RADIO ADVERTISING HIT IN COMMISSION REPORT

While admitting that "radio broadcasting has made progress, much remains to be desired," the Federal Radio Commission declares in its third annual report to Congress, submitted last week. "Many programs are still of doubtful value. Offensive sales talks are too common."

The eventual elimination of this undesirable aspect of broadcasting will be accomplished through the listeners rather than by any censorship power the Commission may be given, the Commission believes. "The attitude of the listening public will tend ultimately to cause the correction of such defects," the report states.

The report covers in detail the work of the Commission from October 1, 1928, to November 1, 1929, and also includes a discussion of some of the major problems facing the radio body.

WABC TO STAY OUT OF JERSEY

Because of protests from New Jersey State officials, the Columbia Broadcasting System will not locate the 50,000-watt transmitter of WABC in Essex County, N. J., as planned, even though permission has already been granted by the Radio Commission, according to Sam Pickard, vice-president of the chain. The application will be withdrawn just as soon as another site is obtained.

BYRD PRAISES AID OF RADIO

The Byrd Antarctic expedition could not have accomplished its mission without the use of radio communication. Comdr. Richard E. Byrd has informed the Radio Commission in a radiogram expressing appreciation of the cooperation of the Commission.

"Radio has played a very vital part in the operations down here and has been a safeguard to life in hazardous airplane flights of exploration and dog-team expeditions," Byrd said. "Without it we could not have accomplished our mission."

The Byrd radio stations have been operating since November 1 without license because neither the leaders of the expedition nor their agents have made application for renewal of the short wave grants obtained before the party embarked. But the Radio Commission is not likely to insist on the letter of the law in this case because of the importance of the work Byrd and his comrades are doing.

NEW PROBLEM FACES COMMISSION

The inauguration of the ship-to-shore radiotelephone service between the "Leviathan" and the continent has raised a new problem of allocation for the Radio Commission. Consequently a conference of all holders of maritime and mobile coast service licenses has been called for January 14.

A new policy will probably be formulated and substituted for the plan adopted on May 10 for the licensing and distributing of such frequencies in accordance with the recommendations of the Engineering Division. At present five channels tentatively have been granted to the American Telephone and Telegraph Company for use in the "Leviathan" ship-to-shore service.

ANOTHER ASKS 50,000 WATTS

Even the colleges and universities are getting the bug for higher-powered radio stations! The Alabama Polytechnic Institute, which operates WAPI at Birmingham, has applied to the Radio Commission to increase its power from 5,000 to 50,000 watts and its time from half to unlimited.
June Parker, KHJ's blond blues singer, was induced to try out for microphone work some four years ago and much to June's surprise her success was almost instantaneous. The raucous harshness of many blues voices is entirely missing from Miss Parker's and instead there is a plaintiveness that has appealed to thousands and has made her programs among the most popular at KHJ. The "Chasin' the Blues" program on Saturday afternoon and other feature programs bring Miss Parker to you, and you will see her picture on this week's cover.

Roy L. Sergeant's talks on Bridge over KNX every Wednesday evening at 9:30 are causing an army of bridge enthusiasts to eagerly await the hour with a card deck in hand. Mr. Sergeant presents an interesting hand during each of these half hours.

Dr. David M. Wilson, of the College of Engineering of University of Southern California, will talk on the Development of Porto Rico, next Monday, January 6, at 3:00 p. m., over KEJK.

KFWB will broadcast the meeting of the Radio Trades Association of Southern California from the Breakfast Club on Thursday morning, January 9, from 8:00 to 9:30.

Monday, January 6, beginning at 12:30 p. m., KJR will broadcast an entire opera by electrical transcription. The name of the opera will be announced later by KJR.

Tommy Monroe and Bob Allen, known to radio fans as The 1640 Boys, are now singing over KYA regularly every Monday, Wednesday and Friday at 7:30 p. m.

The Friendly Hour, one of KQW's best liked programs, is a daily feature with Lena May Leland at the microphone. The hour is 1:30 p. m.

"Reminiscences of the Old West" is the interesting title of a half hour program over KGO on Friday, January 11, at 8:00 p. m., P. S. T.

"Dorothy" and the Office Boy banter back and forth in a noontime program of song and chatter over KELW daily except Sunday. On Saturdays the pair come on the air at 11 a. m.

Short talks on the care of the eyes and teeth are given over KGW weekly. The dentistry talk comes on Sunday at 4:15, and on Thursday at 6:55 p. m. an optometry talk is scheduled.

Many radio stations are broadcasting breakfast clubs, but KFVD comes along with a supper club feature all its own. The hour, coming each Wednesday evening, from 9:00 to 10:00, is conducted by Tom Brenneman, well-known radio artist, and the full name of the feature is Ezra Simpkin's Supper Club.

KFXM, the new San Bernardino station, takes its listeners back to college days with its program on Thursdays at 9:30. Campus doings at the University of Redlands furnished the material for the broadcast.

The Poke Bonnett Sisters, a harmony duo, sing favorite old melodies in contrast to new songs, over station KTAB. Their programs are heard on Wednesday at 2:00 p. m. and Friday at 7:30 p. m.

Dr. John Mathews, pastor of the "First Radio Church of the Air," brings to the listeners every Sunday afternoon, immediately following the City Park Board program, an hour of religion that is entirely different from any church services on the air. His service is non-sectarian, does not conflict with any belief or creed and brings to the shut-ins and others a simple service full of dramatic characterization. Tune in on KNX.
Good Pay Jobs Open

1928, every National Radio Student was placed a position through our Employment Department. We were unable to fill the many requests men received daily from leading radio concerns. Trained radio men are in big demand. With National's "ACTUAL SHOP" Method of training, wonderful opportunities await you in a profitable field.

You Are Trained by Experts

You quickly qualify you for work in all branches of radio service. National's training quarters are the largest, best equipped and most up-to-date in this part of the country. Headed by K. G. Ormiston, our radio faculty is made up of experts. We give you unlimited Employment Service, Lifetime Technical Consultation Service, and numerous prer features only National can offer you. Ask about our Part-time Employment Plan. Visitors Always Welcome.

Special Day and Night Classes for Beginners and Advanced Students

Sunday and Thursday night classes are open to an employed during the day, wishing beginner or advanced instruction in all radio service branches.

MAIL THIS COUPON FOR FREE BOOKLET

RADIO DIVISION
National Electrical School,
1006 South Figueroa Street, Los Angeles.

Please send me your NEW RADIO BOOKLET and full details without obligation.

Name
Address
City

K. G. Ormiston, recognized as one of the country's foremost radio technicians, has been named Director of the Radio Division of National by Pres. J. A. Rosenkranz.

This interesting booklet describing conditions in the Radio Industry sent FREE upon request.

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You Are Trained by Experts

Quickly qualify you for work in all branches of radio service. National's training quarters are the largest, best equipped and most up-to-date in this part of the country. Headed by K. G. Ormiston, our radio faculty is made up of experts. We give you unlimited Employment Service, Lifetime Technical Consultation Service, and numerous features only National can offer you. Ask about our Part-time Employment Plan. Visitors Always Welcome.

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Monday and Thursday night classes are open to men employed during the day, wishing beginner or advanced instruction in all radio service branches.

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Please send me your NEW RADIO BOOKLET and full details without obligation.

Name ____________________________
Address ____________________________
City ____________________________

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This interesting booklet describing conditions in the Radio Industry sent FREE upon request.
This is a new department devoted to the exchange of information concerning the broadcast stations, changes in frequency, call letters and power, just how and when to tune in those "hard to get" DX stations, useful tips concerning installation or operation of radio receivers, and in general, a column of live, interesting information for the fan who wants to be helpful to his brethren. We are depending upon our readers to keep the pot boiling by sending in suitable material for this column.

-K. G. O.

A. E. Armstrong, who suggested this new department, has sent in the following helpful tips concerning DX:

WWVA, Wheeling, West Virginia, 258 meters, Saturday, 8 to 9 p. m., Pacific time.

KVOO, Tulsa, Okla., 263 meters, Saturday, 8 to 10 p. m., Pacific time.

WAPI, Birmingham, Alabama, 263 meters, Sunday, 6 to 9 p. m., Pacific time.

The above station evidently come in regularly at these hours. In addition, I picked up WIOD, Miami Beach, Florida, 230 meters, after midnight, Saturday. Whether this is a regular thing I don't know. I think it is, however, for they did not have a frolic on. They came in very clear and announced the station after each number.

KOCW, Chickasha, Okla., 214 meters, every Saturday night. Sign off about 12:30 Pacific Standard time.

KGIR, Butte, Mont., every Saturday night, after 12.

Radio Doings:

I read in this week's Radio Doings that you are going to have an "Around the Dial" page.

WOWO in Ft. Wayne, on Sunday nights, are on until 9 o'clock (P. T.). Other nights they range from 8 o'clock to 8:30.

WHO in Des Moines on Sunday nights can be heard until 10 p. m. (P. T.). On Saturdays at 8:30 (P. T.) they have a comic opera hour.

WOI in Ames is heard at 5:00 a.m. (P. T.). They come in near KFI, as you know.

Mr. Armstrong knew his stuff when he wrote that letter.

RAYMOND CORBETT.
619 Twelfth St., Sacramento, Calif.

H. Dallas Johnson writes to ask about a foreign station he heard on 1360 kilocycles at 2 a.m., December 24. He could not understand the language nor get the call letters. Can anyone help him out?

"'Round the Dial,"
Care Radio Doings.

In answer to T. R. K.'s complaint in the Q. and A. department of the Radio Doings issue dated December 28, regarding the age-old discussion of local "Nite Owl" stations vs. DX stations.

This very question has come up many times in the past and I suppose that as newcomers enroll in the great organization known as the "DX Club" the same question will continue to be asked. However, please let me offer an answer along with Mr. Ormitson's.

I have burned many gallons of "midnight oil" getting DX over a period of two years, and although the three locals stated by T. R. K. do blanket a couple of DX stations, the greater number of DX stations are to be found in other frequencies. The three stations mentioned by T. R. K. are all on the higher frequencies coming in nearly all together. This, therefore, leaves the balance of the dial open, and this open space on the dial surely covers a great area. Many DX stations are to be found in this open space.

Another thing to take into consideration is that if T. R. K. is really a dyed-in-the-wool DX fan, he should be aware of the fact that most of our real DX hunting takes place between the hours of 7 p.m. and midnight when we have ALL of the local stations to contend with. If he reads the Radio Doings DX department he will note that most of the prize lists submitted carry the notation that, with the exception of trans-Pacific stations, the majority of the DX stations heard were before the hour of midnight, when there are very few blank spaces on the dial.

www.americanradiohistory.com
Then is when the real DX fan scratches his head, consults the Radio Doings Call Book, lights another cigarette, and wonders where he can find another DX station.

My idea of DX fun is to bring in DX when the sledding is tough. The thrill is greater when you hear a DX station that you bring in while a lot of locals are on (especially one that you have not logged before). We can appreciate T. R. K.'s feelings, for we all have been through the mill, as he is now going, but I feel sure he will have a change of spirit when he fully realizes just what DX hunting means.

EDWARD ROTH.

1358 Wholesale St., Los Angeles, Calif.

League of Nations Meeting to Be Broadcast

The League of Nations Tenth Anniversary Mass Meeting, to be held Sunday afternoon, January 5, at 3 o'clock, will be broadcast directly from the Metropolitan Opera House in New York City over WABC and a nation-wide network of stations associated with the Columbia Broadcasting System.

General Jan Christiaan Smuts, noted Boer general and former Secretary of State and Prime Minister of South Africa, and later one of the great figures at the Paris Peace Conference, will be the principal speaker. There also will be short addresses by President Nicholas Murray Butler of Columbia University and former Secretary of War Newton D. Baker of Cleveland. The presiding officer is to be the Hon. George W. Wickersham, former Attorney-General of the United States.

The proceedings will last for two hours, and all of the proceedings will be broadcast over the Columbia network from coast to coast. Microphones will be installed at strategic points along the stage of the Metropolitan Opera House so as to pick up every detail of this important event.

King George to Be Heard On NBC

The National Broadcasting Company will attempt to pick up and rebroadcast through its networks in this country the address of King George of England when he opens the five-power naval parley in London, January 21, it was announced.

King George is to speak in the royal gallery of the House of Lords at 11 o'clock in the morning, British time, January 21. This will mean that his address will be heard about 6 o'clock in the morning in the eastern part of the United States and still earlier in the middle and far west.

The King has given his permission to have his address broadcast by the British Broadcasting Corporation, which will send his words on short waves to the United States, where the speech will be rebroadcast if successfully picked up.

"Around the Dial" Editor,

I read with interest of your new department. I'm sure it will be greatly appreciated by all DX fans. Following are a few helping hints that I will pass on, and, as I am quite a fan, this will only be a starter. I am out for the 100-watt stations, and I hope to benefit by your department.

CKMO, CKWX, Vancouver, 11 p. m., 1-2 a. m., alternate nights.
KLZ, 1000 Watts, Dupont, Colo., 4:30 p. m.
XFI, 1000 watts, Mexico City, Mondays, 6 a. m.
WSUI, 500 watts, Iowa City, Friday, 11 a. m.; Saturday, 11-2 a. m.
CJJC, 500 watts, Calgary, Thursdays, 12 m., 2 a. m.
CMK, Havana, Mondays, Wednesdays, Sundays, 6:30 p. m.-8 p. m.
CME, 500 watts, Havana, Thursdays, 6:30, 8 p. m.
WWL, 5000 watts, New Orleans, 5-7 p. m.
WBT, 5000 watts, Charlotte, 7-8 p. m.
KWG, 100 watts, Stockton, Friday, 12 noon.
KCRC, 100 watts, Enid, Okla., Friday, 12 noon, 2 a. m.
KOH, 100 watts, Reno, Nev., Thursday, 12 noon, 2 a. m.
KSO, 500 watts, Clarinda, Iowa, Friday, 1 a. m.
WFIV, 1000 watts, Hopkinsville, Ky., Thursday, after 12 midnight.
KSAT, Forth Worth, Texas, 5-6 a. m.
I hope this will be of some help to others. There are many stations which have all night programs, but these are the only ones I can call to mind at the present. MRS. J. H. McBRIDE, Santa Barbara, Calif.
International Rebroadcasts Highly Successful

Officials and engineers of the National Broadcasting Company saw their most optimistic hopes realized on Christmas Day when three programs from Europe were successfully picked up and rebroadcast over American networks within the space of three hours. American listeners heard programs originating in Holland, Germany and England.

All previous records for quality in reception and rebroadcasting of programs of foreign origin were broken during the series of foreign presentations. Every word spoken or sung across the Atlantic was as intelligible as if the sounds had been uttered in an American studio.

M. H. Aylesworth, president of NBC, declared the rebroadcasts signaled a new epoch not only in broadcasting but in international relations and understanding.

The program from Holland went on the air at 9 a.m., P. S. T., Christmas Day and lasted 31 minutes. The German program was heard from 9:45 until 10:15 o'clock, and the British program, though only scheduled for 30 minutes, was allowed to run an hour on NBC's networks because of the excellent quality of the reception.

Previous to the programs from abroad artists in NBC's New York studios presented an hour's program dedicated to England, Holland and Belgium. This program was heard from 8 until 9 o'clock.

Captain Hill Going To The Philippines

Capt. Guy Hill, U. S. A., who has been acting as a borrowed chief engineer of the Radio Commission this year, has been ordered to duty in the Philippine Islands by the War Department, effective next May. It is expected that the new Chief Engineer's post created by the Radio Bill just passed by Congress will be filled by that time.

National MB-29

The radio owner who knows, looks for a manufacturer experienced in radio.

The maker of the National MB-29 fills that bill. National Co., Inc., first made the names of Browning and Drake known in radio.

The discerning buyer looks for design and performance in advance of the general run.

He finds it in the MB-29 with its four screen grid R.F. tubes giving enormous distance even without antenna—its new design linear power detection (for getting the best out of the latest high-percentage broadcast modulation), its band-selector tuning for selectivity without loss of quality, and its magnificent precision-built shielded aluminum chassis.

The really discriminating purchaser looks for an audio system capable of reproducing for his ears the timbre and power of each separate instrument or voice, alone or in combination, from the merest whisper to the huge volume of a symphonic or operatic finale.

The Velvetone amplifier of the National MB-29 has such an audio system. Built with two of the new UX-245's in push-pull, with liberal margin of power supply and generous factors of safety, this R. C. A. licensed instrument delivers to the loud-sponsor everything that goes into the broadcast.

Add a high-grade speaker (and a phonograph pick-up if you wish) and you have every element of an ideal radio or radio-phonograph.

CeCo's Assets Increase Hundred Fold in 5 Years

The unparalleled expansion of the tube division of the radio industry is emphatically evidenced in a comparison of the assets of the CeCo Manufacturing Co., of Providence, for the years of 1924 and 1929.

The balance sheet of 1924 showed assets of approximately $24,000.

The balance sheets, as of October, 1929, showed assets of approximately $2,500,000.

New Call Book Now Ready!

www.americanradiohistory.com
Pilot AC Super-Wasp

The pilot AC Super-Wasp is the first really successful all-electric short wave receiver. It is hum-less, and has greater sensitivity than the famous battery operated Super-Wasp. The short-wave transmitters of WGY, WABC, KDKA, WENR, KGO and CJRX, together with many foreign stations, can be brought in with good quality and practically no static. The addition of a power amplifier and dynamic speaker makes possible the playing of New York stations for entertainment purposes. Next week's issue will give actual details of the performance of this set in Los Angeles, and constructional information. Sooner or later, every real DX fan will own a short-wave set in addition to his broadcast receiver.

National MB-29

This is the schematic wiring diagram of the powerful and highly sensitive tuning unit employing four screen grid tubes and a 27 power detector designed by James Millen and Glen Browning. Combined with the National Velvetone amplifier it is indeed radio de luxe. (See opposite page.)
Another Special Contest!

Our great family of DX Club members have entered into the spirit of the special DX contests with so much interest and enjoyment that we have decided to continue them throughout the season. Remember, however, that the regular DX Club prizes for the fattest and best logs continue each week.

Keller-Fuller "Radiette"

A Sunset aerial, a Sunset ground and a Sylvania tube are given away every week for the three best letters covering reception over any period. The special contests are for the best logs obtained from sunset to dawn on some particular night, which we specify, and a grand prize of a radio set is offered.

The next special contest will be on the night of January 11th and the early morning of the 12th. All letters must be in our hands by Friday, January 17th, and the prize-winning letters will be published in our issue of January 25th.

And now... for the Grand Prize! The Keller-Fuller Manufacturing Company of Los Angeles has generously donated one of their new "Radiette" receivers. This is a handsome little all-electric table model, housed in a modernistic metal cabinet. It has good tone quality and selectivity, and is a set that anyone would be proud to own.

The contest is open to all of Radio Doings readers everywhere. Your log for the night must show the time each station was heard and the name of the selection heard. In judging letters, we take all things into consideration, such as location, adverse conditions, etc.

FIRST PRIZE

Sunset Aerial, Courtesy Sunset Mfg. Co.

Dec. 24, 1929.

DX Club:
For the past month I have been on a fishing trip, fishing for DX stations. For tackle I used an A-K-60, fifty feet of 14 copper wire for line and a good old Radio Doings Call Book for bait. I made the following catches:

Down in Mexico I caught the following: XFX, XEN, XEB.

Un in the Northwest: CFCT, CNRC, CKWX, CJCJ, CNRV, CFCN.

Over in the Orient: JOAK, JOBK, JOGK, JOIK.

After traveling the country over, I tried fishing in the good old U. S. A. Here is my catch:

Pacific Western States: KGA, KWSC, KOY, KGAR, KLO, KGIR, KMO,

BT Counterphase 8—World’s Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 1032 North Orange Dr. GRanite 9915.
DX Club--Continued

KFUP, KTBR, KDL, KOL, KFUM, KIDO, KDREN, KEX, KOB, KSL, KJR, KFEL, KON, KOMO, KSEI, KPOF, KOA, KFAD, KGW, KHQ, KUOM, KLF, KOAC.

Middle West and Valley: WCKY, KTS, KG, KWK, KSCJ, WDAC, WIBW, KTS, WDAY, KORN, WOAI, KTNT, WOWO, KOV, KOOS, KMOX, KFBB, KRLD, KLY, WHO, WOC, KMCB, KPRC, WENR, WHAS, WCCO, WBAP, WFAA, WBBM, KFAB, W. J. R, KMMJ, WGN, WMAQ, WDAF, WOW, WNAK, WDAQ.

Eastern States: WHK, WTAM, KDKA, WEAF, WLW, WGY.
Southern States: WLAC, KTBS, KWKBX, WWL, WSB, WSM.

I have logged 36 stations in California but am not listing them on account of space. I have either EKCO stamps or else verification letters from nearly all stations. Some stations I had to try night after night to bring them in clearly, but it was worth the try. Just wait till it rains. Yours truly.

E. ROTH.
411 E. Ave, 28, Los Angeles, Calif.

SECOND PRIZE

Sunset Ground, Courtesy Sunset Mfg. Co.

Dec. 23, 1929.

DX Club:

I have been a subscriber and ardent reader of Radio Doings for the past three years. Being classified a DX hound, naturally I get a big kick out of your DX Club column. Not wanting to be elected a member of the "Ananias" Club, have refrained from sending in my log. I have played numerous sets, both A.C. and battery, and want to say that I'll take the battery type for mine every time, when it comes to really reaching out for distance, and then at least have the pleasure of hearing the programs and the station announcements without a pair of ear 'phones glued to my head or having to stand on my ear to catch the call letters.

For the past two years my prize "go-getter" set has been a Super, built by a fellow called Jack Cheney of 1759 West 39th street, and is operated with a wet "A" and a "B" eliminator. I don't have to pack up the whole works and cart it down to some known good location, but have the pleasure of en-

joying my own "fireside." Neither do I have to move to Japan or Australia to listen to those babies. I don't want to burden you with a long log, but I would like to see some of these "high powered" DXers try some of these on their A.C. sets while the locals or other strong coast stations are doing their stuff and really get clear reception: KDB, WLAC, KGA, KLO, KMO, KFBB, KDL, KOL, KEX, WOWO, KSL, KMOX, WBT, WTAM, KQW, KDKA, KJR, KOMO, KFXF, KFWI, KKLX, WENR, WHAS, WCCO, WBAP, WBBM, KVI, WJR, WSB, XEN, CMC, WGN, WFAA, WMAQ, KFAB, KDKH, KTAB, KOAC and KGIG. Of course, when it comes to the Japs and Ausies, it is necessary to wait until the early morning hours on account of the difference in time. The following are the foreign stations I am playing: 5CL, 2BL, JOAK, JOK, JOFK, JOK and JQAK.

Want to say that Radio Doings is in a class by itself and certainly helps the fellow that does any real "fishing."

RALPH FRANK.
131 S. Wilton Place, Los Angeles.

THIRD PRIZE

One Sylvania Tube, Courtesy Sylvania Products Company

DX Club:

I have been a reader of the little Red Book of Radio some 2½ years. The first thing I look for is the DX Club, may it continue to grow bigger and better.

This is my first letter, and I hope it qualifies me as a member, if not one of the prizes.

I am using a 65-foot outside aerial, water pipe as ground, with about 14 feet of ground wire and a Philco table Model No. 511.

I am omitting some 32 local and California stations that I do not consider true DX.

The majority of these stations have been logged before 11 p.m., though the Japanese were logged between 3 and 3:50 in the morning of November 7th. Here goes: WWVA, WSB WWO, WOR, WOC, WMAQ, W1W, WLS, WLAC, WKY, WJR, WNO, WHAS, WGN, WFW, WFAA, WENR, WCCO, WBT, WBBM, WBAP, KKL, KWKH, KVI, KTHS, KSL, KRL, DGW, KHQ.

(Continued on Page 29)
A Dealer Sounds Out Dynamics

By A Radio Dealer

(Continued from last week)

One of the most interesting phases of the manufacture lay in the automatic machines. These lathes turned, cut, drilled, tapped and finished cores without a workman near.

The problem of designing the speaker loomed as one most fascinating and complex, and I inquired further about it. By this time I had the basic theory pretty well in mind, but the question of why some speakers were better than others, when all operated on the same basic theory, still puzzled me. So my guide explained some of the problems of design to me.

He explained to me that in a theoretically perfect speaker the diaphragm would be massless, of infinite size, totally rigid, and would operate without friction and with no load except the resistance of the air or "air-load." This, he explained, was Sabin's specification. In addition, there was the problem of keeping the electrical factors constant. A speaker, he told me, should furnish a pure resistance load equal to twice the output tube impedance. Although I was getting pretty deep into technical terms, I was not so deep that I did not realize the practical impossibility of these theoretical specifications. It seemed to me very much like the old riddle of the irresistible force and the immovable obstacle. How these theoretical impossibilities are overcome by making the errors compensate for each other, struck me as a marvel of ingenuity, particularly when I realized that a speaker must reproduce ALL the notes of the audible scale and must in addition be sensitive and strong.

My guide explained that, though we cannot obtain a weightless diaphragm, we can approach it through a light paper cone which is both strong and rigid. The weight is compensated for by suspension. These speakers employ a suspension of light, flexible bakelite, for which size, thickness and other factors have been carefully worked out by several years of hard work.

I wrote down the next thing that my guide told me, and here it is:

"Anyone familiar with electrical measurements knows that to balance an inductance, a capacity can be added to form a network with the characteristics of a pure resistance. A close analogy can be drawn, using mechanical constants. A weight and a springy suspension can be combined to react as would a weightless, springless suspension.

"Similarly, in the Magnavox speaker, the weight of the moving system was carefully determined, the smallest, of course, consistent with strength. Then the suspension, both the bakelite spider near the apex of the cone and the cone flange material, was designed to compensate for that weight."

I learned, too, that the diaphragm must vibrate like a piston and not like a sail in the wind. The cone material and the shape determined its action—and if the cone material is practically rigid, other factors can be used to compensate and so insure actual reproduction of sound as it was in the beginning.

My guide was eighteen years ahead of me in making speakers and understanding the theory of them, for he had been at it in the Magnavox plant since 1911, but I was still in the ring, and hungry for more.

He touched on some other points affecting perfect reproduction. The magnetic strength, I learned, must be carefully chosen. If a wire is moved in a magnetic field, there is a voltage induced in this wire that opposes the flow of current which caused it to move originally. In the speaker, this induced voltage opposes the flow of current from the radio set. It is governed by the magnetic field strength, the velocity of motion, and the length of the wire—in the speaker, that is, by the strength of the field coil, by the length of wire in the moving coil, and by the particular note being reproduced at any instant. Furthermore, the field strength itself is determined by the dimensions of the air-gap in which the moving coil operates. From this point on I was lost. Then it was that I realized the value of many, many years of experience which these quiet, unassuming engineers had behind them, and of the monastic air of the laboratories in which their discoveries are made.

(Continued on Page 62)
THE STUDIO

Loren Powell (left) needs no introduction to Southern California radio audiences, being famed throughout the land as director of the Loren Powell Little Symphony Orchestra, which is ranked as one of the outstanding musical aggregations of the West. The orchestra is composed entirely of members of the Los Angeles Philharmonic Orchestra. Mr. Powell is at present Musical Director of KMTR, over which station the Little Symphony is regularly featured.

At the head of the class, when it comes to dance music and close harmony trio work, is Earl Burtnett's Biltmore Hotel Orchestra (above) which plays nightly, except Sunday, from 10:00 until midnight over KHJ, and on several nights the Don Lee System takes the music to northern listeners through KFRC, KMJ and KVI.
.... Speed... Accuracy ... Skill

in trouble-shooting

"Amazing!" That's the way radio technical men speak of the SUPREME DIAGNOMETER. Its numerous remarkable qualities have brought the complete facilities of the laboratory to the home of the set-owner—adding speed and accuracy to the skill of the service man. No other device approaches it in flexibility, completeness and range. Set testers check only 29%-40% efficient in comparison with its capacity. Comes in handy carrying case providing compartments for all tools and spare tubes, or at the option of the purchaser, in an even smaller case, for the service-man who does not wish to carry tools and tubes in the same unit.

and now, the most practical laboratory test panel

In keeping with SUPREME standards, unquestionably the most advanced test panel ever produced. Of heavy re-inforced Bakelite, it adds to the trim workmanlike appearance of laboratory or shop and assures sturdy service. Makes the DIAGNOMETER a dual purpose instrument—shop or portable service—instantly disconnectable.

Most good distributors stock the Supreme. If yours cannot supply you, address, for full information, without obligation,

SUPREME INSTRUMENTS CORPORATION
355 Supreme Bldg.
Greenwood, Miss.

SUPREME
Radio Diagnometer

Makes every conceivable test on any Radio Set—
Modern Device Aids Service Men to Locate Radio Trouble

Scientific and systematic methods of locating and remedying faults in radio receivers have been developed to such a fine point that they now exceed in precision, speed and efficiency, the methods used in testing all other types of electrical apparatus.

Intensive research has placed in the hands of radio service men an instrument capable of diagnosing every trouble which may occur in any kind of a radio set. This device, known as the Supreme Diagnometer, is a veritable portable laboratory. Just as the clinical thermometer, the stethoscope and the X-ray aid the physician in locating trouble in the human body, the Diagnometer helps the service man to find elusive faults in the radio receiver. The physicians’ many instruments, although precise, are in most cases only partially efficient. The service man’s Diagnometer, however, is capable of making all conceivable radio tests. This instrument is so efficient and can be operated with such rapidity, that it seems to give the service man a sixth sense. It records the performance of any part of any radio, accurately and faithfully, ferreting out the weak points and directing the repair man to the parts requiring his attention.

The Diagnometer has added to the dignity of the service man, giving his calling a professional aspect. The owner of a Diagnometer does not need to master difficult theory in order to excel in his chosen work. He needs no college education, no knowledge of higher mathematics. All he does require, in addition to the all-important Diagnometer, is the plain common sense necessary to follow the simple directions in the Supreme Instruction Manual.

The Diagnometer, although capable of performing so many difficult tests, is so easy to operate that it can be used to locate radio troubles by the average man, within ten minutes after it has been unpacked.

(Continued on Page 28)
These Show the Way!

Radio Doings

guides you to the Western programs, studio news, station logs, and lots of other interesting things to know when tuning in. It is now combined with:

RADIO NEWS

the famous National Radio Monthly, which gives you illustrated technical information, news of national radio affairs, fascinating articles, and many additional departments. Both magazines are offered at a

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Address

State

(Dealers are especially invited to make use of these authorities covering the entire field of radio.)
<table>
<thead>
<tr>
<th>Call</th>
<th>Location</th>
<th>Time</th>
<th>Frequency</th>
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<tbody>
<tr>
<td>WDAF</td>
<td>Kansas City, Mo.</td>
<td>6:00-11:00</td>
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<tr>
<td>WSM</td>
<td>Nashville, Tenn.</td>
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<td>WMAQ</td>
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<td>WGR</td>
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<td>New York, N. Y.</td>
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<td>KFAB</td>
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<td>WNNR</td>
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<td>WBBM</td>
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<td>WSTP</td>
<td>Nashville, Tenn.</td>
<td>6:00-11:00</td>
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The opening and closing hour of the evening broadcast is given as it is unlikely that these stations can be heard on Pacific Coast prior to 5:00 P. M. P. & T.
The fact that it is now possible to record radio programs in the home by means of a dictaphone was recently demonstrated by E. J. Murphy, manager of the Dictaphone Sales Corp. Mr. Murphy is here shown recording a program as reproduced by a Sparton, Model 301. The gentleman who is watching the proceedings is none other than Walter M. Fagan, president of Pacific Wholesale, Inc., Sparton distributors.
QUESTION—We set our dials between 730 and 740 kilocycles and distinctly heard the announcer say “Havana, Cuba,” several times. We heard them play “Do Something” and “Glad Rag Doll” between 7:30 and 9 p.m. He talked too fast when he announced the call letters. We cannot find a Cuban station listed near these kilocycles and we wondered if you could tell us what this mystery station can be.

MR. AND MRS. R. E. DOLE,
Eagle Rock, Calif.

ANSWER—We have no listing of a Cuban station near this frequency, but it is the dial setting where XEN is received and it may be possible that XEN was presenting a program which involved the repetition of the words “Havana, Cuba.” We have had other letters exactly similar to yours, and one correspondent went so far as to say that he was positive that it was not XEN. We would appreciate any definite information regarding this from our readers.

QUESTION—Am trying out a Majestic No. 91 and it is about as good an outfit as I have heard or tried, but last night I had an experience that mystified me and which I would like to have you throw light on.

I experimented with a short stub of a wire and a four-foot loop and was doing fine when it occurred to me to try the thing without any antenna at all, and to my surprise the 1000-watters and over of our locals came in with volume to spare, without any antenna and with ground where it belongs. I then got the bright idea to disconnect the ground also and, to my surprise, the aforesaid stations came in with more volume than before. Where did this volume come from? Except for the light socket connection, the set was absolutely disconnected from everything. As well shielded as the Majestic is, I see no way for it to pick up anything except through the electric connection to light socket.

J. G. S., San Dimas, Calif.

ANSWER—Under the conditions described in your letter, the lighting system lines are serving as an antenna. When you had the ground wire connected to the ground post, you were in a large measure grounding the radio energy fed to the set from the lighting lines because they are inductively electrostatically coupled with the cathode end of the grid coils. By moving the ground wire to the antenna post you get the full advantage of the radio energy from the lighting circuit. No manufacturer has as yet completely filtered the radio energy out of the AC supply to the set. Many use electrostatic shields in the power transformer but this is not sufficient. What is needed is a radio frequency choke of very low distributed capacity, and suitable by-pass condensers to ground. This choke should be designed with the power pack of the set. If the set owner attempts to build or add an efficient choke, there is bound to be a drop in voltage, which will result in the tubes operating below their normal cathode temperature.

JACK CHENEY
DEPENDABLE SERVICE
"On All Makes of Radio"
SHORT WAVE—KITS—SETS, ASSEMBLED AND BALANCED
1759 West 39th Los Angeles, Calif. UNiversity 6088
Supreme Diagnometer

(Continued from Page 23)

All the working components of the Diagnometer are contained within a hardwood instrument tray measuring 4½ inches by 5½ inches by 17¾ inches. This fits into a substantial carrying case, which has compartments for all tools, spare parts, tubes, etc., needed by the service man. The carrying case, completely equipped, weighs only twenty pounds. The instrument tray has a bakelite panel on which are mounted three precision meters of the very highest quality. One of these is a four scale d.c. voltmeter, one a four scale a.c. voltmeter and one a three scale ammeter—milli-ammeter. All the meters are housed in bakelite cases. Master plunger type of switching control is provided. Pin jacks for an oscillator coil are situated at the left portion of the instrument panel, while the tube testing sockets are located at the right. A self-contained power plant consisting of a step-down transformer, is built directly into the Diagnometer. The primary connects to the house lighting circuit, while a tapped secondary is used to provide any voltage which may be required for testing any type of tube. By means of selective switching, the desired voltage may be applied at will to the tube testing sockets. Line voltage readings may be taken at any time during tests, through the use of a master plunger. Protective resistances and other protective devices are provided for all meters. The step-down transformer is also used to operate a tube rejuvenator. In addition, it supplies current for the oscillator. Connecting cables, plugs, tube sockets and adaptors are provided to facilitate the testing of various tubes and circuits. A universal analyzer plug of ingenious construction, permits socket analysis, regardless of the type of socket (UX or UY), with all connections brought into the Diagnometer through the same cable.

A demonstration of the multitude of tests which can be made by the Diagnometer will gladly be given for all dealers, service-men, students, or other interested parties, at Kierulff & Ravenscroft, wholesale distributors, 135 W. 17th Street, Los Angeles.
(Continued from Page 19)
KJR, KLZ, KMMJ, KMOX, KOA, KOAC, KOB, KON, KOL, KPJM, KGA, KFXF, KDKA, KEX, KFEL, KJFJ, KFKB.

Canadians: CFCT, CHLS, CKCD, CKWX, CNRV, CJOR, CNRE.

Japanese: JOAK, JOBK, JOIK, JOCK.

Mexican: XEN.

These stations have all been logged this fall. I consider it too late to name stations of last season.

I am going to try for the grand prize contest night of Dec. 14th, but hope this wins an honorable mention anyway.

CONLEY FOSTER, 904 Obispo Avenue, Long Beach, Calif.

DX Club:
I have been a reader of Radio Doings now for over a year and it seems to get better with every issue.

I have a log of 91 stations in a circle from Calgary, Canada; Hamilton, Canada; Cincinnati, Ohio; Shreveport, La.; Fort Worth, Texas; Los Angeles, Cal.; and up the coast to Vancouver, B. C.

As I have not had any success in getting Japan or the islands, I have started a daylight log; and as I write this I am and have been listening to the following stations with good clarity:

WCCO, St. Paul; KOA, Denver; KFBB, Great Falls, Mont.; KGEZ, Kalispell, Mont.; KJR, Seattle; KGA, Spokane; KGW, Portland; KPO, San Francisco.

It is now 2:15 p. m. and I'll go down the dial and see if any more are coming in.

KSL, Salt Lake; KOMO, Seattle. The longest distance is possibly between 1500 and 2000 miles for daylight reception, to Denver, with my nearest station at Great Falls, Mont, 200 miles. Let's hear of much better daylight reception, especially in the middle of the day.

My set is a Kolster 6-tube, using a 17-strand ribbon aerial.

FRANK S. HAIT.

728 Vine St., Missoula, Mont.

DX Club:
As everyone with their custom-built Superhetrodynes and their screen grid sets seems to be trying to outdo their neighbor in DX hunting, I thought I would submit a few lines about what I do on local stuff with a little distance thrown in, plus interference from four directions.

To begin with, I have an eight-tube Jackson Bell Lowboy. I am located half a block from a P. E. sub-station, and two blocks each way from tool shops, which employ a lot of electric welding and run twenty-four hours. So here's my little list gathered up the other night:

KOAC, KPO, WBT, KFRC, WLW, KQW, WOC, KOB, KSL, WFAA, WHAS, KDB, KFXF, KON, KGO, WSM, KGA, KWJJ, KWKH, KVI, WTIC, WIBW, KFKB, KFNF, KOA, CKGW.

W. L. MORRIS, 212 E. Ash St., Brea, Calif.

DX Club:
This is my second DX letter I have written in. The other was about three months ago. I received your letter saying you received my first DX report and want to thank you for the station-finding chart, as it is most valuable, and also the little Red Book of Radio Doings is certainly a great help in locating distant stations. I have been reading Radio Doings for the past three or four years and think it is just the thing. I have been watching with eagerness to see my letter in the DX Club column but have not seen it as yet, but realize you have many hundreds of such letters to read, and so will wait patiently. I have the model R-4 of the new Edison Light-O-Matic type and will say I like it very much.

Here is list of stations received since October 14 to present date. These are stations outside of Los Angeles.

WLAC, WCKY, WJAZ, KGA, KGB, KGQ, KMJ, KOB, KEX, KMOX, KFBB, KQW, WOAI, WOC, WHO, KYA, KFWI, KJR, KPFWM, KWKH, KOA, WHAS, WCCO, WBAP, WFAA, KGO, KVI, WGN, WLIB, WLW, KPO, KFRC, KFSD, KHQ, KOAC, KTB, KON, WLS, VENR, WJR, KDYL, XEN, KFKB, KFAB, WKY, KMA, KFEL, KMMJ, WAAW, WNAX, WOI, KSL.

I have also heard about four different Japan stations, but did not hear them announce call letters. The last ten named stations were received in morning about 5 o'clock, and of course also the Japs. I think this is very good reception for the location.

HARRY C. STEWART, 1301 W. 51st St., Los Angeles, Calif.
The essential features of these programs are identical with those sent us by the stations

National Broadcasting Co., Inc.
PACIFIC COAST NETWORK

KFI KECA KPO
KGO KGW KOMO
KHQ KOA KSL

Charles H. Gabriel, Jr.
Program Director

Jennings Pierce
Chief Announcer
and Program Director

CHARLES H. GABRIEL, JR.

DAILY EXCEPT SUNDAY

8:00 a.m. — Revelle, KGO.
10:30 a.m. — "Women's Magazine of the Air." (except Mon., Tues., and Sat.).
8:30 p.m. — Amos 'n Andy, KGO, KHQ, KOMO, KGW, KECA.

SUNDAY, JANUARY 5

11:00 a.m. — Grace Cathedral Services. KGO.
12:00 noon — National Youth Conference. KGO, KHQ, KGW, KOJO.
1:00 p.m. — Cathedral Hour. KGO, KHQ, KOMO.
(KGW: 1:30 to 2:00 p.m.).
2:30 p.m. — Sunday Concert. KGO, KHQ, KOMO.
5:00 p.m. — Concert. KGO, KHQ, KOMO.
4:00 p.m. — Musical Muskeeters. KGO, KPO.
4:30 p.m. — Duo Disc program. KGO, KHQ, KOMO.
5:00 p.m. — San Jose Telefoma. KITI, KOMO, KGW, KPO, KFI.
6:00 p.m. — News Service. KGO.
6:15 p.m. — Atwater Kent Concert. KOMO, KGK, KFI, KFI.
6:15 p.m. — "Guest of the Drama. KGO.
6:15 p.m. — Collier's Radio Hour. KHQ, KOMO.
KGO, KGW, KPH.
6:30 p.m. — "Songs Without Words." KGO.
6:45 p.m. — Stanislaus Bell's Little Symphony. KGO.
7:15 p.m. — "Steinheuler Champions. KGO, KHQ.
KOMO, KGW, KFI.
7:45 p.m. — Sunday at Seth Parker's. KGO.
8:15 p.m. — The Pilgrims. KGO.
9:00 p.m. — Borden program. KGO, KHQ, KOMO.
KGW, KFI, KRL, KOA.
9:30 p.m. — The Reader's Guide. KGO, KOMO, KOA.
10:00 p.m. — The Gay Classics. KGO, KOMO, KECQ, KOA.

MONDAY, JANUARY 6

11:30 a.m. — NBC Philharmonic Organ Recital. KGO.
12:00 noon — Rembrandt Trio. KGO.
1:00 p.m. — The NBC Debut Hour. KGO.
1:30 p.m. — Pacific Vaudeville. KGO, KGW.
2:30 p.m. — Matinee Time. KGO.
3:00 p.m. — Mormon Tabernacle Choir and Organ. KGO, KOMO, KGW, KPO.
3:30 p.m. — Studio Personalities. KGO.
3:45 p.m. — California Federation of Women's Clubs. KGO, KECA.
4:15 p.m. — Evening Reveries. KGO.
4:45 p.m. — Back of the News in Washington. KGW, KGO.
5:00 p.m. — Moment Musical. KGO.
5:45 p.m. — News Service. KGO.
6:00 p.m. — Edison program. KGO, KHQ, KOMO.
KGW, KFI.
6:30 p.m. — General Motors Family Party. KGO, KHQ, KOMO, KGW, KFI.
7:00 p.m. — Strambler-Carlson program. KGO, KHQ, KOMO, KGW, KFI.
7:30 p.m. — "Empire Builders." KGO, KHQ, KOMO, KGW, KFI.
8:00 p.m. — "Paradise Belvedere," KGO, KHQ.
8:30 p.m. — Rudy Seligs' Shell Symphonists. KGO.
KFI, KHQ, KOMO, KGW.
8:45 p.m. — The Jolly Revers. KGO, KECA.
9:00 p.m. — "Voice of Firestone." KGO, KHQ, KOMO, KGW, KFI, KSL, KOA.
9:30 p.m. — "The Cigar Band." KGO, KHQ, KOMO, KGW, KFI.
10:00 p.m. — Thru My Fireplace. KGO, KECA, KSL, KOA.

TUESDAY, JANUARY 7

9:30 a.m. — The Morning Glories. KGO.
9:45 a.m. — Betty Crocker Gold Medal Home Service Talks. KGO, KHQ, KOMO, KGW, KFI.
10:00 a.m. — Sunshine Rays. KGO.
11:30 a.m. — NBC Philharmonic Organ Recital. KGO.
12:00 noon — The Novelty Five. KGO.
2:00 p.m. — Matinee Time. KGO, KGW, KOMO.
3:00 p.m. — Musical Musketeers. KGO.
3:45 p.m. — "Voter's Service." KGO, KHQ, KOMO, KGW.
4:15 p.m. — The Saxophonists. KGO.
4:30 p.m. — Hotel St. Francis Salon Orchestra. KGO.
5:15 p.m. — News Service. KGO.
6:30 p.m. — "Around The World With Libby." KGO, KHQ, KOMO, KGW, KECA.
6:00 p.m. — Eveready Hour. KGO, KHQ, KOMO, KGW.
7:00 p.m. — Clifton Club Estomus. KGO, KHQ, KOMO, KGW, KFI.
7:30 p.m. — "Radio-Kiev Orpheum Hour. KGO, KHQ, KOMO, KGW, KFI.
8:45 p.m. — John and Ned. KGO, KHQ, KOMO, KGW, KECA.
9:00 p.m. — Spotlight Review. KGO, KHQ, KECA.
11:00 p.m. — "Lauscher-Harris Hotel St. Francis Dance Orchestra. KGO, KHQ, KOMO, KGW.

WEDNESDAY, JANUARY 8

10:15 a.m. — Mary Halle Martin's House Period. KGO, KHQ, KOMO, KGW, KFI, KSL, KOA.
11:30 a.m. — NBC Philharmonic Organ Recital. KGO.
12:00 noon — Rembrandt Trio. KGO.
1:00 p.m. — Radio Guild. KGO, KOMO, KGW.
2:00 p.m. — National Woman's Party. KGO, KHQ, KOMO, KGW.
2:15 p.m. — Matinee Time. KGO.
3:00 p.m. — The Cabin Door. KGO, KHQ, KOMO, KGW, KFI.
4:00 p.m. — Hotel St. Francis Salon Orchestra. KGO.
4:30 p.m. — "Westhinghouse Salute. KGO, KHQ, KGW, KFI.
5:00 p.m. — "Pat Three Bears. KGO, KECA.
5:30 p.m. — "News Service. KGO.
5:45 p.m. — "Agricultural program. KGO.
6:00 p.m. — Hallway. Smart program. KGO, KHQ, KFI.
6:30 p.m. — "Palmolive Hour. KGO, KHQ, KOMO, KGW, KFI.
7:00 p.m. — "Roads to Romance." KGO, KHQ, KOMO, KGW, KFI, KFI.
8:45 r. m. — Sunlit Serenaders. KGO, KHQ, KOMO, KFI.
9:15 r. m. — "Hill Rilly Boys. KGO.
9:30 p.m. — "Sunlight" by the National Band. KGO.
10:00 p.m. — "Sports Talk. KGO, KHQ, KECA, KSL, KOA.
10:30 p.m. — "Ballet Christmas." KGO.
10:15 r. m. — "Cotton Blossom Minstrels. KGO, KHQ, KECA, KSL, KOA.
11:00 p.m. — "Lauscher-Harris Hotel St. Francis Dance Orchestra. KGO, KHQ, KGW, KFI.

THURSDAY, JANUARY 9

8:45 a.m. — Betty Crocker Gold Medal Home Service Talks. KGO, KFQ, KOMO, KGW, KFI.
10:00 a.m. — "Women's Magazine of the Air." KGO, KHQ, KOMO, KGW, KFI.
11:00 a.m. — "Women's Magazine of the Air." KGO, KHQ, KOMO, KGW, KFI.
11:45 a.m. — NBC Philharmonic Organ Recital. KGO.
12:00 noon — The Novelty Five. KGO.
1:00 p.m. — "J. S. Arrows Band. KGO, KOMO, KGW.
2:00 p.m. — "The Old Man Sonshine. KGO, KOA.
2:30 p.m. — "House of Myst. KGO, KOMO, KGW, KECA.
3:00 p.m. — "Black and Gold Room Orchestra. KGO, KGW, KFI.
4:00 p.m. — "Hotel St. Francis Salon Orchestra. KGO.
4:45 p.m. — "News Service. KGO.
5:00 p.m. — "Fleischmann Hour. KGO, KHQ, KOMO, KGW, KECA.

(Continued on Page 33)
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4523 So. Western Ave. VERmont 6683
RULES

1. Contest open to any Majestic owner living in Southern California or Arizona.

2. Majestic dealers, their relatives or employees are not eligible to enter station logs for prizes.

3. Letters must state Serial number of Majestic radio owned and name of dealer from whom purchased.

4. Station list must show date and time station was heard, record of selections broadcast by station at that time, and be certified by a Notary Public.

5. Prizes will be awarded, not only on a basis of the size of the log but will take into consideration location, interference conditions, time, etc. The longest log from a good location may be of less merit than a shorter one from a more difficult location.

6. Logs entered by contestants early in the contest may be supplemented by subsequent lists later in the "DX" season.

JUDGES:
K. G. Ormiston, Tech. Ed. Radio Doings
Naylor Rogers, Mgr. Radio Station KNX
Al Farquharson, Sec. L. A. Radio Trades Assn.

PRIZES:
WEEKLY PRIZE  Bouldin Cage Antenna Value $15
GRAND PRIZES
To be Awarded at End of Contest

FIRST PRIZE  $100
SECOND PRIZE  $50
THIRD PRIZE  $25

This Week's Prize

Bouldin Cage Antenna

Majestic DX Contest, Care Radio Doings, Los Angeles, Calif.
I purchased my set from C. Majestic dealer, Azusa. The stations were tuned in less hours' time. Will send in and soon. My set is Model 91 Ma
November 22
WOW, 6:00 p. m.
November 23
WBAP, 4:30 p. m.; KOA, 5:
KDKA, 6:00 p. m.
November 24
KMOX, 6:30 p. m.; WTAM m.; WOC, 8:35 p. m.; WJBT m.; KVI, 7:50 p. m.; KEX, 10:
WBAP, 9:30 p. m.; KOA, 9:
WENR, 9:60 p. m.; KPRC, 10:
KDKA, 8:30 p. m.; WTAM, 8:
KJR, 10:50 p. m.; WLW, 8:
WJR, 10:10 p. m.; WBBM, 10:
KLO, 10:25 p. m.; KGA, 10:
KGW, 10:40 p. m.

MRS. C. L. MAT
511 Monte Vista
Azusa

Los Angeles November 1
Majestic DX Contest, Care Radio Doings.
Gentlemen: Here I am going much time to go fishing,
are a few to shoot at during the busy early evening hours, and congestion, brought in on Majestic No. 71, Serial No. 067244, purchased from De Hoog Bros., 6120 South Broadway, Los Angeles.

KJR, 5:50 p. m.; KOB, 6:25 p. m.; KSL, 6:30 p. m.; WLW, 6:50 p. m.; WBAW, 7:05 p. m.; WSAI, 7:30 p. m.; WBAP, 7:32 p. m.; WHAS, 7:45 p. m.; KOA, 8:00 p. m.; KWKH, 8:45 p. m.; KGW, 9:00 p. m.

California Stations: All locals that were on the air; KTAB, 6:45 p.m.; KTMG, 6:55 p.m.; KFRC, 7:25 p.m.; KBD, 9:20 p.m.; KGB, 9:22 p.m.; KPO, 9:25 p.m.; KGO, 9:30 p.m.

Have to start to work about the time the other folks are casting for the Japs, so will wait until we change hours before I go fishing for them.

Yours truly,
JNO. P. FARLEY,
315 West 65th St.,
Los Angeles, Calif.

Long Beach, Calif.,
November 28, 1929.

Majestic DX,
Radio Contest Judges,
407 East Pico St.,
Los Angeles, Calif.

Gentlemen: I am submitting a few distant stations received by me on my new Majestic, Model 91 Twin.

Kindly note selectivity.

November 23, 1929, P. M.

WLW, 6:55; WTAM, 7:45; KOA, 9:05; WCCO, 10:17; WFAA, 10:25;

KGO, 10:38; KTM, 10:40; WBBM, 10:47; KVI, 10:52; KGO, 10:59; KG, 11:02; KFI, 10:59; KFRC, 11:04; KFSD, 11:08; KMTR, 11:11; KTAB, 11:13; KHQ, 11:15; KWKH, 11:22; KFQZ, 11:25; WENR, 11:31; KJH, 11:32; KFWI, 11:33; KFEL, 11:36; KDR, 11:40; KFVD, 11:42; KRLD, 11:49; KNX, 11:55; KMX, 11:57.

November 25, 1920, P. M.

KOA, 6:20; KDKN, 6:25; KQW, 6:28; WOC, 6:30; WCCO, 7:10; WBAP, 7:11; KGO, 7:12; XEN, 7:25; KFAB, 8:12; KMOX, 8:34; WTAM, 8:37; KGB, 8:45; WENR, 9:26; KLX, 9:29; KWKH, 9:38; KPO, 9:43; KTAB, 9:56; KFRC, 9:48; KFSD, 9:55; KVI, 9:58; WBBM, 10:01; KFWI, 10:10; WMAQ, 10:25.

November 26, 1929, P. M.

XEN, 7:05; WLW, 7:15; KPO, 7:21; KFRC, 7:23; KTAB, 7:25; KOB, 7:28; WOBO, 7:31; KMOX, 7:38; KTAM, 7:46; KQW, 7:55; WWL, 8:07; KOA, 8:10; WBAP, 8:12; KGB, 8:14; KFWM, 8:30; KLX, 8:33; WHAS, 8:59; WFA, 9:12; KVI, 9:21; WBBM, 9:30.

Note: Stopped 9:30—KFQB, Fight.

Trust this meets with your approval.

Very respectfully yours,

FRED M. STURGEON,
35 Atlantic Avenue.
Long Beach, Calif.

CONTEST CLOSES MAY 1, 1930

submitting logs in this contest to Majestic DX Con-
Radio Doings, 407 E. Pico Street, Los Angeles

GAR & WATSON, Inc.
and Arizona
1361 - 63-65 South Figueroa Street, Los Angeles

www.americanradiohistory.com
RCA Radiola
MADE BY THE MAKERS OF THE RADİOTRON

New Radiola
66

one of the finest superheterodynes ever offered. Many refinements. Built-in Electro-dynamic Speaker.

$225
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Call One of These Dealers Today.

LOS ANGELES

Downtown
Barnes Music Co.
344 S. Broadway
TRinity 5223

Birkel Music Co.
446 S. Broadway
VAndike 1241

COLYEARS
507-511 So. Main St.
VAndike 1251

Eastman Kodak Stores, Inc.
643 S. Hill St.
TRinity 0746

Martin Music Co.
734 S. Hill St.
TRinity 9621

Richardson’s
730 W. Seventh St.
TRinity 0194

So. Western Ave.
WESENBERG RADIO MUSIC CO.
3915 So. Western Ave.
VERmont 7929

Southwest
C. & G. Electric & Radio Company
1501 W. Santa Barbara
VERmont 5205
150 N. Larchmont Ave.
GRanite 0338

Highland Park
F & H Radio Shop
5011 York Blvd.
GArfield 8962

Holland Electric Shop
5632 Pasadena Ave.
GArfield 3912

South
De Hoog Brothers
6120 S. Broadway
THornwall 0224

PASADENA
Lee Radio Shop
922 E. Colorado St.
Wakefield 5951
KHJ
Glen H. Dolberg
Manager
Raymond Paige
Musical Director
C. A. Raymond
Commercial Director
Harold Peery
Choir Director
Dick Creeden
Director of Features
Ernest G. Underwood
Technical Director

RAYMOND PAIGE

DAILY EXCEPT SUNDAY

7:30 a.m. — Stock Exchange Quotations.
8:00 a.m. — Morning Variety (except Saturday).
8:30 a.m. — Yoeng's Orchestra. CBS.
9:15 a.m. — Late Recordings.
9:30 a.m. — Feminine Fancies, from KFRC.
10:00 a.m. — Agnes White, "At Our House" (ex. Sat.).
10:15 a.m. — Dinner Hour program.
12:00 noon — L. A. Biltmore Hotel Concert Orchestra.
12:30 p.m. — World-wide News, courtesy L. A. Times.
12:45 p.m. — Organ Recital, Leigh Harline (ex. Wed.).
1:15 p.m. — Charlie Wallman.
2:00 p.m. — H. H. Walker Fada Radio program (ex. Saturday).
3:00 p.m. — Lecture Period.
4:00 p.m. — Melody Masters (ex. Sat. and Sun.).
4:50 p.m. — News items, courtesy Times.
5:20 p.m. — Instrumental Ensemble.
5:30 p.m. — Hank Howe's Dance Band.
10:00 p.m. — News items, courtesy Times.
10:15 p.m. — Earl Burnetts L. A. Biltmore Hotel Concert Orch. and Intermission, courtesy Standard Oil.
12:00 midnight — Organ program by Wesley Tourtellotte.

SUNDAY, JANUARY 5

8:00 a.m. — Recordings.
9:00 a.m. — Morning Services, First M. E. Church.
12:30 p.m. — Terpnezeo program.
2:00 p.m. — McKeeon & Robbins program, CBS.
3:00 p.m. — Frank Moss, Herma Rehears, KFRC.
3:30 p.m. — Grab Bag Hour, from KFRC.
4:30 p.m. — Habbi Edgar Mamin, Inspirational Talk.
5:00 p.m. — Tea Time Three, from KFRC.
5:30 p.m. — Sonatron program, CBS.
6:00 p.m. — Majestic program, CBS.
7:00 p.m. — Royal Typewriting program, CBS.
7:30 p.m. — Modern Melodist, featuring Robert Olsen.
8:00 p.m. — Concert of Sonatron & KFRC.
8:30 p.m. — L. S. Miller program.
9:00 p.m. — Symphonic Revue from KVU, Seattle.
10:00 p.m. — Valley Serenade program, from KFRC.

MONDAY, JANUARY 6

8:00 a.m. — "Love Birds," CBS.
8:15 a.m. — Ben and Helen talk it over, CBS.
8:30 a.m. — Children's Corner, CBS.
9:00 a.m. — Richardson's Music Lovers' Shop.
9:15 a.m. — Columbia Revue.
9:30 a.m. — Patterns in Prints, CBS.
11:00 a.m. — Patterns in Prints. CBS.
11:30 a.m. — Washington Blvd. Furniture Assn.
11:45 a.m. — Normalizer Sales Syndicate.
12:15 p.m. — California Home Extension Bureau.
3:15 p.m. — Mme. Anna Tilly.
3:30 p.m. — "Home Problems."
3:45 p.m. — Elia Allman, "This and That."
4:30 p.m. — Purly Bakers, CBS.
6:30 p.m. — S. W. C., with Charles Hamp.
7:00 p.m. — Inglewood Park Cemetery Assn. program.
8:00 p.m. — Jamboree from KFRC.
10:00 p.m. — Anson Weeks' Orchestra, from KFRC.
11:00 p.m. — Biltmore Orchestra.

TUESDAY, JANUARY 7

8:00 a.m. — Party Hour, CBS.
8:30 a.m. — Three Men in a Tub, CBS.
9:45 a.m. — Good of Gold, CBS.
9:00 a.m. — Columbia Noonday Club, CBS.
11:00 a.m. — S. & W. Co., with Charles Hamp.

Los Angeles, Calif. — 900 Kc.

1000 WATTS — 331.3 METERS

Don Lee Bldg., 7th and Bixel Sts. Owned and Operated by Don Lee. Calif. Div. for Cadillac and LaSalle. Phone VA. 7111

9:00 a.m. — Normalizer Sales Syndicate.
12:45 p.m. — Advertising Club Luncheon from Biltmore.
2:00 p.m. — Western Air Express.
3:30 p.m. — Midnight Mission.
3:45 p.m. — U. S. C. Trojan Period.
5:30 p.m. — W. Tourtellotte, organ recital.
6:00 p.m. — Old Gold program, CBS.
7:00 p.m. — Graybar, CBS.
7:30 p.m. — Walter M. Murphy Motors program.
8:00 p.m. — Pacific States Sav. & Loan Co. program.
9:00 p.m. — Merle's Melodies, from KFRC.
9:30 p.m. — Technical Club Luncheon.
10:00 p.m. — Washington Blvd. Furniture Assn.

WEDNESDAY, JANUARY 8

9:00 a.m. — Columbia Noonday Club, CBS.
11:00 a.m. — Patterns In Prints, CBS.
11:15 a.m. — California Home Extension Bureau.
11:45 a.m. — Normalizer Sales Syndicate.
12:15 p.m. — Optimists Club Luncheon from Biltmore.
3:00 p.m. — Fred Weller Garden Talk.
3:30 p.m. — L. A. Library "Book Review."
4:00 p.m. — Elia Allman's "Surprise Package."
5:00 p.m. — Grand Opera program, CBS.
5:30 p.m. — Sunset Ensemble.
6:00 p.m. — Washington Blvd. Furniture Assn.
6:30 p.m. — Pacific States Sav. & Loan Co.
7:00 p.m. — "Mood Pictures," courtesy Chevrolet Dirs.
7:30 p.m. — Desmond's Light Opera program.
8:00 p.m. — Pacific States Sav. & Loan Co.
9:00 p.m. — M-G-M Movie Club.

THURSDAY, JANUARY 9

9:00 a.m. — Columbia Noonday Club, CBS.
11:00 a.m. — S. & W. Co., with Charlie Hamp.
11:45 a.m. — Normalizer Sales Syndicate.
12:45 p.m. — Wed. Walter Brown Murray.
3:00 p.m. — Civic Repertory of New York, CBS.
4:00 p.m. — Pacific States Sav. & Loan Co. program.
5:15 p.m. — Fred William Will, CBS.
5:45 p.m. — Coast Investor.
6:00 p.m. — Wesley Tourtellotte, organ recital.
6:30 p.m. — Washington Blvd. Furniture Assn.
7:00 p.m. — Pibico Hour, CBS.
8:30 p.m. — Pac. States Sav. & Loan Co. from KFRC.
9:00 p.m. — Don Lee Hour.
9:30 p.m. — Martin Music Co.

FRIDAY, JANUARY 10

8:45 a.m. — Dr. Paul Donovan.
8:45 a.m. — Richardson's Music Lovers' Shop.
11:00 a.m. — Patterns in Prints, CBS.
11:45 a.m. — Normalizer Sales Syndicate.
12:15 p.m. — Leigh Harline, organ recital.
3:00 p.m. — Erie Mayne, Shakespearean Readings.
3:30 p.m. — Council of International Relations.
4:00 p.m. — Melody Masters.
5:00 p.m. — Sunset Ensemble.
5:30 p.m. — Washington Blvd. Furniture Assn.
6:00 p.m. — National League.
6:30 p.m. — S. & W. Co., with Charlie Hamp.
7:30 p.m. — Desmond's.
8:00 p.m. — Brown Shoe Co., Coast unit.
8:30 p.m. — Walter M. Murphy Motors Co.
9:00 p.m. — "True Story" Hour, CBS.
9:30 p.m. — SATURDAY, JANUARY 11
9:00 a.m. — Columbia Noonday Club, CBS.
9:30 a.m. — Washington Blvd. Furniture Dealers Assn.
10:00 a.m. — Leslie Hirscham and Mona Content.
11:00 a.m. — Patterns in Prints, CBS.
2:00 p.m. — Club Plaza Orchestra, CBS.
2:30 p.m. — "Chairs" Club, Club Wallman.
4:00 p.m. — Bernard Leviton and biss Commerce Ensemble.
5:00 p.m. — Francisco Lombardo Dance Band, CBS.
5:30 p.m. — Dixie Echoes, CBS.
6:00 p.m. — Orchestra and singers, CBS.
6:30 p.m. — Organ Recital.
7:00 p.m. — Paramount Hour, CBS.
8:00 p.m. — Raymond Paige and Sierra Symphonists.
9:00 p.m. — Merchants.

www.americanradiohistory.com
The essential features of these programs are identical with those sent us by the stations.

Hollywood, Calif.—1050 Kc.

Authorized Power, 5000 WATTS—285.5 METERS—Los Angeles

Evening Express
Paramount-Laasy Studio, 5555 Marathon
"The Voice of Hollywood"

3:00 p. m.—Wright Whitlock at the Wurlitzer
3:15 p. m.—Spanish lessons by Dr. Hugo Escobar.
3:30 p. m.—Stewart-Warner Sales Co. String Ensemble.
7:30 p. m.—Pacific States Savings & Loan
7:30 p. m.—One-act play, directed by Georgie Fitzfeld.
8:00 p.m.—Kelley Kar Company courtesy program.
9:00 p.m.—Ri Grande courtesy program.
9:30 p.m.—Feature program, presenting the U. S. C. Men's Glee Club.

TUESDAY, JANUARY 7
9:00 a.m.—Georgia O. George, beauty talk.
11:00 a.m.—Forrest Store Works, courtesy program.
2:30 p.m.—L. A. Fireman's Orchestra.
3:00 p.m.—Wright Whitlock at the Wurlitzer
7:00 p.m.—Dr. Mars Bumgardt, talk on "Popular Science."
7:30 p.m.—Allis Chalmers Co.
8:00 p.m.—Tom and His Mule Hercules.
9:00 p.m.—Kelley Kar Company, courtesy program.

WEDNESDAY, JANUARY 8
9:00 a.m.—Georgia O. George, courtesy program.
11:00 a.m.—KNX Clinic of the New World.
7:00 p.m.—Mrs. and Mrs. Radio Skit, featuring Georgia Fitzfeld and Eddie Albright.
7:30 p.m.—Pacific Savings and Loan Association.
8:00 p.m.—Bert Butterworth and His Airdales.
8:30 p.m.—Brunswick-Balke-Colleider Co.
9:00 p.m.—Roy L. Sereznit giving a half hour of "Bridge."

THURSDAY, JANUARY 9
9:00 a.m.—Georgia O. George, courtesy program.
11:00 a.m.—Forrest Store Works, courtesy program.
1:00 p.m.—French lessons by Edgard Leon.
3:00 p.m.—Orkan program by Wright Whitlock
3:30 p.m.—Louise Johnson, astro-analyst.
4:00 p.m.—Bundy & Albright, courtesy program.
6:00 p.m.—Forrest Store Works, courtesy program.
7:00 p.m.—Pacific States Savings and Loan, program.
7:30 p.m.—KNX feature program.
8:30 p.m.—AMORC College, courtesy program.
9:00 p.m.—Feature program.

FRIDAY, JANUARY 10
8:30 a.m.—"A Menu for Sunday Dinner."
8:00 a.m.—Bundy & Albright, courtesy program.
10:30 a.m.—Madame Marie, beauty talk.
10:45 a.m.—Soda-Lax company, courtesy program.
11:00 a.m.—Dr. John Matthews, speaking.
11:15 a.m.—Better Business Bureau talk.
11:30 a.m.—KNX String Ensemble.
12:30 p.m.—Bell Laboratories.
2:30 p.m.—KNX String Ensemble.
3:00 p.m.—Joyce Coad, little movie star.
3:15 p.m.—First Presbyterian Church of the Air.
5:00 p.m.—Federation of Women's Clubs, program.
6:30 p.m.—Stewart-Warner String Ensemble.
7:00 p.m.—Pacific States Savings & Loan program.
8:00 p.m.—Royal Order of Optimistic Do-Nuts.
9:00 p.m.—"Lion Tamers" program.
9:45 p.m.—Broadcasting the main event from the Hollywood Legion Stadium, courtesy Dan Parker.

SATURDAY, JANUARY 11
10:30 a.m.—Program through the courtesy of the Los Angeles Evening Express Classified Advertising Department.
12:00 noon—Bundy & Albright, courtesy program.
12:30 p.m.—C. P. R.'s musical program.
1:00 p.m.—First Radio Church of the Air.
7:00 p.m.—Paramount-Public Hour broadcasting, CBS.
9:00 p.m.—Announcements of the services of the leading Los Angeles Churches.
8:03 p.m.—KNX feature artists.
9:00 p.m.—Russian-American Art Club.
START THE NEW YEAR RIGHT By Using

-CARBON RESISTORS-
A Product of the Ohio Carbon Co. of Cleveland

W. B. KNIGHT, Los Angeles Representative

741 S. Kohler St.  VAndike 7383

KFWB

Phone H.O. 0315
Gerald L. King
Manager
Wm. Ray
Assistant Manager
Florence Israel
Program Arranger
Harry Myers
Chief Technician

DAILY EXCEPT SUNDAY
8:30 a.m.—Betty Silberman at Console of Warner Bros. Hollywood Theater Organ (ex. Wed.).
12:30 p.m.—Radio Varieties.
4:00 p.m.—Radio Varieties.
6:00 p.m.—Violet Ray Dance Orchestra.
6:30 p.m.—Harry Jackson and Entertainers.
8:30 p.m.—Time Signals, Hollywood Watch Co.

SUNDAY, JANUARY 5
8:30 a.m.—The Funny Paper Man.
9:00 a.m.—Guarantee Building & Loan Assn.
10:00 a.m.—Late Recordings.
1:30 p.m.—Nrog & Dickinson, Moreno Highlands.
9:30 p.m.—Harry Jackson and his Plan Whistle entertainers.
7:00 p.m.—Hollywood Athletic Club Orchestra.
7:30 p.m.—Iurr McIntosh, the Cheerful Philosopher.
8:00 p.m.—George Gramlich, tenor; Robert Barr’s Concert Ensemble.
9:00 p.m.—First National Hour.

MONDAY, JANUARY 6
8:30 a.m.—Radio Varieties.
10:00 a.m.—Home Economics talk by Prudence Penny.
11:30 a.m.—KFWB tuxilet and soloists.
2:30 p.m.—Art Pabst and his Hanjo in old-time numbers.
6:00 p.m.—Violet Ray Dance Orchestra.
7:00 p.m.—Julius K. Johnston at the console of the Wurlitzer Vitaphone Recording Organ.
7:30 p.m.—Julius K. Johnston at the console of the "Wizard of the Irons."
7:45 p.m.—Sports talk by R. W. Shirley.
8:00 p.m.—507 Orchestra.
8:30 p.m.—Premiere at Warner Bros. Downtown Theater of the "Show of Shows."
8:15 p.m.—Play by play, Ice Hockey game.
10:30 p.m.—Paul Howard’s Blackbirds from Montmartre Cafe.
11:30 p.m.—George Olsen and his Music from the Roosevelt Hotel.

TUESDAY, JANUARY 7
8:30 a.m.—Radio Varieties.
10:00 a.m.—Betty Silberman at the console of Warner Brothers’ Hollywood Theater Organ.
11:30 a.m.—KFWB Quintet and soloists.
7:00 p.m.—Hollywood Athletic Club Orchestra.
7:30 p.m.—Murphy Players.
8:00 p.m.—Samuel Pedraza, Spanish tenor; Ray Martinez’ Concert Orchestra.
8:30 p.m.—Bridge by Radio.
9:00 p.m.—The Edgeworth Plantation Club.

Hollywood, Calif.—950 Kc.

WEDNESDAY, JANUARY 8
8:00 a.m.—Breakfast Club by remote control.
10:00 a.m.—Prudence Penny of the Examiner.
11:30 a.m.—KFWB Quintet and soloists.
1:15 p.m.—Paul Howard’s Blackbirds, Montmartre.
1:45 p.m.—Radio Varieties.
7:00 p.m.—KFWB String Quintet.
7:30 p.m.—Julius K. Johnston at the console of the Vitaphone Recording Organ.
8:00 p.m.—Purr-Pull Dance Band and soloists.
9:30 p.m.—Ray Martinez and concert orchestra; Ina Mitchell Butler, soprano; Buster Dee, tenor.
10:30 p.m.—George Olsen and his Music from Roosevelt Hotel.
11:00 p.m.—Paul Howard’s Blackbirds, Montmartre.

THURSDAY, JANUARY 9
8:00 a.m.—Meeting of Radio Trades Assn. of Southern California from Breakfast Club.
9:30 a.m.—Radio Varieties.
11:30 a.m.—KFWB Quintet and soloists.
7:00 p.m.—Hollywood Athletic Club Orchestra direct from Hollywood Athletic Club.
7:30 p.m.—Ray Martin’s String Quintet.
7:45 p.m.—Sports talk by H. W. Shirley.
8:00 p.m.—Dance program courtesy Silverwoods, Inc.
8:30 p.m.—Glimmer Oil Co. program, conducted by Bert Butterworth.
9:00 p.m.—Ice Hockey game, California League.
10:00 p.m.—George Olsen and his Music.
10:30 p.m.—Paul Howard’s Blackbirds, Montmartre.

FRIDAY, JANUARY 10
10:00 a.m.—Prudence Penny of the Examiner.
10:30 a.m.—Radio Varieties.
11:30 a.m.—KFWB Quintet and soloists.
1:15 p.m.—Paul Howard’s Blackbirds, Montmartre.
7:00 p.m.—Henry Starr’s Tito.
7:30 p.m.—"Lightning Traveler."
8:00 p.m.—Travelogue.
8:30 p.m.—507 Orchestra.
9:00 p.m.—Sports interview by Mark Kelly.
9:30 p.m.—Program for National Life and Accident Insurance Company.
10:00 p.m.—George Olsen and his Music, from Roosevelt Hotel.
11:00 p.m.—Paul Howard’s Blackbirds, Montmartre.
12:00 midnight—Julius K. Johnston at the Wurlitzer.

SATURDAY, JANUARY 11
10:00 a.m.—Betty Silberman at the console of Warner Bros. Hollywood Theater Organ.
11:30 a.m.—KFWB Quintet and soloists.
1:15 p.m.—Paul Howard’s Blackbirds, Montmartre.
1:45 p.m.—Radio Varieties.
7:00 p.m.—Don Warner’s Dance Orchestra; Cliff and Lolly, "The Nuts of Hadlo."
8:00 p.m.—Monomotor Oil Co. program; Geo. Gramlich, Tenor.
9:00 p.m.—The Serenaders in a novelty program.
10:00 p.m.—Paul Howard’s Blackbirds, Montmartre.
10:30 p.m.—George Olsen and his Music.
10:30 p.m.—Paul Howard’s Blackbirds, Montmartre.
The essential features of these programs are identical with those sent us by the stations.

**Hollywood, Calif. — 570 Kc.**

**KMTR**

Harry Von Zell
Manager
Loren Powell
Musical Director
Eugene lage
Press Relations
Yale Whitney
Announcer
Harry Geise
Prog. Dir. & Announcer
R. G. Ormiston
Technical Supervisor

**Harry Von Zell**

**DAILY EXCEPT SUNDAY**

6:00 a.m. — Westminster Church, Los Angeles, Calif.
7:00 a.m. — New Idea Man's Wholesome Food Breakfast Club.
9:00 a.m. — Mildred Kitchen—Home Economics.
9:15 a.m. — Morning Serenaders.
10:00 a.m. — Selected Recordings.
10:30 a.m. — Ralph Little's Joy Boys.
11:30 a.m. — Organ Recital, featuring Rudolph Schrager.
12:00 noon — "World in Review"—New Bulletins.
12:15 p.m. — Prosperity program.
1:15 p.m. — Banjo Boys.
2:30 p.m. — Spanish program.
3:30 p.m. — Matinee Dance.
4:30 p.m. — Health Institute of the Air.
5:45 p.m. — "Lon and Found.
5:55 p.m. — News Bulletins.
6:30 p.m. — Organ Recital, featuring Rudolph Schrager.
10:15 p.m. — Everett Hoagland's Troubadours from Paul Poret's.
11:00 p.m. — "8 Ball" and Charlie Lung.

**SUNDAY, JANUARY 5**

7:00 a.m. — New Idea Man's Wholesome Food Breakfast Club.
9:00 a.m. — John Driscoll's Musicians Revue.
12:00 noon — "Temple of New Thought."
1:00 p.m. — Late Popular Selections.
2:45 p.m. — Matinee Recitations.
3:30 p.m. — Symphony Jazz.
4:30 p.m. — Pond Recollections.
5:00 p.m. — Popular Tunes.
6:00 p.m. — Mildred Ware and Lilian Arél.
6:30 p.m. — String Quartet and Maurice Limonick, pianist.
7:00 p.m. — "The Three of Us," Loren Powell, Harry Geise and Lilian Arél.

**KGEF**

Los Angeles, Calif. — 1300 Kc.

C. C. Hooper
Manager
H. J. Hawkins
Technician

**E. C. Hugaboe**

**Phone Westmore 8887**

**SUNDAY, JANUARY 5**

8:30 a.m. — Morning Watch Quartet.
10:00 a.m. — Story Hour.
10:30 a.m. — Claude Nesbitt.
10:45 a.m. — Mt. F. Church.
2:00 p.m. — Westminster F. Church.
3:00 p.m. — West Coast Academy of Music.
4:00 p.m. — Lutheran Churches.
5:30 p.m. — Wesley Hour.
7:00 p.m. — Prelude Questions of Bob Shuler.

**Radio Doings**

**TUESDAY, JANUARY 7**

8:00 p.m. — John Unfried.
7:00 a.m. — Miscellaneous.
6:00 a.m. — Ros Shuler's Question Hour.
9:00 p.m. — Harry Rentt.
9:30 p.m. — South Park Bemeas.
10:30 p.m. — Hired Man.

**WEDNESDAY, JANUARY 8**

8:00 p.m. — F. E. Delano's Hawaiian program.
8:15 p.m. — Elone Louise Price.
8:30 p.m. — Tom Moore.
7:00 p.m. — "Corre Bible Class.
7:45 p.m. — Union Rescue Mission.
9:00 p.m. — "My Wall.
9:00 p.m. — "Old Song Quartet.
10:00 p.m. — "Volunteers of America.

**THURSDAY, JANUARY 9**

8:00 p.m. — "Maoi Murray.
7:00 p.m. — Dr. Floyd Nelson Peters.
7:30 p.m. — Hired Man.
8:00 p.m. — Ros Shuler's "A* Message.
8:30 p.m. — Martha Spangler Welnhow.
10:00 p.m. — S. Waldor and Locs Wilhelte.

**www.americanradiohistory.com**
The essential features of these programs are identical with those sent us by the stations.
**San Diego, Calif. — 1330 Kc.**

225.4 METERS—250 WATTS.

**Pickwick Terminal Hotel—Franklin 6151-2-3**

**PICKWICK BROADCASTING CORPORATION**

Henry Kohan, Managing Director

R. G. Blyen

**OTTO HOEG**

Manager

**Program and Studio Dir.**

Luther L. Putnam

Chief Announcer

Earl F. Kiernan

**Technician**

---

**THURSDAY, JANUARY 9**

5:00 p.m.—News Flashes.

5:45 p.m.—Request Records.

5:30 p.m.—Ken Apperson's Quartet.

6:30 p.m.—Orchestra and vocalist.

7:00 p.m.—Orchestra—Old-time music.

7:30 p.m.—Hollywood Roof orchestra.

8:30 p.m.—Larry Walden's Dance orchestra.

9:30 p.m.—Alta Rege—the Man Who Sees Tomorrow.

10:00 p.m.—Hollywood Roof orchestra.

12:00 midnight—Pom Pom Frolle.

**FRIDAY, JANUARY 10**

1:00 p.m.—Chamber of Commerce of Inglewood.

3:00 p.m.—Request Records.

5:30 p.m.—Ken Apperson's Quartet.

6:30 p.m.—Orchestra and vocalist.

7:00 p.m.—Dance orchestra.

8:30 p.m.—Larry Walden's orchestra.

9:30 p.m.—Alta Rege—the Man Who Sees Tomorrow.

10:00 p.m.—Hollywood Roof orchestra.

12:00 midnight—Pom Pom Frolle.

**SATURDAY, JANUARY 11**

12:30 p.m.—Alta Rege, the Man Who Sees Tomorrow.

1:45 p.m.—Southern California Retail Grocers prog.

2:00 p.m.—Melody Hour.

4:00 p.m.—Marcia Conrad, popular organ recital.

5:00 p.m.—Request Records.

8:00 p.m.—Apperson's Quartet.

9:00 p.m.—Orchestra and vocalist.

7:00 p.m.—Church of Jesus Christ, L. D. S.

8:00 p.m.—Hollywood Roof orchestra.

10:00 p.m.—Hollywood Roof orchestra.

12:00 midnight—Pom Pom Frolle.

---

**Inglewood, Calif. — 1120 Kc.**

500 WATTS—267.7 METERS.

Chamber of Commerce Bldg., Inglewood, Calif. Owned and Operated by Dalton's, Inc.

---

**THURSDAY, JANUARY 8**

8:00 a.m.—The Commandaires.

5:30 p.m.—Ken Apperson's Quartet.

6:30 p.m.—Orchestra and vocalist.

7:00 p.m.—Dance orchestra.

8:30 p.m.—Larry Walden's Dance orchestra.

9:30 p.m.—Alta Rege—the Man Who Sees Tomorrow.

10:00 p.m.—Jack Lempl's orchestra.

12:00 midnight—Pom Pom Frolle.

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**WEDNESDAY, JANUARY 7**

8:00 a.m.—The Commandaires.

5:30 p.m.—Ken Apperson's Quartet.

6:30 p.m.—Orchestra and vocalist.

7:00 p.m.—Dance orchestra.

8:30 p.m.—Larry Walden's Dance orchestra.

9:30 p.m.—Alta Rege—the Man Who Sees Tomorrow.

10:00 p.m.—Hollywood Roof orchestra.

12:00 midnight—Pom Pom Frolle.

---

**TUESDAY, JANUARY 6**

7:00 p.m.—Orchestra—Old-time music.

8:30 p.m.—Melkiejohn's Varieties.

9:30 p.m.—Alta Rege—the Man Who Sees Tomorrow.

10:00 p.m.—Jack Lempl's orchestra.

12:00 midnight—Pom Pom Frolle.

---

**MONDAY, JANUARY 5**

5:30 p.m.—Popular records.

6:30 p.m.—Apperson's Quartet.

7:30 p.m.—Dance orchestra.

8:30 p.m.—Melkiejohn's Varieties.

9:30 p.m.—Alta Rege—the Man Who Sees Tomorrow.

10:00 p.m.—Jack Lempl's orchestra.

12:00 midnight—Pom Pom Frolle.

---

**SUNDAY, JANUARY 4**

10:00 a.m.—Apperson's Quartet.

12:00 noon—News Flashes.

1:00 p.m.—Popular records.

2:00 p.m.—Melody Hour.

3:00 p.m.—Marcia Conrad, popular organ recital.

5:05 p.m.—Request program.

5:30 p.m.—Ken Apperson's Quartet.

6:30 p.m.—Orchestra and vocalist.

7:30 p.m.—Dance orchestra.

8:30 p.m.—Melkiejohn's Varieties.

9:30 p.m.—Alta Rege—the Man Who Sees Tomorrow.

10:00 p.m.—Jack Lempl's orchestra.

12:00 midnight—Pom Pom Frolle.

---

**KGB**

**R. G. Blyen**

Manager

**OTTO HOEG**

Program and Studio Dir.

Luther L. Putnam

Chief Announcer

Earl F. Kiernan

Technician

---

**KMIC**

Tel. TH. 1121

Inglewood 1927

V. G. Freitag

Manager

Frank Bull

Night Announcer

Tom Sholts

Day Announcer

Marcia Conrad

Program Director

Charles Whitney

Chief Technician

Barret Cosby

**TOM SHOLTS**

DAILY EXCEPT SUNDAY

9:00 a.m.—Commandaires; Dale Curtis, vocalist.

9:30 a.m.—Tide reports.

9:55 a.m.—News Flashes.

10:00 a.m.—Popular records.

12:30 p.m.—Records.

1:00 p.m.—Records.

3:30 p.m.—Popular records.

10:00 a.m.—Apperson's Quartet.

12:00 noon—News Flashes.

12:45 p.m.—Popular records.

1:30 p.m.—Popular records.

8:00 a.m.—Church of Jesus Christ, L. D. S.

10:30 a.m.—Special recordings.

11:00 a.m.—Special recordings.

6:00 p.m.—Church of Jesus Christ, L. D. S.

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**Radio Doings**

1:30 p.m.—Pam Hohman, Aeolian Vale Quartet.

1:45 p.m.—Pam Hohman and Friends.

3:15 p.m.—Pam Hohman and Friends.

7:00 p.m.—Blyen, Torrance and Associated.

9:00 p.m.—Blyen, Torrance and Associated.

9:15 p.m.—Blyen, Torrance and Associated.

9:30 p.m.—Blyen, Torrance and Associated.

---

**San Diego, Calif.—1330 Kc.**

225.4 METERS—250 WATTS.

**Pickwick Terminal Hotel—Franklin 6151-2-3**

**PICKWICK BROADCASTING CORPORATION**

Henry Kohan, Managing Director

7:00 p.m.—Caliste Conant Hudson; Tony and Chuck.

8:00 p.m.—Pickwick Concert Hour.

9:00 p.m.—Pickwick Mexican Serenaders.

---

**MONDAY, JANUARY 6**

3:30 p.m.—Church of Jesus Christ, L. D. S.

7:05 p.m.—Helen Kirkham, Aeolian Male Quartet.

8:20 p.m.—Pom Pom Frolle.

8:50 p.m.—Lempke's orchestra.

9:15 p.m.—Pom Pom Frolle.

9:30 p.m.—Alta Rege—Old-time music.

---

**KOUB**

**R. G. Blyen**

Manager

**OTTO HOEG**

Program and Studio Dir.

Luther L. Putnam

Chief Announcer

Earl F. Kiernan

Technician

---

**KMIC**

Tel. TH. 1121

Inglewood 1927

V. G. Freitag

Manager

Frank Bull

Night Announcer

Tom Sholts

Day Announcer

Marcia Conrad

Program Director

Charles Whitney

Chief Technician

Barret Cosby

**TOM SHOLTS**

DAILY EXCEPT SUNDAY

9:00 a.m.—Commandaires; Dale Curtis, vocalist.

9:30 a.m.—Tide reports.

9:55 a.m.—News Flashes.

10:00 a.m.—Popular records.

12:30 p.m.—Records.

1:00 p.m.—Records.

3:30 p.m.—Popular records.

10:00 a.m.—Apperson's Quartet.

12:00 noon—News Flashes.

12:45 p.m.—Popular records.

1:30 p.m.—Popular records.

8:00 a.m.—Church of Jesus Christ, L. D. S.
The essential features of these programs are identical with those sent us by the stations.

**KEJK**

**Beverly Hills, Cal. — 710 Kc.**

**500 WATTS—423 METERS**

**Operated by MacMillan Petroleum Co., Crestview Bldg., Wilshire Blvd., at Camden Drive**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 p.m.</td>
<td>Your Friend.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Betty and Bill's Home Beautiful Club.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Mme. Zoller's Gainsborough Beauty Chats.</td>
</tr>
<tr>
<td>4:45 p.m.</td>
<td>The Ad-Visor.</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>Waldfried Beach Boys, Churchills.</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>Chapman's program, Cafe Max Fisher Orchestra and entertainers.</td>
</tr>
<tr>
<td>11:00 p.m.</td>
<td>Music of the Past.</td>
</tr>
</tbody>
</table>

**WEDNESDAY, JANUARY 8**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>2:00 p.m.</td>
<td>Richardson's Astrological Talks.</td>
</tr>
<tr>
<td>2:30 p.m.</td>
<td>The Helping Hand.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>U. S. C. Lectures.</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Studio program, instrumental and soloists.</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>Cafe Max Fisher, Greer-Robbins.</td>
</tr>
<tr>
<td>11:00 p.m.</td>
<td>KEJK Vaudeville; recordings.</td>
</tr>
</tbody>
</table>

**THURSDAY, JANUARY 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 p.m.</td>
<td>He Can Tell You.</td>
</tr>
<tr>
<td>2:30 p.m.</td>
<td>Franklin Building and Loan.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Betty and Bill's Home Beautiful Club.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Mme. Zoller's Gainsborough Beauty Chats.</td>
</tr>
<tr>
<td>4:45 p.m.</td>
<td>The Ad-Visor.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Harrison Trio and Instrumental soloists.</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>Chapman's program; Cafe Max Fisher Orchestra and entertainers.</td>
</tr>
<tr>
<td>11:00 p.m.</td>
<td>Music of the Past.</td>
</tr>
</tbody>
</table>

**FRIDAY, JANUARY 10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 p.m.</td>
<td>Richardson's Astrological Talks.</td>
</tr>
<tr>
<td>2:30 p.m.</td>
<td>The Bank Book.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Betty and Bill's Home Beautiful Club.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Mme. Zoller's Gainsborough Beauty Chats.</td>
</tr>
<tr>
<td>4:45 p.m.</td>
<td>The Ad-Visor.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Instrumental program.</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>Ben Light and Mark Cook.</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>Cafe Max Fisher; Greer-Robbins.</td>
</tr>
<tr>
<td>11:00 p.m.</td>
<td>Music of the Past.</td>
</tr>
</tbody>
</table>

**SATURDAY, JANUARY 11**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 p.m.</td>
<td>Betty and Bill's Home Beautiful Club.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Mme. Zoller's Gainsborough Beauty Chats.</td>
</tr>
<tr>
<td>4:45 p.m.</td>
<td>The Ad-Visor.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Spanish program, Felipe Delgado. KEJK Quartet.</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>Duke Atterbury, Ken Gillum and entertainers.</td>
</tr>
<tr>
<td>11:00 p.m.</td>
<td>Popular Hour.</td>
</tr>
</tbody>
</table>

**Radio Correspondence Education Division KEJK**

**University of Southern California**

**MONDAY, JANUARY 6**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 p.m.</td>
<td>Development of Porto Rico. Prof. David M. Wilson, College of Engineering.</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Real Estate. selected, under the direction of Mr. Clifford F. Burr.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Emotions and Music. Dr. Arnold H. Wagner. Semi-Centennial Lecture Series on Contemporary Civilization.</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Romance and Cook. Ruth Bepson, musician.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Short Story Writing (English 103F). Lauratelle S. Dietrich, Correspondence Course.</td>
</tr>
</tbody>
</table>

**MONDAY, JANUARY 8**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 p.m.</td>
<td>Public's Business. G. Gordon Whitnall, Director-Manager. City Planning Commission, Los Angeles.</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>The Law School and Current Research in Law. Prof. Robert Kingsley, School of Law.</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Studies in Modern American Literature. Lauratelle S. Dietrich. Correspondence Course.</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Historical Background of Physiology. Dr. F. M. Baldwin. Semi-Centennial Lecture Series on Contemporary Civilization.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Social Aspects of Motion Pictures (Sec. 183). Dr. B. V. Markovin. Correspondence Course.</td>
</tr>
</tbody>
</table>
KGFJ
Los Angeles, Calif.—1200 Kc.

DAILY EXCEPT SUNDAY
12:00 midnight—Mosby's Dixieland Blue Blowers, by remote control from Apex Nite Club.
1:00 a.m.—Ott Finance Co., Nite Owl program.
6:00 a.m.—Gedunkers Club.
7:00 a.m.—Madame Lawye's Goodwill program.
8:30 a.m.—Gordon Smith's Shopping Guide; Nat Wincott's ballads; Albert Keglovich, violinist.
9:30 a.m.—Ringo, the Mystery Man.
10:00 a.m.—Dr. Dean, Health Churn.
10:30 a.m.—Majorie Radio program.
11:00 a.m.—Recordings.
11:30 a.m.—Spanish program.
12:00 noon—Recordings.
12:30 p.m.—The Yellow Jackets, from Oaks Tavern.
1:30 p.m.—Carroll Loundeser's Orchestra, from Orange Grove Cafe.
2:00 p.m.—So'ommon's Dance Orchestra.
3:00 p.m.—Market Reports; Announcements.
5:30 p.m.—Organ Recital, by Arch Fritz.
7:00 p.m.—Gordon Smith's Radio Service.
8:00 p.m.—Organ Recital, re-sending Arch Fritz.
9:30 p.m.—Mosby's Dixieland Blue Blowers from Apex Nite Club.
10:00 p.m.—Match Hospital.
11:00 p.m.—Solomon's Dance Orchestra.

SUNDAY, JANUARY 5
12:00 midnight—Ott Finance Co., Nite Owl program.
7:00 a.m.—Recordings.
10:30 a.m.—Organ Recital—Arch Fritz, from Muskets' Club.
11:00 a.m.—Quality Serenaders; Don West, tenor; Blanche Cooper, pianist.
1:00 p.m.—Harmony Hawaiian Four: Gladys Parish.

KFVD
Empire 1171
Culver City 4527

DAILY EXCEPT SUNDAY
7:00-9:00 a.m.—Hal Roach Happy-Go-Lucky Trio.
9:30 a.m.—Dan Maxwell, Scotch comedian.
10:00 a.m.—O. Alphonso's Radio Hour program.
2:30 p.m.—Hal Roach Comedy Gossip.
3:00 p.m.—Autumn Hour.
4:00 p.m.—Edward's program.
4:30 p.m.—Timmy Topols.
11:00 p.m.—Sebastian's Cotton Club.
11:30 p.m.—Coffee Dan's.
12:00 midnight—Sebastian's Cotton Club Orchestra.

SUNDAY, JANUARY 5
9:00 a.m.—Hal Roach Happy-Go-Lucky Trio.

Culver City, Cal.—1000 Kc.
200 WATTS—200 METERS
AUBURN-FULLER COMPANY
Hel E. Reach Motion Picture Studios

MONDAY, JANUARY 6
9:00 a.m.—Gilmores Slide Show.
9:30 p.m.—Hal Roach Have-Go-Lucky Trio.

TUESDAY, JANUARY 7
9:00 a.m.—Madame Louise Zollars' Beauty Talk.
12:45 p.m.—Dr. Derosh, Diet Question Box.
3:30 p.m.—Peggy Price, soloist, and Peggy Wade, pianist.
9:00 p.m.—Hal Roach Have-Go-Lucky Trio.

WEDNESDAY, JANUARY 8
9:00 a.m.—Madame Louise Zollars' Beauty Talk.
3:30 p.m.—Peggy Price, soloist, and Peggy Wade, pianist.
9:00 p.m.—Hal Roach Have-Go-Lucky Trio.

THURSDAY, JANUARY 9
9:00 a.m.—Hal Roach Have-Go-Lucky Trio.
7:00 p.m.—Nat Wine-Off, ballads; Albert Keglovich, violinist; Blanche Cooper, pianist.
8:30 p.m.—Cooley Conrad and His Rhythm Makers, by remote control from El Patio Ballroom.
10:30 p.m.—Organ Recital—Arch Fritz.

FRIDAY, JANUARY 10
9:00 a.m.—Hal Roach Have-Go-Lucky Trio.
6:00 p.m.—Harmony Hawaiian Trio.
7:30 p.m.—Mosby's Dixieland Blue Blowers.
9:30 p.m.—Hal Roach Have-Go-Lucky Trio.

SATURDAY, JANUARY 11
9:00 a.m.—Gilmores Side Show.
9:30 p.m.—Hal Roach Have-Go-Lucky Trio.
The essential features of these programs are identical with those sent us by the stations

KFOX
Long Beach, Cal.—1250 Kc.

"Where Your Ship Comes In"
1000 WATTS—239.9 METERS—HANCOCK OIL STATION
Telephone No. 672-81

DAILY EXCEPT SUNDAY
5:00 a.m.—The Early Bird.
6:00 a.m.—hello, Everybody.
7:30 a.m.—Early News Items.
7:45 a.m.—Selected Recordings.
7:50 a.m.—Bright and Early Hour.
8:20 a.m.—Recordings.
8:30 a.m.—Health and Efficiency.
8:40 a.m.—Recordings.
9:00 a.m.—Beauty Talk.
10:00 a.m.—Organ Recital by Roy L. Metcalf.
11:00 a.m.—Three Pioneers.
11:30 a.m.—News Reports by Frank P. Goss.
11:45 a.m.—Helene Smith and the Steinway.
12:00 noon—Hollywood Girls (ex. Mon.).
1:15 p.m.—Dr. Harboutte, Four Mitchells.
2:00 p.m.—Steinway Duo-Art program.
3:00 p.m.—Organ Recital from Aethelwinds.
3:30 p.m.—Long Beach Municipal Band (ex. Mon.).
4:00 p.m.—Late News Report, Frank P. Goss.
4:15 p.m.—Marl Daughtery (except Friday).
4:30 p.m.—Organ Recital.
5:30 p.m.—Hollywood Girls (ex. Mon.).
6:00 p.m.—Lost and Found.
6:05 p.m.—Hally's ang (except Tuesday).
7:30 p.m.—uster Wilson's Orchestra.
10:30 p.m.—Majestic Ballroom Orchestra.
11:30 p.m.—Press-Telegram Sports Review.
11:40 p.m.—Silver Spray Ballroom Orchestra.
12:00 midnight—The Knight Fox.

SUNDAY, JANUARY 5
5:00 a.m.—The Early Bird.
7:00 a.m.—Recordings.
8:00 a.m.—Family Circle Hour.
8:30 a.m.—Kiddle Komies.
9:00 a.m.—Old Time Music.
10:00 a.m.—Angeles Abbey Organ Recital.
11:00 a.m.—St. Luke's Episcopal Church.
12:30 p.m.—Musical program.
1:00 p.m.—Hollywood Girls—Novelty Trio.
2:00 p.m.—Memory Hour.
2:30 p.m.—Long Beach Municipal Band.
4:00 p.m.—Organ Recital from Merithews.
5:00 p.m.—Hollywood Girls.
6:00 p.m.—"Em and Clem."
8:30 p.m.—Zadah Stoiler and Her Kiddies.

6:45 p.m.—Weekly Song Story.
7:00 p.m.—Imperial Concert Orchestra.
8:00 p.m.—Services from First Church of Christ, Scientist.
9:00 p.m.—Hancock Oil Company.
12:00 midnight—The Knight Fox.

MONDAY, JANUARY 6
12:00 noon.—Mart and Heini.
1:00 p.m.—The Old-Timers Hour.
5:30 p.m.—Helene Smith and the Steinway.
7:00 p.m.—Sydham's Buttercream School.
8:30 p.m.—Majestic Ballroom Orchestra.
8:30 p.m.—Grand Opera Recordings.

TUESDAY, JANUARY 7
11:45 a.m.—Helene Smith and the Steinway.
1:30 p.m.—Kiwanis Club luncheon.
1:30 p.m.—Mart and Heini.
6:05 p.m.—Hollywood Girls.
6:30 p.m.—Hei's Pals.
6:45 p.m.—Dr. Williams—Health Specialist.
7:00 p.m.—Hally's Pals.
8:00 p.m.—"Josh and Si."
8:30 p.m.—Arkansas Travelers.
9:00 p.m.—Zandra's Mystic Hour.
9:45 p.m.—Flights from Olympic Auditorium.
10:30 p.m.—Over at Mart's House.

WEDNESDAY, JANUARY 8
1:00 p.m.—Rotary Luncheon Club.
1:30 p.m.—Mart and Heini.
8:00 p.m.—Buddy Parker's Singing School.
9:00 p.m.—Goodyear Crooners.
9:00 p.m.—Imperial Concert Orchestra.
10:00 p.m.—The Two Cronies.
10:30 p.m.—Over at Mart's House.

THURSDAY, JANUARY 9
1:00 p.m.—"Health and Efficiency."
6:05 p.m.—Hally's Pals.
8:00 p.m.—Goodyear Crooners.
9:00 p.m.—Imperial Concert Orchestra.
10:00 p.m.—Rev. Ethel Duncan—question and answer lady.
10:30 p.m.—Over at Mart's House.

FRIDAY, JANUARY 10
1:00 p.m.—Masonic Luncheon Club.
1:30 p.m.—Mart and Heini.
8:00 p.m.—Steinway Hour—Birkel Music Co.
9:00 p.m.—Zandra's Mystic Hour.
10:00 p.m.—The Two Cronies.
10:30 p.m.—Over at Mart's House.

SATURDAY, JANUARY 11
1:00 p.m.—Harbor Medical Society.
1:10 p.m.—Mart and Heini.
5:00 p.m.—Football Talks—R. W. Shirley.
8:15 p.m.—Cline Chittle—Harmonica Solos.
8:30 p.m.—Punch and Judy.
9:00 p.m.—Imperial Concert Orchestra.
10:00 p.m.—Rev. Ethel Duncan.
10:30 p.m.—Over at Mart's House.

WATCH HOSPITAL
Good for Sick Watches
Specializing in the Repair of Swiss and American Watches
408 So. Broadway
Opposite "Broadway Department Store"

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NICHOLS & WARRINER
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220 E. Anaheim St.
Hal G. Nichols
Clarence Crazy
Frank Rucker
Cecil Fry
Heini Dermer
Announcers
L. W. McDowell
Chief Technician
The essential features of these programs are identical to those sent us by the stations.

**KGER**

Long Beach, Cal.—1360 Kc.

435 Pine Avenue

250 WATTS—220.4 METERS

Phone 652-75

C. Merwin Dobyns, Owner and Managing Director

11:00 a.m.—Woman's Music Club.
11:15 a.m.—P. C. C. Musicale.
11:30 a.m.—Dobyns program.
12:30 p.m.—Diamond Hawaiian Trio.

**TUESDAY, JANUARY 7**

2:00 p.m.—Siesta Period.
3:15 p.m.—Musical program.
5:30 p.m.—Jack and Charlie.
7:00 p.m.—Breakers Hotel Orchestra.
7:30 p.m.—Wurlitzer, piano.
9:15 p.m.—Song Recital.
9:45 p.m.—Kitty and Don.
10:00 p.m.—Dobyns Hour.

**WEDNESDAY, JANUARY 8**

1:00 p.m.—Wurlitzer, Dick Dixon.
2:30 p.m.—Studio Specialties.
4:00 p.m.—Concert Hour.
6:30 p.m.—Triolian Trio.
7:30 p.m.—Betty and Wanda.
9:15 p.m.—Magic Boots.
10:00 p.m.—Pacific Coast Club Orchestra.
10:30 p.m.—Diamond Hawaiian Trio.

**THURSDAY, JANUARY 9**

1:00 p.m.—Optimist Club.
1:30 p.m.—Audition Clinic.
2:00 p.m.—Siesta Period.
2:30 p.m.—Composers program.
4:30 p.m.—Musical Hour.
5:30 p.m.—Judy and Jolly.
7:00 p.m.—Breakers Hotel Orchestra.
8:00 p.m.—Song Recital.
9:15 p.m.—Studio Specialties.
9:45 p.m.—Kitty and Don.
10:00 p.m.—Dobyns Hour.

**FRIDAY, JANUARY 10**

1:00 p.m.—Wurlitzer organ.
2:00 p.m.—Wilmington Hour.
4:00 p.m.—Musical Hour.
6:30 p.m.—The Captivators.
7:00 p.m.—Sunnyside program.
8:15 p.m.—Breakers Hotel Orchestra.
9:15 p.m.—Santa Ana program.
10:00 p.m.—Pacific Coast Club Orchestra.
10:30 p.m.—Diamond Hawaiian Trio.

**SATURDAY, JANUARY 11**

1:30 p.m.—Wurlitzer organ.
2:30 p.m.—Triolian Trio.
4:00 p.m.—Musical Hour.
6:30 p.m.—Judy and Jolly.
7:00 p.m.—Breakers Hotel Orchestra.

---

**KELW**

Earl L. White, Owner
Dave Ward
Announcer
H. W. Cole
Business Manager

DAILY EXCEPT SUNDAY

11:00 a.m.—Devotional Services.
11:15 a.m.—Variety musical program.
10:00 a.m.—Health Talk.
11:15 a.m.—Nevetelms.
10:45 a.m.—Beauty Talk.
12:15 p.m.—Sign-off to KPSN.
2:30 p.m.—Long Beach Band.
5:00 p.m.—Wurlitzer Organ.
6:00 p.m.—KPSN.
7:30 p.m.—Long Beach Band (ex. Mon.).
8:00 p.m.—Sue and Snooty.
9:00 p.m.—News Flashes, Long Beach Sun.
11:00 p.m.—Quiet-Time Tunes.

**MONDAY, JANUARY 6**

1:00 p.m.—Exchange Club.
1:15 p.m.—Musical program.
3:15 p.m.—Studio Specialties.
6:30 p.m.—The Captivators.
7:00 p.m.—Shell Concert Trio.

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**Burbank, Calif.—780 Kc.**

MAGNOLIA PARK—500 WATTS—384.4 METER

"The White Spot of the San Fernando Valley"

Phones: Burbank 1601—Granite 3193

**MONDAY, JANUARY 6**

7:00 p.m.—Dolce Quartet.

**TUESDAY, JANUARY 7**

7:00 p.m.—Cyril Godwin, violin virtuoso; Florence May, concert pianist; Irmaee Campbell, soprano; Charles King, tenor.

**WEDNESDAY, JANUARY 8**

11:30 a.m.—Ray and his Serenaders.
7:00 p.m.—Eiffel Trio.

**THURSDAY, JANUARY 9**

7:00 p.m.—Cyril Godwin, violin virtuoso; Florence May, concert pianist; Evelyn Snow, contralto.

**FRIDAY, JANUARY 10**

11:30 a.m.—Alma Janet Danfrod, book reviews.
11:30 a.m.—Ray and his Serenaders.
7:00 p.m.—Cyril Godwin, violin virtuoso; Florence May, concert pianist; Z. Earl Jessop, baritone.

**SATURDAY, JANUARY 11**

11:00 a.m.—Dorothy and the Office Boy.
12:30 noon—Organ concert, Roy L. Medcalf at Fox Alexander Theater.
6:00 p.m.—California String Quartet.
7:00 p.m.—Studio Ensemble.

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www.americanradiohistory.com
The essential features of these programs are identical with those sent us by the stations.

Los Angeles, Cal.—1430 Kc.

KECA

HARRY HALL

DAILY, EXCEPT SUNDAY

8:30 p. m.—Amos 'n' Andy, for Pependent Co.

SUNDAY, JANUARY 5

4:30 p. m.—Duo Disc program.

6:00 p. m.—Fassett Hawaiian Trio.

8:30 p. m.—NBC, Pependent Co.—Amos 'n' Andy.

9:30 p. m.—Wilfred Butterworth—Gwendolyn Morse.

10:00 p. m.—NBC, The Gay Classics; Max Dolin and orchestra; Grace LaPage, soprano.

MONDAY, JANUARY 6

3:45 p. m.—NBC, California Federation of Women's Clubs.

5:00 p. m.—Jeanette Warner.

6:15 p. m.—Dr. H. Edward Myers.

6:30 p. m.—Bob & Monte—Geo. Fassett Trio.

7:20 p. m.—Felipe Delgado—Medi Hora Espagnole.

8:45 p. m.—Winnie Fields Moore, "Wings of Destiny.",

9:00 p. m.—Wm. Macougual—Scotch comedian.

9:20 p. m.—Kealoha Trio (Hawaiian).

10:00 p. m.—NBC, thru My Fireplvice.

10:30 p. m.—NBC, Music Box.

San Diego, Calif.—600 Kc.

KFSD

Leslie Adams
General Manager

Walter B. Neil Advertising Manager

Glen Littan
Chief Technician

Nina Perry
Announcer

Les Mc Mahon
Program Director

DAILY, EXCEPT SUNDAY

8:15 a. m.—Good cheer program.

9:00 a. m.—Morning Mistletoe.

10:30 a. m.—Art Lou

11:30 a. m.—Lloyd Park's Service Hour (ex. Thurs.).

12:30 noon—Sharma Minor at Concert of Fox Theater Organ.

12:30 p. m.—Popular Records.

1:20 p. m.—KFSF Matinee Hour.

2:00 p. m.—Story Time (ex. Tues., Fri. and Sat.).

2:30 p. m.—Balboa Park Organ (ex. Mon. and Tues.).

5:00 p. m.—Nightly Musical Harass.

6:00 p. m.—Stock Reports.

6:10 p. m.—Late News.

6:25 p. m.—Weather Reports.

10:00 p. m.—Adolph's Downtown Railroam.

11:00 p. m.—Doc Ross and his Hotel Del Coronado Orchestra.

SUNDAY, JANUARY 5

10:00 a. m.—Novelty program.

12:30 noon—Old Time program.

3:00 p. m.—Orsam concert from Balboa Park.

8:00 p. m.—Mildred Marini, Ted Nauman and Katherine Pike Skeliden.

Hulton's Concert Quartet.

8:30 p. m.—Hotel Del Coronado, presenting J. Warde.

MONDAY, JANUARY 6

8:30 a. m.—Mr. Alarnez, Spanish lesson.

10:00 p. m.—Yogi Alpha.

12:30 p. m.—Story Time.

3:00 p. m.—Operatic program.

6:30 p. m.—Leona Fraze, soprano.

Tuesday, January 7

3:00 p. m.—Jackie Love.

4:15 p. m.—NBC, National Safety Council.

7:30 p. m.—Albert De Lauro, baritono.

8:45 p. m.—NBC, Service Station Boys.

10:00 p. m.—NBC, Spotlight Review.

WEDNESDAY, JANUARY 8

3:00 p. m.—NBC, Cabin Door.

4:00 p. m.—Jackie Archer.

5:00 p. m.—Ciff Gunning, tenor.

8:45 p. m.—Winnie Fields Moore.

10:00 p. m.—NBC, Ruff Kwanna.

10:15 p. m.—NBC, Cotton Blossom Minstrels.

THURSDAY, JANUARY 9

3:00 p. m.—Jackie Archer—"Drop A Line" program.

4:00 p. m.—Hall's Chinese Orchestra, Geo. Fabregat, dir.

5:00 p. m.—"Cavin Lesdale"—N. Y. Life Ins. Co.

8:45 p. m.—Winnie Fields Moore.

9:30 p. m.—NBC, Memory Lane.

10:00 p. m.—J. Barney Sherry Players.

FRIDAY, JANUARY 10

3:00 p. m.—Jackie Love.

4:00 p. m.—Hall's Chinese Orchestra, Geo. Fabregat, dir.

5:00 p. m.—NBC, Cities Service Hour.

7:00 p. m.—Albert De Lauro.

7:30 p. m.—Leotia Tri.

8:00 p. m.—NBC, Footlights.

8:45 p. m.—NBC, Service Station Boys.

9:30 p. m.—Vera Wood.

SATURDAY, JANUARY 11

3:00 p. m.—Jackie Archer—"Drop A Line" program.

3:00 p. m.—NBC, New Business World.

8:45 p. m.—"B. Shoe Co., the Saxophonists," NBC.

10:00 p. m.—Sports Talk, NBC.

11:00 p. m.—NBC, Tales Never Told.
San Francisco, Calif.—680 Kc.

KPO

Phone Kearney 0704
J. W. Laughlin
Managing Director
Jean Campbell Crowe
Program Director
Curtis Peck
Technical Director

DAILY EXCEPT SUNDAY
7:00 a.m.—Health Exercises, conducted by Hugh Dobbs.
8:00 a.m.—Shelly Happy Time (except Wed.).
9:00 a.m.—Dobbs's Daily That (except Thurs.).
10:00 a.m.—Helpful Hints to Housewives (except Thurs. and Fri.).
10:30 a.m.—Women's Magazine of the Air (except Sat.). NBC.
11:45 a.m.—Time Simla and Scripture Reading.
12:05 p.m.—Noon Oran (except Thurs.).
1:00 p.m.—Jerry Jermaine (except Thurs. and Fri.).
1:30 p.m.—Ann Warner's Homemaking Chats (except Thurs., Fri and Sat.).
2:00 p.m.—Acadian Trio (except Thurs.).
5:00 p.m.—Children's Hour (except Thurs.).
9:00 p.m.—'Tell and Sally.
11:30 p.m.—Norma's San Franciscans (ex. Tuesday).

SUNDAY, JANUARY 5
9:00 a.m.—Sabbath Hour with Theodore Strong, organist.
9:45 a.m.—Church Serenades.
10:15 a.m.—Rank of America of California.
1:00 p.m.—KPO Salon Orchestra.
2:00 p.m.—Theodore Strong, organist, and Cathedral Singers.
2:30 p.m.—Sunday Concert, NBC.
3:30 p.m.—The Sequoians and Emilie Maccormack, pianist.
4:00 p.m.—Missions Mushetners, NBC.
4:30 p.m.—Phyllis Ashley, pianist.
5:30-7:15 p.m.—NBC.*
7:15 p.m.—Evening Musica by Uda Waldrop.
8:00 p.m.—Mendesohn's Quartet.
8:30 p.m.—Ralph Seiger and his Fairmont Hotel Concert Orchestra.
9:00 p.m.—Abas String Quartette, with Allan Wilson, tenor.
10:00 p.m.—News Digest, "Scatty" Mortland.

MONDAY, JANUARY 6
11:30 a.m.—Art Talk by Helen Gordon Baker.
12:05 p.m.—Floody Wright, organist, and Refa Miller.
3:00 p.m.—Mormon Tabernacle, NBC.
3:30 p.m.—Dept. of Commerce Talk.
3:45 p.m.—California State Chamber of Commerce.
4:00 p.m.—Floody Wright, organist.
5:50 p.m.—News Digest, with "Scatty" Mortland.
6:00 p.m.—KPO Salon Orchestra.
6:30 p.m.—Far East Business Association Talk.
7:30 p.m.—North Americans.
8:00 p.m.—Shell Symposium program, NBC.
9:10 p.m.—The Torovairs.
10:00 p.m.—KPO String Quintet.

KG0

Oakland, California—790 Kc.

Phone 9611
Managing Director

GUARANTEED RADIO SERVICE

Scientific Analysis with Supreme Radio Diagnometer

H. A. Everett
7406 MELROSE AVE. ORegon 4702
K. G. Landgraf
The essential features of these programs are identical with those sent us by the stations.

San Francisco, Cal.—1230 Kc.

243.8 METERS—1000 WATTS
Theatre of the Air - Fox Theatres Studios
988 Market Street San Francisco Prospect 3456

MONDAY, JANUARY 6
10:30 a. m.—Popular recordings.
3:00 p. m.—Cabbages and Kings, presented by Samuel B. Dickson.
7:30 p. m.—The 1640 Boys, Tommy Monroe and Bob Allen.
8:00 p. m.—Dance recordings.
9:00 p. m.—Musical Parade.

TUESDAY, JANUARY 7
12:15 p. m.—Tuesday Noon Club, conducted by Roy Francis.
7:30 p. m.—Pacific Artists Trio with Greta Gabler.
8:00 p. m.—Aviation Round Table Banquet from the Chiff Hotel.
9:00 p. m.—Pacific Artists Trio with Nellie Wren.

WEDNESDAY, JANUARY 8
3:00 p. m.—Short Story Course conducted by Samuel B. Dickson.
5:45 p. m.—District Attorney Matthew Brady.
7:30 p. m.—The 1640 Boys, Tommy Monroe and Bob Allen.
8:00 p. m.—Pacific Artists Trio with Nellie Wren.
9:00 p. m.—George Nickson, Virginia Spencer, Mary Atkinson, Constance Piper, and Dad Williamson.
9:30 p. m.—Pacific Artists Trio with Nona Campbell.
10:30 p. m.—Dance recordings.

THURSDAY, JANUARY 9
8:00 p. m.—Traffic Safety Talk.
8:30 p. m.—Yvonne Peterson, Virginia Spencer, Mary Atkinson, Constance Piper.
9:00 p. m.—Pacific Artists Trio with George Nickson, soloist.

FRIDAY, JANUARY 10
3:00 p. m.—Cabbages and Kings, conducted by Samuel B. Dickson.
7:30 p. m.—The 1640 Boys, Tommy Monroe and Bob Allen.
8:00 p. m.—Pacific Artists Trio.
9:00 p. m.—Studio program.
9:30 p. m.—Pacific Artists Trio with Geo. Nickson.
10:00 p. m.—Recordings.

SATURDAY, JANUARY 11
7:30 p. m.—Pacific Artists Trio.
8:30 p. m.—Geo. Nicks and others.
9:00 p. m.—Pacific Artists Trio with Nona Campbell.

Tacoma, Wash.—1340 Kc.

500 WATT WESTERN ELECTRIC—231.1 METERS
Owned by KMO, Inc.
Hotel Winthrop

SUNDAY, JANUARY 5
12:00 noon—Reconstructions.
1:30 p. m.—Popular program.
2:00 p. m.—Y. M. C. A. program.
2:30 p. m.—Recordings.

MONDAY, JANUARY 6
9:00 p. m.—Jane Morse, blues singer; Dorothy Lyons, accompanist.
10:00 p. m.—Stock reports.
10:10 p. m.—Musical features.

TUESDAY, JANUARY 7
9:00 p. m.—Bridge by Radio Games.
9:30 p. m.—Airplane Inn.
10:30 p. m.—Coliseum Dance Orchestra.

WEDNESDAY, JANUARY 8
9:00 p. m.—Regal Cleaners.
9:30 p. m.—Carter Lee and his Little Sparks.

THURSDAY, JANUARY 9
9:00 p. m.—Nunn Bush special recordings.
9:15 p. m.—Airplane Inn Orchestra.
10:15 p. m.—Popular recordings.

FRIDAY, JANUARY 10
9:00 p. m.—Enna Jettrack program.
9:30 p. m.—Hutch and Bennie, the Tire Ho’s.
10:00 p. m.—Al Grueter’s Hotel Winthrop Orch.

SATURDAY, JANUARY 11
9:00 p. m.—Airplane Inn.
10:00 p. m.—Carter Lee’s Little Sparks by remote control from Greenwich Coliseum.
11:00 p. m.—Al Grueter’s Hotel Winthrop Orchestra.
The essential features of these programs are identical with those sent us by the stations.

San Francisco, Cal.—930 Kc.
Channel 93—322.4 Meters—500 Watts
Radio Entertainments, Inc.
1182 Market St., San Francisco. Telephone Market 1140

7:00 p. m.—Wally Allen and Ed Stirm.
7:15 p. m.—Henry & Tom—Bando Duets.

WEDNESDAY, JANUARY 8
11:00 a. m.—Popular Recordings.
11:30 a. m.—Mrs. Murray—Investment Councillor.
11:45 a. m.—Semi-Classical Recordings.
12:15 p. m.—Nearing Sisters & Nadine Christa.
12:30 p. m.—Songs of Interest.
12:45 p. m.—Florence Lorraine, ballads.
6:00 p. m.—"Refrainers."  
6:30 p. m.—Edna Barron on the Keys.
6:45 p. m.—Recordings.
7:00 p. m.—Dr. T. G. Linebarger, Health Talk.
7:15 p. m.—Studio program.
8:30 p. m.—Gertrude Tracy,balladist.
8:45 p. m.—Three Kellys.
9:00 p. m.—KFWI Monday Night Party.
10:00 p. m.—Paul Kelli's Orchestra.

THURSDAY, JANUARY 9
6:00 p. m.—Recordings.
6:15 p. m.—Norma Lee,contralto.
6:30 p. m.—Radio Question Box.
6:45 p. m.—Al Adams—Plano Rambles.
7:00 p. m.—Wally Allen and Ed Stirm.
7:15 p. m.—Henry & Tom—Bando Duets.

FRIDAY, JANUARY 10
11:30 a. m.—Semi-Classical Records.
12:15 p. m.—Nearing Sisters & Nadine Christa.
12:30 p. m.—Toppers of Interest.
12:45 p. m.—Florence Lorraine, ballads.
6:00 p. m.—Course of I'mono Instruction.
6:45 p. m.—Hawaii Trilo.
7:00 p. m.—"The Oakleys."
7:15 p. m.—Johnny Oliver's Hawaii Trilo.
8:30 p. m.—Gertrude Tracy,balladist.
8:45 p. m.—Marseys.
9:00 p. m.—Herbert Mass,15-year-old Boy Bar.
9:15 p.m.—Helen Resnick,planet.
9:30 p. m.—Mabel Payne, mezzo soprano.
10:00 p. m.—Paul Kelli's Orchestra.

SUNDAY, JANUARY 11
12:30 p. m.—New Shanghai for the Trilo.
6:00 p. m.—Semi-Classical Recordings.
6:15 p.m.—Norma Lee,contralto.
6:30 p. m.—Radio Question Box.
6:45 p. m.—Al Adams—Plano Rambles.
7:00 p. m.—Wally Allen and Ed Stirm.
7:15 p. m.—Henry & Tom—Bando Duets.

San Jose, California—1010 Kc.

CALIFORNIA FARM BUREAU STATION
500 WATTS—296.6 METERS

FRED J. HART, Manager

6:49 p. m.—Farm Report (except Saturday).
6:55 p. m.—Farmers' Exchange (except Saturday).
7:00 p. m.—Farm Bureau Reading on Radio News.

SUNDAY, JANUARY 5
10:15 a. m.—Sunday School Lessons, Fred J. Hart.
11:00 a. m.—Dancing Services, First Baptist Church.
7:30 p. m.—Evening Services, First Baptist Church.

MONDAY, JANUARY 6
11:00 a. m.—Santa Cruz program.
7:00 p. m.—San Jose Chamber of Commerce.
8:00 p. m.—Studio program.
9:00 p. m.—Santa Cruz program.

TUESDAY, JANUARY 7
11:00 a. m.—Los Gatos program.
8:30 a. m.—"Tom Nevers Can't Sell" program.

WEDNESDAY, JANUARY 8
11:00 a. m.—Watsonville program.
8:30 a. m.—First Baptist Church.

THURSDAY, JANUARY 9
11:00 a. m.—Monte Vista Peninsula program.
8:30 a. m.—Songs of the First Church Choir.

FRIDAY, JANUARY 10
7:00 p.m.—KQW Minstrels
10:00 p.m.—Tea Greencay program.

SATURDAY, JANUARY 11
7:30 p.m.—Studio program.
8:30 p.m.—Italian program.
San Francisco—560 Kc.

WEDNESDAY, JANUARY 5
7:00 a. m.—Dr. B. I. Corley.
10:30 a. m.—Bible Class.
11:00 a. m.—Church Singers.
12:30 p. m.—Chapel of Chimes.
1:00 p. m.—Church of Our Lady Day Saints.
2:00 p. m.—Master’s Album.
3:00 p. m.—Poke-Bonnet Sisters and Jane Sargent.
4:00 p. m.—Allice Blue organ recital.
5:00 p. m.—Musical Appreciation Hour.
5:00 p. m.—Chapel of Chimes.
6:00 p. m.—Burlington Hour.
6:30 p. m.—Tusfield Lecture.
7:00 p. m.—Janie H. contraalto: Jane S. Sands, pianist.
7:30 p. m.—Church Services from 10th Ave. Baptist Church.
9:30 p. m.—Dance Records.
10:30 p. m.—Silver Sliper Dance Band.
MONDAY, JANUARY 6
8:00 a. m.—Town Cryer.
8:00 a. m.—Broadway Tunes.
1:30 p. m.—Musical Appreciation Hour.
2:30 p. m.—Alice Blue, organ.
7:30 p. m.—LeClair Boys.
7:30 p. m.—Melody Masters.
8:30 p. m.—Ice Hockey Game.
10:30 p. m.—Melody Masters.
TUESDAY, JANUARY 7
8:00 a. m.—Master Album.
8:30 a. m.—Town Cryer.
9:30 a. m.—Dr. J. D. Forrester.
1:30 p. m.—Panchon’s Style Chat.
3:00 p. m.—“Restful Hour.”
3:30 p. m.—Broadway Tunes.
7:30 p. m.—Jazz versus Ballads.
7:30 p. m.—Melody Masters with Martinelli.
8:30 p. m.—Joan Ray, contraalto: Jane S. Sands.
9:00 p. m.—The Silver Sliper Chasers with Melody Masters.
WEDNESDAY, JANUARY 8
8:00 a. m.—Town Cryer.
8:30 a. m.—Master’s Album.
9:00 a. m.—Broadway Tunes.
2:00 p. m.—Poke-Bonnet Sisters; Jane S. Sands.
2:30 p. m.—Melody Masters.
3:30 p. m.—Organ Recital.
7:00 p. m.—LeClair Boys.
7:30 p. m.—Rudolph’s String Ensemble.
8:30 p. m.—Organ Recital with Alice Blue.
9:00 p. m.—Melody Masters.
THURSDAY, JANUARY 9
8:00 a. m.—Master’s Album.
8:30 a. m.—Town Cryer.
9:00 a. m.—Morning Prayer Hour.
10:00 a. m.—Broadway Tunes.
1:30 p. m.—Panchon’s Style Chat.
2:00 p. m.—Joan Ray, contraalto: Jane S. Sands.
The essential features of these programs are identical with those sent us by the stations.

**KGW**  
**Portland, Oregon—620 Kc.**  
1000 WATTS—485.6 METERS  
THE MORNING OREGONIAN  
"Keep Growing Wiser"  

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Musical Master Works</td>
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<tr>
<td>10:30</td>
<td>Service Hour, KGW</td>
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<tr>
<td>11:00</td>
<td>Stewart Warner, KGW</td>
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<tr>
<td>12:45</td>
<td>&quot;Around the World with Libby&quot;</td>
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<tr>
<td>12:00</td>
<td>NBC*</td>
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<tr>
<td>13:45</td>
<td>&quot;Franz Children's Hour.&quot;</td>
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<tr>
<td>15:00</td>
<td>&quot;Franz Children's Hour.&quot;</td>
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<tr>
<td>16:45</td>
<td>NBC*</td>
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<tr>
<td>19:00</td>
<td>&quot;Duo-Disc&quot; program, NBC</td>
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<tr>
<td>20:00</td>
<td>Automatic Washer Machine Company</td>
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<tr>
<td>20:30</td>
<td>NBC*</td>
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<tr>
<td>21:00</td>
<td>&quot;Baker's Enna Jettick's</td>
</tr>
<tr>
<td>21:15</td>
<td>Baby's Boudoir</td>
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<tr>
<td>21:30</td>
<td>Fada Gill Players</td>
</tr>
<tr>
<td>22:00</td>
<td>Borden Milk program, NBC</td>
</tr>
<tr>
<td>22:30</td>
<td>&quot;Blumauer Frank, Valiant Perfumizers, KGW.</td>
</tr>
<tr>
<td>23:00</td>
<td>Little Symphony Orchestra</td>
</tr>
<tr>
<td>23:30</td>
<td>Fox Hollywood Organ</td>
</tr>
</tbody>
</table>

**SUNDAY, JANUARY 5**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>09:00</td>
<td>American Legion Americanization program</td>
</tr>
<tr>
<td>10:00</td>
<td>International Bible Students</td>
</tr>
<tr>
<td>11:00</td>
<td>Organ, KGW</td>
</tr>
<tr>
<td>11:30</td>
<td>National Youth Conference, NBC</td>
</tr>
<tr>
<td>12:00</td>
<td>Dr. Cadman's Service, NBC</td>
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<tr>
<td>12:30</td>
<td>Catholic Truth, KGW</td>
</tr>
<tr>
<td>13:00</td>
<td>Sunday Concert</td>
</tr>
<tr>
<td>13:30</td>
<td>The Spotlight, NBC</td>
</tr>
<tr>
<td>14:00</td>
<td>Studio, KGW</td>
</tr>
<tr>
<td>14:15</td>
<td>Dental Talk</td>
</tr>
<tr>
<td>14:30</td>
<td>&quot;Duo-Disc&quot; program, NBC</td>
</tr>
</tbody>
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**MONDAY, JANUARY 6**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>10:30</td>
<td>Fitch program, KGW</td>
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<tr>
<td>11:30</td>
<td>Records</td>
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<tr>
<td>12:30</td>
<td>Studio, KGW</td>
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<tr>
<td>12:45</td>
<td>NBC*</td>
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<tr>
<td>13:30</td>
<td>Studio, KGW</td>
</tr>
<tr>
<td>14:30</td>
<td>NBC*</td>
</tr>
<tr>
<td>15:15</td>
<td>Traffic Talk, KGW</td>
</tr>
<tr>
<td>15:45</td>
<td>Did You Know, KGW</td>
</tr>
<tr>
<td>16:00</td>
<td>Studio Records, KGW</td>
</tr>
<tr>
<td>16:45</td>
<td>&quot;Valiant KGW&quot;</td>
</tr>
<tr>
<td>17:00</td>
<td>&quot;The Clear Band,&quot; NBC</td>
</tr>
<tr>
<td>18:00</td>
<td>&quot;Fending Off&quot;</td>
</tr>
<tr>
<td>19:00</td>
<td>Organ Recital</td>
</tr>
</tbody>
</table>

**TUESDAY, JANUARY 7**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:15</td>
<td>YMCA Health Exercises</td>
</tr>
<tr>
<td>18:00</td>
<td>Meeting of the Portland Breakfast Club</td>
</tr>
<tr>
<td>18:15</td>
<td>Mary Hall Martin, NBC</td>
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<tr>
<td>18:30</td>
<td>Fels Naphtha, KKGW</td>
</tr>
<tr>
<td>19:15</td>
<td>Records, KGW</td>
</tr>
<tr>
<td>19:30</td>
<td>&quot;Mental&quot; KGW</td>
</tr>
<tr>
<td>20:00</td>
<td>Studio, KGW</td>
</tr>
</tbody>
</table>

See Page 30 for NBC Program.
Keeping in line with the popular demand for a small radio that fulfills the requirements as to selectivity and tone, the Powell Manufacturing Co. of 6121 South Western Avenue report plenty of activity on this number. This receiver is a 6-tube job with self-contained speaker and is housed in a very attractive walnut cabinet. While not built as a distance getter, dealers and users are reporting some very good logs. The price of $49.50 complete in Los Angeles in no manner tells the story of value in this case.

NBC Program
(Continued from Page 39)

6:00 p.m.—Seiberling Singers. KGO, KHQ, KOMO, KGW, KFI.
6:30 p.m.—Stanislas Bern's Little Symphony. KGO.
7:00 p.m.—Victor program. KGO, KHQ, KOMO, KGW, KFI.
7:30 p.m.—Standard Symphony Hour. KGO, KHQ, KOMO, KGW, KFI.
8:45 p.m.—Max Dole and His Violin. KGO.
9:00 p.m.—Memory Lane. KGO, KGW.
9:30 p.m.—The Olympians. KGO, KOA.
10:00 p.m.—Plantation Echoes. KGO, KOA.
11:00 p.m.—Laughner-Harris Hotel St. Francis Dance Orchestra. KGO, KHQ, KOMO.
FRIDAY, JANUARY 10
10:00 a.m.—DuBarry Radio program. KGO, KHQ, KOMO, KGW, KFI, KSL.
10:15 a.m.—The Recitalists. KGO.
11:30 a.m.—NBC Philharmonic Organ Recital. KGO.
12:00 noon.—Rembrandt Trio. KGO.
1:00 p.m.—Pacific Feature Hour. KGO, KOMO.
2:00 p.m.—Matinee Time. KGO.
3:30 p.m.—Musical Musketeers. KGO, KGW.
3:30 p.m.—What's Happening in the World. KGO, KOMO.
4:00 p.m.—Hotel St. Francis Salon Orchestra. KGO.
4:30 p.m.—News Service. KGO.
4:45 p.m.—"The World in Music." KGO.
5:00 p.m.—Cities Service Concert Orchestra and The Carillers. KGO, KHQ, KOMO, KGW, KECA.
6:00 p.m.—Intervened Pair. KGO, KHQ, KOMO, KGW, KFI.
6:30 p.m.—Arbour program. KGO, KHQ, KOMO, KGW, KFI.

Latest Up-to-the-Minute Call Book Now Ready!
1930 Radio Doings Call Book, the most complete Log Book ever published. Order yours now—25c.
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**KEX**

*GENERAL MANAGER*

Ralph Harr

*PROGRAM DIRECTOR*

Joseph F. Winston

Portland, Oregon—1180 Kc.

5000 WATTS—254.1 METERS

Owned and Operated by WESTERN BROADCASTING COMPANY

Member of Northwest Broadcasting System, Inc.

**TUESDAY, JANUARY 7**

7:00 p. m.—Silent till 8 o’clock.

8:00 p. m.—Classical program.

9:30 p. m.—Trouble of Thomas.

10:45 p. m.—Novelty program.

10:00 p. m.—Dance program.

**WEDNESDAY, JANUARY 8**

1:15 p. m.—Popular program.

8:30 p. m.—Hometowners, NBS.

7:30 p. m.—Silent to 9 o’clock.

9:15 p. m.—Melvin and Merciful.

8:30 p. m.—Sung Recital.

**THURSDAY, JANUARY 9**

1:15 p. m.—Popular program.

6:00 p. m.—Lyric Hour.

7:00 p. m.—Silent to 8 p. m.

8:00 p. m.—Classical program.

9:30 p. m.—Trouble of Thomas.

9:00 p. m.—Concert.

**FRIDAY, JANUARY 10**

11:00 a. m.—Studio program.

2:15 p. m.—Silent till 4 o’clock.

6:30 p. m.—Hometowners, NBS.

7:30 p. m.—Eaton and Robillard, NBS.

8:00 p. m.—Silent till 1 o’clock.

8:15 p. m.—Melvin and Merciful.

9:30 p. m.—Studio program.

**SATURDAY, JANUARY 11**

10:00 a. m.—Concert.

11:30 a. m.—Studio program.

5:30 p. m.—Children’s Hour.

6:30 p. m.—Dinner Concert.

6:45 p. m.—Silent till 9 o’clock.

9:15 p. m.—Melvin and Merciful.

9:30 p. m.—Studio program.

**KGA**

*GENERAL MANAGER*

Ralph A. Horr

*STATION MANAGER*

H. E. Studebaker

Harry Long

Program Director

Spokane, Wash.—1470 Kc.

5000 WATTS—204 METERS

Northwest Broadcasting System, Inc.

**TUESDAY, JANUARY 7**

7:00 p. m.—The Harmonists.

7:30 p. m.—Hometowners Orchestra.

7:30 p. m.—KGA Concert Band.

8:30 p. m.—Los Gauchos Argentines.

10:00 p. m.—Concert Ensemble.

10:30 p. m.—Request program.

**MONDAY, JANUARY 6**

6:30 p. m.—Glen Eaton, tenor; Marjorie Robillard.

8:00 p. m.—Damski’s Neapolitans, NBS.

9:00 p. m.—Los Gauchos Argentines, NBS.

10:00 p. m.—Request program.

11:00 p. m.—RKO-KGA Hour

**TUESDAY, JANUARY 7**

7:00 p. m.—Harry Long, baritone; Artists Ensemble.

7:30 p. m.—Sam Dixon, tenor.

8:30 p. m.—Harmony Acres Dance Band.

9:00 p. m.—Concert Ensemble: Sidney Dixon, tenor.

**WEDNESDAY, JANUARY 8**

6:30 p. m.—Glen Eaton, tenor; Marjorie Robillard.

7:30 p. m.—Hometowners Orchestra.

8:00 p. m.—Artists Ensemble.

9:00 p. m.—Los Gauchos Argentines; Elmore Vincent.

**THURSDAY, JANUARY 9**

7:30 p. m.—Harry Long, baritone.

8:00 p. m.—Harmony Acres, NBS.

9:00 p. m.—“Hour on Broadway”

**FRIDAY, JANUARY 10**

3:00 p. m.—Popular Pot Pourri.

7:00 p. m.—Hometowers Orchestra, NBS.

8:00 p. m.—Studio program.

9:00 p. m.—Damski’s Neapolitans, NBS.

**SATURDAY, JANUARY 11**

2:00 p. m.—Popular program.

8:00 p. m.—Harmony Acres Orchestra, NBS.

9:00 p. m.—Melvin and Merciful.

9:30 p. m.—Request program.

10:00 p. m.—Los Gauchos Argentines, NBS.
KJR
Seattle, Washington—970 Kc.

Walter F. Loan
Station Manager
Thomas F. Smith
Studio Director
Hal Chafers
Al Schusa
John Pearson
Announcers
Henry Damski
Musical Director

DAILY EXCEPT SUNDAY
7:00 a. m.—Organ concert.
8:00 a. m.—Music and Drama.
11:00 a. m.—Morning Devotional Services.
11:00 a. m.—KJR Staff sermons.
12:00 noon—World in Review (except Wed.).
1:00 p. m.—Studio program.
1:00 p. m.—Vic Meyers’ Club Victor Orchestra.

SUNDAY, JANUARY 5
8:00 a. m.—Popular Music, opea concert.
9:00 a. m.—Glen Eaton, tenor; Marjorie Robillard, piano.
12:30 noon—Dinner.
2:00 p. m.—Eaton and Marjorie Robillard, piano.
3:00 p. m.—Glenn Eaton, tenor; Marjorie Robillard, piano.
5:30 p. m.—Raymond David Holmes, lecture.
6:00 p. m.—Glen Eaton and Marjorie Robillard.
6:15 p. m.—Stonewall Jackson, guitar.
7:00 p. m.—Hometowners Orchestra.
8:00 p. m.—Damski’s Neapolitans.
9:00 p. m.—Los Gauchos Argentines.
10:00 p. m.—Concert Ensemble.

TUESDAY, JANUARY 7
1:00 p. m.—Musical program.
3:00 p. m.—Elmore Vincent, tenor; Marjorie Robillard, piano.
5:00 p. m.—Dinner Concert.

THURSDAY, JANUARY 9
3:00 p. m.—Sidney Dixon, tenor; Harry Reed, piano.
5:00 p. m.—Dinner Concert.
6:00 p. m.—Glen Eaton, tenor; Marjorie Robillard.
6:15 p. m.—Rickey and Stonewall.
6:30 p. m.—Pair of Jacks.
7:00 p. m.—Concert Ensemble.
8:00 p. m.—Harmony Aces.
9:00 p. m.—“Hour on Broadway.”
10:00 p. m.—Orpheus Quintet.

FRIDAY, JANUARY 10
3:00 p. m.—Elmore Vincent, tenor; Marjorie Robillard.
5:30 p. m.—Raymond David Holmes, lecture.
6:00 p. m.—Dance Nature Club.
6:15 p. m.—Stonewall Jackson, guitar.
6:30 p. m.—Glen Eaton, tenor; Marjorie Robillard, piano.
7:00 p. m.—Hometowners Orchestra.
9:00 p. m.—Damski’s Neapolitans.
8:00 p. m.—Los Gauchos Argentines.
10:30 p. m.—Elmore Vincent, tenor; Marjorie Robillard.
11:15 p. m.—Concert Ensemble.

SATURDAY, JANUARY 11
2:30 p. m.—Matinee Melodies.
5:30 p. m.—Dinner Concert.
6:00 p. m.—Elmore Vincent, tenor; Pearl Dempsey.
6:15 p. m.—Rickey and Stonewall.
6:30 p. m.—Pair of Jacks.
7:30 p. m.—Agatha Turley, soprano; Sidney Dixon, tenor; Harry Reed, piano.
7:30 p. m.—Hail and Joe.
7:45 p. m.—Rickey Brass Quartet.
8:00 p. m.—Harmony Aces Orchestra.
9:00 p. m.—Northwest Radio Hour.
10:00 p. m.—Los Gauchos Argentines.

KFG
Los Angeles, Calif.—1120 Kc.

Alme Semple McPherson
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Arthur Shank
Nolan Tucker
Announcers
Esther Fricke
Tempie Organist

DAILY EXCEPT SUNDAY
7:20 a. m.—Family Altar Hour.
10:30 a. m.—Sunshine Hour (except Thursday).
11:00 a. m.—Noonday Musical program (except Monday).

SUNDAY, JANUARY 5
8:00 a. m.—Sabbath Sunrise Hour.
9:00 a. m.—Symphony Orchestra.
10:30 a. m.—Sunday Morning Worship.
12:30 p. m.—Temple Silver Band.

FRIDAY, JANUARY 10
2:00 p. m.—Angelus Temple News Reel.
3:00 p. m.—Rickets Hour.
4:00 p. m.—Public Tent Hour.
6:00 p. m.—Divine Healing Service.
9:30 p. m.—Back Home Hour.
SEATTLE, WASH.—920 Kc.
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METROPOLITAN CENTER, SEATTLE
Telephone Elliott 3900

DAILY EXCEPT SUNDAY

6:55 a. m. — Inspirational Services (except Tuesday, Thursday and Saturday).
7:00 a. m. — KPO, Making Merry with Sperry (except Tuesday, Thursday and Saturday).
8:00 a. m. — Shell Happy Time.
9:00 a. m. — Y. M. C. A. Health Exercises.
9:15 a. m. — Theater Organ Recital (except Tuesday and Thursday).
10:30 a. m. — NBC, Woman's Magazine of the Air (except Thursday and Saturday).
12:15 p. m. — Prudence Penny, "What to Prepare for Dinner."
12:30 p. m. — Grain Report.
12:35 p. m. — Concert Orchestra with singers.
1:00 p. m. — Mary Hinkle's Recipe Talks (except Wednesday).
4:00 p. m. — Resume of Evening's Broadcast.
4:15 p. m. — Kiddles' program (except Friday and Saturday).
4:45 p. m. — Stock and Bond Quotations (except Thursday and Saturday).
5:30 p. m. — Ethel and Andy.
11:00 p. m. — News Flashes and Laughner Harris' St. Francis Hotel Orchestra (except Monday and Saturday).
12:00 midnight—Fox Fifth Ave. Theater Organ Recital (except Monday).

SUNDAY, JANUARY 5

9:00 a. m. — Fox Fifth Ave. Theater Organ Recital.
10:00 a. m. — International Bible Students Association.
11:00 a. m. — Lucille Johnson, piano; G. Donald Gray, baritone.
11:15 a. m. — Plymouth Congregational Church.
12:15 p. m. — Lucille Johnson, piano; G. Donald Gray, baritone.
12:30 p. m. — NBC System—Dr. S. Parkes Cadman, Cathedral Hour.
2:00 p. m. — Artistic Ensemble with Perdín Korsmo, tenor.
2:00 p. m. — NBC System—Sunday Concert.
3:30 p. m. — Artistic Ensemble, with Veona Socolovsky, soprano.
4:00-7:15 p. m. — NBC.
7:45 p. m. — Artistic Ensemble with Perdín Korsmo, tenor.
8:00 p. m. — First Church of Christ, Scientist.
9:30 p. m. — NBC, Horden Milk program.
9:30 p. m. — Artistic Ensemble with Agnes Skartvedt, contralto.
10:00 p. m. — NBC, Gay Classics.

MONDAY, JANUARY 6

10:15 a. m. — Agnes Skartvedt, contralto.
11:30 a. m. — Concert Orchestra, with Perdín Korsmo, tenor.
1:15 p. m. — Concert Orchestra.
3:00 p. m. — NBC, Salt Lake Tabernacle Choir and Organ Recital.
5:30 p. m. — Vocal Ensemble Recital, directed by Greenwood Mitchell.
5:30 p. m. — Artistic Ensemble with Fred Lynch.
6:00-9:00 p. m. — NBC.
10:00 p. m. — University of Washington Educational Hour.
10:30 p. m. — Weed Chain program.
11:00 p. m. — Olympic Hotel Dance Orchestra.

TUESDAY, JANUARY 7

9:15 a. m. — Ethel Parks, contralto; Hayden Morris, basso.
9:45 a. m. — NBC, Betty Crocker's Gold Medal Talk.
10:00 a. m. — Ethel Parks, contralto; Hayden Morris, basso.
10:15 a. m. — NBC, Mary Hale Martin Hour.
11:30 a. m. — Concert Orchestra with Perdín Korsmo, tenor.
1:15 p. m. — Studio program—Concert Orchestra, with Agnes Skartvedt, contralto.
2:30 p. m. — Artistic Ensemble with G. Donald Gray, baritone.
3:30 p. m. — NBC, Voters' Service.
5:15 p. m. — Rhena Marshall and Fred Lynch, solos and duets.
5:30-9:00 p. m. — NBC.
9:30 p. m. — Concert Orchestra with Fred Lynch, tenor.
10:00 p. m. — NWT—Gold Shield Little Symphony Hour.

WEDNESDAY, JANUARY 8

9:00 a. m. — YMCA Health Exercises.
9:10 a. m. — Fels Nazth Auditee broadcast.
10:15 a. m. — Ethel Parks, contralto, and Veona Socolovsky, soprano; solos and duets.
11:30 a. m. — Concert Orchestra.
1:00 p. m. — NBC, Radio Guild.

See Page 30 for NBC Program.
Seattle, Washington—760 Kc.

KVI

100 WATTS—396.5 METERS

PUGET SOUND BROADCASTING CO., INC.

Studios: Northern Life Tower, Seattle — Tacoma Hotel, Tacoma

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DAILY EXCEPT SUNDAY

7:00 a.m. — Recordings

8:00 a.m. — Morning Talk program

9:00 a.m. — Studio talk

9:15 a.m. — Beauty talk (Tues., Thurs. and Sat.)

9:30 a.m. — Woman’s Hour, DLBS

10:00 a.m. — Studio program; staff artists

1:00 a.m. — Recordings; announcements

2:00 noon — Columbia Ensemble, CBS

2:00 p.m. — Happy Go-Lucky Hour, DLBS (ex Sat. and Sun.)

SUNDAY, JANUARY 5

9:00 a.m. — The Aries, CBS

10:00 a.m. — First Baptist Church, Tacoma

12:00 noon — Symphonic Hour, CBS

2:00 p.m. — McKennon & Robbins News Reel of the Air, CBS

2:30 p.m. — Studio vocalists

3:00 p.m. — Instrumental Ensemble; vocalists

4:00 p.m. — Our Romantic Ancestors, CBS

4:15 p.m. — The World’s Business

5:00 p.m. — Staff artists

5:30 p.m. — Name King and his orchestra, CBS

5:50 p.m. — Val Valente’s Orchestra, DLBS

6:30 p.m. — Instrumental program

7:00 p.m. — Vic Myers’ Recording Orchestra

1:00 p.m. — Herb Mertertick’s Orchestra, DLBS

MONDAY, JANUARY 6

2:30 p.m. — Marjorie Oelrichs, fashion director, CBS

2:45 p.m. — “Two Charm of Correct Speech.” CBS

3:00 p.m. — U. S. Navy Band, CBS

2:00 p.m. — Club Plaza Orchestra, CBS

2:30 p.m. — Staff artists

4:15 p.m. — Dr. Tather Clark, French lessons, CBS

5:00 p.m. — Studio program

5:30 p.m. — Current Events, H. V. Kaltenborn, CBS

4:00 p.m. — Commedia Ensemble, CBS

4:45 p.m. — “Voice of Filmland,” CBS

5:00 p.m. — Sunset Ensemble, DLBS

5:30 p.m. — Hank How and his orchestra, DLBS

9:00 p.m. — Blue Monday Jamhoree, DLBS

10:00 p.m. — Anson Weeks’ Orchestra, DLBS

1:00 p.m. — Earl Burtnett’s Orchestra, DLBS

TUESDAY, JANUARY 7

9:15 a.m. — Beauty talk

2:30 p.m. — For your Information, CBS

1:00 p.m. — U. S. Army Band, CBS

2:00 p.m. — Happy-Go-Lucky Hour, DLBS

3:00 p.m. — Studio program

3:30 p.m. — Dinner Symphony, CBS

4:00 p.m. — Staff artists

4:30 p.m. — Instrumental Ensemble; vocalists

5:00 p.m. — Children’s program

5:30 p.m. — Instrumental Ensemble; vocalists

8:00 p.m. — Val Valente’s Orchestra, DLBS

WEDNESDAY, JANUARY 8

2:30 p.m. — Studio program

3:00 p.m. — Musical Album, CBS

1:30 p.m. — Club Plaza Orchestra, CBS

2:00 p.m. — Happy-Go-Lucky Hour, DLBS

3:00 p.m. — Studio vocalists

3:15 p.m. — Bill Schlett’s “Going to Press,” CBS

3:30 p.m. — Ben Pollack’s Silver Slipper Orch., CBS

4:00 p.m. — Commedia Ensemble, CBS

4:15 p.m. — Bob Hope Band from Washington

5:30 p.m. — Concert Orchestra; Meredith Wilson

5:50 p.m. — Morrie Chub (M-G-M)

8:00 p.m. — Studio program; instrumental trhe; vocalists

1:10 p.m. — Earl Burtnett’s Orchestra

THURSDAY, JANUARY 9

2:30 p.m. — Studio program

1:00 p.m. — U. S. Marine Band

2:00 p.m. — Happy-Go-Lucky Hour

FRIDAY, JANUARY 10

12:15 p.m. — Studio vocalists

1:00 p.m. — U. S. Navy Band

2:00 p.m. — Happy-Go-Lucky Hour

3:00 p.m. — Instrumental Ensemble

4:00 p.m. — Hotel Paramount Orchestra

4:30 p.m. — Studio program

5:00 p.m. — Sunset Ensemble

5:30 p.m. — Hank How and his orchestra

9:00 p.m. — True Story Hour, CBS

10:00 p.m. — Instrumental Trio; vocalists

11:00 p.m. — Val Valente’s Orchestra, DLBS

SATURDAY, JANUARY 11

1:00 p.m. — Lighthouse for the Blind, CBS

1:30 p.m. — Ann Leaf at the organ, CBS

2:00 p.m. — Club Plaza Orchestra, CBS

3:00 p.m. — Musical Vespa, CBS

3:30 p.m. — Kit Wit Hour, CBS

4:30 p.m. — Bernard Lertcow and his Commedre Ensemble, CBS

5:00 p.m. — Dr. Arthur Torrance

5:15 p.m. — French Trio, CBS

5:30 p.m. — Dixie Echoes, CBS

9:00 p.m. — The Merry-makers, DLBS

10:00 p.m. — Studio vocalists

10:10 p.m. — Anson Weeks’ Orchestra, DLBS

11:10 p.m. — Earl Burtnett’s Orchestra, DLBS

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Stop

A.C. Noise!

Improve

Selectivity!
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Cincinnati, Ohio—700 Kc.

50,000 WATTS—428 METERS

The Crosley Radio Corporation
Ford Billings, Director
Pacific Standard Time

Only early morning and night hours are given, as daylight reception on the Pacific Coast is practically impossible.

**ANDY MANSFIELD**

DAILY EXCEPT SUNDAY

3:30 a.m.—Organ program by Arthur Chandler.
5:00 a.m.—Alcathine Jr. Exercise program.
5:30 a.m.—Morning Devotion.
6:00 a.m.—Crosley Woman's Hour.
7:00 a.m.—Weather Announcements (ex. Friday).
8:00 a.m.—Hotel Gibson Orchestra (ex. Saturday).
10:00 a.m.—Henry Tilles Orchestra (ex. Saturday).
10:30 a.m.—Time Announcements.

SUNDAY, JANUARY 5

5:00 p.m.—Eva Jetick Melodies, NBC.
5:15 p.m.—Collier's Hour.
6:15 p.m.—Jolly Time Popcorn Kernel.
7:00 p.m.—Selby Symphony Hour.
7:30 p.m.—Craddock Troupers, NBC.
8:00 p.m.—Musical Novelties.
9:30 p.m.—Little Jack Little.
9:30 p.m.—Sign Off Time Signal.

MONDAY, JANUARY 6

5:00 p.m.—Duro Automatics.
5:30 p.m.—Ingram Shavers.
6:00 p.m.—Henry Fillmore's Band.
6:30 p.m.—Real Folks.
7:00 p.m.—Hamilton Tailoring Club.
7:30 p.m.—Empire Builders, NBC.
8:00 p.m.—Michael Hauer's Orchestra.
8:30 p.m.—Heerman Trio, with Melville Ray.
9:30 p.m.—Cino Singers.

TUESDAY, JANUARY 7

5:00 p.m.—Webb Bubble Blowers.
5:30 p.m.—Around the World with Libby, NBC.
6:00 p.m.—Johnson & Johnson program, NBC.
6:30 p.m.—Numm-Bush-Weldon program.
7:00 p.m.—Armco Band.

**KTBI**

Los Angeles, Calif.—1300 Kc.

1000 WATTS—244.6 METERS—1300 Kc.—Bible Institute of L. A.

HARRY F. HERDMAN, Announcer. Phone ME, 6701

R. W. BURNS, Technician

GORDON E. HOOKER, Accompanist

PAIGE, Program Director

DAILY EXCEPT SATURDAY AND SUNDAY

8:30 a.m.—Uncle Harry's Bible Story.
8:15 a.m.—Devotional Hour.
9:15 a.m.—Radio Bible Course.
10:30 a.m.—Dr. John C. Page.
12:00 noon—Karcher Library.
Radio Doings

January 4

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

**Salt Lake City—1290 Kc.**

**KDYL**

John M. Baldwin  
Technical Director  
Charles R. Hanson  
Musical Director  
George D. Snell  
Announcer  
Tom Babbe  
Announcer  
Victor P. Vetter  
Technical Announcer

**GEORGE SNELL**  
DAILY EXCEPT SUNDAY

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>5:00 a.m.</td>
<td>&quot;Good Morning.&quot;</td>
</tr>
<tr>
<td>5:05 a.m.</td>
<td>The Alarm Clock</td>
</tr>
</tbody>
</table>
| 5:30 a.m. | CBS Utah Monday Gloom Chasers (except
| Monday and Thursday) |
| 7:00 a.m. | Breakfast Program of Waltz Tunes    |
| 7:20 a.m. | "Hop of the Morning."             |
| 7:45 a.m. | Fifteen Minutes with the Popular Sons |
| 8:00 a.m. | Police Headquarters                |
| 8:10 a.m. | News Tones                        |
| 8:30 a.m. | Household Hints, Mrs. Tenny        |
| 8:50 a.m. | "Shopping Jaunt."                 |
| 9:00 a.m. | Pueritas                            |
| 9:00 a.m. | (Mon., Wed., Fri.) Faded Prints    |
| (Tues., Thurs., Sat.) Hawaiian Echoes |
| 10:15 a.m. | Mid-day Oraan Recital             |
| 10:30 a.m. | Songs from the SilverScreen       |
| 10:45 a.m. | Farm Flashes                       |
| 1:00 p.m.  | CBS Patterns in Prints             |
| 2:00 noon  | Classic Sketches                   |
| 2:30 p.m.  | CBS For Your Information           |
| 3:00 p.m.  | CBS Musical Album                  |
| 3:30 p.m.  | Afternoon Jazz Skit                |
| 3:50 p.m.  | Varieties                          |
| 4:00 p.m.  | Popular Period of Requests         |
| 5:00 p.m.  | Matinee Drama Hour                 |
| 5:30 p.m.  | Uncle Tom and the Kangaroo         |
| 5:40 p.m.  | The Day's Popular Tunes            |
| 5:50 p.m.  | Dinner Hour Varieties              |
| 6:00 p.m.  | Snappy Dance Recordings (except Tuesday and Saturday) |
| 11:00 p.m. | Dance Music                        |
| 12:00 midnight-Sim Off.          |

**SUNDAY, JANUARY 5**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>&quot;Good Mornings.&quot;</td>
</tr>
<tr>
<td>8:05 a.m.</td>
<td>Hour's Happy Hours</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>CBS—Railroad Hall</td>
</tr>
<tr>
<td>8:50 a.m.</td>
<td>CBS—Symphonic Hour</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>CBS—Cathedral Hour</td>
</tr>
<tr>
<td>9:45 p.m.</td>
<td>CBS—The McKean—Robbins News Reel of the Air.</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>Music Box Announcer, Novel Program.</td>
</tr>
<tr>
<td>9:45 p.m.</td>
<td>CBS—Watch Tower Program</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>CBS—Hills of Modern Music</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>CBS—French Trio</td>
</tr>
<tr>
<td>11:15 p.m.</td>
<td>CBS—&quot;The World's Business.&quot;</td>
</tr>
<tr>
<td>11:45 p.m.</td>
<td>CBS—Majestic Theatre of the Air.</td>
</tr>
<tr>
<td>12:00 a.m.</td>
<td>&quot;Konrad's Poet of the Organ.&quot;</td>
</tr>
<tr>
<td>12:30 a.m.</td>
<td>CBS—Arabianas</td>
</tr>
<tr>
<td>12:45 a.m.</td>
<td>CBS—Novelty of the Air.</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>CBS—The Beehive Salon Ensemble.</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>CBS—Studio Program.</td>
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**MONDAY, JANUARY 6**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 p.m.</td>
<td>Popular Recordings</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>The Old and New in Popular Dance Hits</td>
</tr>
</tbody>
</table>

**TUESDAY, JANUARY 7**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30 p.m.</td>
<td>Songs of the Past</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>His Paul Whiteman and His Orchestra</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Romance of Jewelry</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>CBS—New Year's Eve Party</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>CBS—Paramount Hotel In New York City</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Norma Peterson Beck Trio</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>John Robel's Lasso Orchestra</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>Favorite Dance Recordings</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>Ocean Tour Pictures, with Ethel Homan</td>
</tr>
</tbody>
</table>

**WEDNESDAY, JANUARY 8**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:45 p.m.</td>
<td>CBS Grand Opera Concert.</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Johnny Robel's Dance Orchestra</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Union Bell Drivers</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>CBS—In a Russian Village</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>&quot;Sunset Hour.&quot;</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Whiten, Whitney and Rodgers</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>CBS—Bally Jazz Orchestra</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>Some Paintings</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>Musical Parade</td>
</tr>
<tr>
<td>11:00 p.m.</td>
<td>&quot;Last Night Review.&quot;</td>
</tr>
</tbody>
</table>

**THURSDAY, JANUARY 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30 p.m.</td>
<td>Twilight Echoes</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>The Western Trio</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Program of Popular Music</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>KDYL, Feature Artists</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>CBS—National Forum from Washington.</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>CBS—Will O'born and orchestra</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>CBS—Hotel Paramount Orchestra</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Studio program</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>Harmony Hour.</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>ORAG Tour Pictures, with Ethel Homan</td>
</tr>
</tbody>
</table>

**FRIDAY, JANUARY 10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:45 p.m.</td>
<td>Waltz Gams</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>The Wonder of the Air.</td>
</tr>
<tr>
<td>6:15 p.m.</td>
<td>The Kilawaa Brothers.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>The Vesper Trio</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>One-night Hour, with the Senator from Sandpit</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>CBS—Brown-Bilt Facilities</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Silver Slipper orchestra</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>CBS—True Story Hour</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>Popular Recordings</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>Dick Forsyth and His Orchestra</td>
</tr>
</tbody>
</table>

**SATURDAY, JANUARY 11**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 p.m.</td>
<td>CBS Program, Air and Mrs.</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>Popular Radio Entertainers at the Studio</td>
</tr>
<tr>
<td>7:05 p.m.</td>
<td>Five-Minute Investment Talk.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>CBS—Paramount Publica Hour.</td>
</tr>
</tbody>
</table>
| 8:00 p.m. | CBS—Guy Lombardo and His "Royal Fandana."
| 8:30 p.m. | CBS—Broadcast from Paramount Hotel   |
| 9:00 p.m. | Whiten, Whitney and Rodgers          |
| 9:30 p.m. | The Club Trio                        |
| 10:00 p.m. | Dance Program                       |
| 10:30 p.m. | ORAG Tour Pictures, with Ethel Homan |

To get the greatest enjoyment from your radio you need the 1930 Call Book. Order now—25c.

**ATWATER KENT 60**

The Most Selective Receiver on the Market Today

H. A. Everest  
7406 MELROSE AVE.  
ORegon 4702  
K. G. Landgraf
The essential features of these programs are identical with those sent us by the stations

Salt Lake, Utah—1130 Kc.
3000 WATTS—265.3 METERS

Studies in the Vermont Building
"The Voice of the Inter-Mountain Empire"

8:00 p. m.—"The Jewel Box."
8:45 p. m.—Dr. E. F. Keller.
9:30 p. m.—NBC, "The Voice of Firestone."
9:30 p. m.—Diversified Drama program.
10:00 p. m.—NBC, Slumber Hour.

TUESDAY, JANUARY 7
2:00 p. m.—Radio Auction Bridge.
4:00 p. m.—Variety instrumental and vocal program.
5:30 p. m.—NBC, "Around the World with Libby."
6:00 p. m.—NBC, Eveready Hour.
7:00 p. m.—NBC, Clique Club Eskimos.
7:30 p. m.—NBC, Radio-Keith-Orpheum.
8:45 p. m.—Utah Instrumental Quartet.
9:30 p. m.—Mixed quartet and instrumentalists in variety program.
10:30 p. m.—Concert.
10:00 p. m.—Cline Kid's Tavern Dance Band.

WEDNESDAY, JANUARY 8
9:30 a. m.—"The Household Institute."
10:15 a. m.—NBC, "Favorite Recipes of Mary Hale Martin."
10:30 a. m.—Helen Webster, Interior Decoration Expert.
4:30 p. m.—NBC, "Westinghouse Salute."
5:00 p. m.—NBC, Musical program.
5:30 p. m.—"The Sunshine Girls."
6:00 p. m.—NBC, "The Old Counselor," by Halsey Stuart.
6:30 p. m.—NBC, Palmolive Hour.
7:30 p. m.—NBC, Victor Wagner's Orchestra.
8:00 p. m.—Instrumental and Vocal Ensemble.
8:45 p. m.—"The Romance of Germs."
9:00 p. m.—"The Sunfrost Ensemble."
9:30 p. m.—Program by electrical transcription.
10:00 p. m.—NBC, "Cotton Blossom Minstrels."

THURSDAY, JANUARY 9
5:00 p. m.—NBC, Fleischmann "Sunshine" program, starring Rudy Vallee.
6:00 p. m.—Vince Light Opera Company.
7:00 p. m.—NBC, Victor Radio program.
8:00 p. m.—Musical Ensemble.
9:00 p. m.—Musical Varieties.
9:30 p. m.—"Blue Blaze Miners."
10:00 p. m.—Milt Taggett's Odean Orchestra.

FRIDAY, JANUARY 10
8:00 a. m.—Darnynch Music Appreciation Hour.
9:00 a. m.—NBC, "Evening Stars."
10:00 a. m.—NBC, Richard Hudnut program, beauty talk.
5:00 p. m.—NBC, "Cities Service."
6:00 p. m.—NBC, Interwoven Pair. "The Happiness Boys."
6:30 p. m.—NBC, Philco Hour.
7:00 p. m.—NBC, Armstrong Quakers.
7:30 p. m.—NBC, Armour Ensemble.
8:00 p. m.—Musical NC, Benson's Concert Hour.
9:30 p. m.—Utah Hour.
10:30 p. m.—Request Hour.

MONDAY, JANUARY 6
3:00 p. m.—NBC, Salt Lake Tabernacle Choir and organ.
3:30 p. m.—"Ye Olde Towne Crier."
5:00 p. m.—Studio program dance orchestra.
5:30 p. m.—Vocal and instrumental selections.
5:45 p. m.—Educational program.
6:00 p. m.—NBC, Edison program.
6:30 p. m.—NBC, General Motors "Family Party."
7:30 p. m.—"Western Hour."
7:30 p. m.—NBC, Great Northern R. R. program.

1930 Radio Doings Call Book is essential to greatest radio enjoyment. On sale now at all newsstands.

A COMPLETE CATALOG
containing detailed information on condensers and resistors may be had free on request.

THE RESEARCH WORKER
will keep you abreast of the developments in radio. It may be had free on request.

www.americanradiohistory.com
DENVER, COLORADO—830 KC.

KOA

12,500 WATTS—361.2 METERS

GENERAL ELECTRIC CO.

Pacific Standard Time. Tel. Yor, 5000

“Rocky Mountain Broadcasting Station”

Pacific Standard Time Given

Programs Furnished by the National Broadcasting Company

DAILY EXCEPT SATURDAY AND SUNDAY

5:00 a. m.—Morning Revelers.
7:30 a. m.—As Heard Over the Telephone.
10:00 a. m.—National Farm and Home Hour, NBC.
10:45 a. m.—Weather Stock and Market Reports (except Monday and Saturday).
11:01 a. m.—Orphan Recital.
4:15 p. m.—Stock Reports, News, etc.
8:30 p. m.—Amos 'n Andy.

5:00 p. m.—Erno Ravone's Melodiola Concert, N. Y.
5:30 p. m.—Extension Service, Colorado Agricultural College.
6:00 p. m.—Halber, Stewart program, N. Y.
6:30 p. m.—Palmolive Hour, N. Y.
8:00 p. m.—Studio features.
8:30 p. m.—The Pepsodent program, Amos 'n Andy, Chicago.
9:15 p. m.—KOAA Concert Orchestra.
9:30 p. m.—Miniature Biographies, S. F.
10:00 p. m.—Sports Talk, S. F.
10:15 p. m.—Cotton Blossom Minstrels, S. F.

THURSDAY, JANUARY 9

12:10 p. m.—Farm Electrification Chat.
12:30 p. m.—The Magic of Speech, N. Y.
12:45 p. m.—Band of a Thousand Melodies, N. Y.
3:00 p. m.—Across the Desert into Arabia, N. Y.
1:00 p. m.—U. S. Army Band, Wash.
2:00 p. m.—Music Critic on the Air, N. Y.
2:15 p. m.—Melody Musketees, N. Y.
2:30 p. m.—The Lady Next Door, N. Y.
3:30 p. m.—Summary of KOA programs.
3:00 p. m.—Black and Gold Room Orchestra, N. Y.
4:00 p. m.—Mid-Week Federation Hymn Sing, N. Y.
5:00 p. m.—Fleischmann Hour, N. Y.
6:00 p. m.—Selberling Singers, N. Y.
6:30 p. m.—Maxwell House Melodies, N. Y.
7:00 p. m.—Victor program, N. Y.
8:15 p. m.—Park Lane Hotel Mixed Quartet.
9:30 p. m.—The Ramblers, S. F.
10:00 p. m.—Plantation Echoes, S. F.
10:15 p. m.—NBC Green Room, S. F.

FRIDAY, JANUARY 10

8:00 a. m.—NBC Music Appreciation Hour, N. Y.
9:00 a. m.—Evening Stars, N. Y.
1:00 p. m.—Pacific Feature Hour, S. F.
3:30 p. m.—Matinee, Iris Paves Gilmore and her KOA Players.
5:00 p. m.—Cities Service Concert Orchestra.
6:00 p. m.—Intervened Pair, N. Y.
6:30 p. m.—Philco's Theatre Memories, N. Y.
7:00 p. m.—Armstrong Quakers, N. Y.
7:30 p. m.—Armour program, N. Y.
8:00 p. m.—Reminiscences of the Old West.
8:45 p. m.—Sally Mason in "New Sones."
9:00 p. m.—Orchestra.
9:30 p. m.—The Stage-coachers.
10:00 p. m.—In the Parlor, S. F.
10:30 p. m.—The Pacific Nomads, S. F.

SATURDAY, JANUARY 11

9:00 a. m.—Organ recital.
9:30 p. m.—The Skellodins, Tagolene Singers, Chicago.
5:00 p. m.—The New Business World, Wash.
5:30 p. m.—Lauderand Lyrics, Chicago.
6:00 p. m.—General Electric Hour, N. Y.
7:00 p. m.—H. A. Rolfe and his Lucky Strike Orches-
tra, N. Y.
8:00 p. m.—Olinger Male Quartet.
8:45 p. m.—Preview of International Sunday School
Lesson.
9:15 p. m.—The Seven Aces.
10:15 p. m.—Tales Never Told, S. F.
C. M. McIntosh, the western salesman of the Cable Tube Co., who manufacture the fast-selling Speed tube, and Barry Bloeden, the Los Angeles representative of the company, have just completed a visit to all the "key" accounts in California. The Speed tube has steadily gained in popularity this last year until now it is one of the most popular tube lines on the market. "Nineteen-thirty looks good to me," said McIntosh. "It will be a banner year for radio."

A better service, both before purchase and after, is the slogan of theOrmiston Radio Shop, 4018 West 10th Street, Majestic dealer for the Tenth and Norton district. "We completely check every set before it leaves our shop," says Tom Ormiston, "and in that way reduce our service calls to the very minimum."

The Robert E. Hopkins & Co. Radio Financing Department is filling a much needed place in the industry—that of taking up contracts from the dealers. A feature of this department is, "Your money right now—no matter what amount may be due." Dealers who are now using this service vouch for that company's slogan of "It pays to know us."

Mrs. Robinson, of the Robinson Radio Shop, 4523 South Western Avenue, the shop of "personality and smiling service," reports a fine season's business, and accounts for the year's increase as being due to their certified service. The public is beginning to appreciate and demand trained service men, says Mrs. Robinson.

Herbert A. Horn, the Southern California and Arizona distributor of Temple radio, has just returned from a week's visit to Chicago. Mr. Horn had the pleasure of going through and inspecting the huge manufacturing plants of the Temple Company. Both the Temple and the Horn companies have enjoyed a most profitable business during 1929 and are looking forward to an even larger business during 1930.

Mr. Carl Johnson, sales manager for Davies, Inc., Southern California distributor for Colonial Radio, left this week for the East, where his plans call for an intensive conference at the factory. In commenting on the outlook, Mr. Johnson says: "We are very happy about the manner in which the dealers of this district have accepted the Colonial and can foresee a very bright future. Being a very new line on the West Coast and entirely new in construction and cabinet design, the Colonial is outstanding and offers the dealer many exclusive features."

A Trip Through The Magnavox Factory

(Continued from Page 20)

And again I was aware of the amazing control of variable factors which must be possible to make a speaker which dares be guaranteed for a lifetime. When I realized that almost every part of the speaker—indeed, almost every operation in making every part—constituted a variable factor, I had a new respect for a scientific achievement which heretofore I had regarded as only another article of merchandise.

Furthermore, I understood thoroughly now the need for inspection after inspection.

And finally, as I walked away, I realized that all too seldom do we appreciate the wonderful background of inventive and creative reasoning that lies behind our everyday appliances which we buy in a store, set on the table, and forget about except to enjoy their performance.
SEES NO SENSATIONAL
SET IMPROVEMENTS

About every so often there is a report that the radio industry, or some manufacturer, is going to spring something which will revolutionize things and render all present sets and methods of manufacture obsolete. Exactly such a report followed a meeting of radio engineers in the East recently. However, when a well known manufacturer was asked about it, he said:

"We do not known of anything particularly new on the horizon, except possibly that the new Pentode tube may be brought into use next year. This particular tube is not designed to do anything radically different in the way of performance, and if used at all next year, it will be merely as a means of building a somewhat cheaper set than is possible at the present time.

"I understand the Radio Corporation will release these tubes for test some time in February, and that they have already endeavored to get the reaction of the licensees on the advisability of putting the tube out commercially early next year."

A ROYAL FEATURE

If King George’s address is successfully rebroadcast throughout the United States, as is expected when he addresses the five-power pact naval parade in London, Tuesday, January 21st, it will be the second time the voice of a crowned ruler will have been heard in the United States, and the first time broadcast over a network.

The first foreign ruler heard here was King Alfonso when he exchanged greetings with President Coolidge at the time of the opening of the new telephone building in Madrid.

This was a two-way radio telephone conversation, but King Alfonso’s voice was only heard by President Coolidge, and a small group of individuals who had gathered in the Assembly Hall of the Chamber of Commerce of the United States supplied with head phones.

However, when the Prince of Wales dedicated the International bridge at Buffalo his voice was broadcast throughout the country over a chain of stations.

If King George’s voice is heard, as expected, about the only novelty left for radio listeners in the way of a distinguished foreign speaker will be to hear the voice of the Pope from the Vatican in Rome, and it is predicted that at the rate international broadcasting is developing it will only be a question of time until they will have the opportunity of doing this.

"ARE WE BLUE?"

Considering what we have to offer musically in the United States, the programs we sent abroad recently at the time of the England, Germany and Holland international broadcasts, were very inferior.

The broadcast to Holland was particularly poor. One would naturally think we would put our best foot forward on such an occasion. We wonder, for instance, how our cultured Dutch friends enjoyed “Am I Blue?” as it was moaned to them, and what they may think of us if they believe this is the best we can offer musically. For the most part our offerings were a lot of jazzy tunes and not particularly well played at that.

It would have been just as easy to have put on something typically American like the United States Marine Band. Likewise our programs showed an utter lack of anything typifying the Christmas spirit. Christmas, almost reverently in some instances, permeated the foreign programs, but ours sounded more as though they came from a Broadway night club.
Radio Advertising

By K. G. Ormiston

The problem of how to please the listening station public, and yet make a broadcast station show a profit, is one which is graying the hair of our station managers. The public resents what they term too much advertising, and yet in no other way can the stations exist.

The following letter from one of our good readers, Harrie C. McClintock of El Centro, Calif., expresses the opinion and the wishes of the majority of radio listeners. He writes:

"May I call your attention to a condition developing among the radio audience, which will end in ninety per cent of the receivers being silent ninety per cent of the time, and then only tuned in on stations where they can be reasonably certain of their entertainment? "We realize that advertising is the life blood of broadcasting stations, but as Sunday is a day of rest, it seems that we should be entitled to rest from high-pressure salesmanship on that day. I am confident that no objection would be voiced if a sponsored program were opened and closed with a simple announcement that such and such a firm were sponsors of the program, and not have to have every three minutes' of entertainment punctuated with six minutes of super-sales talk.

"Manufacturers of receiving sets, who are the ones most vitally interested, would do well to make an effort to remedy the existing situation, as one of the greatest arguments against buying a set is having to listen to so much sales talk.

"An analysis of the voting results of the Station Popularity Contest, now being conducted by Radio Digest, will bear out this statement, as the stations receiving the highest number of votes are the ones doing the minimum of advertising."

Now let us consider the broadcaster's viewpoint. Our correspondent calls attention to the fact that the stations which win popularity contests are the powerful stations which do a minimum of advertising. Quite true, but these are also the stations which operate at a loss! What does it avail a station owner to be pointed out as popular when he must dig down in his pocket to the tune of thousands of dollars every month to attain that popularity?

The recent analysis submitted to the Senate by the Federal Radio Commission disclosed the fact that more than half of the stations operate at a loss, and that this half represents the powerful stations. All of the 50,000-watt stations show a heavy loss, as do most of the stations above 5000 watts. The ones which pay a profit are the little fellows who smear the advertising on so thick. And the big stations are looking at their profits with envious eyes, and some are emulating their methods.

The station manager must strive to make the revenue at least equal the operating cost, and he naturally employs the methods which he finds by experience are the most successful. And too often these methods are not the most acceptable to the listening public. It is easy for the listener to suggest how it should be done, but the station owner has in many cases spent hundreds of thousands of dollars and several years trying to find the answer. It is all not as simple as our friends at the receiving end might believe.

Mr. McClintock writes that the manufacturers of radio receivers should rectify the situation. The manufacturers are doing their best by sponsoring programs through the chains, and thus patronizing the stations whose ledgers constantly show red. In fact, the radio industry spends more money annually with the broadcast stations than does any other single industry. But six hundred radio stations cannot devote all of their time to advertising radio receivers, any more than the Saturday Evening Post could live on radio set advertising alone. So we must advertise automobiles, cigarettes, talkies, real estate, gasoline, hair tonic, etc.

There is a wealth of entertainment and educational features on the air daily, blended with a far lower percentage of advertising than the average magazine carries. We would ask that our readers bear with the broadcasters and their problems, accept the chaff with the wheat, and remember that listening to advertising blurs is a mighty cheap price to pay for the privilege of hearing the greatest symphony orchestras, operatic stars, entertainers, dance orchestras, speakers and singers in your own home!
Radio in Hungary

Willis Werner, a San Francisco reader, sent us the following letter which he received from the editor of "Radio Amateur," Budapest. It gives an interesting outline of radio conditions in Hungary. We have preserved the original quaint phraseology.

Dear Sir:

I have read your very interesting letter in the "Modern Wireless" magazine from December, and as you are interested in foreign fan doings, I am writing to you, hoping that you will excuse my very bad English.

We Hungarian fans are in the middle of Europe and in a peculiar position, also as listers. We have only one broadcasting transmitter in Hungary, which would be powerful enough with her 20 kilowatts, but we are encircled with foreign transmitters, and on the boundaries it is very difficult to head Budapest. Wienna, with 20 KW is separated only with 30 kc. from us and so selectivity is our first problem.

We build all our receivers, and they are much more used, than factory build receivers. We have a little periodical, the "Radio Amateur," in which we have constructional articles, and the writers and readers are all fans. A receiver is estimated good only when it is possible to receive Wienna in Budapest, and so we build Neutrodynes and supers. The most popular circuit is the Ultradyne, with 1 shielded grid intermediate stage, 4-6 tubes.

The listeners pay monthly 2.4 Pengo, that is 40 cents license fee, broadcasting is monopoly of the state. Our broadcasting programmes are good; it is interesting that it is not permitted to play our national anthem, God save Hungary, because the Roumanians and 'echs; they subjugated after the war 2/3 of our country and will not that the Hungarians in their state hear their national hymn. They, the Cech and Roumanian governments, protested several times by the radio union international wich summoned us, not to broadcast it. The programme is very the same, as the English programmes, our specialty the tziganorchestras.

We read much foreign literature, Radio News is to have on all bookstands in Budapest. I read, as editor; all the leading American magazines, but I see with regret, that the American fans must diminish rapidly, because their magazines become all magazines for salesman and servicemen. I am very interested what will become with us, and would very appreciate your kindness, if you would write us, are there home building fans in America?

Transmitting amateurs have we only 40-50, and our transmitters are all of small power, 5-10 watts, but there are many, who were with American amateurs. I have also transmitting license, but have no time for it; my editing business takes all my free time, by day I am engineer in the Agricultural Machine works of the State.

I would be very pleased, if you would have the kindness to write a letter, which I shall publish in our magazine.

Very cordially yours,
LADISLAUS HORVATH.

Harry Sparks Here

The new year will find no radical mechanical changes in radio set construction, but fewer manufacturers will remain in the field. These will be the leaders of the industry, and their business will be better in 1930 than in 1929.

So believes Harry Sparks, vice-president of the Sparks-Withington Company, Sparta radio manufacturers, who has just arrived in Los Angeles on a business survey of the Pacific Coast regions.

Sparks, who sings high praise of radio reception conditions, and pays high tribute to the quality of Los Angeles broadcasts, states that in his opinion the recent stock market flurries have not affected and will not affect the radio market. "It is inevitable that many of the lesser radio manufacturers should be crowded out of the field," he said, "but this does not mean that the radio field is limited so far as the better grade sets are concerned. In this country there are 26 million wired homes. We have manufactured 10 million electric sets. Yet more homes are being wired daily, and each wired home represents a potential radio market. The public has accepted radio as a virtual necessity and is buying heavily."