRUARY 22—

- 9:30 to 10:30 a. m.—Address by President Calvin Coolidge by the National Broadcasting Company, over the National network.
- 6:30 p. m.—Emil Edwards, violinist; Ruth Raynor, ballads and pianist.
- 7:00 p. m.—Jack Martin's Hawaiian Trio; Clark Sisters (Ruth and Llah).
- 8:00 p. m.—Gattono String Quartet; Gretchen Garret, soprano.
- 9:00 p. m.—Mrs. Edward C. Crossman, contralto; Thomas Wallace, baritone.
- 10:00 p. m.—Azure Music Book; Edna Cook.

WEDNESDAY, FEBRUARY 23—

- 7:00 p. m.—Ray Fisher's Original Victorians.
- 7:30 p. m.—Nick Harris, Detective stories.
- 7:45 p. m.—Eugenia Whisenant.
- 8:00 p. m.—Calpet Male Quartet, Paul Roberts, tenor, and the Calpet Orchestra, Chico De Verde, director, on the California Petroleum Corporation program.
- 9:00 p. m.—Orline Burrow, violinist; Gleaner Quartet; J. Maurice Woods, baritone.
- 10:00 p. m.—Sunset Instrumental Quartet; Dorothy Ruth Miller, concert pianist; Virginia McCoy, contra-contralto.

THURSDAY, FEBRUARY 24—

- 7:00 p. m.—Program by University of Southern California.
- 8:00 p. m.—KFI Drama Hour; Grace Mead, soprano, and Virginia McCoy.
- 9:00 p. m.—Monrovia High School Girls Little Symphony.
- 10:00 p. m.—Johnston and Farrels Music Box Hour, direction of Gene Johnston, with Jim Jack, and Gene Trio and soloists.

FRIDAY, FEBRUARY 25—

- 7:00 p. m.—Aeolian Organ recital, Alex Reilly at the console.
- 8:00 p. m.—Program by Paul Roberts and Leslie Adams in their weekly request program.
- 9:00 p. m.—Program by Alma Frances Gordon, contralto, and Lilyan Ariel, pianist.
- 10:00 p. m.—Packard Ballad Hour; Harry Row, baritone; Ruth and Dolores Palethorpe.

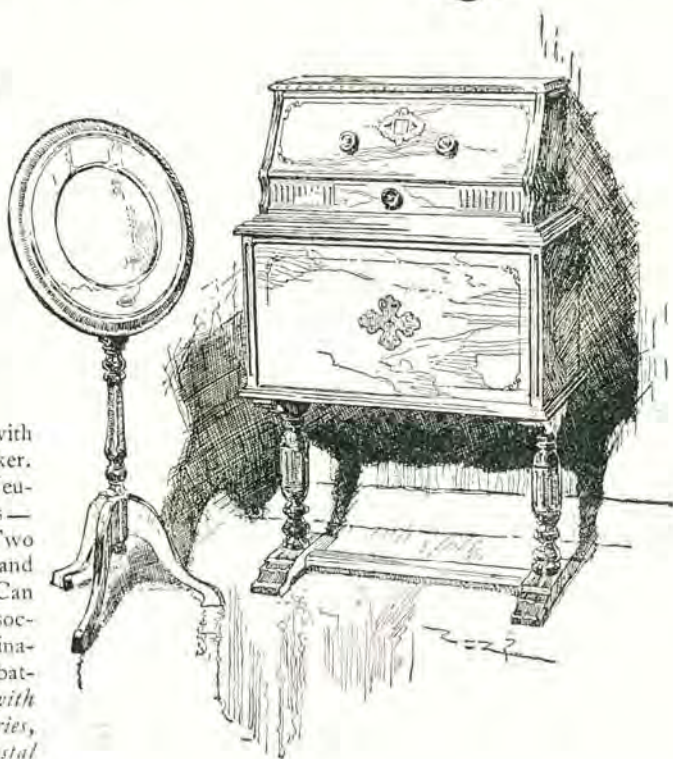
SATURDAY, FEBRUARY 26—

- 7:30 p. m.—Scott Blakeley, Scotch comedian.
- 8:00 p. m.—Mission Bell O Orchestra, Pryor Moore director; Will Garroway, concert pianist; James Burroughs, in a program by the Los Angeles Soap Company, broadcast simultaneously by KFI, Los Angeles, and KPO, San Francisco.
- 9:00 p. m.—Emma Kimmel, soprano; Marco Lanier, tenor; Frank Heller, baritone.
- 10:00 p. m.—Packard Radio Club; Esther Walker, pianist; Red Wyatt and his uke; LeRoy
- 11:00 p. m.—KFI Midnight Frolic; Virgil Ray's Winter Garden Orchestra; Mosby's Dixieland Blue Blowers, and soloists.

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7:30 p. m.—Scripture Reading.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

- 10:00 a. m.—Sermon from KHJ studio by Dr. S. D. Hutsinpillar, resident minister of Wilshire M. E. Church.
10:30 a. m.—Morning service from the First M. E. Church. Sibley Pease, organist.
7:00 to 8:00 p. m.—Evening services from the First M. E. Church.
8:00 to 10:00 p. m.—News items. Program presenting Frederick MacMurray, viola; Burr McIntosh, "Cheerful Philosopher"; Louise Miller, pianist, and others.

MONDAY, FEBRUARY 21—

Silent all day except for weather report and news items at 8:00 p. m.

TUESDAY, FEBRUARY 22—

- 2:30 p. m.—Bridge game.
6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
6:30 to 7:30 p. m.—Children's program, presenting Queen Titania and her Sandman, Charles D. McRoy's Playgroup Harmonica Band, Charles Leslie Hill, "Honey Boy"; Baby Jeanette James, 5-year-old reader.
7:40 p. m.—H. M. Robertson, "Dogs."
8:00 to 9:00 p. m.—Women's Press Club of Southern California.
9:00 to 10:00 p. m.—Musical program.

WEDNESDAY, FEBRUARY 23—

- 2:30 p. m.—Fred McNabb, "Garden Talk."
6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
6:30 to 7:30 p. m.—Children's program: Lois Jane Campbell, "Brown Eyes"; Patricia Eccleston, "Little Daffodil"; Vivian Marple, "Blue Bell"; Dick Winslow, Juvenile Reporter; Glenn Filtz, "Optimistic Mascot"; Viola Essen, "B. B.," and others.
7:40 p. m.—Dr. Mars Baumgardt.
8:00 to 10:00 p. m.—Studio program.
9:00 p. m.—George B. Chase will talk on "The Public Library."
9:00 to 10:00 p. m.—Program by Selwyn Harris Studio.
10:00 to 11:00 p. m.—Jinniatan Vale Orchestra.

THURSDAY, FEBRUARY 24—

- 6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
6:30 to 7:30 p. m.—Children's program: Dickie Brandon, reader; June Brandon, contralto; Jeanne DeBard, "Bonnie Jeanne"; Joyce Coad, "Little Red Riding Hood"; Rosetta Lewin, "Curly Locks"; Billie Moore, 11-year-old reader, and Doris Short, songs.
7:40 p. m.—Dr. Philip M. Lovell.
8:00 to 10:00 p. m.—News items. Zoellner Quartet; Leo H. Sansiper, Russian baritone; Louise Miller, pianist; talk by Arthur Edwin Wake.
10:00 to 11:00 p. m.—Glenn Edmunds and his Varsity Orchestra.

FRIDAY, FEBRUARY 25—

- 6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
6:30 to 7:30 p. m.—Children's program: Roberta Bush, "Firefly"; Collins Twins, vocal duets; David Durand, "Little Blue Boy"; Henrietta Poland, "Little Forget-Me-Not"; Richard Headrick, "Little Minister," and Nathan Kleinberger, violinist, and others.
8:00 to 9:00 p. m.—Dot Street, soprano; Grace Currey, harpist.
9:00 p. m.—International talk.
9:00 to 10:00 p. m.—Program by Bob Garrett's Harmony Boys.

SATURDAY, FEBRUARY 26—

- 6:00 to 6:30 p. m.—KHJ Trio and J. Walter Leopold.
6:30 to 7:30 p. m.—Children's program: Nona Clapp, "Sunshine Fairy"; Dolly Wright, "Dolly of Radioland"; Arthur Stevens, "King Arthur"; Marjorie Genevieve Lowe, "June Bug"; Clark Paschal, saxophone solo; Bernice Goldman, piano; Garnet Goldman, violinist.
8:00 to 9:00 p. m.—News items. Los Angeles Hawaiian Quartet; Mr. and Mrs. Benjamin Sears, old-time fiddler; E. A. Mulford, "Dixie Dan."
9:00 to 10:00 p. m.—Popular program.

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DAILY EXCEPT SUNDAY—

- 8:00 a. m.—Inspirational talk and morning prayer.
8:15 a. m.—Time signals from Washington, D. C. followed by
Birthday notices.
9:00 a. m.—Radio Shopping News, conducted by Carey Preston
Rittenmeister.
10:00 a. m.—Town Crier of the Day and his pals.
10:30 a. m.—Kate Brew Vaughn, Director Household Economics Dept., Evening Express,
except Friday and Saturday.
12:00 noon—Magnavox Radio Orchestra, George Redman, director.
12:30 p. m.—W. F. Alder Travelogue.
1:30 p. m.—The Book Worm.
2:00 p. m.—George Redman's Concert Orchestra playing from Leighton's Arcade Cafeteria
4:00 p. m.—Lost and Found Column.
4:55 p. m.—Market reports.
5:00 to 5:45—"Optimist Daily Message."
5:45 p. m.—The Town Tattler.
6:00 to 6:30 p. m.—Biltmore Concert Orchestra.
6:30 p. m.—Dinner hour concert, presenting the Yale Radio Battery Orchestra.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

- 10:00 a. m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.
2:00 to 4:00 p. m.—City Park Board musical program.
4:00 p. m.—Roberts' Golden State Band.
5:15 p. m.—Wilshire All-Souls Church.
6:30 p. m.—Hollywood Unitarian Church.
7:00 p. m.—First Presbyterian Church of Hollywood, Rev. Stewart P. MacLennan.
8:00 p. m.—Circle Theater Concert Orchestra and organ recital.
9:00 to 10:30 p. m.—Los Angeles Flute Club Program.

MONDAY, FEBRUARY 21—

- 3:00 p. m.—First Presbyterian Church of Hollywood.
7:00 p. m.—Birkel Music Company, courtesy program.
7:30 p. m.—Playlet, courtesy Overell Furniture Company.
8:00 p. m.—L. W. Stockwell Company, courtesy program.
9:00 p. m.—B. F. Goodrich Rubber Company of Akron, Ohio.
10:00 p. m.—KNX Feature program.
11:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra.

TUESDAY, FEBRUARY 22—

- 3:00 p. m.—Combined program of Police and Fire Department.
4:00 p. m.—Radio Matinee, with Louise Howatt, contralto.
7:00 to 9:00 p. m.—Feature program.
9:00 p. m.—Western Auto Supply Company, courtesy program.
10:00 p. m.—Hotel Ohmbassador, Gus Arnheim's Coconut Grove Orchestra.

WEDNESDAY, FEBRUARY 23—

- 3:00 p. m.—Paul Hugon.
4:00 p. m.—Edward Murphy in "What Have you?"
7:00 p. m.—Birkel Music Company, courtesy program.
7:30 p. m.—Feature program.
8:00 p. m.—Security Trust & Savings Bank.
9:00 p. m.—Broadway Departmenta Store program.
11:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra.

THURSDAY, FEBRUARY 24—

- 11:00 a. m.—Nature talk, courtesy Marvel Ant Gelatine Company.
7:00 p. m.—Organ recital, courtesy of the Overell Furniture Company.
9:00 to 11:00 p. m.—Feature program.
11:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra.

FRIDAY, FEBRUARY 25—

- 3:00 p. m.—Los Angeles District Federation of Women's Clubs musical program
4:00 p. m.—Boy Scouts' musical program.
7:00 p. m.—Feature program.
8:00 p. m.—Davis Perfection Bread Company, courtesy program.

SATURDAY, FEBRUARY 26—

- 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 to 10:00 p. m.—Feature program.
10:00 p. m.—Hotel Ambassador, Gus Arnheim's Coconut Grove Orchestra.
11:00 p. m.—KNX Frolic from the main studio.

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DAILY EXCEPT SUNDAY—

12:30 to 1:30 p. m.—Classified Hour.
5:40 to 6:00 p. m.—Beauty talk.
6:00 to 7:00 p. m.—Pontiac Six Dinner Hour
10:00 to 11:00 p. m.—Musical program from Mayfair Hotel.
11:00 to 12:00 p. m.—Dance music from El Patio Ballroom.
MONDAY, TUESDAY AND WEDNESDAY—
5:00 to 5:40 p. m.—Children's Hour.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

2:00 to 3:00 p. m.—Organ recital, world's mightiest organ, located in Roosevelt Memorial Park.
8:30 to 9:00 p. m.—Program by courtesy of the Southern California Music Company.
9:00 to 11:00 p. m.—Warner Bros.' Frolic: Frances St. George, Albert Keglovich, Harmony Girls, Edwin Sonntag, Jackie Lucas, LeRoy Kullberg, Harry G. Keiper and his Movieland Orchestra.

MONDAY, FEBRUARY 21—

7:00 to 8:00 p. m.—Program by courtesy of the J. N. Pyles National Detective Service.
8:00 to 9:00 p. m.—Bill Henry, popular songs; Ruth Michelson, blues songs.
9:00 to 10:00 p. m.—Charles Beauchamp, tenor; Warner Bros.' European Novelty Orchestra.

TUESDAY, FEBRUARY 22—

4:45 to 5:00 p. m.—Dr. L. P. Clark, on "Diet."
7:00 to 7:30 p. m.—Program by courtesy of the Southern California Music Company.
7:30 to 8:00 p. m.—Warner Bros.' Orchestra.
8:00 to 9:00 p. m.—Johnny Harrison, popular songs; Helen Waltenberg, ballads; Dan Santos' Hawaiian Trio.
9:00 to 10:00 p. m.—Byrle Colby, Geo. Goodkins, Warner Bros.' String Trio.

WEDNESDAY, FEBRUARY 23—

7:00 to 7:30 p. m.—Thirty Minutes of Sunshine, by Charles W. Hamp, for the Iona Company.
7:30 to 8:00 p. m.—Warner Bros.' Orchestra.
8:00 to 9:00 p. m.—LeRoy Kullberg and his ukulele, Virginia King.
9:00 to 10:00 p. m.—Ina Mitchell Butler, ballads; Elmer Bramel, tenor.

THURSDAY, FEBRUARY 24—

7:00 to 7:30 p. m.—Program by courtesy of the Southern California Music Company.
7:30 to 8:00 p. m.—Warner Bros.' Orchestra.
8:00 to 9:00 p. m.—Adolph Treusch, popular songs; Ruth Michelson, blues songs.
9:00 to 10:00 p. m.—Evelyn Little Shearill, John Rumbles, Warner Bros.' String Trio.

FRIDAY, FEBRUARY 25—

7:00 to 7:30 p. m.—Warner Bros.' Orchestra; Inez King, popular songs.
7:30 to 8:00 p. m.—Program by courtesy of the La Vina Investment Company.
8:00 to 9:00 p. m.—Miss Eddie Graham and her ukulele, Perry Epperson.
9:00 to 9:45 p. m.—Melody Makers' period.
9:45 to 10:00 p. m.—Studio chatter, followed by daily news.

SATURDAY, FEBRUARY 26—

7:00 to 8:00 p. m.—Carl Dye and his Melody Makers; Harry Monahan, popular songs.
8:00 to 9:00 p. m.—Program by courtesy of the Mona Motor Oil Company.
9:00 to 10:00 p. m.—Leanore Colton, soprano; Charles Beauchamp, tenor.

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7:30 to 8:00 a. m.—J. C. Casey in Setting-up Exercises.
12:00 to 12:30 p. m.—Leighton's Arcade Cafeteria Orchestra.
1:30 to 2:30 p. m.—Radio Press Hour.
2:30 to 4:00 p. m.—Palais de Dance.
4:00 to 4:15 p. m.—Vacation Days.
5:00 to 5:30 p. m.—Home Hour.
5:30 to 6:00 p. m.—Leighton's Arcade Orchestra.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

5:30 to 6:15 p. m.—White King Male Quartet, courtesy Los Angeles Soap Co.
6:00 to 6:15 p. m.—Nightly Doings.
6:30 to 7:00 p. m.—Leila Castberg's Half Hour, "Enlightened Selfishness."
7:00 to 8:00 p. m.—Miller's Lafayette Cafe Concert Orchestra.
8:00 to 9:30 p. m.—Concert Period. Jack Cronshaw's Orchestra.

MONDAY, FEBRUARY 21—

7:30 to 8:00 p. m.—Lavine Investment Company, courtesy program.
8:00 to 9:00 p. m.—Eureka Vacuum Cleaner Company program.
9:00 to 10:00 p. m.—Precision Electric Company, courtesy program.
10:00 to 11:00 p. m.—Miller's Lafayette Cafe Dance Orchestra.
11:00 to 12:00 p. m.—Palais de Danse, with Ralph Markey and his Musical Keys.

TUESDAY, FEBRUARY 22—

10:00 to 10:15 a. m.—Fifteen Minutes of Sunshine by Charles Hamp.
10:15 to 10:45 a. m.—Dr. T. J. Coulter, "Dogs and Cats."
10:45 to 11:00 a. m.—Georgia O. George, "Physiology and Psychology of Beauty."
11:00 to 12:00 noon—Mme. Alene's Talk.
7:30 to 8:00 p. m.—Campbell and Ginder courtesy program.
8:00 to 9:00 p. m.—Maxwell House Coffee Orchestra and assisting artists.
9:00 to 10:00 p. m.—Precision Electric Company, courtesy program.

WEDNESDAY, FEBRUARY 23—

10:00 to 10:30 a. m.—Dr. Charles Watson, acting pastor of the Hollywood Christian Church.
4:30 to 5:00 p. m.—Dr. Wesley M. Barrett, "Perfect Eye Sight without Glasses."
8:00 to 9:00 p. m.—Safeway Stores courtesy program.
9:00 to 10:00 p. m.—Sponsored program.

THURSDAY, FEBRUARY 24—

10:00 to 10:15 a. m.—Fifteen Minutes of Sunshine by Charles Hamp.
10:15 to 10:45 a. m.—Dr. Paul J. Dorosh, the Diet Question Box.
7:30 to 8:00 p. m.—Winslow B. Felix, Chevrolet courtesy program.
8:00 to 10:00 p. m.—Ruth Roland night.

FRIDAY, FEBRUARY 25—

1:00 to 1:30 p. m.—H. L. Copson Body and Top Works courtesy program.
7:30 to 8:00 p. m.—Thirty Minutes of Sunshine by Charles Hamp.
8:00 to 9:00 p. m.—Alta Club Ginger Ale program.
9:00 to 10:00 p. m.—Income Realty and Construction Company courtesy program.

SATURDAY, FEBRUARY 26—

10:00 to 10:15 a. m.—Charles Hamp, director of Radio activities for the Iona Company.
7:30 to 7:40 p. m.—Sheriff's Office, Bureau of Public Relations.
7:40 to 8:00 p. m.—KMRT Movie Club program.
8:00 to 10:00 p. m.—Movieland night.

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8:00 to 8:30 a. m.—Devotional Hour.
2:00 to 3:00 p. m.—Inspirational Hour.

DAILY EXCEPT FRIDAY AND SUNDAY—

7:15 to 8:00 p. m.—Aunt Martha's Children's Hour.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

10:30 a. m. to 12:30 p. m.—Regular service of the Church of the Open Door.
6:00 to 7:00 p. m.—Radio Vesper service. Sermon by Rev. A. S. Reitz.
7:15 to 9:30 p. m.—Regular evening service of the Church of the Open Door. Sermon by Dr. John McNeill.

MONDAY, FEBRUARY 21—

8:00 to 9:00 p. m.—Rev. James H. Hutchins will lecture.

TUESDAY, FEBRUARY 22—

8:30 to 9:00 p. m.—Dr. W. E. McCullough will lecture.

WEDNESDAY, FEBRUARY 23—

9:00 to 9:30 a. m.—Sylvia's Rainbow Hour.
8:00 to 9:00 p. m.—Dr. John McNeill will lecture.

THURSDAY, FEBRUARY 24—

8:00 to 9:00 p. m.—Rev. A. S. Reitz will lecture.

FRIDAY, FEBRUARY 25—

9:00 to 9:30 a. m.—Sylvia's Rainbow Hour.
8:00 to 9:00 p. m.—Dr. John McNeill will lecture.

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DAILY EXCEPT SUNDAY AND MONDAY—

10:30 to 11:30 a. m.—Sunshine Hour.
11:30 a. m. to 12:30 p. m.—Noonday Musical.
6:30 to 7:30 p. m.—Angelus Hour.

DAILY EXCEPT SUNDAY, MONDAY, WEDNESDAY, SATURDAY—

2:30 to 3:30 p. m.—Gray Studio Program.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

10:30 to 12:30 p. m.—Sunday morning worship, Evangelist A. G. Garr.
2:30 to 4:30 p. m.—Afternoon Dispensational service by A. G. Garr.
6:30 to 8:00 p. m.—Musical Hour. Angelus Temple Band and Choir.
8:00 to 9:00 p. m.—Revival service by A. G. Garr.
10:00 to 11:00 p. m.—Organ recital by Esther Fricke Greene.

TUESDAY, FEBRUARY 22—

3:30 to 4:30 p. m.—Vesper Hour. Organ recital by B. Earnest Ballard.
7:30 to 9:30 p. m.—Evangelistic service by student evangelists.

WEDNESDAY, FEBRUARY 23—

2:30 to 5:30 p. m.—Divine Healing Service by A. G. Garr.
7:30 to 9:30 p. m.—Regular mid-week prayer service by A. G. Garr.

THURSDAY, FEBRUARY 24—

3:30 to 4:30 p. m.—Vesper Hour. Organ recital by B. Earnest Ballard.
7:30 to 9:30 p. m.—Regular Water Baptismal service. A. G. Garr.
9:15 to 10:00 p. m.—Gray Studio Program.
10:00 to 11:00 p. m.—Organ recital by Esther Fricke Greene.

FRIDAY, FEBRUARY 25—

3:30 to 4:30 p. m.—Vesper Hour. Organ recital by Esther Fricke Greene.
7:30 to 9:30 p. m.—Crusader Rally. Sermon by A. G. Garr.
10:00 to 11:00 p. m.—Back Home Hour.

SATURDAY, FEBRUARY 26—

3:30 to 4:30 p. m.—The Children's Happy Hour.
7:30 to 9:30 p. m.—Divine Healing Service conducted by A. G. Garr.

Program Published as Submitted by the Station.



The Layerbilt patented construction revealed.

Eveready Layerbilt "B" Battery No. 486.

This is the Heavy-Duty battery in which the new Layerbilt construction provides greater economy

THERE'S an important discovery in radio economy awaiting all users of loud-speaker sets who have been buying the smaller Light-Duty "B" batteries instead of the large Heavy-Duty size required by such sets. Because the Light-Duty batteries cost somewhat less to buy they seem like an economy, but the surprising fact is that the Eveready Layerbilt No. 486 lasts more than twice as long though it does not cost anywhere near twice as much. It is, therefore, much more economical—we believe it to be the most economical "B" battery ever built.

Eveready Layerbilt's remarkable life is due to its unique construction. All other dry cell "B" batteries are assembled of cylindrical cells, with much waste space between them.

Several years ago we struck boldly out, away from this tradition, seeking a better method. We wanted to avoid waste space, minimize soldering, and get more current and longer life. The Eveready Layerbilt is the result.

This patented, exclusive battery is built in layers of flat current-producing elements, making automatic connection with each other. Every available inch inside the battery is occupied usefully.

Remember this about "B" batteries: All loud-speaker sets require Heavy-Duty batteries, and the Eveready Layerbilt has proved time and again to be the longest lasting and most economical Heavy-Duty "B" battery.

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New York San Francisco
Unit of Union Carbide and Carbon Corporation



Dave Ward

Hollywood, California—226 Meters

KFQZ

1641 North Argyle Ave., Hollywood, California
 Gladstone 3197; Gladstone 3198
 DAVE WARD, Program Director and Announcer
 L. E. TAFT, Technical Engineer
 "The Palace Bunglow Studio"

DAILY EXCEPT SUNDAY—

12:00 to 1:00 p. m.—Los Angeles Merchants' and Manufacturers' Hour.
 6:00 to 7:00 p. m.—Decker, Diamond and Decker, Hawaiian Trio.
 7:00 to 8:00 p. m.—Musical Hour.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

8:00 p. m.—Aram Galaanian's Orchestra and Al Flanigan, soloist.
 9:00 p. m.—Dave Ward and his Yellow Jackets.

MONDAY, FEBRUARY 21—

7:00 p. m.—Questions and answers by L. E. Taft.
 7:30 p. m.—Joe Kalih'i's Hawaiian Trio, and Kathrine Williamson.
 8:00 p. m.—Semi-classical hour conducted by Myra Belle Vickers.
 9:00 p. m.—Dave Ward and his Yellow Jackets, L. A. Railway Quartet, Wendel Smith and Virginia King, accompanied by Mable King.

TUESDAY, FEBRUARY 22—

7:30 p. m.—Wilshire Ionico lecture.
 8:00 p. m.—Re broadcast of Eastern Station.
 9:00 p. m.—Police and Firemen, joint program, Officer Robt. E. Tracy.

WEDNESDAY, FEBRUARY 23—

8:00 p. m.—Redel's Orchestra and Art Goodstein.
 9:00 p. m.—Kitty and the Boys; Honeywell Twins, and Helen McCall.
 10:00 p. m.—Dave Ward and his Yellow Jackets, and Virginia King.

THURSDAY, FEBRUARY 24—

7:30 p. m.—Hoot Gibson's Trio, Ed Pose and Ruth Rayon.
 8:00 p. m.—Paramount Dance Orchestra, Ned Miller and Mary Chappel.
 9:00 p. m.—Dave Ward and his Yellow Jackets, Ruth Michelson and Royal Wallace.

FRIDAY, FEBRUARY 25—

7:30 p. m.—Wilshire Ionico lecture.
 8:00 p. m.—Alexander Drankoff program.
 9:00 p. m.—Dave Ward and his Yellow Jackets; Pat Lee and Helen McCall.

SATURDAY, FEBRUARY 26—

8:00 p. m.—Silver String Glendallians, and Ruth Donigan, soloist.
 9:00 p. m.—Los Angeles Railway Orchestra, and Don Stevens.
 Signing off nightly at 11 p. m.

E. C. Huskabe
Announcer

Los Angeles, Calif.—517 Meters

KGEF

1000 WATTS—580 KILOCYCLES
 TRINITY METHODIST CHURCH
 BOB SHULER, Pastor
 Phone BRoadway 1000
 C. C. HOOPER, Manager
 M. J. HANKINS, Technician

SUNDAYS—

10:50 a. m. to 12:15 p. m.—Morning services.
 5:00 to 6:00 p. m.—Vesper hour.
 7:15 to 9:00 p. m.—Evening services.
 9:00 to 10:00 p. m.—Old Hymns Songfest.
 10:00 p. m.—Family Altar service.

WEDNESDAYS—

6:00 to 7:00 p. m.—Children's hour.
 7:00 to 7:45 p. m.—Conrey's Bible Class.
 7:45 to 8:45 p. m.—Studio musical program.
 8:45 to 9:15 p. m.—Question hour.

FRIDAYS—

7:00 to 7:30 p. m.—Radio Bible Class.
 7:30 to 8:00 p. m.—Studio musical program.
 8:00 to 8:30 p. m.—Civic half hour.
 8:30 to 9:30 p. m.—Southern California Holiness Association.

Program published as submitted by the station.

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Service*



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GEORGE FRENGER
Announcer

Pasadena, California—315.6 Meters

KPSN

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1000 WATTS—950 KILOCYCLES
GEORGE CECIL COWING, Managing Director
GEORGE FRENGER, Program Manager
HERSHEL SATTERFIELD, Engineer-in-Charge
PERCY C. PRYOR, Studio Office
Phone, Wakefield 3111

DAILY EXCEPT SUNDAY—

12:00 to 12:15 p. m.—News Bulletin.

6:00 to 7:00 p. m.—Dinner-time news report.

WEEK COMMENCING SUNDAY, FEBRUARY 13, 1927

SUNDAY, FEBRUARY 13—

10:30 a. m.—Family Altar Service by the United Church Brotherhoods.

11:00 a. m.—Services from the Pasadena Presbyterian Church.

6:00 to 7:00 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

MONDAY, FEBRUARY 14—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

TUESDAY, FEBRUARY 15—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

THURSDAY, FEBRUARY 17—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

FRIDAY, FEBRUARY 18—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

SATURDAY, FEBRUARY 19—

8:00 to 9:15 p. m.—Star-News concert, with Adolf Tandler and the Ensemble.

Program Published as Submitted by the Station.

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Will Place a
MAJESTIC "B"
Current Supply in
Your Home
then \$1 a week

\$5 Down—

Will Place a
PHILCO "A and B"
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Home
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HIGHLY POLISHED 200 CABINETS LOW PRICES

\$25 Consoles\$5.95 \$15 Hi-Grade Cabinets.....\$4.95
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COME EARLY—AS IS—AVOID THE RUSH

HARSHA TRICKLE CHARGERS \$7.50

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\$10 Brandes Phonograph Unit \$4.95

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Los Angeles

OPEN EVENINGS

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JACK DUCKWORTH
Announcer

Inglewood, California—387 Meters

KMIC

500 WATTS—775 KILOCYCLES

Owned and Operated by JAMES R. FOUCH
Chamber of Commerce Building, Inglewood, Cal.

JACK DUCKWORTH, Announcer

DAILY EXCEPT SUNDAY—

6:00 to 6:30 p. m.—Shoppings news, with Victor Electrola Review

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

11:00 a. m. to 12:15 p. m.—Centinela Baptist Church;

MONDAY, FEBRUARY 21—

6:30 to 7:00 p. m.—Donald Miner, tenor; Bob Wallace, Scotch tenor; Carrol Agnue, pianist.

7:00 to 8:00 p. m.—Program through the courtesy of the Lambert Sales Company.

8:00 to 8:30 p. m.—Program through the courtesy of Geo. M. Sutton, Ford dealer, with Evie and Peggy, Harmony; Donald Miner, tenor; Martin Wallace Orchestra.

8:00 to 10:00 p. m.—Studio program, with Neva Negus, whistler; Madeline Lux, soprano; Evie and Peggy, harmony; Don Miner, tenor; Geraldine Gordon, female baritone.

TUESDAY, FEBRUARY 22—

6:30 to 6:45 p. m.—California Health Chautauqua, Care of the Body.

6:45 to 7:00 p. m.—Program through the courtesy of Will McMahon, factory representative of the Skinner Mfg. Co. of Omaha, Neb.

7:00 to 8:00 p. m.—Program through the courtesy of the Reiman Electric Co., with the KMIC Trio: Francis Forster, violin; Emerson Johnston, 'cello; Nell Larson, piano; Gordon Garrett, pianist; Don Miner, tenor.

8:00 to 10:00 p. m.—Studio program with Bill Hatch and his orchestra; Peggy Mathews, Blues; June Parker, Blues; Abe Jacobson, Bed Time stories.

WEDNESDAY, FEBRUARY 23—

6:30 to 7:00 p. m.—Program through the courtesy of the Kroehler Mfg. Co., with Martin Wallace Orchestra; Geraldine Gordon, baritone; Sherman Hunter, tenor; Edna Cook, Blues.

7:30 to 8:00 p. m.—Program through the courtesy of the Reliable Radio Sales & Service Co.

8:00 to 10:00 p. m.—Studio program with either the L. A. Railway String Quartet or Orchestra; Louise White, soprano; Fredric Johnston, tenor; Baker Sisters, harmony numbers.

THURSDAY, FEBRUARY 24—

6:30 to 7:00 p. m.—Studio program with Walter Smith, Tenor of the Oil Fields; Ethyl Smith, uke and songs; Carroll Ognue, pianist.

7:00 to 7:30 p. m.—Program through the courtesy of the Pardee Electric Co., with the Six Syncopaths; Robert King, tenor; Ethyl Smith, uke and songs; Carroll Agnue, pianist.

7:30 to 8:00 p. m.—Program through the courtesy of the Inglewood Furniture Company, with the Six Syncopaths; Robert King, Ethyl Smith, uke and songs; Walter Smith, tenor.

8:00 to 10:00 p. m.—Studio program with Wes Woodford and his Bachelor Four; Evie and Peggy, harmony.

FRIDAY, FEBRUARY 25—

6:30 to 7:00 p. m.—Malloy-Clint Pharmacy courtesy program; with Edna Cook, Blues; Geraldine Gordon, baritone; Sherman Hunter, tenor; Carrol Agnue, pianist.

7:00 to 7:30 p. m.—Studio program with Don Miner, tenor; Geraldine Gordon, baritone; Edna Cook, Blues.

7:30 to 8:00 p. m.—Skinner Mfg. Co. courtesy program.

8:00 to 10:00 p. m.—Studio program with Lembke's Radio Boys; Baker Sisters, harmony; Sherman Hunter, tenor; Florence Warren, soprano.

10:00 p. m.—American Legion Frolic. Fun for all.

SATURDAY, FEBRUARY 26—

6:30 to 8:00 p. m.—Studio program with Martin Wallace Orchestra; Bud Riley, tenor guitar; Ethyl Smith, uke and songs; Moriss Sisters, harmony.

8:00 to 10:00 p. m.—Studio program with Bill Livingston and his orchestra; Neva Negus, whistler; Robert King, tenor; Earl Dowding, Evie and Peggy, harmony.

Program Published as Submitted by the Station.



24

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NEWBERY ELECTRIC CORP.

726 South Olive Street
Los Angeles, California



TOM MITCHELL
Announcer

Santa Monica, California — 238 Meters

KNRC

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Municipal Auditorium, Ocean Park, Santa Monica,
Calif. Phone Santa Monica 63-101.
TOM MITCHELL, Studio Manager and Announcer.
C. B. JUNEAU, Transmission Engineer.

"The Station with a Smile"

DAILY EXCEPT SUNDAY—

6:00 p. m.—Merchants Review.

6:30 to 7:30 p. m.—Club Casa Del Mar organ recital. Remote control.

7:30 p. m.—Merchants Review.

10:00 to 11:00 p. m.—Club Casa Del Mar Orchestra. Remote control.

DAILY EXCEPT MONDAY—

8:00 to 9:00 p. m.—Band Concert.

11:30 p. m.—Band Concert.

WEEK COMMENCING MONDAY, FEBRUARY 21, 1927

MONDAY, FEBRUARY 21—

4:15 p. m.—Brother Tom and Smiling Circle.

8:00 to 10:00 p. m.—Lee Young Jr. and his Gables Club Orchestra, Smiling Harvey Porter, Dorothy and Dawn Smith.

TUESDAY, FEBRUARY 22—

4:15 p. m.—Brother Tom and his Smiling Circle.

9:00 p. m.—Sherman Hunter, tenor; Georgia Williams Trio.

WEDNESDAY, FEBRUARY 23—

4:15 p. m.—Smiling Circle with Brother Tom.

8:00 p. m.—Pirate Band, Albert Broad, tenor.

THURSDAY, FEBRUARY 24—

4:00 p. m.—Brother Tom and his Smiling Circle.

9:00 p. m.—Red Wyatt, Golda Anderson Trio, Margaret Bechtel, Erma Reed.

10:00 p. m.—Club Casa del Mar Orchestra, by remote control through KNRC.

FRIDAY, FEBRUARY 25—

4:00 p. m.—Brother Tom and his Smiling Circle.

9:00 p. m.—Los Angeles Railway String Quartet and Band.

SATURDAY, FEBRUARY 26—

4:15 p. m.—Brother Tom and his Smiling Circle.

9:00 p. m.—K and R Program.

11:00 p. m.—Gables Club Orchestra by remote control.

SUNDAY, FEBRUARY 27—

10:45 p. m.—Pilgrim Lutheran Church services by remote control through KNRC.

5:15 p. m.—The Pirate Band.

6:15 p. m.—Pilgrim Lutheran Church service.

7:00 p. m.—Club Casa del Mar Organ Recital.

8:00 p. m.—Municipal Band Concert.

9:00 p. m.—Club Casa del Mar Recital.

Program Published as Submitted by the Station.

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST

PALMER RADIO LABORATORY

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SUPER-HETERODYNES AND INFRADYNES

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*Los Angeles, California,
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4529 S. Vermont Ave.,
Los Angeles, Calif.*

Gentlemen:

About three months ago I had you construct for me one of those Infradyne Receivers, and I am so well pleased with the results I get from it that I just have to write to you about it. For a selective set, I haven't seen anything to equal it. As for tone quality and ease of operation, I can't say enough. I have had several sets in my home, but this is without a doubt the best yet. My location is supposed to be rather poor for good reception, but I find no difficulty at all in bringing in distant stations while our locals here are on the air. I can recommend this to anyone wanting a REAL set, and at the same time I will see that you get the job of hooking it up, for your work in every respect has been most satisfactory.

Very truly yours,

*J. P. GOOLEY,
Ninth and Burlington Sts.*

We can do the same for you. Call upon us and let us demonstrate this remarkable set.

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4529 S. Vermont Ave.

VERmont 7883

Los Angeles



Leo T. Cleary
Announcer

Venice, California—205 Meters

KFVD

500 WATTS
McWHINNIE ELECTRIC CO., Venice Ballroom,
Venice Calif. Phone 65959 or 65950
Station Manager, W. H. WHITE.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

10:00 to 12:00 midnight—Venice Ballroom Orchestra.

MONDAY, FEBRUARY 21—

8:30 to 9:00 p. m.—Harry Dinowitz, violinist; George Thiroux, ukulele artist.

9:00 to 10:00 p. m.—Melba Lyon, KFDV girl, and others.

10:00 to 12:00 p. m.—The Venice Ballroom Orchestra, followed by The Ship Cafe Frolic.

8:00 to 10:00 p. m.—Studio Program, featuring Dale Fulton, violinist; Lila Fulton, piano; Gee Thiroux, popular songster; Roy Davis, whistler; Fred Wesley, tenor, and others.

TUESDAY, FEBRUARY 22—

8:00 to 10:00 p. m.—Studio Program; Harry Dinowitz, violinist; Virginia Reese, Pianist; the Zerich Family Orchestra; Mr. Henning Banjo Orchestra.

WEDNESDAY, FEBRUARY 23—

8:00 to 10:00 p. m.—Jack Pope's Californians; Gee Thiroux, tenor; Elizabeth Swan, piano; Eddie Mills, 14 strings of Harmony; Bob Davis, baritone.

THURSDAY, FEBRUARY 24—

8:00 to 10:00 p. m.—Miss Usher, astrologer; The Ancient Trio, their combined ages, 243 years; Geraldine Gordon, female baritone; Art Forbes and his Black Cat Syncopaters.

FRIDAY, FEBRUARY 25—

8:00 to 10:00 p. m.—Claude Bond, piano and accordion; Morris Lenksy, Russian baritone; Dr. Delivante, pianist; Louis Lucich, Slavonian tenor; Bessie Fletcher, soprano, and the Californian Colonials Band.

SATURDAY, FEBRUARY 26—

8:00 to 10:00 p. m.—Eddie Mills' 14 Strings of Harmony; St. Elmo Russell, piano accordion. Program by the Bureau of Public Safety of the Los Angeles Police Department.

1:00 to 2:00 a. m.—Harry Judson Entertainers' Hour.

Program Published as Submitted by the Station.

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST



Major Lawrence Mott
Announcer

Avalon, California—211.1 Meters

KFWO

THE ISLAND STATION
Power 250 Watts—Western Electric Equipment
"Katalina for Wonderful Outings"
MAJOR LAWRENCE MOTT, Owner-Operator
MISS FRANCES HEWITT, Studio & Program Dir.
"The Isle With a Smile"

WINTER SCHEDULES AT KFWO

The Mott Station at Catalina Island, California
(In Effect Week of Sept. 20th)

DAILY EXCEPT MONDAY—

12:30 to 1:30—Hotel St. Catherine Orchestra.

6:30 to 8:00—St. Catherine Orchestra.

DAILY EXCEPT MONDAY, THURSDAY AND SUNDAY—

6:00 to 6:30—Studio.

MONDAYS: Silent.

TUESDAYS: 5:00 to 6:00—Miss Hewitt's Golden Hour.

6:00 to 8:00—Studio.

WEDNESDAYS: 8:00 to 9:00—Studio Program.

9:00 to 12:00 Midnight—Overseas.

THURSDAYS: 8:00 to 9:00—Studio Program.

FRIDAYS: 5:00 to 6:00—Miss Hewitt's Golden Hour.

6:00 to 6:30—Wrigley Chimes.

SATURDAYS: 3:00 to 4:30—Rebroadcast of KNX.

9:15 to 10:00—Studio.

SUNDAYS: 5:00 to 6:00—Miss Hewitt's Golden Hour.

6:00 to 6:30—Wrigley Chimes.

8:00 to 9:15—Lobby Concert.

Victor Electrola used during all programs.

Program Published as Submitted by the Station.

You Can Have Up to 160 Volts "B" Power With This Unit

*No Tubes to
Replace*

*Will Operate Sets
Using Power
Tubes*

*Plug Can Be Left
Permanently in
Socket*



*Full Regulation
for Amplifier
Voltages*

*Full Regulation
For Detector
Voltages*

*There Are Only
Four Connections
to Make*

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Your house lighting current is transformed into your "B" power with this Willard Unit. Not only does it supply ample power for the set but it does it free from hum or distortion.

Pleasing in appearance and with all connections plainly marked, this unit will appeal to those who want quality reception combined with ease of operation.

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Announcer

Long Beach, California—233 Meters

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Phones: 617-19, 614-60

HAL G. NICHOLS, Manager and Studio Director

"Where Your Ship Comes In"

DAILY EXCEPT SUNDAY—

- 10:15 to 10:30 a. m.—"Devotion Period."
- 11:30 a. m. to 12:30 p. m.—Prizma Hour.
- 4:00 to 4:30 p. m.—Press-Telegram Late News.
- 5:00 to 6:00 p. m.—KFON Concert Orchestra.
- 6:00 to 6:50 p. m.—Organ Recital from State Theater.
- 6:50 to 7:00 p. m.—Pacific Land Co.'s Travelogue.
- 9:00 to 10:00 p. m.—"The Hour De Luxe."

DAILY EXCEPT SUNDAY AND MONDAY—

- 2:30 to 4:00 p. m.—Municipal Band Concert.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

- 3:20 to 4:00 p. m.—Long Beach Municipal Band.
- 4:00 to 5:00 p. m.—Vesper Hour.
- 5:00 to 6:00 p. m.—KFON Concert Orchestra, sponsored by Long Beach business men.
- 6:00 to 6:20 p. m.—Birkel Music Company piano recital, featuring Weber Duo-Art.
- 6:20 to 6:55 p. m.—KFON Concert Orchestra.
- 6:55 to 7:00 p. m.—Pacific Land Company's Travelogue, by W. H. Baymiller.
- 7:00 to 7:45 p. m.—Fountain Club Cafe Orchestra.
- 7:45 to 9:00 p. m.—Services from First Church of Christ, Scientist, by remote control.
- 9:00 to 12:00 p. m.—"Everybody's Night," amateurs and professionals.

MONDAY, FEBRUARY 21—

- 7:00 to 8:00 p. m.—Thrifty Sandy program, sponsored by Citizens State Bank.
- 8:00 to 8:15 p. m.—Lure of the Sky, by Dr. Lewis Thomas.
- 8:15 to 9:00 p. m.—"The Haymakers," featuring old-time dance music.
- 9:00 to 12:00 p. m.—"Kiwans Frolic."

TUESDAY, FEBRUARY 22—

- 7:00 to 7:30 p. m.—Novelty program.
- 7:30 to 8:00 p. m.—"Chat for Booklovers," presented by Hewitt's Bookstore.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 8:10 to 8:20 p. m.—A few minutes with the Announcer.
- 8:20 to 9:00 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 9:00 to 10:00 p. m.—"The Hour de Luxe."
- 10:00 to 11:00 p. m.—Majestic Ballroom Orchestra, by remote control.
- 11:00 to 12:00 p. m.—Capitol Theatre organ recital, by remote control.

WEDNESDAY, FEBRUARY 23—

- 7:00 to 8:00 p. m.—Pacific Coast Club Orchestra, by remote control.
- 8:00 to 8:15 p. m.—"The Woman and the Law," by Herbert Middleditch.
- 8:15 to 9:00 p. m.—Press-Telegram presenting Pacific Coast Club Orchestra.
- 9:00 to 10:00 p. m.—Truck Tire Service program.
- 10:00 to 11:00 p. m.—Pacific Coast Club Orchestra, by remote control.
- 11:00 to 12:00 p. m.—Capitol Theatre organ recital, by remote control.

THURSDAY, FEBRUARY 24—

- 7:00 to 8:00 p. m.—Piggly Wiggly Girls.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 8:10 to 8:20 p. m.—Poly High Evening School, Dick Carlson.
- 8:20 to 8:30 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 9:00 to 10:00 p. m.—Shell Oil Company's Orchestra.
- 10:00 to 11:00 p. m.—Majestic Ballroom Orchestra, by remote control.
- 11:00 to 12:00 p. m.—Capitol Theater organ recital, by remote control.

FRIDAY, FEBRUARY 25—

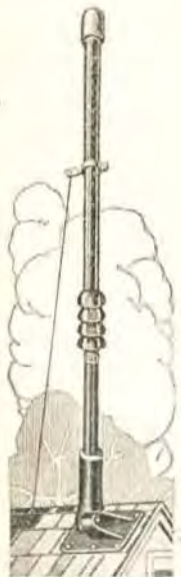
- 7:30 to 7:30 p. m.—Church of Christ, by Rev. Ernest Beam.
- 7:30 to 7:45 p. m.—"A Selina Sizer program."
- 7:45 to 8:00 p. m.—"Lucky Jim" investment chat, by Seaboard Bond & Mortgage Co.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 8:10 to 8:20 p. m.—A few minutes with the Announcer.
- 8:20 to 9:00 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 9:00 to 10:00 p. m.—Gaskill Manufacturing Co. and Missman Radio Company program.
- 10:00 to 12:00 p. m.—Elks' Frolic, Lodge No. 888.

SATURDAY, FEBRUARY 26—

- 7:00 to 8:00 p. m.—Pacific Coast Club Orchestra, by remote control.
- 8:00 to 8:10 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 8:10 to 8:20 p. m.—A few minutes with the Announcer.
- 8:20 to 9:00 p. m.—Press-Telegram presenting Long Beach Municipal Band.
- 9:00 to 10:00 p. m.—Studio program.
- 10:00 to 11:00 p. m.—Pacific Coast Club Orchestra, by remote control.
- 11:00 to 12:00 p. m.—Capitol Theatre organ recital, by remote control.

Program Published as Submitted by the Station.

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U. S. Grant Hotel, 326 Broadway, San Diego. Main 8661
RAYMUND V. MORRIS, President
TOM SEXTON, Announcer

"Kiss From San Diego"

DAILY EXCEPT SUNDAY—

6:00 to 7:00 p. m.—Nightly musical review.

10:00 to 11:00 p. m.—Harvey Ball and his U. S. Grant Hotel Orches

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

3:00 to 4:00 p. m.—Temple service of the Theosophical University

MONDAY, FEBRUARY 21—

7:00 to 8:00 p. m.—Studio hour.

8:00 to 9:00 p. m.—First Unitarian Church program, Howard B. Bard.

9:00 to 10:00 p. m.—Mixed musical program.

TUESDAY, FEBRUARY 22—

7:00 to 8:00 p. m.—Studio hour.

8:00 to 9:00 p. m.—Union Title Company "Classic Hour" program.

9:00 to 10:00 p. m.—Mixed musical program.

WEDNESDAY, FEBRUARY 23—

7:00 to 7:30 p. m.—Courtesy program by Wilshire's Ionaco Company.

7:30 to 8:30 p. m.—Concert program furnished by the Theosophical University

8:30 to 9:30 p. m.—C. C. C. Tatum, realtor, Bay Hills Orchestra.

9:30 to 10:00 p. m.—"Popular" Orthophonic program.

THURSDAY, FEBRUARY 24—

7:00 to 8:00 p. m.—Police program, dance music and concert music.

8:00 to 9:00 p. m.—John P. Mills, Inc., Point Loma Orchestra.

FRIDAY, FEBRUARY 25—

7:00 to 8:00 p. m.—Studio hour.

8:00 to 9:00 p. m.—P. M. Dairy Concert Orchestra. Instrumental Trio.

9:00 to 10:00 p. m.—Mixed musical program.

SATURDAY, FEBRUARY 26—

7:00 to 8:00 p. m.—San Diego Senior High School program.

8:00 to 9:00 p. m.—Mme. de Beauviere, "Franco-American" hour.

9:00 to 10:00 p. m.—"Classic" hour Orthophonic recital.

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ALBERT J. HODGES, Technical Director
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DAILY EXCEPT SUNDAY—

- 6:45, 7:15 and 7:45 a.m.—Daily health drill by Hugh Barrett Dobbs
- 10:10 a.m.—Household Hints.
- 10:30 a.m.—"Ye Towne Crier."
- 12:00 noon—Time signals and Scripture reading.
- 12:30 to 1:00 p.m.—Cliff Hotel Concert Trio.
- 1:00 to 2:00 p.m.—Rudy Seiger's Fairmont Hotel Orchestra
- 3:30 to 5:30 p.m.—Palace Hotel Concert Orchestra.
- 5:30 to 6:15 p.m.—Children's Hour.
- 6:15 to 6:30 p.m.—"Ye Towne Crier."
- 6:30 to 7:00 p.m.—States Restaurant Orchestra.
- 7:00 to 7:30 p.m.—Rudy Seiger's Fairmont Hotel Orchestra
- 7:30 to 8:00 p.m.—DX.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

- 9:45 to 10:45 a.m.—Undenominational and non-sectarian church service. Uda Waldrop at the organ.
- 10:45 a.m.—"Ye Towne Crier," giving the United States weather forecast and general information.
- 2:40 to 4:15 p.m.—Concert of the San Francisco Symphony Orchestra, Alfred Hertz, director, to be broadcast from the New Curran Theatre by KPO, KFI and KGO.
- 6:00 to 6:30 p.m.—States Restaurant Orchestra, Waldemar Lind director.
- 6:30 p.m.—"Ye Towne Crier," giving general information.
- 6:35 to 8:35 p.m.—Palace Hotel Concert Orchestra, Cyrus Trobbe director.
- 8:35 to 9:15 p.m.—Rudy Seiger's Fairmont Hotel Concert Orchestra.
- 9:15 to 10:15 p.m.—A broadcast by Ernest Ingold, Inc., of a program by John Powell, pianist, and Mildred Epstein, soprano.
- 10:00 to 12:00 p.m.—John Wolohan and his Californians at the Trianon Ballroom.

MONDAY, FEBRUARY 21—

- 8:00 to 8:10 p.m.—Chamber of Commerce talk on "Industrial San Francisco," by Capen A. Fleming, director Industrial Department.
- 8:10 to 8:25 p.m.—Book reviews by Harold A. Small of the Chronicle.
- 8:25 to 9:00 p.m.—Bridge lesson No. 18.
- 9:00 to 10:00 p.m.—Program by Neapolitan Quartet.
- 10:00 to 11:00 p.m.—Billy Long's Cabirians.
- 11:00 to 12:00 p.m.—KPO's Variety Hour, presenting the KPO Minstrels and well known artists, including Big Brother, Lloyd Knight and His Radio Robins, William Powers, Fred Dodson, Gypsy and Marta, Edith Orris, Johnny O'Brien, Hugh Barrett Dobbs, William Hancock and others in a Chicago night program.

TUESDAY, FEBRUARY 22—

- 8:00 to 9:00 p.m.—"Uda Waldrop Hour," featuring Uda Waldrop, KPO's official organist, at the organ of the First Unitarian Church.
- 9:00 to 10:00 p.m.—Program by KPO Trio and Gypsy and Marta.
- 10:00 to 11:00 p.m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.
- 11:00 to 12:00 p.m.—John Wolohan and his Californians at the Trianon Ballroom.

WEDNESDAY, FEBRUARY 23—

- 8:00 to 9:00 p.m.—Program by the Atwater Kent Artists, under the auspices of Ernest Ingold, Inc.
- 9:00 to 10:00 p.m.—Studio program.
- 10:00 to 11:00 p.m.—States Restaurant Orchestra, Waldemar Lind director.
- 11:00 to 12:00 p.m.—Billy Long's Cabirians.

THURSDAY, FEBRUARY 24—

- 8:00 to 9:00 p.m.—Program for Geo. W. Caswell Co., National Crest Coffee.
- 9:00 to 10:00 p.m.—Program by Thirtieth Coast Artillery Band.
- 10:00 to 11:00 p.m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.
- 11:00 to 12:00 p.m.—John Wolohan and his Californians at the Trianon Ballroom.

FRIDAY, FEBRUARY 25—

- 8:00 to 10:00 p.m.—Walter Krausgrill's Balconades Ballroom Orchestra.
- 10:00 to 11:00 p.m.—States Restaurant Orchestra, Waldemar Lind director.
- 11:00 to 12:00 p.m.—John Wolohan and his Californians at the Trianon Ballroom.

SATURDAY, FEBRUARY 26—

- 6:30 to 7:30 p.m.—States Restaurant Orchestra, Waldemar Lind director.
- 8:00 to 9:00 p.m.—Simultaneous broadcast by KPO and KFI of a program presented by the San Francisco branch of the manufacturers of White King and Mission Bell Soap.
- 9:00 to 10:00 p.m.—Palace Hotel Rose Room Dance Orchestra, Gene James director.
- 10:00 p.m. to 1:00 a.m.—Walter Krausgrill's Balconades Ballroom Orchestra.
- 9:00 to 11:00 p.m.—Intermissions by Maurice Gunsby, tenor, and Merton Bories, pianist.

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DAILY EXCEPT SATURDAY AND SUNDAY—

10:00 to 11:00 a. m.—Sherman Clay & Co. concert.

11:00 a. m. to 12:00 noon—Household Hints.

DAILY EXCEPT SUNDAY—

12:00 to 2:00 p. m.—Eddie Harkness' Concert Orchestra.

4:00 to 5:30 p. m.—Mark Hopkins Orchestra.

5:30 to 6:30 p. m.—"Mac" and his Gang.

6:30 p. m.—Stage and Screen.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

5:00 to 6:00 p. m.—"Twilight Recital," with Dorothy Pasmore, 'cellist; Florance McEachren, soprano, and Frank Moss, pianist.

6:30 p. m.—Stage and screen.

6:30 to 8:30 p. m.—Mark Hopkins Concert Orchestra, Vinton La Fererra, conductor.

MONDAY, FEBRUARY 21—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner program.

7:00 to 7:30 p. m.—KFRC Hawaiians.

8:00 to 9:00 p. m.—Blue Monday Jamboree, with Mac and his Haywire Orchestra. A. J. Kane's detective story, and others.

9:00 to 10:00 p. m.—Goodrich Silvertown Orchestra, Reg. Code directing, courtesy B. F. Goodrich Co. of Akron, Ohio.

10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins' Dance Orchestra, Ronald Johnson, tenor, and Marjorie Primley, pianist, during intermissions.

TUESDAY, FEBRUARY 22—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner program.

7:00 to 7:30 p. m.—Russell Colvin Trio, courtesy Russell Colvin Co. Mary Pasmore, violinist; Herman Reinberg, 'cellist, and Frank Moss, pianist.

8:00 to 8:30 p. m.—Weekly meeting KFRC Radio Movie Club.

8:30 to 9:30 p. m.—Washington's Birthday special program.

9:30 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Orchestra; William Hart, tenor; Martha Mervin, pianist, during intermissions.

WEDNESDAY, FEBRUARY 23—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner concert.

7:00 to 7:30 p. m.—"Puss" Donahoo's Orchestra.

8:00 to 9:00 p. m.—KFRC Little Symphony Orchestra; Grace Le Page, soprano, soloist.

8:00 to 9:00 p. m.—Musical Educational Talk, by John G. Vogel of Educational Department of Sherman, Clay & Co. Subject: "Life and Compositions of Schumann," with illustrations on Aeolian organ and Duo-art piano.

9:30 to 10:00 p. m.—Studio program.

10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra. Juliette Dunn and Glenhall Taylor during intermissions.

THURSDAY, FEBRUARY 24—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner concert.

7:00 to 7:30 p. m.—Western Motors' courtesy program.

8:00 to 9:00 p. m.—Mona Motor program, with Mona Motor Melody Maids; Mae Thompson, soprano, and others.

9:00 to 10:00 p. m.—Organ recital with Theodore Strong at the console of the Aeolian pipe organ.

10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins' Dance Orchestra; Ronald Johnson, tenor, and Marjorie Primley, pianist.

FRIDAY, FEBRUARY 25—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner program.

7:00 to 7:30 p. m.—Studio program.

8:00 to 10:00 p. m.—Gilfillan Bros., manufacturers of Gilfillan Neurodynes, present KFRC Little Symphony Orchestra; Grace Le Page, soprano; Georges Simondet, tenor, and George Ainsa, basso.

10:00 to 12:00 p. m.—Eddie Harkness' Mark Hopkins Dance Orchestra. Joe Graham, tenor, during intermissions.

SATURDAY, FEBRUARY 26—

6:30 to 7:00 p. m.—Yale Radio Battery Trio dinner program.

7:00 to 7:30 p. m.—Studio program.

8:00 p. m. to 1:00 a. m.—Eddie Harkness' Mark Hopkins Dance Orchestra. 8:00 to 9:00 p. m., intermissions by Joe Benson, pianist; 9:00 to 10:00 p. m., intermissions by Juliette Dunn, soprano; 10:00 to 12:00 p. m., intermissions by Lou Emmel, baritone, with Mildred Doughty, pianist.

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DAILY EXCEPT SUNDAY—

- 11:30 a. m. to 1:00 p. m.—Hotel Leamington concert.
1:30 and 6:00 p. m.—Stock and weather reports. Baseball score.
6:00 to 6:55 p. m.—Bem's Little Symphony Orchestra
6:55 to 7:30 p. m.—Weather and stock reports.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

- 11:00 a. m.—Calvary Presbyterian Church service.
2:40 p. m.—San Francisco Symphony Orchestra concert.
4:00 p. m.—Vesper service, Grace Cathedral.
6:30 to 7:30 p. m.—Concert by Bem's Little Symphony Orchestra.
7:30 p. m.—Weather Bureau report.
7:35 p. m.—First Congregational Church service, San Francisco.
9:00 to 10:00 p. m.—Concert by Bem's Little Symphony Orchestra.

MONDAY, FEBRUARY 21—

- 4:00 to 5:00 p. m.—California Federation of Women's Clubs.
5:30 to 6:00 p. m.—KGO Kiddies' Klub.

TUESDAY, FEBRUARY 22—

- 5:00 p. m.—Lectures by Dr. Virgil E. Dickson.
8:00 to 9:00 p. m.—The Pilgrims. Eveready program by National Carbon Company.
9:00 p. m.—Joseph Henry Jackson, "Chats About New Books."
9:20 p. m.—Surprise broadcast.

WEDNESDAY, FEBRUARY 23—

- 5:30 p. m.—"For Instance," by General Jackson.
8:00 p. m.—Oakland Real Estate Board banquet.

THURSDAY, FEBRUARY 24—

- 5:00 to 6:00 p. m.—George W. Ludlow. "Friend to Boys."
8:00 to 9:00 p. m.—Program by KGO Little Symphony.
9:00 to 12:00 p. m.—John Philpott's Midshipmen.

FRIDAY, FEBRUARY 25—

- 8:00 p. m.—Studio program, "The Arcadians."

SATURDAY, FEBRUARY 26—

- 8:00 p. m.—"Weekly Sport Review," by Al Santoro.
8:15 to 9:15 p. m.—Program from Hotel Leamington, Oakland.
9:15 p. m. to 1:00 a. m.—Dance music, Wilt Gunzendorfer's Hotel Whitcomb Band.
Program Published as Submitted by the Station.



Chas. E. Gabrielle, Jr.
Announcer

Oakland, California—508.2 Meters

KLX

500 WATTS—508.2 Meters
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Phone, Lakeside 6015

"Oakland, Where Lake and Water Meet"

DAILY EXCEPT SUNDAY—

- 3:00 p. m.—Baseball.
7:00 to 7:30 p. m.—News broadcast.

WEEK COMMENCING MONDAY, FEBRUARY 21, 1927

MONDAY, FEBRUARY 21—

- 10:30 a. m.—Martha Lee.
8:00 to 9:00 p. m.—Piggly Wiggly Hawaiian program.
9:00 to 10:00 p. m.—Weekly meeting of Lake Merritt Ducks.

WEDNESDAY, FEBRUARY 23—

- 10:30 a. m.—Martha Lee.
6:30 to 7:00 p. m.—Athens Athletic Club dinner concert.
8:00 to 9:00 p. m.—Educational program.
9:00 to 10:00 p. m.—Second program by Oakland Symphonic Ensemble.

FRIDAY, FEBRUARY 25—

- 10:30 a. m.—Martha Lee.
8:00 to 9:45 p. m.—Special gala program.
9:45 to 10:30 p. m.—Athens Athletic Club orchestra.

KOMO**Seattle, Washington—305.9 Meters**

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DAILY EXCEPT SUNDAY—

- 11:00 a. m.—Juanita's Shopping News.
- 12 noon—U. S. Farm flashes.
- 12:15 p. m.—Totem soloists.
- 1:00 p. m.—Organ recital.
- 2:00 p. m.—Totem soloists.
- 5:30 p. m.—Children's entertainment.
- 10:00 p. m.—Totem Dance Orchestra.

WEEK COMMENCING MONDAY, FEBRUARY 21, 1927

MONDAY, FEBRUARY 21—

- 10:15 a. m.—Y. M. C. A. health exercises.
- 6:00 p. m.—Ye Towne Topics.
- 6:15 p. m.—Totem Chorus.
- 6:30 p. m.—U. S. Farm School, "Livestock."
- 7:30 p. m.—Totem Philippine String Orchestra.
- 8:00 p. m.—First Church of Christ, Scientist, lectures.
- 9:00 p. m.—Totem Concert Orchestra and soloists.
- 10:30 p. m.—Totem Dance Orchestra and soloists.

TUESDAY, FEBRUARY 22—

- 9:30 a. m.—Broadcast of Washington Day Message by President Coolidge to the United States Congress, through National Broadcasting Company's network.
- 6:30 p. m.—Totem Philippine String Orchestra.
- 7:45 p. m.—Silent period.
- 7:30 p. m.—Totem Concert Orchestra.
- 9:30 p. m.—Totem Dance Orchestra.

WEDNESDAY, FEBRUARY 23—

- 6:00 p. m.—Ye Towne Topics.
- 6:15 p. m.—Totem Philippine String Orchestra.
- 6:45 p. m.—Silent period.
- 7:30 p. m.—Totem Dance Orchestra and Doug Richardson.
- 8:00 p. m.—National Farm Radio Council talk.
- 8:15 p. m.—"Chimes of Normandy," by Totem Light Opera Company.
- 10:30 p. m.—Totem Dance Orchestra and soloists.

THURSDAY, FEBRUARY 24—

- 6:45 p. m.—Silent period.
- 7:30 p. m.—Ye Towne Topics.
- 7:45 p. m.—Totem Philippine String Orchestra.
- 8:00 p. m.—U. S. Farm School, "Poultry."
- 8:15 p. m.—Talk, "Care and Breeding of Baby Chicks."
- 8:30 p. m.—Totem Concert Orchestra and soloists.
- 10:15 p. m.—Totem Dance Orchestra.

FRIDAY, FEBRUARY 25—

- 6:45 p. m.—Silent period.
- 7:30 p. m.—Totem Philippine String Orchestra and Jazz Quartets.
- 7:45 p. m.—Talk, "U. S. War Risk Insurance," by Lee Newmau.
- 8:00 p. m.—U. S. Farm School, "Dairying."
- 8:15 p. m.—Totem Dance Orchestra and soloists.
- 8:45 p. m.—Ye Towne Topics.
- 9:00 p. m.—Western Giant Cord Orchestra.
- 10:00 p. m.—Totem Dance Orchestra.

SATURDAY, FEBRUARY 26—

- 6:45 p. m.—Silent period.
- 7:30 p. m.—Totem Concert Orchestra and soloists.
- 10:00 p. m.—Totem Dance Orchestra and Totem String Philippine Orchestra.

SUNDAY, FEBRUARY 27—

- 10:00 a. m.—International Bible Students' Association.
- 11:00 a. m.—Plymouth Congregational Church, Morning Service.
- 12:10 p. m.—St. James Cathedral, Noon Mass.
- 6:00 p. m.—Little Symphony Orchestra, courtesy of Atwater Kent dealers.
- 7:50 p. m.—First Church of Christ, Scientist, complete service.
- 9:15 p. m.—International Bible Students' Association.

*Program Published as Submitted by the Station.***SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST**

KEX**Portland, Oregon—447 Meters**

4000 WATTS

THE WESTERN BROADCASTING COMPANY, PORTLAND

PROGRAM COMMENCING MONDAY, FEBRUARY 21, 1927

DAILY EXCEPT SUNDAY—

- 5:30 to 6:00 p. m.—Radio code practice and daily radic chat by Clarence Clark, technical director of KEX.
 6:00 to 6:30 p. m.—Children's Hour by direct wire from Wremers Chateau.
 6:30 to 8:00 p. m.—Congress Hotel dinner music; Jimmie Davis and his Pompeian Orchestra.
 8:00 to 9:00 p. m.—Studio program.
 9:00 p. m.—Western Union time signals.

TUESDAY, THURSDAY, SATURDAY

- 9:00 to 10:30 p. m.—Studio program.
 10:30 to 12:00 p. m.—Dance music, direct wire from Kremers Chateau.

SUNDAY ONLY—

- 3:00 to 5:00 p. m.—Concert Orchestra.
 5:00 to 6:00 p. m.—Church services.
 6:00 to 8:00 p. m.—Congress Hotel dinner music.
 8:00 to 9:00 p. m.—Studio program.
 9:00 p. m.—Time signals, Western Union time signals.
 9:00 to 10:30 p. m.—Studio program.
 10:20 to 12:00 p. m.—KEX Frolic.

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST

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THE MORNING OREGONIAN
"Keep Growing Wiser"

DAILY EXCEPT SUNDAY—

- 7:15 a. m.—Setting up exercise.
9:45 to 10:00 a. m.—Women's health exercises.
10:00 to 11:30 a. m.—Town Crier, weather reports, news items.
12:30 to 1:30 p. m.—Noon concert.
6:00 to 7:00 p. m.—Dinner Concert.
7:30 to 7:45 p. m.—Weather and market reports.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

- 10:55 to 12:30 p. m.—Morning services from the St. Stephens Pro-Cathedral.
4:00 to 6:00 p. m.—KGW Salon Orchestra.
7:30 to 9:00 p. m.—Evening services from the Hinson Memorial Baptist Church.
9:00 to 10:00 p. m.—Concert by the Chevrolet Little Symphony Orchestra.

MONDAY, FEBRUARY 21—

- 7:00 to 7:30 p. m.—Children's program.
8:00 to 10:00 p. m.—Vaudeville entertainment.
10:00 to 12:00 p. m.—Dance music by McElroy's Orchestra.

TUESDAY, FEBRUARY 22—

- 2:30 to 3:00 p. m.—Women's matinee.
10:00 to 12:00 p. m.—Dance music, featuring Herman Kenin and his orchestra.

WEDNESDAY, FEBRUARY 23—

- 7:00 to 7:15 p. m.—Utility service.
7:30 to 8:00 p. m.—Albers Poultry School.
8:00 to 9:00 p. m.—Concert, courtesy Wesetrn Auto Supply Company.
9:00 to 10:00 p. m.—Concert, by Maxwell-House-Coffee Orchestra, simultaneously with KFOA and KHQ.

THURSDAY, FEBRUARY 24—

- 7:45 to 8:00 p. m.—Lecture, given under the auspices of the Catholic Truth Society of Oregon.
8:00 to 10:00 p. m.—Vaudeville entertainment.

FRIDAY, FEBRUARY 25—

- 2:00 to 3:00 p. m.—Women's matinee.
7:00 to 7:30 p. m.—Children's program.
7:30 to 8:00 p. m.—Weeking meeting of the KGW Movie Club.
8:00 to 9:00 p. m.—Concert by the Mission Bell Orchestra, from KGW through KFOA and KHQ.
9:00 to 10:30 p. m.—Dance music by Cole McElroy's orchestra.
10:30 to 12:00 p. m.—Weekly frolic of the Keep Growing Wiser Order of Hoot Owls broadcast with KMO, KFOA, KHQ.

SATURDAY, FEBRUARY 26—

- 9:00 to 10:00 p. m.—Concert, Calumet Instrument Quartet.
10:00 to 12:00 p. m.—Dance music, featuring Herman Kenin and his orchestra.

Program Published as Submitted by the Station.

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Transmitting and receiving equipment designed and constructed.
Radio and technical problems correctly solved.

Questions answered accurately.

Receiver and all other equipment carefully tested, repaired and calibrated.

**COMPLETE WORKING DRAWINGS OF AMERICA'S FINEST RECEIVER.
ADJUSTABLE OUTPUT TRANSFORMERS THAT MATCH TUBES
AND GOOD SPEAKERS FOR HIGH QUALITY.**

Transformers and Choke Coils to any requirement. Complete Speech Amplifiers and Control Panels for broadcast stations and public address systems or any parts for same. Punchings and design data for any Core, such equipment including that for tungar battery charging transformers of any capacity and voltage. High grade Resistance Wire, special alloy steels.

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COME AND INSPECT IT.**

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6805 S. Western Ave., Los Angeles



LUTHER J. JENSEN
Announcer

Seattle, Washington—454.3 Meters

KFOA

1000 WATTS—660 KILOCYCLES
Owned and Operated by
RHODES DEPARTMENT STORE

DAILY EXCEPT SUNDAY—

2:00 p. m.—Homemakers' and Shoppers' Bureau.
4:30 to 5:00 p. m.—The Times "Afternoon at Home."
6:00 p. m.—Dinner music by KFO Orchestra.

DAILY EXCEPT SUNDAY AND MONDAY—

2:30 to 4:30 p. m.—Seattle Radio Trade Assn. Concert Orchestra.

WEEK COMMENCING MONDAY, FEBRUARY 21, 1927

MONDAY, FEBRUARY 21—

7:00 to 7:30 p. m.—Harold Weeks in popular song program.
7:30 to 8:00 p. m.—Cruise of the Sound Ferry Line Buccaneers.
8:15 to 8:30 p. m.—Industrial News by Manufacturers' Association of Washington.
8:30 to 10:00 p. m.—The Times presents A Studio Program.

TUESDAY, FEBRUARY 22—

12:30 to 1:30 p. m.—Kiwanis Club luncheon program from the Olympic Hotel.
7:30 to 8:00 p. m.—Pitchford Twins.
8:00 to 8:30 p. m.—KFOA Radio Bridge Game.
8:30 to 9:30 p. m.—Cheasty's Inc. presenting Cheasty's Male Quartet.
9:30 to 10:30 p. m.—Mona Motor Oil Company Entertainers presented by P. J. Cronin & Company.

WEDNESDAY, FEBRUARY 23—

12:30 to 1:30 p. m.—Rotary Club luncheon program from the Olympic Hotel.
7:00 to 8:00 p. m.—Hugh Baird's Ford O'Crat Entertainers.
8:00 to 9:00 p. m.—Northern Bond & Mortgage Co. Orchestra (alternate Wednesdays).
9:00 to 10:00 p. m.—Maxwell House Coffee Orchestra and soloists presented by Check-Neal Coffee Company from KGW.

THURSDAY, FEBRUARY 24—

12:30 to 1:30 p. m.—Shrine Club Luncheon program from the Chamber of Commerce Bldg.
8:30 to 7:30 p. m.—E. R. Butterworth & Sons Orchestra.
8:00 to 8:30 p. m.—Doc Proells "Cross-Eyed Family."
8:30 to 9:30 p. m.—Cheasty's Inc. Trio de Luxe.

FRIDAY, FEBRUARY 25—

12:00 to 1:30 p. m.—Members Council luncheon program from the Chamber of Commerce Building.
7:00 to 8:00 p. m.—Sherman Clay & Company studio program.
8:00 to 9:00 p. m.—The Mission Bell Concert Orchestra presented by the Los Angeles Soap Company from KGW.
9:00 to 10:30 p. m.—Burke & Farrar's Kirland Serenaders.
10:30 to 12:00 p. m.—Weekly Frolic of the "Keep Growing Wiser Order of Hoot Owls" broadcast from KGW.

SATURDAY, FEBRUARY 26—

6:00 to 7:00 p. m.—Dinner Music by KFOA Salt and Pepper Boys.
8:30 to 9:30 p. m.—Cheasty's Inc. popular studio program.

SUNDAY, FEBRUARY 27—

2:00 to 3:00 p. m.—"Red Flying Cloud Concert Orchestra," presented by the Lamping Motor Co.

Program Published or Submitted by the Station.

INFRADYNE OWNERS!



7 x 18 x 11 DEEP
TO
7 x 30 x 11 DEEP

Specially constructed to accommodate the Infradyne.

Genuine mahogany and walnut finish.

Circular sent on request

A. & A. FURNITURE CO.

1117 East 63rd St.

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Los Angeles, Calif.

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Two Ways of Saying
"Radio At Its Best"

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SCHRADER-ROSS

3206 West Washington Blvd.
Open Evenings EMpire 2966

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST

Your **ELIMINATE**
STORAGE 'A'
BATTERY

BLAX A.C. POLARIZER

Thousands Throughout the World
Are Getting Satisfaction from this
Little "Grief Saver"

Be Sure its a **BLAX**

Blax Polarizers Are the Standard

It's the Original—Beware of Imitations

USE BLAX HEAVY
DUTY TRANSFORMER

Especially Designed and Wound
Furnishes "A" Current for Radio Sets
REQUIRED FOR 3 TUBES OR MORE
IMPROVES 2 TUBES

Equip Your Set Now

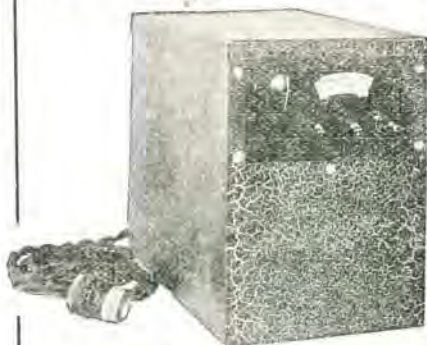
Blax Polarizer (Special).....75c
Blax Polarizer (Tested in set).....\$1.00
Blax Heavy Duty Transformer.....\$2.00
Blax 3-Tube Blue Print.....25c
If Your Dealer Can't Supply You, Send Now.

BLACK BROS., INC.

919 Black Bldg.

Los Angeles

McKinley "B" Power Unit



A Perfect "B" Eliminator Giving a
Maximum and Constant
Power Supply

Absolutely no hum on local or distant
reception.

Designed for the D-X fan

100-Volt Units.....\$20.00
100-Volt Heavy Duty.....25.00
150-Volt.....35.00

Satisfactory Service Has Made Our
Business Grow

Phone York 1828 for Demonstration

McKinley Radio Mfg. Co.

10905 S. Main St. Los Angeles
Excellent Dealer Proposition



FREEMAN H. TALBOT
Announcer

Denver, Colorado—322.4 Meters

KOA

930 KILOCYCLES—5000 WATTS
GENERAL ELECTRIC COMPANY

Pacific Standard Time

"Rocky Mountain Broadcasting Station"

DAILY EXCEPT SATURDAY AND SUNDAY—

10:45 a. m.—Weather, Stock and Produce Reports

11:15 a. m.—Organ Recital.

5:00 p. m.—Stock and Market Reports

7:00 p. m.—Musical Program.

DAILY EXCEPT SUNDAY—

11:15 a. m.—Organ recital.

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

9:50 a. m.—Service of First Church of Christ, Scientist.

5:30 p. m.—Organ recital from First Church of Christ, Scientist.

6:50 p. m.—Service of First Church of Christ, Scientist.

MONDAY, FEBRUARY 21—

5:30 p. m.—Dinner concert, Brown Palace Orchestra.

6:30 p. m.—Children's hour, Denver Public Schools.

7:15 p. m.—Studio program, presented by the Mountain States Tel. & Tele. Co.

TUESDAY, FEBRUARY 22—

2:15 p. m.—Talk, "Gems and Their Romance."

2:30 p. m.—Matinee for housewives.

6:30 p. m.—Farm question box, George C. Wheeler, editor Western Farm Life.

8:00 p. m.—Radio instruction in auction bridge, conducted by studio players.

WEDNESDAY, FEBRUARY 23—

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

6:30 p. m.—Wynken, Blynken and Nod time.

7:15 p. m.—Studio program, presented by the Chamber of Commerce, Sterling, Colo.

THURSDAY, FEBRUARY 24—

2:15 p. m.—Talk, "Gems and Their Romance"

3:30 p. m.—Culinary hints.

FRIDAY, FEBRUARY 25—

2:30 p. m.—Matinee for housewives.

3:45 p. m.—Fashion review, given by the Gano-Downs Company, Denver.

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

6:00 p. m.—"Aggie Kickoffs," Extension service, Colorado Agricultural College, Denver.

6:30 p. m.—Preview of International Sunday School lesson.

7:15 p. m.—Studio program.

SATURDAY, FEBRUARY 26—

9:30 p. m.—Dance program, Scheuerman's Colorado Orchestra, from Colorado Club, Denver.

Program Published as Submitted by the Station.



JULIAN C. RILEY
Announcer

Denver, Colorado—384 Meters

KLZ

Broadcasting Station of the Reynolds Radio Co., Inc.
500 WATTS

DAILY EXCEPT SUNDAY—

6:55 p. m.—Weather and DX reception reports

WEEK COMMENCING SUNDAY, FEBRUARY 20, 1927

SUNDAY, FEBRUARY 20—

5:45 p. m.—Services from Sunshine Rescue Mission.

MONDAY, FEBRUARY 21—

6:00 p. m.—Foster Auto Supply Hour.

9:00 p. m.—"Bobs Hour" from the Rialto Theater.

TUESDAY, FEBRUARY 22—

6:00 p. m.—Denver Powerline Program featuring the Bearcat Trio.

7:00 p. m.—Gold Seal Hour featuring the Gold Seal Concert Orchestra.

WEDNESDAY, FEBRUARY 23—

5:00 p. m.—Darrow Music Company Hour.

6:00 p. m.—Freed-Eisemann Hour from the Denver Dry Goods Studio.

FRIDAY, FEBRUARY 25—

4:30 p. m.—KLZ Movie Club.

5:00 p. m.—Kellogg Radio Hour featuring the Kellogg String Ensemble.

SATURDAY, FEBRUARY 26—

6:00 p. m.—Brach Radio Hour or Western Auto Supply Hour (alternate).

7:15 p. m.—Dance Program from Rainbow Lane Shirley, Savoy Hotel.

Famous Kids

It was perhaps two years ago that little June Giglio first saw an "Our Gang" comedy. From the first she wanted to meet the "Gang" in person.

Meanwhile June, herself, has become famous. She has posed for many nationally used pictures, the best known of which is the poster used by Atwater Kent in his radio advertising through-



out the nation. This poster gave her the nickname of "The Atwater Kent Radio Girl."

Last Friday June's dream to meet the "Gang" was realized. They all had a radio party together, June using her model 32 receiver. The party was declared a huge success. The "Gang" all thoroughly enjoyed the half-hour of radio entertainment, while June was delighted with their antics.

Sargent to Lecture

E. M. Sargent, the inventor of the famous Infradyne circuit, will give a lecture at the offices of Radio Doings, 400 Allied Crafts Building, corner of Pico and Maple avenue, Los Angeles, at 8 p. m., Thursday, February 24.

All dealers who are building or servicing the Infradyne set, and all fans who own or are contemplating building this well known set, are cordially invited to attend. The lecture will be free and will be illustrated.

*Shows you
at a glance!*

WESTON
"Pin-Jack" Voltmeter

**BRUNSWICK-BALKE,
BOSCH, RADIOLA,
STANDARDYNE, VICTOR**

Saves tubes, trouble, expense; gives better reception and assures continuous set performance. Shows exact filament voltage.

If you have any other make of set it can readily be adapted to use this helpful instrument by simply installing the pin-jacks provided with each "Pin-Jack" Voltmeter.

Only \$7.50

Your Dealer Has Weston Instruments Or Will Get Them Promptly From His Radio Jobber.

**WESTON ELECTRICAL
INSTRUMENT CORPORATION**
Weston Avenue, Newark, N. J.

STANDARD THE WORLD OVER
WESTON
Pioneers since 1888

**Want more distance?
Improved tone quality?
Tired of changing "B"
batteries or charging
them?**



WHAT you need first is silent and dependable light socket "B" Power. Buy a Sterling and you can be certain that you are giving your radio the "B" Eliminator that provides just the right adjustment to make your set do its best in tone quality and long distance reception, regardless of the number or kind of tubes used.

The Sterling "B" Eliminator is not on trial. Thousands are operating, giving unquestioned satisfaction. Buy your Sterling now—be insured for quality reception.

Model RT-41 illustrated above is for sets using up to 6 tubes and especially for Radiolas 25 and 28—Price **\$28⁰⁰**

ALSO RAYTHEON TUBE TYPES

R-97 "B" & "C" Power Unit.....\$55.00
R-99 "B" Power Unit.....\$45.00

Sterling

"B" ELIMINATORS

DETSCH & COMPANY

555 Turk Street
San Francisco, Cal.

1659 E. 16th St.
Los Angeles, Cal.



The Ether
By K. G. ORMISTON

In the days when the first wireless dots and dashes were flying around with no visible or tangible means of transit from here to there, the theory of an "ether wave propagation" was advanced to account for an otherwise unaccountable phenomena.

We accepted the idea that radio was a near kin of light, both using the same highway and traveling at the same speed. Things went along without much argument until the range of radio transmission increased to the point where the receiving station was out of sight of the sending station, a chunk of earth intervening due to its natural curvature. "Aha!" cried the skeptic. "A beam of light will not go around a corner of its own accord. You must reflect it with something solid like a mirror. How come your radio waves can go 'round corners'?"

A gentleman named Heaviside rose to the occasion and replied that in the upper atmosphere fifty miles or so above the earth's surface there had to be something which acted as a reflector for our radio waves, sending them back to earth. This theory was welcomed into the family because it at least was an answer to an unanswerable question. Everybody was so thankful to Mr. Heaviside that things had been so nicely explained that they named this upper something the "Heaviside Layer." Then along came Mr. Einstein and proved there wasn't any ether! He spilled the beans without giving us anything to take its place. Tesla joined forces with him, and then all that was lacking to give the poor old ether the death blow was a few well chosen remarks from Steinmetz. The ether was buried with honors, and the theorizers got busy all over again to figure out what radio might be.

Now it appears that right up here on
(Continued on page 88)

R. M. A. A. Welcomes K. G. Ormiston Home

A most instructive and constructive meeting was held at the Chamber of Commerce on Friday, February 11th, under the auspices of the Radio Manufacturers Agents Association.

Most of the prominent manufacturers, manufacturers agents, jobbers and dealers of Southern California were in attendance.

President Scott of the R. M. A. A. welcomed K. G. Ormiston back to the fold with a very excellent talk. Mr.



"SCOTTY"

Ormiston thanked Mr. Scott for his warm welcome and stated how glad he was to be back with his old friends of the Radio industry.

A very instructive talk was given by Mr. Philip Gough about the new Radio Club which has been formed by the jobbers of Southern California.

Mr. J. A. Hartley, President of the Radio Trades Association, told how the industry was progressing and of the bright outlook for the coming year.

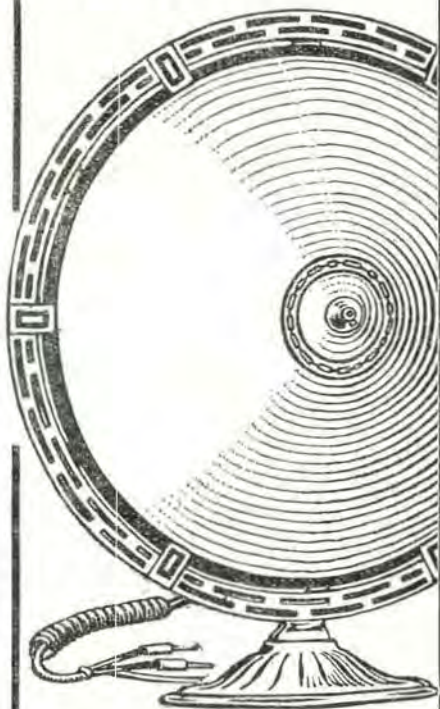
Walter Fagen, Sales Manager of the Electric Corporation, gave some very interesting information about Radio merchandising.

President Scott of the R. M. A. A. cannot be complimented too highly upon bringing together such a representative body of Radio men. There were 61 in attendance.

Herald

\$13.75

A FREE-EDGED cone speaker, 18 inches high, with protecting metal frame. Compare this handsome new Herald for volume and tone with any higher priced speaker at your dealer's.



BAKER-SMITH CO., INC.
Call Bldg., San Francisco, Cal.
Selling Representatives for Pacific Coast

Forbes Van Why to Devote His Entire Time to Broadcasting

Mr. Forbes Van Why, due to the increased demand upon his time as Chief Engineer of KMTR and Chief Consulting Engineer of KGEF, has had to resign as Technical Editor of Radio Doings. Mr. Van Why wishes to express his appreciation of the pleasure



that has been his in the association with the staff of Radio Doings and to the many friends he has made among the readers.

He hopes that by his articles he has been able to give the Radio fans a better understanding of Radio and helped them with some of their problems. Mr. Van Why is one of the outstanding Radio Engineers of the Pacific Coast and it is with extreme regret that we have to announce his resignation.

Mr. Van Why has been in the Radio business since 1912 and has been associated with broadcasting since 1923. He is a member of the Institute of Radio Engineers, Institute of Electrical Engineers and a commissioned officer in the Naval Communication Service.

Browning Radio Device Arouses Great Interest

John M. Browning invented the Browning Machine Gun. Not to be outdone, Wallace Browning, nephew of the gun inventor and son of Mayor George E. Browning of Ogden, Utah, has invented a wonderful little Radio device called the Antenelimitator.

The simple little device has met with such instantaneous success that orders have been pouring in for them from dealers and jobbers throughout the Intermountain district.

The new device is supposed to entirely eliminate the necessity of having an aerial. It will add to the selectivity and will stop the picking up of all static and extraneous noises.

It is particularly adapted for the use of radio sets in hotels and apartment houses.

The George E. Browning Radio Company is composed of Mayor George E. Browning of Ogden and his sons, Wallace, Harold and Roland.

Gold Seal Dividend

The Board of Directors of the Gold Seal Electrical Company (manufacturers of Gold Seal Radio Tubes) have declared a special dividend of 15 cents a share on the capital stock of the corporation, payable March 14, 1927, to stockholders of record March 4, 1927.

The Ether

(Continued from page 86)

our own Mount Wilson some very extensive and very expensive experiments have reinstated the ether. Scientific gentlemen have shown without any doubt that this old solar system of ours is moving through a vast stationary sea of ether, and its "drift" has even been measured!

And now the Bureau of Standards announces that the causes of "fading" exist in the upper atmosphere and not on the earth's surface; that radio transmission, therefore, does not depend upon the so-called ground waves, and that Mr. Heaviside was not all wet.

So we are back where we started from before Mr. Einstein started upsetting things, and now everybody's happy. Long live the ether!

Radio Broadcasting

By MISS ALLEENE RAVENSCROFT

When we sit down in the evening and tune in our radio, how many of us think of the significance of this marvelous invention? Although we can get comparatively few stations on the average radio set, radio broadcasting has literally run around the world, until there is hardly a port or city on the globe without a transmitting station. The American interests have led in radio developments, particularly in broadcasting, and aided in linking the nations of the world together by the invisible bonds of radio, and yet the other countries are not far behind the lead we have established. There are today fans in every land and broadcasts offered in nearly every language.

While radio has made marvelous strides since the receiving set first came to us, still there are thousands of families who are still without this "necessity" in their homes. In talking to some of those who are denying themselves this modern convenience of bringing pleasure, entertainment and knowledge into their lives, one cannot but be impressed by the reasons advanced. You will always meet the man or woman, even now, who is waiting for the time when radio is going to be revolutionized, some radical changes to be made that will send to the "junk-heap" all present equipment. These people are unfortunate pessimists, and very uncertain just when this marvel is going to happen, but someone they met at a friend's house once told them to refrain from buying a set now. In the meantime these unfortunate people are missing all the wonderful things that are being broadcast daily from our stations.

Radio broadcasting is really a very expensive proposition. First, it costs from \$50,000 to \$250,000 to build, equip and place a broadcast station in operation. Then practically all the music broadcast in the United States is protected by copyrights, which are supported and sustained by decisions of the Supreme Court; which means that the author of the music demands a fee from the broadcaster, in exchange for the pleasure and entertainment his music affords the listener-in. Willingly or unwillingly, the broadcast station pays this fee so that it may give the radio owner the newest and most tuneful music. However, you are always

hearing some person complain about stations being commercialized and programs not being so good; but when you stop and think that the listener-in really pays nothing, and that his entertainment is furnished him absolutely free, you will realize that he has very little reason to complain.

When you know of the enormous expense it takes to build and operate a station you will not be surprised that there is a great deal of advertising or commercializing done through the medium of the radio. However, a station in Los Angeles started out to broadcast nothing but so-called high-class music, with the determination to accept no advertising programs. It was not long before the management found itself compelled to accept paid or advertising programs to meet the high cost of operation.

Although many practical uses have been found for radio, there are many possibilities which only the far-sighted can predict, and only the skilled and expert engineers can carry out.

famous "Perfect" ONLY

B. ELIMINATOR 4.75

Complete



FOR ANY SET
 Makes "B" Batteries obsolete. Costs much less than a set of cells. Ends plate current troubles forever. Hook it up just as your old batteries were connected. No "frying" noises caused by old cells. Sharper tuning — more power because of steady flow of current through tubes.

No Extras to Buy

Completely equipped and assembled. Our amazingly low price of \$4.75 covers everything. Just plug in on any light circuit, direct or alternating. Gives power up to 90 volts, using full wave of power supply. Operates any set up to 7 tubes. Thousands of enthusiastic users in all parts of the country.

10 DAYS TRIAL
Money Back If Not Delighted

Just send \$1.00 now. Pay postman balance of \$3.75 (plus few cents postage) when he delivers your Eliminator. Use it 10 days. If not delighted, return in good condition and we will refund your money. Our guarantee protects you absolutely. Reference—Pearl Market Bank, Cincinnati, Ohio.

PERFECT ELIMINATOR CO.
 8-19 National Theatre Bldg., Cincinnati, Ohio

Meet William McCabe

Mr. McCabe has been actively associated with the wholesale radio trade here for some years. He is now with



C. W. Smith Company, distributors for Utah Speakers, Walbert and McMillan sets.

1927 Radio Show Committee Selected

A meeting was held in the offices of the Radio Trades Association in the Commercial Exchange Building, Monday mornning, February 14th.

The following men will serve as the Radio Show Committee for 1927:

J. A. Hartley, Pac. Wholesale Radio, Inc.
C. W. Griffin, Ray Thomas, Inc.
Al Meyer, Leo J. Meyberg Co.
Les Tauffenbach, Western Radio, Inc.
Lombard J. Smith, Lombard J. Smith Co.
Cloyd Marshall, Jr., Marshall & Co., Inc.
W. D. Scott, Scott Sales Company.
C. H. Mansfield, Fitzgerald Music Co.
John Booth, Barker Bros.
T. C. Bowles, Western Auto Supply Co.

The 1927 Los Angeles Radio Show will probably be the best and largest Radio exposition ever held in the West.

I Am False Pride

I have always refused to take the advice of those whom I had every reason to believe loved me.

I would rather "bull" it through myself without understanding, because that gave me a certain satisfaction—negative, I'll admit, and making me and others unhappy, but there was still false pride to be appeased.

I have never had any happiness, and do not expect any, so consequently I must abide in misery.

I have been too stubborn, too false willed to do the thing that I, in my heart, knew was the good thing to do.

I have let petty, unreasoning jealousies creep into my soul and poison me. That thing I call pride would not let me do otherwise for, after all, I would rather have my own way than be right.

Am I not Mr. False Pride?

I Am Love

I am love, the universal language.

I am the highest pinnacle of your thought, the most essential thing in life.

To possess me is to possess all, for I am the one true foundation of existence.

I am your shroud, to be made visible or invisible, at your will.

You may cover me with sensuality, discord, hypocrisy, dishonesty, or you may refuse to accept these parasites as part of your being.

If you do you will feel a new glow, for I will manifest myself into the nitermost fibre of your soul.

If you accept me, I will make you omnipotent for—

I AM LOVE.

Contributed by—

HEARL LAVERN CROWTHERS, D.D.S.

6630 Sunset Boulevard,

Hollywood, Calif.

(Editor's Note—Many of our good friends express themselves in verse rather than in prose. We hope the two short poems above will be accepted in as enthusiastic a manner as they were written.)

Timely Trade Topics

W. H. Trimm of the Trimm Manufacturing Co., Chicago, is arriving in Los Angeles on February 19, with his family and will make his future home here. He will be the guest of Carl A. Stone, Pacific coast representative for the Trimm Company for a few days.

F. D. Elmore, Pacific Coast representative for Bosch Radio, has just returned from San Diego, where he has appointed Gavin & Co. of San Diego as distributors for San Diego and Imperial Counties for the Bosch line.

Gosilco Radio Products Co., of Huntington Park, Calif., report an increasing demand for GOSILCO Super Aerial Wire. Foreign trade is being developed due in a large measure to the interest in trans-oceanic reception. The wire is now electro-plated entirely in their own plant.

J. A. Hartley, of the Pacific Wholesale Radio Company and president of the Radio Trades Association of Southern California, has been called for grand jury duty for this year. With men of this caliber serving on the grand jury we can all rest assured that everyone will get a square deal.

In giving a description of the Haddaway Short Wave Set in a recent issue we gave a wrong address for the Haddaway Manufacturing Company. Their correct address is 1806 South Hoover street, Los Angeles.

The Velvetone Radio Corporation, formerly located at 3729 Avalon boulevard, are now located in their new factory at 237 South Figueroa street.

The new factory is of the most modern design and has, in the access of 8000 square feet for manufacturing purposes

Black Bros., Inc., are introducing a heavy duty bell transformer especially designed and wound to operate the radio from electric light socket. The Blax Transformer, a product of a great deal of experimenting and testing, is used in connection with Blax Polarizer on sets having crystal detector. Among other advantages it has double the capacity of the ordinary bell transformer, which is very necessary for three or four tube sets.

Electricians all know that it is dangerous to overload all electrical devices. The ordinary bell transformer is not designed to be operated beyond its capacity for hour after hour, as is the case when it is used to supply current for a radio set.

The new CeCo Radio Frequency Amplifier tube has been anxiously awaited by the fans, and the local jobbers are already swamped with orders which they are unable to fill. The tube is designed especially for amplification at radio frequencies and is the first tube intended to fill the requirements of that single function.

The amazing efficiency of this new CeCo tube when used in the R. F. end of a modern receiving set is a revelation of tube development and will be a great factor in the general advancement of radio. This tube lists at \$3.00 and is a worthy companion of the famous CeCo "H" detector tube that so quickly captured the market.

Mr. Wallace Browning of the George E. Browning Company of Ogden, Utah, has been spending the last week in Los Angeles and Southern California introducing to the trade his new device, the ANTENELIMINATOR.

The Scott Sales Company of 443 South San Pedro street will be the Southern California sales agents.

Don't Go 'Way!



Charlie Wellman, popular announcer and entertainer, has severed his connection with a suburban station and is back in Hollywood. He will soon be heard on the air in an original and novel idea in program presentation.

IT SHOULD BE

Customer (to photographer who has been in business only a short time): Well, how's the photography business?"

Photographer: "Oh, it's developing."

Heavside Theory Is Supported

The Bureau of Standards has concluded a series of tests in connection with the variation in the intensity of radio signals commonly caled "fading." The results indicate taht these variations are caused in the upper atmosphere at a height of 62 miles or more, and not in the portion of the wave traveling along the ground. Their report indicates that radio transmission over any but a short distance depends upon the waves reflected back to earth from the upper atmosphere, and not upon the so called "ground waves."

The President Speaks

(Continued from page 22)

tions linked together by a network of telephone lines. The range and location of the stations on the loop is such that the entire country will be blanketed.

The Pacific Coast stations to be included in the chain will be KFI, Los Angeles; KPO, San Francisco; KGO, Oakland; KGW, Portland; KOMO, Seattle; KFOA, Seattle, and KHQ, Spokane.

The date—Tuesday, February 22nd. The hour—9:30 to 10:30 a. m., Pacific Standard time.

SEE PAGE 15 FOR ANNOUNCEMENT OF PRIZE CONTEST

STANDARD RADIO CO.

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FADA, ATWATER KENT AND WESTERN ELECTRIC DEALER

We Carry a Complete Line

Open Model Atwater Kent Wave Length Cut Down to 200 Meters.
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Local Stations

Telephone WEStmore 1560

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Broadcasters' Digest

A broadcasting station at Chula Vista, Cal., was recently closed down by Col. Dillon, radio supervisor of the Sixth district. The station had come on the air without having first obtained the necessary license from the Department of Commerce. While the government no longer has jurisdiction in the matter of wave-length or hours of operation, the law requiring that both the station and its operators be licensed is still very much in effect, and Col. Dillon has announced that violators will be prosecuted. More power to him!

Fannie Brice made her first appearance before a microphone at KNX recently. She is here with the Music Box Revue and during the opening night the moving picture celebrities and other important personages of Hollywood were introduced over the air, and, later on, Fannie herself and other members of the cast were heard.

Art Mace and his orchestra, playing nightly at the Rendezvous Ball Room, Santa Monica, are now broadcasting over Station KNRC on Tuesdays from 1:30 until 2:30.

This is one of Southern California's most popular dance and radio orchestras, and we know the "fans" will be glad to again hear them on the air.

A long-time series of Community Programs began Monday, the 14th, from Radio Station KMTR. These run daily except Sundays, between 12:30 and 1:30. Radio owners hear programs sponsored by the business men of the various communities. This feature is under the direction of Walter Biddick and is one of several innovations which this experienced program director will present from various local broadcast stations.

The new radio law of 1927 provides a penalty of a jail sentence and a fine of \$1,000 for anyone who knowingly utters a slanderous remark by radio. The public will at last be relieved of having to listen to the person who, in the security and seclusion of a broadcast studio, bravely slanders anyone he happens to have a grudge against.

Another interesting provision is that after the first year, any listener-in may enter a protest against the renewal of a license to any station in the United States.

Warner Brothers' Radio Station KFVB is the only one possessing a lady announcer. She is Miss Louise Sullivan of the trio that bears her name, which nightly plays from 6:00 to 7:00 at KFVB.

James W. Foley, distinguished California poet, will be a welcome addition to the KHJ program hereafter once a month. The well known Pasadena literary critic reads his own creations as well as other numbers.

The Don Lee organization, owners of station KFRC, San Francisco, have placed their order with the Western Electric Company for a new station of 1000 watts power. The new plant will be located on the Don Lee Cadillac Building on Van Ness avenue, the antenna being supported by two steel towers 125 feet high. Formal opening will be about the end of May. The studio will continue in its present location in the Serman, Clay Company building.

Dumb: "I don't see them wearing patent leather shoes any more."

Belle: "No, the patent must have expired."—*Science and Invention Magazine.*

The 1930 Radio Receiver

Sounds funny—but it's true. Thousands of them are already in operation and the owners of these sets are hearing stations on the loud speaker which were ordinarily inaudible on the average 10-tube radio set. This new 1930 receiver is the INFRADYNE, sponsored by "RADIO" (Magazine), San Francisco. In the March issue of "RADIO," which most news dealers will have on sale in your vicinity on February 25th, the INFRADYNE is more fully described and many practical hints are given on its operation with a set of battery eliminators. Get the whole story of the INFRADYNE in the OFFICIAL INFRADYNE MANUAL, by Sargent and Rayment, the inventors of the circuit. This complete manual sells for twenty-five cents, postpaid. Drop a quarter in coin in an envelope, mail it to us and we will send the booklet to you postpaid. It's a story well worth reading and tells you what the 1930 radio set is like. Only a few hundred copies left. Orders must be received now to insure delivery.

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