MAGNAVOX "Dynamic" SPEAKERS

Realism

A fast-stepping orchestra
and a Magnavox Dynamic! What more could twitching feet desire?
Tingling melody. Swinging rhythm. Ringing volume. And sensational
realism of reproduction... even the spirit of the original. Remember
Magnavox made the first dynamic...

The Beverly
Gracefully proportioned cabinet finished in light mahogany.
For A-Battery Operation... $50
For AC Operation......... $60

Charlie Wellman's "Hot Time Orchestra"
KHJ--Don Lee Station, Los Angeles

The Magnavox Company
Oakland, California  Chicago, Illinois
New Call Book is Green

The nation-wide station changes at last become a reality. Practically all local stations, favorite stations, DX stations and stations seldom heard of, come in at very strange points on the dials. More than ever before a complete and reliable guide is needed at once by every listener.

The 1928-29 RADIO DOINGS Call Book is off the press. It contains the last station alterations directly from the Federal Radio Commission's office in Washington. Completeness and accuracy in every detail has been the watchword. At the modest cost of 25c you can get this indispensable guide log today wherever magazines are sold.

Glance at the features that it contains:

CONTENTS OF 1928-29 CALL BOOK

DIAL-LOG—A pleasant surprise for every listener.
CHANNEL LISTING—Every station in the United States.
ALPHABETICAL LOGS—Cross-indexed U. S. Broadcasters.
AIR LINE DISTANCE TABLE—Nation-wide broadcasting cities.
CANADIAN STATIONS—Every Dominion station by channel.
MEXICAN BROADCASTERS—Complete, conveniently arranged.
TERRITORIAL STATIONS—Alaska, Hawaii, Porto Rico.
EUROPEAN AND AMERICAN STATIONS, for real DX enthusiasts.
TRANS-PACIFIC STATIONS—Japan, New Zealand, Hawaii, Australia.
LOG OF WESTERN STATIONS—Entire list.
FREQUENCY CHANNEL LIST of all U. S. Stations of 500 watts and up.
SHORT-WAVE STATIONS, AMERICAN AND FOREIGN.
EFFICIENT RADIO RECEPTION—Timely article by K. G. Ormiston.

The use of this CALL BOOK will amaze you at the added enjoyment of tuning in. Go to your nearest radio or news dealer and get your copy before he is sold out. Or you can use this coupon. But do it NOW, for it is the only complete Call Book for Western listeners exclusively and you will enjoy its use.

Use this Coupon

Tear Here

Use this Coupon

THE NEW RADIO DOINGS CALL BOOK
Radio Doings, 407 East Pico Street, Los Angeles, Calif.

Please find enclosed 25c in stamps, money order, or cash. Send me the 1928-9 Call Book which contains the new listings and the DIAL-LOG. Have it reach me at once.

Name
Address
State

25c

"SERVICE"

Is a Medium Sized Word That Covers a Lot of Territory

When you need something badly it’s nice to know just where you can lay your hands on it. We supply such a service for all the West, it means as much to us as to you.

When You Want a Quality Kit, Such as
SILVER-MARSHALL 710-720-740 or 730
REMLER 29 SG SUPER
BROWNING-DRAKE SG FIVE
SCOTT SHIELD GRID NINE
AERO SHORTWAVE OR BROADCAST
You Can Get It!

When You Want Parts for
Power Packs, Power Amplifiers, Public Address Systems, Transmitters, Television Receivers and Such Things—
You Can Get Them!

A stock like this that is available on short notice is worth something. Keep your orders West. Efficient shipping service puts merchandise on the road to you the same day that order is received—write, phone or wire your needs.

RADIO SUPPLY CO.
H. A. DEMAREST, President
912-914 S. Broadway VA. 6063
Los Angeles, Calif.
WHOLESALE
Largest Radio Parts Jobber West of Chicago
KITS or PARTS
RECEIVING AND TRANSMITTING
Always a Complete Stock
Watch This List of Parts for Changes

Alco Loops
Acme Apparatus
Acme Wire
Advance Crystals
Aero-Products
Aerovox Wireless Products
All-American Products
American Beauty Irons
Amertran Products
Amperites
Amsco Condensers
Baldwin Units
Baldor Motors
B B L Cone Units
Benwood Linze Rectifiers
Birnbach Products
Bodine Loops & Coils
Bouldin Cage Antennas
Brandes Phones
Branston Honeycomb Coils
Bremer-Tully Products
Bretwood Leaks
Browning-Drake Kits
Camfield Coils
Carborundum Products
Cardwell Condensers
Carter Products
CeCo Tubes
Celeron Panels
C R L Resistance
Chicago Kester Solder
Clarostats
Corning Pyrex Insulators
Crescent Transformers
Daven Radio Parts
Dejur Rheostats
Deluxe Products
Dictograph Units
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Dudlo Mfg. Co. Wire
Dunham Loops
Dunton Solder
Eby Binding Posts
Ekko Ground Clamps
Electrad Products
Elkon Chargers
Essenbee Ball Aerial
Flewelling Adaptors
Formica Insulation Co.
Franco Batteries
Frost Products
Goodrich Rubber Panels
Gossico Wire
HFL Transformers
Hammarlund Products
Hedgehog Transformers
H-K Sodderdipit Lugs
Hoosick Parts
Jefferson Products
Jones Cables
Karas Products
Kelbrackets
Kellogg Parts
Knapp Power Units
Kodel Products
Kurz-Kasch Dials
Kuprox Chargers
Lynch Leaks
Magnaformer Units
Magnavox Dynamics
Marco Products
Master Voltage Controls
Morris Ball Antenna Kits
Mueller Universal Clips
Naald Parts
National Soldering Irons
National Co. Parts
Paratone Cone Units
Parvolt Condensers
Phonovox Pickups

Polymet Condensers
Preston DX Ground
Racon Horns
Radiall Co. Amperites
Radio Owls
Ray-O-Vac Batteries
Raytheon Tubes
Readrite Meters
REL Apparatus
Remler Products
Samson Transformers
Sangamo Condensers
Scranton Hydrometers
Selectone Transformers
Sensory Insulators
Skindervicken Buttons
Silver Marshall Products
Sovereign AC Tubes
Spaulding Bakelite
Stellite Eliminators
Sterling Testers
Super Ball Antennas
Sunset Aerials and Grounds
Thordarson Transformers
Tobe Condensers
Tom Mack Products
Tower Speakers
Transcontinental Coils
Tyrman Parts
Universal Battery Clips
Universal Microphones
Utah Units
Vesta Power Units
Victoreen Parts
Ward Leonard Products
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Weston Meters
X. L. Variodensers
Yaxley Products

DEALERS:  Park Next Door At Our Expense

RADIO SUPPLY CO.
H. A. DEMAREST, President
912-914 S. Broadway  VA. 6063
WHOLESALE
Los Angeles
Largest Radio Parts Jobber West of Chicago

RAW TEXT END
POWER

In the New

DAY-FAN

Makes Distant Stations
Pound Thru Like Locals!

All-Electric
— of Course.

Nine Tubes
Including
Rectifier.

It is the Extra
Tube That
Gives the
Superior
Results.

More Distance
With Volume
Greater
Selectivity
Better Tone

Designed with
Tomorrow
in Mind.

Combining All
the Qualities of
Beauty and
Performance.

Hear and See
the Day-Fan
in Justice to
Radio and
Yourself.

Consolette
Model, $215
Less Tubes
Also
Console
$297.50
Less Tubes
and
Table Model
$157.50
Less Tubes

DEALERS: The Day-Fan is distributed through exclusive dealer
Franchises. There are a few choice districts still open.

Exclusive Southern California Distributors

C. C. LAWTON CO.

1125 Wall St. WEstmore 3960

Los Angeles
**Radio Topics of the Day**

*A Weekly Review of Radio News, Thought and Opinion*

---

**CANADA SITS PRETTY ON NEW WAVES**

A particular effort is being made by radio officials to favor Canada in the reallocation. "We are happy to advise," a telegram from the Federal Radio Commission to C. P. Edwards, Canadian director of Radio, reads, "that under the new allocation, effective November 11, no station in the United States, on a channel shared with Canada exceeds 500 watts power, and that no station within approximately 250 miles of the border is using more than 250 watts. On United States shared channels, the commission has established a policy of granting to three times the night power for use during daytime until local sun-down. The commission is withholding any similar action on channels shared with Canada until we obtain your recommendation as to how many times night time power the day time power may be increased on the channels shared by the two governments."

---

**KOLSTER NOW OWNS FEDERAL TELEGRAPH**

It has been learned that the Kolster Radio Corporation of Newark now owns approximately 99.7 per cent of the entire capital stock of the Federal Telegraph Company.

Actually, the Mackay System purchased last year the communication properties of Federal Telegraph Company, but did not acquire any of the stock of that company.

Federal Telegraph Company is affiliated with the Mackay System by virtue of a contract under the terms of which Federal Telegraph Company manufactures certain equipment for the Mackay System, in accordance with announcements which have been previously made, but there is no financial interlinkage between the two organizations.

---

**CHICAGO CASE TO BE RADIO LAW ACID TEST**

The suit of the Federal Radio Commission against station WOK-WMBB in Chicago, which, according to Louis G. Caldwell, general counsel of the commission, is expected to develop into the outstanding test case of the validity of the Radio act, is now rapidly approaching the stage of preliminary skirmishes between government counsel and attorneys representing the broadcasting station.

It was this station that advertised in Chicago newspapers that in spite of the fact that it had no license, it would go on the air on October 22.

---

**CAPITAL WOULD SILENCE STREET LOUD SPEAKERS**

The raucous volume of radio loud speakers along the sidewalks of the national capital is going to be shut down, if Mayor Edwin B. Hesse, its chief of police, can accomplish his purpose to do so.

Study is being made by police officials to determine whether the loud speakers placed outside radio and other stores in all sections of the city can be shut down through application of the existing police regulations against unnecessary noises.

---

**BROADCASTER MUST TRY OUT ALLOCATIONS**

All broadcasting stations going on the air under the assignments made by the Federal Radio Commission in the reallocation effective November 11, will thereby accept licenses for the period beginning on that date and ending February 1, 1929. This three-month period is intended to require each broadcaster to take ample time to try out the new allocation before making a protest to the commission.
Falck
Model 7B
$199.50
Complete

The Price of the Falck Model 7B, illustrated here, includes Tubes, and a Genuine Magnavox Dynamic Speaker, Model 30.

Why is the Falck so Popular?
The answer is very obvious after you examine and compare this radio. In the first place, no other high-grade set, with as many genuine refinements, can be purchased at so low a cost. In addition, because Falck radios are made right in Los Angeles, every Falck purchaser in this territory is guaranteed direct factory service. What more can the hardest-to-please buyer want in radio value?

Falck
ALL-ELECTRIC* RADIO

*Since August, 1926

LOS ANGELES
Angels Radio Service
3325 W. 54th St. VE. 5656.
Birdsall Radio Shop
8835 S. Vermont. YO. 8642.
Brandy Glass & Radio Co.
2214 Allesandro St. OL. 3616.
Walter F. Brownes Radio Studio
4593-10 Hollywood Blvd. OL. 4783.
A. W. Cooper
1315 1/2 W. 39th St. VE. 0767.
Deux Music Co.
105 N. Spring TU. 1264.
George W. Dewey
5125 S. Western Ave. VE. 7744.
Golden Gate Radio Co.
(West Coast Theatre Arcade)
5180 Whittier Blvd. AN. 7083.
Holmlund Bros. Furn. Co.
6707 S. Broadway. TH. 4486.
L. & Y. Electric Co.
8864 W. Pico. OK. 1509.

Any of the dealers listed below will be glad to demonstrate the new Falck Radio to you in your own home, without obligating you in the slightest degree.

Paramount Radio & Electric Co.
5515 Santa Monica Blvd. HE. 8473.
Peoples Outfitting Co.
3900 96 S. Vermont. VE. 3143.
Red Wing Electric Shop
5101 Santa Monica Blvd. OL. 1410.
Geo. R. Schofield, Inc.
3550 Whittier Blvd. AN. 3221.
H. H. Walker Electric Co.
1323 Venice Blvd. BE. 1311.
Wheller's Shop All Electric
112 N. Avenue 56. GA. 2206.
ALHAMBRA—Alhambra Music House
105 E. Main St. Tel. 1134.
LONG BEACH—Volland's Radio Studio
652 American Ave. Tel. 618-335.
PASADENA—The Song Shop
16 S. Raymond Ave. WA. 2919.
REDONDO BEACH—Electric Radio Shop
(Paul Eich) Arcade Blvd.
VERNON—Mequary Music Co.
1320 1/2 E. 38th St.
WALNUT PARK—Letteney's Furn. Store
2600 E. Florence Ave. DE. 3245.
WATERS—Clark & Ishee
9625-9627 Holmes Ave. DE. 1234-R.

Falck Models
Model 6B—$129.50—Six tubes, one-dial control. Improved built-in cone speaker. Completely enclosed in the same unusual walnut-wood cabinets used in the more expensive Falck Radios.
Model 7—$160.00—Seven tubes, one-dial control. Semi-dynamic speaker. Beautiful walnut cabinet. Equipped with special switch for controlling low power for local reception and high power for distant reception.
Model 7B—$190.00—The same as Model 7, but equipped with Magnavox Dynamic Speaker.

Manufactured and Guaranteed by
ADVANCE ELECTRIC COMPANY
1260 W. Second St. Los Angeles, Calif.
Pioneer Manufacturers of Radio Equipment
The Heavy Rush
Do not affect

A good radio speaker requires a delicate precision of manufacture. Careful hand work and minute inspections are absolutely necessary to insure complete fidelity in its reproduction range. This manufacturing precision is an integral part of every Jensen Speaker... and now—amid an aval-

The Jensen Dynamic Speaker

Records with the same beautiful fidelity to the average radio set using a 172 tube as to the full undistorted output of 110 push-pull amplifiers. Finished in handsome burled walnut. Height 14 in., width 14 in., depth 12 in.

Type D 44 (8-volt operation) ........ $35.00
Type D 44 (90-volt operation) ....... $55.00
Type D 44 A, C (110-volt operation) .... $60.00

Exclusively Southern

YALE RADIO

212 Ninth Street

JENSEN RADIO

Oakland, Calif.

California Distributor

ELECTRIC CO.

1111 Wall St.

MFG. CO.

LOS ANGELES

Rush Orders of Christmas...

Jensen Production

anche of Christmas season orders—every Jensen Speaker goes forth from the plant as perfect and as carefully made as any that has preceded it. Every Jensen Speaker is built to individually substantiate the Jensen Claim—"The Finest In Radio"... and they do.

Distributed In The West By

M. F. G. Co.

Oakland, Calif.

F. W. Gove Co.

1101 Front St., San Diego

Magno Electric Co.

10 Ninth St., Portland, Ore.

Robert Weinstock, Inc.

1123 Alvarado St., Los Angeles

Wagner-Meggs, Inc.

Fourth at Blanchard St.

Seattle, Washington

Hartford, Conn.

214 Howard St.

Spokane, Wash.

The Motor Hardware

Equipment Co.

San Diego, Calif.

Pas. Wholesale Radio, Inc.

Pueblo at 11th St.

San Francisco

Licensed under Menasco Patent
This new Sparton Equasonne is the greatest radio the world has ever known at any price. And don't you say a radio until you've heard it.

Walt McFagan

Pacific Wholesale Inc.

...why? Because the new Sparton Equasonne All-Electric Radio will increase by 300% the number of stations you can hear, at room volume, with satisfaction.

### Average Selectivity

<table>
<thead>
<tr>
<th>Watts</th>
<th>1000 Watts</th>
<th>KFWB Los Angeles</th>
<th>SPARTON ELECTRICITY</th>
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<td>830</td>
<td>840</td>
<td>1000 Watts</td>
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<tr>
<td></td>
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<td></td>
<td>870</td>
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#### KNX Los Angeles

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<th>500 Watts KVA San Francisco</th>
<th>2500 Watts KJR Seattle</th>
<th>50 Watts KWG Stockton</th>
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<td>890</td>
<td>900</td>
<td>910</td>
<td>920</td>
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</table>

#### KOA Denver

<table>
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<tr>
<th>Watts</th>
<th>5000 Watts</th>
<th>5000 Watts</th>
<th>SPARTON ELECTRICITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>900</td>
<td>910</td>
<td></td>
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**Sparton Equasonne Method of Tuning**

Usual method of tuning to a peak with consequent spreading of signals which overlap and blanket weaker signals, thus reducing by 60% the number of stations you can hear with satisfaction.

- **SPARTON EQUASONNE**
  - **THE PIONEER ALL-ELECTRIC RADIO**
  - 5 models, beautifully encased, $210 to $925 complete
ROYALE—MODEL 82
Price, complete with tubes, $169.50.
In beautiful United cabinet with sliding doors.

The Authorized Dealers listed below will be pleased to give you a demonstration in your home:

**LOS ANGELES**
AMERICAN MUSIC CO.
359 N. Main
BERSHON TIRE CO.
1423 S. Main.
BOB BROWN
4351 S. Figueroa
FIRESIDE RADIO
5531 York Blvd.
HOLLOWAY HARDWARE
1007 W. Manchester
NAHRA FURNITURE CO.
507 N. Main
ROD E. NERN
209 Spring Arcade
VICKS FURNITURE STORE
8529 S. Vermont
WALKER RADIO
5851 S. Vermont

**BALDWIN PARK**
H. R. BROOKS GARAGE & SERVICE
437 E. Covina

**BELLFLOWER**
BELLFLOWER ELEC. CO.
607 Somerset

**BURBANK**
G. F. FOWLER
221 N. Magnolia Ave.

**COMPTON**
L. G. ST. LAWRENCE
705 N. Pearl St.

**COVINA**
COVINA MUSIC CO.
238 N. Citrus
H. R. HOUSE
117 W. College St.

**EL SEGUNDO**
BEAVER & MATSON
119 W. Grand Ave.

**GLENDALE**
W. J. BEGGS RADIO
201 Brand Blvd.

**HERMOSA BEACH**
MUELLER'S DEPT. STORE
135 Camino Real

**HUNTINGTON BEACH**
BALES ELECTRIC SHOP
412 Walnut

**HUNTINGTON PARK**
POTTER RADIO
6513 S. Pacific

**LONG BEACH**
O. S. PETERSON
642 American Ave.
COBLER RADIO CO.
216 Pine Ave.

**LYNWOOD**
WYLDE ELECTRIC CO.
11426 Long Beach Blvd.

**OCEAN PARK**
J. P. CONERUS
161 Fier Ave.

**ONTARIO**
M. P. PEARSON
318 Miramonte Ave.

**ORANGE**
K. M. CLAYPOOL
114 N. Glassell

**PASADENA**
MYERS DEPT. STORE
23-37 N. Raymond
CALIF. TIRE CO.
85 W. Colorado
SERVICE RADIO SHOP
1164 E. Colorado

**PUENTE**
L. T. HAMMERSLEY

**POMONA**
W. L. WILLIAMS
497 Second St.
NO BATTERY RADIO SHOP
223 N. Carey

**REDONDO BEACH**
A. H. COSTLEY
202 S. Pacific

**SAN DIEGO**
SUNSET ELECTRIC CO.
Front and G St.

**SAN BERNARDINO**
LONG & ALLAN MUSIC SHOP
326 D St.

**SANTA ANA**
PRESTON RADIO SHOP
211 E. Fourth

**SANTA PAULA**
KIT CARSON BATTERY & IGNITION
Main and Ojai

**TAYLOR**
TAFT ELECTRIC
325 Center St.

**SOUTH PASADENA**
JONES & CROSS
1620 Mission St.

**WHITTIER**
WHITTING HARDWARE
114 S. Greenleaf

Exclusive Royale Distributors

C. W. Smith Co.

407 E. Pico St.  Suite 506  Tel. WE. 9466  Los Angeles
Elsa Zelinda Foley, coloratura soprano, has been a staff artist at KNX for over three years and is to be heard regularly over that station. Miss Foley's picture appears on the cover this week.

The Sunny Three, Hawaiian Trio, are to be heard over KPLA every Monday, Wednesday, and Friday evening from 8:15 to 8:45.

Dick Moder and his orchestra are proving very popular on the Dinner Hour program from 6 to 7 every evening over KGFJ.

KTAB has added a Setting-Up Exercise program which goes on the air every morning except Sunday, at 7.

A novelty program of unusual merit in both continuity and musical arrangement will be the feature Sunday evening at 7:30 from KJR, presenting Murray and Harris and the Show Boat Band.

Robert Hurd, popular KFI tenor, will be heard Tuesday evening at 9 in a specially arranged program, assisted by the Packard Concert Orchestra under the direction of Pryor Moore.

KGEN will go on the air November 11 with new call letters, which the manager is confident will be a much better arrangement of letters. The new call letters are KXO, El Centro.

A feature of the New Idea Man's program every morning from 8 to 9 at KMTR is a Funny Story Contest, which closes November 15.

Ray Silverman, popular blues singer, assisted by Esther Kahm, has a feature request program over KGFJ every noon except Sunday.

Gladys Blackwell Pickering, talented staff artist of KHJ, will be heard Sunday evening at 10, assisted by the Viennese Quintet and Wesley Tourtellotte at the mighty Este organ.

Charles Lierly, tenor, and Beth Whitney, soprano, will be heard in a song recital over KSL, Salt Lake, next Friday, November 16, at 8:30 p.m.

KMIC Breakfast Frolic, under the direction of Little Eddie Barnes, the Happy Voice of Inglewood, is a daily feature at 8:30.

KFWB Shopping Directory Introduces a different program and many worthwhile announcements every day except Saturday, at 11:30 a.m.

Saturday, November 17, the Majestic Trio, and Alberta and Virginia Farmer, will be heard in a program of music from KFQZ, at 10 p.m.

KEJK's new schedule, beginning November 12, provides for a two-hour program nightly, except Sunday, from 9 to 11, during which period a very excellent ten-piece orchestra will be featured. This aggregation is either a dance orchestra or small symphony, as desired, and together with a vocal ensemble will comprise the backbone of the station's afternoon and evening programs. The reallocation scheme places KEJK in the 1250 kc. channel with KFON, with which station it will share time.

The Blu-Green Gas Boys present a memory contest from KNRC featuring old time numbers, every Thursday night between 9 and 10 o'clock, the prize being a full tank of Blu-Green gasoline and a supply of Monogram motor oil.

Have you ordered your 1928-29 Radio Doings Call Book? See Page 5.
QUESTIONS AND ANSWERS

A Weekly Department Conducted by K. G. Ormiston, I.R.E.

QUESTION—I am interested in putting up a good aerial and a good ground connection. I have a Majestic radio, but I do not get the distance I believe I should get. KFI and KMTR drawn out everything between them and on each side for quite a space. KFON and other stations near it are much easier to tune. I am a new fan and have not learned much about radio so far. Have been wondering if I can improve reception by proper aerial and ground arrangements.

J. C. Elmore, Garden Grove, Cal.

ANSWER—Antennas and grounds are very important in attaining efficient operation. They affect not only the range of the set, but also the selectivity. The antenna and ground combination which has been recommended for use with the Majestic is the Preston ground and Boudin cage aerial. This affords maximum selectivity while maintaining the pick-up necessary to bring in the distant stations. The Majestic is capable of fine DX work, as is evidenced by the great number of letters which weekly come in to the DX Club from owners.

QUESTION—During the KFI broadcast of the Hoover speech from St. Louis, November 2, I heard through the radio a conversation over the telephone in which I could hear the telephone operator and both parties concerned in the phone hook-up. I would appreciate very much an explanation on the cause of this condition.

E. M. Pruitt, Pasadena, Calif.

ANSWER—This broadcast was picked up in St. Louis and carried to New York by telephone lines to the central distributing point of the National Broadcasting Company. Here it was put on telephone lines to the West Coast and then distributed to the stations of the Pacific Network. These telephone lines naturally are bundled together in cables, with countless other lines which are carrying regular phone conversations, and by the process of induction some of the conversations occasionally get into the radio lines and cause what is called “cross-talk.” Every effort is made by the telephone engineers to eliminate this sort of thing, but in some of the hurried arrangements necessary for the political broadcasts the lines have not been entirely cleaned up, with the resulting cross-talk which you observed. The telephone lines that are used for radio hook-ups must be exceptionally quiet—an ordinary circuit used for telephone conversations being entirely unsuitable. In the first place, the circuits which are used to carry radio broadcasts must have such characteristics as will permit the transmission of all of the frequencies of the musical scale, while in the ordinary telephone work only a narrow band of frequencies (those of the speaking voice) are needed. Secondly, the output from the telephone circuit, when it finally reaches the broadcast station, is amplified tremendously (millions of times) and the small noises, cross-talk and other imperfections of ordinary telephony would therefore become very prominent over the radio.

It is necessary for telephone engineers to work over these lines to be used for radio hook-ups to reduce all extraneous noises to a minimum, as well as equalize the electrical properties, so that the wide range of frequencies to be carried will be handled uniformly and without distortion. Innumerable amplifiers are inserted along the transcontinental line also, to boost up the speech and music so that a suitable volume will be delivered to the distant radio station which is to broadcast the material.

QUESTION—I have an RF-5 Supreme battery set. It was made in Los Angeles, and is, incidentally, the best five-tube set I have ever owned. Here is what I wish to know: I want to change the audio transformers to something better. Can I use the S-M 255 and 256 to advantage in the change? And will it be worth the cost? My set has unlimited power and I have a log of a

BT Counterphase 8—World's Greatest Radio—Sold with a Distance Guarantee. H. A. Everest, 7406 Melrose Avenue. ORegon 7402.
Two of Mr. Taufenbach's most cherished possessions are his small daughter, Carolyn Jane, and the new Stewart-Warner Dynamic Console. This model is the ultimate in radio—a combination of the cabinetmaker's art, an efficient, powerful radio receiver coupled with the very latest type of speaker, which is the Power Dynamic. The Stewart-Warner sets have met with spontaneous approval by both the dealers and radio public. Stewart-Warner receivers are distributed in Southern California by Western Radio, Inc., 1224 Wall Street, Los Angeles.
STEWART-WARNER
Matched-Unit Radio
Dynamic Console!

Model 801
Series B
7 Tubes

Push-Pull Stage
Total Shielding
Phonograph
Pick-up
Receptacle

Built-in Dynamic
Power Speaker

Complete
$221.25
With Tubes

Other Stewart-Warner Models With Built-on Magnetic Speaker

$115.00

Compact 80 Bronze Moire Finish, 7 Tubes Push-Pull Stage

$98.50
Without Tubes

Stewart-Warner Distributors

Western Radio INCORPORATED

1224 Wall St.  WESTmore
**STEWARD-WARNER**

**Matched-Unit Radio**

**On Demonstration**

**by These Blue Ribbon Dealers**

---

**Los Angeles**

**AMERICAN RADIO CO.**
107 E. 8th St.

**ATWATER RADIO**
3208 Glendale Blvd.

**HOLLYWOOD, Barrows Co.**
5345 Sunset Blvd.

**SEACON ELECTRIC CO.**
913 W. Pico

**BOB BROWN’S RADIO**
4351 S. Figueroa

**WALTER F. BROWNE**
4351 Hollywood Blvd.

**CALIFORNIA MUSIC CO.**
2107 Brooklyn Ave.

**A. W. COOPER**
1315 W. 39th

**CRENSHAW RADIO SHOP**
2545 Crenshaw

**DONNEL’S MUSIC CO.**
3281 Wilshire Blvd.

**ELECTRIC SERVICE CO.**
42016 S. Vermont Ave.

**FIRESIDE RADIO**
5531 York Blvd.

**GAYLORD RADIO ELECTRIC SHOP**
6918 South Vermont Ave.

**HARMON RADIO CO.**
4376 S. Vermont Ave.

**HENDERSON RADIO**
1521 Whittier Blvd.

**HUGHES RADIO AND ELECTRIC CO.**
1086 S. LaBrea

**LA BREA RADIO CO.**
5222 Wilshire Blvd.

**R. C. LARKIN RADIO CO.**
125 Beverly Blvd.

**MANCHESTER RADIO ELECTRIC SHOP**
1522 E. Manchester

**Melrose Radio Shop**
5862 Melrose Ave.

**MOLE BROS.**
7012 S. Vermont

**MEDLEY ELECTRIC SERVICE**
776 S. Santa Monica Blvd.

**NORMANDIE RADIO SHOP**
5222 Wilshire Blvd.

**RADIO CABINET DISTRIBUTION CO.**
537 S. Broadway

**RADIO ELECTRIC CO.**
1740 E. Florence

**RADIO ELECTRIC SUPPLY CO.**
2277 W. Jefferson Blvd.

**TRALL AND PRATT**
4401 W. Vernon

**TEXOLA RADIO PARLOR**
628 N. Western

**TRANSCONTINENTAL RADIO**
2415 W. Washington

**WILSON’S ELECTRIC SHOP**
207 W. First

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**Southern California**

**ALHAMBRA, Harper Radio Service**
925 W. Valley Blvd.

**ALHAMBRA, Le Roy Radio Service**
1917 W. Harrison

**ALTADENA, H. Irving Schlechter**
2207 Jefferson Drive

**ARCADIA, Electrical Supply Co.**
116 N. First Ave.

**ARTESIA, Wm. B. Hayes**
335 W. Main St.

**BELLEW, Delflower Electric Shop**
2205 Wilshire Blvd.

**BIBB RADIO, Studio**
117 N. Magnolia Ave.

**COLUMBIA CITY, Boulevard House & Elect. Co.**
6755 West Washington Blvd.

**EL MONTE, The Radio Shop**
408 W. Main St.

**EL SEGUNDO, Jack Brewer**
113 E. Commonwealth

**GLENDALE, Pacific Radio Store**
Broadway and Pacific

**GLENDALE, Reche Radio Service, Elect. Co.**
2107 W. Colorado Ave.

**GLENDALE, Reid Hodges Co.**
1791 Michigan Ave.

**HERMOSA BEACH, Miller’s Department Store**
133 Casino Rd.

**HAWTHORNE, Hawthorne Radio Shop**
1820 W. 74th St.

**HUNTINGTON PARK, California Radio Service**

**INDIO, C. W. Woodhouse**
59275 Hwy 80

**LA HABRA, La Habra Electric Co.**

**LYNNWOOD, Lynwood Elec. Co.**

**LONG BEACH, Electrome Radio Co.**

**LONG BEACH, Jensen Radio Co.**

**LONG BEACH, Rialto Radio Co.**

**LONG BEACH, American Radio Shop Co.**

**MAYWOOD, Fred’s Radio Electric Shop**
5008 Avalon Ave.

**MONROVIA, Arthur A. Ross**
452 N. Myrtle

**NORTH LONG BEACH—Akera Bros.**
1440 Long Beach Blvd.

**DIJAI, Loring Farrum**

**ORANGE, Roy A. Sanda**

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**PACIFIC PALISADES, Winsto C. Hoch**

**PASADENA, Arthur J. Fortier**
1350 N. Fair Oaks

**PASADENA, Jimmie Gilbert**

**PASADENA, Penelope Radio Supply, 45 N. Broadway**

**PASADENA, Wilson Music Co.**

**SOUTHERN PACIFICA, The Radio Electri. 1160 Long Beach**

**PASO ROBLES, R. C. Heaton Co.**

**PICO, Pico Radio Shop**

**PONOMA, Harriman thrift Electric Co.**

**RIVERSIDE, B-K Radio**

**REDLANDS, Dale E. Siler**

**SANTA ANA, Robert J. Gerwig**

**SANTA BARBARA, Dee Davis**

**SANTA BARBARA, Hendrick’s Music Store**

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*Stewart-Warner Distributors*

[Image] Western Radio INCORPORATED

**Los Angeles**

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3338
The Power Behind KNX!

Naylor Rogers, Manager

Glen Rice, Asst. Manager

Marita Roehl, Studio Secretary

N. D. Garver, Chief Technician
November 10  Radio Doings

KNX

The photograph shows the new transmitting equipment of KNX. The station is located at Sherman Oaks in the San Fernando Valley, and is an example of the last word in transmission engineering.

While the output of the set is 5000 watts, and this is the power which the station is authorized to use, certain of

THE NEW KNX TRANSMITTER

the equipment has been installed with sufficient capacity to facilitate the change to 50,000 watts should later developments make this desirable and permissible.

Real efficiency in radio transmission is obtained when a station is designed and built from the ground up in a favorable location, rather than patched into some existing building in a congested area. It facilitates the planting of an efficient ground system directly under the station, and the locating of the transmitter under the center of the antenna, etc.

The transmitter incorporates the latest developments of the Bell Laboratory engineers, developed at the experimental station, 3XN, Whippany, New Jersey. These improvements include high percentage modulation and positive crystal control of the frequency.

The towers are 250 feet high and sup-

port a vertical cage antenna, suspended from a cable. Living quarters for the technicians are located right at the station. Telephone lines to the studio on the Paramount lot make connection with the distribution center at that point, where either the various remote control points or the local studios may be connected with the transmitter.

The station has already been well received in every state in the Union, and with the new "cleared channel" assignment after November 11th should carry the message of Southern California to all corners of the continent.
The Most Modern High Power Station
In Western America

... for...

KNX

"The Voice of Hollywood"

Next Sunday, November 11th, station KNX will "move" to the national "cleared channel" awarded by the Radio Commission in its reallocation plan. New studios have been finished on the Paramount Motion Picture lot, and the massive 5000-watt transmitter at Sherman Oaks will hurl the message of Southern California to the world on the new wave-length.

Formal dedication of the new transmitter and studios will be held next Sunday night, when listeners will hear a program such as has never before been attempted in radio broadcast. The audience, whose loyal support is in a large degree responsible for the KNX award of one of the 40 coveted "cleared channels," is invited to participate. KNX will be found on 1050 kilocycles, 285.5 meters.

NAYLOR ROGERS, GLEN RICE.
Director-Manager Assistant Manager
Short Wave Club

THANKS, HUGH!

Here is a particularly helpful letter from a S. W. C. member, in that the writer gives details which will aid other fans in picking up the stations mentioned. This is in line with Mr. Dexter's suggestion of last week.

"552 Page St., San Francisco, Cal.,
November 2, 1928.

"Short Wave Club,
"Radio Doings,

"Dear Sirs: I buy nearly every issue of 'Radio Doings,' and I especially like the 'two clubs,' the DX Club and the Short Wave Club. I have noticed that the Short Wave Club hasn't made any reference to CJRX in Winnipeg, Man. CJRX is on 25.6 meters with 2,000 watts and rebroadcast CJRW, in Fleming, Sask. Verifications from them say that they broadcast from 2:30 to 4:30 p.m., Pacific time, every day except Saturday and Sunday, but I receive them nearly every night until at least 7:30. They come in as loud as either of WGY's stations, and only about one point from KDRA.

"I have also received 2XAL (WRNY) on 30.91 meters, one point below W2XAF. The best bet for 2XAL is from 6 to 6:30 Tuesday night. I have also received two phone stations, W6EEQ, in Mount Eden, and one in Marshfield, Ore., as well as 6XAR on 60 meters.

"Yours truly,

"HUGH SHARMAN."

The New KEJK

The new transmitter of KEJK, the Macmillan Petroleum Company's station, located on Wilshire boulevard in Beverly Hills, is now putting out the regular schedules of KEJK. The power is 500 watts, and during the initial tests, conducted after midnight, reports were received from all over the country. The equipment is of Western Electric manufacture and was installed by K. G. Ormiston, technical editor of Radio Doings. The station employs a vertical cage antenna similar to that of KNX at Sherman Oaks. These are the first two stations in the Southwest to take advantage of the high efficiency and non-directional properties of this aerial design.

Sargent B Stabilizer

E. M. Sargent of the Radio Constructors Corporation, who developed the famous Infradyne and more recently the Sargent-Rayment Screen Grid Seven which is bringing joy to a lot of DX fans who now have more selectivity and range than they thought possible, has announced a new device for the prevention of "motor-boating" when a "B" power unit is used. The device is called the Sargent "B" Stabilizer.

Motor-boating is the name for the "put-put-put" noise which often occurs when eliminators are used on sets which have good audio transformers. Just as feed-back in the radio frequency portion of a receiver sets up oscillations, so does feed-back between the audio stages develop oscillations of an audio frequency. The frequency of the oscillations thus set up is usually very low, due to the values of inductance and capacity in the circuits. The feed-back takes place in the B eliminator where the audio stages are coupled together through the circuits which are common to both.

The Sargent Stabilizer is an electrical filter which serves to isolate the circuits of the radio set from those of the eliminator. While it permits the uninterrupted flow of the direct current which the eliminator supplies to the plate circuits of the amplifier tubes, it blocks the passage of the audio frequency energy and confines it to circuits suitably by-passed by condensers. The filter circuit is made up of choke coils, resistors and condensers. The 135-volt plate lead is equipped with a resistance-capacity filter, and the 45-volt lead an impedance-capacity filter.

The Sargent Stabilizer will improve the operation of any receiver that operates from an eliminator, and is necessary on sets equipped with the new high-grade audio transformers such as the S-M 255 and 256.

Have you ordered your 1928-29 Radio Doings Call Book?
See Page 5.
SELLING LIKE HOT CAKES!

And No Wonder!

Because there is no finer tone quality than that rendered by this inexpensive, handsome six-tube screen-grid receiver. It's an all 'round wonderful performer.

Distance with Selectivity

Quality with Volume

SILVER-MARSHALL '720' SCREEN GRID SIX

The complete kit sells at a price that will be a shock to you... it is so low for such a high quality set.

Wire—Phone—Call—Write
Through the courtesy of the Sunset Mfg. Co. of Los Angeles, a Sunset Aerial will be given each week as first prize, and a Sunset Ground as second prize, for the two best DX letters. In addition, Radio Doings will send a special "Logging Graph" with Map and Distance Chart to the writer of each DX letter published.

FIRST PRIZE

DX Club:
I have a Sparton Radio which is performing with surprising results.
I, like all radio fans, am strong on DX stations. If the air is clear of static, I stay up to the early morning hours to log new stations and get distance. During the past week, from October 15 to 3:45 a.m., October 21, I have logged the following stations:

KFSD, KFOA, KPON, KFWB, WFLA, KOID, KYAO, KSO, KOMO, WBZ, WIL, KFKA, KFI, KFJL, WELW, KEX, WLW, WSAJ, WSM, KDKA, KFRC, KGER, KMIC, KLS, KGB, KFRC, WNAX, KGA, KJR, WOAI, KPLA, WSBC, WTAS, WVL, KXN, KOA, KNRC, KMOX, KGW, KSJ, KGO, WLS, KGW, KCH, KTA, WKLH, KTHS, WCCO, KGEF, KFWM, WENR, WBBM, WJJD, WBA, WJBT, KPO, KDYL, WDAF, WABZ, KXA, WCJS, WHT, WGN, KFZ, KFEL, KFXF, WCAI, WIBX, WMBI, WPG, WOS.
Mexico: CYJ, CYH, CYG.
Canada: CNRV, CKWY, CKAO, CKFC.
Cuba: PWX.
Australia: 3AR, Melbourne.
Japan: JOAK, Tokyo; JOGK, Kuma- moto; JOBK, Osaka.
The three stations in Japan can be picked up most any morning about 1 a.m. Can't say very much for their programs. Sunday morning, October 21, JOAK was broadcasting a play; JOGK had children sing; JOBK, a lecture.
According to my set, JOAK broadcast on a wave length of 390.1 meters, instead of 346 meters as listed.
When I log more stations, will send them in; some local stations I have not logged.

O. Z. WHITT,
237 Spruce St., San Diego, Cal.

SECOND PRIZE

DX Club:
Dear companion Radio Nuts, Bugs, and Cuckoos:
Station WAR, Mars, came in very strong about fourteen years ago, and although we have not been able to get him again, we seem to have done very well with what we have here on this old world. And who knows but what in a few more years we may be able to hear other planets!

I may not be able to do it with my present Majestic 71, but there will probably be a Majestic then that can do it. I've just had it a short time and here are all the stations I have had this past week: Thirty-five California stations, one Arizona, three Oregon, four Washington; CNRC, Vancouver, B. C.; KSL, KFBU, KMMJ, WCCO, WENR, 9XF, KFKB, KDL, KFXF, WGN, WHO, WJJD, WLW, W8XAL, KMOX, WBAW, KTHS, KWAP, WFAA, CYJ, and last, but not the easiest, JOAK, Tokyo, Japan, and JOHK, Sendai, Japan; also a few that I have not been able to verify because of interference or static, and one that spoke Spanish without announcing during the time I heard him, and who, judging from the approximate wave length, might be CYJ, Merida, Mexico. There's sixty-nine anyway and some uncertain ones. Is this enough to qualify me for a season membership?

W. E. R. CRAWDOWN,
144 East Elm Ave., Fullerton, Cal.

DX Club:
Three weeks ago I purchased a Sergeant-Rayment Screen-Grid 7 receiver, and for those fans desiring information (Continued on Page 34)
When You Go Duck Hunting—
You Take a Good Gun

De Luxe Model Sargent-Rayment Screen Grid Seven

Those New Wide Length Allocations

The new wide length allocations have now been announced and published in their final form, and to a few days will be effective. Just what, does this mean, from the point of view of the average radio fan on the Pacific Coast? Without going too technical, we can say at once that it will probably result in remedial heterodynes from all stations on west-coast air-packets, as their capacities get equalized in different parts of the dial after November 11. This, in turn, will be effective in making DX hunting easier than it has been in many cases in several middle western and eastern stations. Close channelers are provided for receiving all the way across the continent. No longer will we have to suffer the frustration of a single-dial receiver. It has other adjustments which are necessary for high sensitivity. It has been designed especially for long distance receiving and nothing has been left off of which would in any way aid in accomplishing better results.

After you have learned to operate the set. You are still subject to receiving conditions and other things beyond your control. That is where the sport comes in. It's in knowing how to get the most out of your receiver, and in being on the job when conditions are right, the dial filled with carrier waves, and half of them shining off with a "DX".

You can buy ducks at the meat market, but you would rather have the fun of wading out after them yourself. So can you walk all back and be content with labor-saving—until you accidentally run onto a "DX" carrier. After that, the hunt is on. Varniers on Every Stage

It is a well-known fact that five condensers, equally spaced on the same shaft, will not instantaneously in unison. Even if the slightest irregularity in Plate spacing, an almost imperceptible bump on the shaft of one rotor plate, might be enough to throw off the timing and lose one's interest in the "DX" station. The bass condenser used in the Sargent-Rayment Screen Grid is a single stage. For this reason, we have chosen the D.C. tube for two very good reasons: first, their reputation for quiet operation and freedom from trouble, and second, because the D.C. tube has been of late used as a part of integrative development by the world's best equipped research laboratories. We consider it an important fact that when marketing their latest and most sensitive radio frequency tube, both RCA and Chynian used a D.C. filament. We refer to the screen grid tube. "All-electric" operation is accomplished by rectifying the plate current, then filtering it, after which it is suitable for radio use. These processes render the D.C. tube all the better for the task and a great part of the familiar noise, and make for really practicable A.C. operation. The "K"-type "All-electric" tube is recommended as "A" sturdy for the Sargent-Rayment Seven.

Prices

Standard Model, Grained Aluminum Finish K.K...... 195.00
De Luxe Model, Brown, Crinkle-Craft Finish K.K....... 285.00
Built-up, 315.00

Write for Booklet

Distributors to the Trade West of the Rockies

RADIO CONSTRUCTORS CORPORATION
357 TWELFTH STREET
OAKLAND, CALIFORNIA
Western Mail

Dealers-Set Builders-Buy here

Sargent-Rayment Screen Grid Seven

Complete Kits and Built-up Sets—Mail Order Business Given Special Attention.

Prompt and Courteous Service All the Time

C. C. Lawton Co.
1125 Wall St. Los Angeles

Herbert H. Horn
1629 S. Hill St. Los Angeles

Set Builders! Dealers! DX Fans!

After November 11th . . . with a Sargent-Rayment Seven . . . and a Radio Doings Call Book . . . the Wide World Is Yours!!!

Prompt and Intelligent Service
Get Our Prices—Try Our Service
Wire—Telephone—Write—Call

Order Jobbers

on the Coast at Eastern Prices

Set Builders and Dealers—
Immediate Delivery on Sargent-Rayment Seven

Send now for your Sargent-Rayment Seven kit, or completely wired receiver. Telegraph orders promptly filled. Mail order service to all parts of the world. All tubes and accessories can be purchased from us at lowest prices.

"The House of a Million Radio Parts"

Set Builders,—Dealers,—

Send for our new Parts Catalog—just off the press. Complete, speedy, reliable mail order service now available right here on the West Coast, at Eastern Prices.

ELECTRIC SUPPLY COMPANY
Two Stores
370 11th St., Oakland, Calif. 250 Chronicle Bldg., San Francisco

Special Custom-Built B and C Powerizer for Sargent-Rayment Seven Or Any Other Set

Furnishes B and C power and contains power amplifier with 350 tube.

Special prices to Set Builders and Dealers. Mail Orders Business Solicited.

Buy Your Sargent-Rayment Seven Here—Equip It with

KNAPP "A" POWER "B" AND "C" POWERIZER JENSEN SPEAKER
We Can Supply Them All

Pacific Radio Sales Co.
357 Twelfth St. Oakland, Calif.

Pacific Northwest Headquarters for

Sargent-Rayment Seven

Set Builder Orders Solicited
Fastest Mail Order Service West of the Rockies

We carry the most complete and varied Radio Parts Stock West of Chicago and sell at Eastern Mail Order Prices.

Try Us for Anything You Need Write for Catalog

Wedel Company
520 Second Ave. Seattle, Wash.
S-M Short Waver

The reception of England, Holland, Siberia, Japan and Australia by Pacific Coast short-wave fans is becoming almost an everyday occurrence. As a result there is an unbounded enthusiasm in short-wave work and a great demand for kits and parts to make up receivers. The small three and four tube sets which are used are so inexpensive and are capable of opening up such a vast field for exploration and DX hunting, that it is little wonder many new experimenters daily tune in on the short-wave zones.

Among the short-wave sets which enjoy the greatest popularity is the Silver-Marshall "Round-the-World Four." This compact little four-tube set is completely shielded in an aluminum cabinet and employs a screen grid tube ahead of the regenerative detector. This tube gives some amplification while at the same time taking out the "dead spots" which would occur were it not present, and preventing radiation from the antenna when the detector tube is allowed to oscillate.

There are four coils which may be successively plugged into a 5-prong socket on top of the cabinet, providing four tuning ranges. The total range is from 17.4 meters to 204 meters.

There are two dials, one controlling wavelength and the other regeneration. A knob operates a rheostat in the detector filament circuit, and is not used for tuning after once adjusted.

In tuning the set it is well to remember that to find a station, the right dial must be turned above the "plunk" point so that the station squeal may be easily found, and the left dial rotated, with proper coil in place, to find squeal. Once a squeal is found, the right dial should be retarded, bearing in mind that broadcast programs will be loudest when it is just below the point where squeal disappears, whereas code will be the loudest when the right dial is just above the point where the squeal disappears.

Although not confirmed officially, it was said if the Radio Commission keeps on making changes, far from cutting down the number, as was intended, more wave lengths will be used by stations in Chicago, after the reallocation—November 11—than there were before.

St. Louis Fans Storm Radio Commission

Nineteen hundred St. Louis listeners started something new when they chipped in from 5 cents to $5, raised a fund of $3,000, and sent a delegation of forty men and women, elected by popular vote, to the capital to register a personal protest with the Radio Commission against the broadcasting hours of KWK, their favorite radio station being cut, as it will be if it is obliged to divide time with station WIL, another St. Louis station, as ordered, November 11.

The commission is quite accustomed to receiving hundreds of thousands of telegrams and letters—these come in bales. Also witnesses brought to Washington by interested stations. However, this is believed to be the first time "Vox Populi," as Commissioner O. H. Caldwell humorously put it, has ever descended upon the commission in person.

Nor, once here, were they diverted from their purpose by attractive sightseeing trips and a beautiful Fall day, but every single one of them attended a hearing, where they were packed in a small, stuffy room from 10 o'clock in the morning until midnight, with only short intervals for meals, which, incidentally, is believed to be a record for a continuous session of the commission.

NOTE

Due to the chaotic conditions resulting from the sweeping changes to take effect Sunday, November 11th, many broadcast stations either failed to submit programs for publication, or sent us programs in which they failed to allow for the time-sharing required by the ruling of the Commission.

Many of the printed programs in this issue are therefore inaccurate, through no fault of ours, and we beg the indulgence of our readers.

Every effort will be made to obtain for publication the correct schedules and programs of all stations for next issue.
November 10
Radio Doings

Hear London's Big Ben Chime in Your Own Home

Not with any ordinary radio receiver, of course—the Atlantic is too broad. But an S-M "Round the World" short-wave set will do just that—quite regularly. Turn yours on some night—don't be surprised if you hear a foreign language, or if the announcer mentions "Paris" or "Amsterdam" or "London" instead of the cities you are accustomed to hear from. Call your neighbor to listen—but be cautious—your wonders may be tame to him. Perhaps he has an S-M short-wave set too! For in short waves almost anything is possible.

S-M 730 "Round the World," complete 4-tube set, with aluminum cabinet; factory wired, $661 complete kit, $51.
S-M 731 "Round the World" 2-tube adapter with same cabinet (converts any set to short waves), factory wired, $661 or kit $36. S-M 732 Essential Kit, $16.50.

New S-M Audios

You will marvel at the tone quality provided in the new S-M sets by S-M Clough-system transformers. They are unconditionally guaranteed to give better results than any other type, regardless of price. Try a pair. Large models (No. 225, first stage; No. 226, second stage), $8.00 each; small models (No. 255, first stage; No. 256, second stage) $6.00 each.

Write the factory for free 24-page catalog and sample copy of the RADIOBUILDER.

You Get Everything in the S-M 720 Screen Grid Six

Ten to fifteen kilocycle selectivity; distance range you can't get without standard (D.C.) screen grid tubes; the finest tone quality that up-to-the-minute inventions have only now made possible; clean, accurate construction with easy assembly; modern design and lower price, made possible by quantity production. These are the points you'll look for in your 1929 receiver, and you'll find all of them and more in the new S-M 720. It is "way above the market" in value and "way below the market" in price. Why go further? Custom-built complete with S-M 700 Metal Shielding Cabinet, $102; complete kit, less cabinet, $72.50.

MARSHANK SALES COMPANY
Southern California Representative
224 East Sixteenth St. Los Angeles, Calif.
SILVER-MARSHALL, INC., 876 West Jackson Blvd., Chicago, U. S. A.
regarding the distance ability of the set, I have enclosed my log to date:

Fifty-four Pacific Coast stations, and the following: KDKA, WBBM, WJBT, WYW, WBAP, WLW, WGN, WCCO, KWKH, KDFL, KSL, KFAD, KOB, WSB, WGN, KPBB, KMOK, KGBU, KFBJ, KFBU, KOA, CFCN, and KFPL, a 15-watt In Texas.

Also JOAK, JOBK, JOCK, JODK, and 2YA, 5CL.

The secret of good distance lies in the aerial and ground and patience—I wish I had more of the latter.

Yours for a successful DX season.

Respectfully,
A. S. DUNANN.
837 Portal Ave., Oakland, Calif.

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DX Club:
I have become an ardent DX fan in the month we have had a Majestic 71. Have an inside aerial, 43 feet long, partly insulated, connected to the S. A. post. My ground is much too long, 16 feet—in fact, I get about the same results from connecting the ground wire to the antenna post.

Here is my log, arranged in the order of increasing distances. I am not including, of course, 19 stations in Los Angeles county and one at Santa Ana. The 42 distant stations follow: KFSD, KQW, KFAD, KFL, KTAB, KGO, KFWI, KFRC, KYA, KPO, KGW, KSL, KDLY, KOB, KPUP, KMOK, KOA, KLZ, KQIN, KEX, KGW, KFOA, KOMO, KJR, KHG, CNBV, WFAA, WFDN, WBBP, WTHS, KMMJ, KFAB, KFNF, KMA, WHO, WCCO, KMOK, WGN, WLW, W8XAL.

As for Jap stations, so far have failed to get call letters, but have heard four Japanese stations on Oct. 13 and 20, between two and four o'clock in the morning. (1) On my dial at 49, just above KHJ, before KMA come on at 4 a. m. (2) On 45, just above KNRC. (3) On 40, exactly KFWB. (4) And 35.5, just above KNX, almost KWG.

Can anyone tell me what station—not KSL—is operating on 990 k. c., 302.3 meters? I caught the announcement distinctly, 4:30 a. m., Oct. 18, but a blast of static drowned out the call letters.

When can the Mexican stations be heard? I got a program in Spanish at 4:20 a. m., Oct. 18, on approximately 334 meters, but it faded out completely after about four minutes. What are the wave lengths of some of the Mexicans?

Another question: Isn't there any Hawaiian station? If so, what wave length?

Very truly yours,
W. R. BIGGER,
Riverside, Cal.

---

DX Club:
Can't you find a place for a member who is just starting in. I have a five tube T. R. F. set and so far this year I have logged the following: WDAF, KMOX, KFAB, KFBC, KFAD, WBBM, KWKK, KOB, CNBV, CKLH, KSL, KOA, WGN, KDKA, KFBU, CFCN, KNX, KFI, KFBB, KFOA. This log is not bad, and it was all done with the help of your little Red Book. It is a great help in getting DX, and I will tell my friends about it.

Wishing you luck,
DAN B. WHEEDEIAN,
720 Linden St., Oakland.

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DX Club:
May I make my bow to the DX Club and give the results I have obtained with the new Radiola 60 Superheterodyne. Have logged thirty-seven stations in the state of California, thirty-eight stations in the U. S. outside of California, six Japanese stations, two Canadian stations, and one Australian station.

Am listing the stations outside of the state of California for the benefit of anyone interested: KEX, KFJR, KGW, KJR, KMO, KQIN, KOMO, KVI, KFBU, KDFL, KLS, KFAD, KOA, KFEL, KFXF, KGHP, KLZ, KOW, WBAP, KFJB, KOB, KFAB, KFNF, KDKA, KMA, KMMJ, KMOX, KOL, KSO, KNTT, KWKK, WCCO, W4NR, WGN, WJJD, WLS, WNAZ, WGY.

Japanese stations: JOAK, JOBK, JOCK, JORF, JOKK, JOHK.

(Continued on Page 75)
Majestic will build
1,200,000 all electric
Receivers in 1929

The tremendous and unprecedented demand for Majestic All Electric Radio receivers has made it necessary for the manufacturers of this "much talked about" equipment to greatly increase their factory facilities. Radio enthusiasts who do not, for one reason or another, purchase Majestic this year, can be assured of immediate delivery at any time in the new year that is fast approaching.

If you are a lover of good music...if you like trouble-free radio reception...you'll appreciate the performance of Majestic Electric Radio. Hear it for yourself...then you'll KNOW why radio enthusiasts in Southern California alone have purchased more than 115 carloads of Majestic in less than 5 months.

Any of the Majestic dealers listed on the two following pages will gladly, and without obligation, demonstrate Majestic Radio in your own home.

UNGAR & WATSON, INC.
*Wholesale Distributors for Southern California and Arizona
1363½ S. Figueroa St. LOS ANGELES
Radio Doings
November 10
National Broadcasting Co., Inc.
PACIFIC COAST NETWORK

KFI KOOG KGO
KC W KOMO
KHQ

Charles H. Gabriel, Jr.
Program Director
Jennings Pierce
Chief Announcer

Announcer

DAILY
9:00 a.m. — Time broadcast every Saturday.
10:00 a.m. — The Tropicana's Dance Orchestra appears Monday.

SUNDAY, NOVEMBER 11
9:00 a.m. — Peerless Reproducer program will observe Armistice Day with special music. Broadcast over KQ, KOMO KOOG, KGO KPO, and KFI.
10:00 a.m. — Sunday Afternoon Concert will bring ninety minutes of music by Eva Gruninger Atkinson, basso, and her husband, the National Recording Co., broadcast over KOMO, KGKG, KGO and KFI.
4:30 p.m. — Biblical Drama program will dramatize the story into biblical music of "The Faithful Maid." Broadcast over KQ, Komo, KOG, and KPO.
7:30 p.m. — "An Armistic Cycle" containing a number of songs favorite with Armistic Day. Broadcast over KQ, KOMO, KGKG, KGO and KFI.
9:00 p.m. — Atwater Kent program brings a selection of pleasingly light character. Broadcast over KQ, KOMO, KGKG, KGO, KPO, and KFI.

TUESDAY, NOVEMBER 12
6:45 p.m. — "A Week of the World's Business." Broadcast over KQ, KOMO.
7:00 a.m. — "Stars" will be the theme of Henry M. Hople's talk on the wonders of the sky. Miss Green, contralto, and Harold Davis, baritone, are the soloists and the RCA Orchestra under Max D'Or are the instrumentalists. Broadcast over KQ, KOMO, KGKG, KGO, KPO and KFI.
9:00 p.m. — Rudy Selzer's Shell Symphony will entertain the radio audience for an hour tonight, opening with "A Waltz Dream." Broadcast over KQ, KOMO, KGKG, KGO, KPO, and KFI.
9:00 p.m. — Sons Paletinois presents solos and duets by William Taylor, soprano, and Byron Niles, tenor. Broadcast over KQ, KOMO.

WEDNESDAY, NOVEMBER 13
9:30 a.m. — "Woman's Magazine of the Air." Broadcast over KQ, KOMO. KGKG, KGO, KPO and KFI.
9:00 a.m. — "Neil Gwynne" is the current opera chosen by the Eveready program for presentation. Broadcast over KQ, KOMO. KGKG, KGO, KPO and KFI.
8:30 p.m. — Light and classical music featuring principal melodies of "Espial," will be offered to listeners by Amazone's虱mos. Broadcast over KQ, KOMO, KGKG, KGO, KPO and KFI.

WEDNESDAY, NOVEMBER 14
9:30 a.m. — "Woman's Magazine of the Air." Broadcast over KQ, KOMO, KGKG, KGO, and KFI.
7:00 p.m. — "Fellow Cab Gazettes with William and Suzanne, the Master and Mistress of Ceremonies," will appear on the microphone. Broadcast over KQ and KFI.
4:10 p.m. — "Cheer with Brian" brings the "Four-GLadiators" in a program reminiscent of football glory of some years ago.

Broadcast over KQ, KOMO, KGKG, KGO, KPO and KFI.

THURSDAY, NOVEMBER 15
9:30 a.m. — Standard School Broadcast illustrates the story of the legend as a basis for special stories. Broadcast over KQ, KOMO, KGKG, KGO, KPO and KFI.
5:00 p.m. — "Seiberling Transcontinental program opens with the following series presenting for the first time Vaughn de Leath's "Glimmer Shades," of Russian music. KOMO, KGKG, KGO and KFI.
7:30 p.m. — Standard Symphony Hour is devoted to music of Carl Maria von Weber. Broadcast over KQ, KOMO, KGKG, KGO, and KFI.
6:30 a.m. — Memory Lane presents a radio dramatization built around the incident of "Miss Mallory," who lived in New York to the age of 81. Broadcast over KQ, KOMO, KGKG, KGO, and KFI.
8:00 a.m. — "Irving Kennedy, tenor, will sing special music "Prony's Dream," a new arrangement of "Believe Me If All Thou Enduring Young Charms," during the Maxwell House Coffee Concert broadcast. Broadcast over KQ, KOMO, KGKG, KGO, and KFI.

FRIDAY, NOVEMBER 16
9:30 a.m. — "Sunny Sperry will entertain her radio guests in her kitchen. Broadcast over KQ, KOMO, KGKG, KGO, and KFI.
5:30 p.m. — "Land O'Health program takes listeners to Fruit Center. Broadcast over KQ, KOMO, KGKG, KGO, and KFI.
6:00 a.m. — A gay trio of Spearman will present a "Tilly-Bliss Love Song" as the feature number of the National Review. Broadcast over KQ, KOMO, KGKG, KGO, and KFI.
8:00 a.m. — "Chicago Ruffians!" will be featured by the General Investors as the opening number on their weekly broadcast. Broadcast over KQ, KOMO, KGKG, KGO, and KFI.
5:30 p.m. — "Chopin Nocturnes will be presented by Charles Gabriel. Jr., and Max D'Or in their half hour broadcast. Broadcast over KQ, KOMO, KGKG, KOOG and KFI.
9:30 p.m. — "Moon Maids" will enchant listeners who tune in at this period. Broadcast over KQ, KOMO, KGKG, KGO, and KFI.

SATURDAY, NOVEMBER 17
7:00 a.m. — "Lucky Strike Hour features "The Beautiful Blue Danube," and "Fables from the Vienna Woods." Broadcast over KQ, KOMO, KGKG, KGO, and KFI.
8:00 a.m. — "Saranoff and Company," a dancing group of 

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YALE RADIO ELECTRIC COMPANY

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Los Angeles, Calif.
Los Angeles, Calif.—640 Kc.

10:00 a.m.—L. A. Church Federation services.
11:00 a.m.—Margaret Ruth Kerman; Marcus Markon.
12:00 p.m.—NBC, Peerless Reproducers.
1:00 p.m.—Bethel Temple Young People.
2:00 p.m.—KFI, Musical program.
3:00 p.m.—NBC, Biblical stories.
4:00 p.m.—Talking with Packard; Packard Concert Orchestra, Pryor Moore, director.
5:00 p.m.—NBC, Atwater Kent.
6:00 p.m.—Merna Livingston, soprano; Eleanor Rose.
10:00 p.m.—Wally Perrin’s Packard Orchestra; Jean Dunz, soloist.

MONDAY, NOVEMBER 12
12:30 p.m.—Shirley Reid, piano and song.
1:15 p.m.—Norea Gamilla, original character sketches.
1:30 p.m.—Angel of the Air, Violet Diana Steinman.
2:00 p.m.—William Butcherworth, English comedian.
2:15 p.m.—Bob Green, Ronnie Hart, David Hoffman.
2:45 p.m.—L. A. Fire Dept. Orch.; Dorothy Green.
4:00 p.m.—Variety Hour.
5:00 p.m.—Big Brother Ken.
5:30 p.m.—Senator George W. Carveright.
5:45 p.m.—Edward H. Rust, musician.
6:15 p.m.—KFI, Musical program.
7:00 p.m.—NBC, RCA Hour.
8:00 p.m.—NBC, Shell program.
10:00 p.m.—Night Cap Melodies; Packard Concert Orchestra, Pryor Moore, director.

THESE MUSIC ALBUMS
9:30 a.m.—Sybil’s Happy Hour.
10:30 a.m.—NBC, Woman’s Magazine of the Air.
11:30 a.m.—George O. George Lab.
12:25 p.m.—Leon Archer.
2:00 p.m.—Dr. Eugene Brown’s Health talk.
2:45 p.m.—Young Brooks; Jack Mcguire and Alire Stoddard.
3:00 p.m.—Marie Lohitz, contralto; D. E. Morgan, baritone.
3:30 p.m.—Peggy Warner, ike and song.
3:45 p.m.—Dr. Miller, “Human Nature Around the World.”
4:00 p.m.—Jeanette Warner, acc. by Max Irving.
5:30 p.m.—Prof. Carl R. Knopf.
6:45 p.m.—Dept. of Commerce talk.
7:00 p.m.—Variety Hour.
8:00 p.m.—Nick Harris, detective stories.
7:45 p.m.—Police Commissioner W. G. Thornton.
8:45 p.m.—Bridge Lessons by Mrs. June Snow.
9:00 p.m.—NBC, National Carbon Co.
9:45 p.m.—NBC, American Make Co.
9:50 p.m.—Packard Concert Orchestra, Pryor Moore, director; Robert Hurst, tenor.

WEDNESDAY, NOVEMBER 14
10:00 a.m.—Betty Crocker Gold Medal talk.
12:00 p.m.—Woman’s Magazine of the Air.
1:45 p.m.—Police Bureau of Public Safety.
2:15 p.m.—A. A. Money talk on Current Books.
2:00 p.m.—Lucile Hay, acc. by Gracildra Tompkins.

*Tune Page 38 for detailed program of National Broadcasting Company.
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Night Time Director
E. K. Barnes
Daytime Director
Arthur Key
Musical Director
C. M. C. Raymond
Commercial Director
Ernest G. Underwood
Technical Director

DAILY EXCEPT SUNDAY

7:30 a.m.—Physical Culture Period by Dr. Philip M. Lowel.
8:00 a.m.—KHJ Early Birds (except Fri. and Sat.).
9:00 a.m.—Half hour of late recordings (ex. Saturdays).
9:30 a.m.—“Have You Ever Heard” (ex. Saturdays).
10:15 a.m.—Anne White, “At Our House” (ex. Sat.).
12:00 noon.—Los Angeles Biltmore Hotel Concert Dr.
12:30 p.m.—World-Wide News, courtesy L. A. Times.
1:00 p.m.—Charlie Wellman’s Request program.
3:00 p.m.—Matinee Melody Masters (except Monday).
4:00 p.m.—Lecture period.
5:00 p.m.—Story Man and His Air Castle (ex. Mon.).
6:30 p.m.—Don Lee ocean recital (ex. Monday).
6:00 p.m.—Nightly Doings.
6:15 p.m.—Dinner music.
7:45 p.m.—World-Wide News, courtesy L. A. Times.
7:00 p.m.—Concert Orchestra and Soloists (ex. Tues.).
7:30 p.m.—Half Hour of Happiness.
10:30 p.m.—Earl Burnett’s Los Angeles Biltmore Hotel Concert Orchestra and Intermissions, through the courtesy Unser & Watson, Majestic Radio Dist.

SUNDAY, NOVEMBER 11

6:30 a.m.—Late recordings.
10:30 a.m.—Morning service, First M. E. Church.
12:30 a.m.—Recordings.
2:00 p.m.—“The Old Adobe of Verdugo Woodlands.”
6:00 p.m.—Nightly Doings.
8:15 p.m.—Evening Musicals, First M. E. Church.
9:45 p.m.—World-Wide News, courtesy L. A. Times.
7:00 p.m.—Evening service from First M. E. Church.
8:00 p.m.—Don Lee Symphony Orchestra.
9:00 p.m.—Cadillac-LaSalle Orchestra.
10:00 p.m.—Vassos卿ette.
11:00 p.m.—KHJ Dance Orchestra.

MONDAY, NOVEMBER 12

10:00 a.m.—University of Southern California.
11:15 a.m.—Dr. Eugene Brown.
11:30 a.m.—“Old Man Opportunity.”
2:00 p.m.—Studio Program.
3:00 p.m.—“Chasin’ the Blues.”
4:00 p.m.—George M. Lord, Western Air Express.
4:15 p.m.—M. D. Bressel, L. A. Co. Sheriff’s Office.
4:30 p.m.—Mary Shannon Harrington, talk on “Problems of the Home.”
8:00 p.m.—Pacific States Savings & Loan Co. program.
9:15 p.m.—Organ recital and vocalists.
10:00 p.m.—San Dodgers, with Charlie Wellman.
11:00 p.m.—Don Lee Symphony Orchestra.

TUESDAY, NOVEMBER 13

10:00 a.m.—University of Southern California.
11:15 a.m.—Dr. Eugene Brown, talk on “Health.”
11:45 a.m.—Celeste Nyus, concert pianist.
12:45 p.m.—L. A. Adr. Club Luncheon, from Biltmore.
1:30 p.m.—Request program, with Charlie Wellman.
2:00 p.m.—U. S. C. Trojan Hour.
2:30 p.m.—Street and Highway Safety.
4:00 p.m.—Dr. Frank McCory, health talk.
4:30 p.m.—Rabbi Edgar Mann’s Hour.
7:30 p.m.—Overall Furniture Co. playlet.
8:00 p.m.—Cadillac-LaSalle Concert Orchestra.
9:00 p.m.—Don Lee Symphony.

WEDNESDAY, NOVEMBER 14

10:00 a.m.—University of Southern California.
11:00 a.m.—Student program.
12:45 p.m.—Optimist’s Club Luncheon from Biltmore.
2:00 p.m.—Bureau of Public Safety.
2:30 p.m.—Dorothy Ellen Cole, “This and That.”
4:00 p.m.—Dr. Phillip M. Lowel, “Care of the Body.”
4:30 p.m.—“Uncle Jerry,” “Trip Through Finland.”
7:00 p.m.—Inwood Park Cemetery Ass’n.
8:00 p.m.—Unser & Watson, Inc.
9:00 p.m.—Don Lee Symphony.

THURSDAY, NOVEMBER 15

10:00 a.m.—University of Southern California.
11:30 a.m.—Studio program.
12:45 p.m.—Optimist’s Club Luncheon from Biltmore.
2:00 p.m.—Bureau of Public Safety.
2:30 p.m.—Dorothy Ellen Cole, “This and That.”
4:00 p.m.—Dr. Phillip M. Lowel, “Care of the Body.”
4:30 p.m.—“Uncle Jerry,” “Trip Through Finland.”
7:00 p.m.—Inwood Park Cemetery Ass’n.
8:00 p.m.—Unser & Watson, Inc.
9:00 p.m.—Don Lee Symphony.

FRIDAY, NOVEMBER 16

8:00 a.m.—Verdugo Woodlands Breakfast Club.
2:00 p.m.—U. S. C. Trojan Hour.
2:30 p.m.—Fletcher Dobson, The Theater, Past, Present and Future.
3:00 p.m.—Elria Allman’s Surprise Package.
4:00 p.m.—Los Angeles City Schools program.
4:30 p.m.—Council of International Relations.
7:00 p.m.—KHJ Concert Orchestra.
7:30 p.m.—Mynrohol Chemical Co. program, with Charlie Wellman.
8:00 p.m.—Continuity program written by Van C. Newkirk.
9:00 p.m.—Don Lee Symphony.

SATURDAY, NOVEMBER 17

8:30 to 12:00 noon.—DARK.
2:00 p.m.—Football games from Univ. of So. Calif.
7:00 p.m.—Tally Battery Company Program.
7:30 p.m.—Movie Club, with Charlie Wellman.
6:00 p.m.—Robert Wildhack, The Radio Cartoonist.
9:00 p.m.—Don Lee Symphony (In honor of Navy Day)
12:00 midnight.—The Merrymakers, with Charlie Wellman.

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Manager and Program Director

Glen Rice
Assistant Manager

N. D. Garver
Technical Engineer

**DAILY EXCEPT SUNDAY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>6:45 a.m.</td>
<td>&quot;Fairlybird,&quot; exercises given by Dr. P. M. Selgas.</td>
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<tr>
<td>7:15 a.m.</td>
<td>&quot;Pep and Vigor,&quot; exercises given by Dr. P. M. Selgas.</td>
</tr>
<tr>
<td>7:45 a.m.</td>
<td>&quot;Home Folk,&quot; exercises given by Dr. P. M. Selgas.</td>
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<tr>
<td>8:00 a.m.</td>
<td>Inspirational talk and morning prayer.</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Time signals from Washington, D. C., followed by birthday notices.</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>Radio Shopping News, conducted by Carl Frost, Hollywood.</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Town Crier of the Day's morning message.</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Kate Brow Vought, director of Household Economics Department of the Evening Express (except Friday and Saturday).</td>
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**MONDAY, NOVEMBER 12**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>1:00 a.m.</td>
<td>French lessons by Edgard Leon.</td>
</tr>
<tr>
<td>2:30 a.m.</td>
<td>Music.</td>
</tr>
<tr>
<td>4:00 a.m.</td>
<td>Garden talk by Dewey K. Kruckenberg.</td>
</tr>
<tr>
<td>4:15 a.m.</td>
<td>Ricardura, the psychic prince.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Talk on popular science by Dr. Mars Humprey.</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>Feature program.</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Hercules Gasoline Co. presenting &quot;Jim&quot; and his Mule &quot;Hercules.&quot;</td>
</tr>
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**TUESDAY, NOVEMBER 13**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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</thead>
<tbody>
<tr>
<td>4:00 a.m.</td>
<td>Perfect eyesight without glasses, by Dr. Wesley M. Barrett.</td>
</tr>
</tbody>
</table>
| 6:00 a.m. | Playgoers' Club, conducted by Wedgwood Nowll.
| 7:00 p.m. | Meeting Company courtesy program. |
| 7:30 p.m. | Feature program. |
| 8:00 p.m. | Brown-Israel Company courtesy program. |
| 9:30 p.m. | Great Moments in Hawaii. |
| 9:00 p.m. | Feature program. |

**WEDNESDAY, NOVEMBER 14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>7:00 a.m.</td>
<td>French lessons by Edgard Leon.</td>
</tr>
<tr>
<td>2:30 p.m.</td>
<td>Paul Hume.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Louise Johnson, reading horoscopes.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Feature program.</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>Imperial Rock Gas Co. of Long Beach.</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>Platt Personality program.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Feature program.</td>
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**THURSDAY, NOVEMBER 15**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:00 a.m.</td>
<td>French lessons by Edgard Leon.</td>
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<td>2:30 p.m.</td>
<td>Paul Hume.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Louise Johnson, reading horoscopes.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Feature program.</td>
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<tr>
<td>8:30 p.m.</td>
<td>Feature program.</td>
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**FRIDAY, NOVEMBER 16**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 p.m.</td>
<td>Los Angeles Red Cross program.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Perfect eyesight without glasses, by Dr. Wesley M. Barrett.</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Ricardura, the psychic prince.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Feature program.</td>
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<tr>
<td>7:30 p.m.</td>
<td>New York Hat Store, presenting the Hat Box Revue Orchestra.</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Royal Order of Optimist Donuts.</td>
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<tr>
<td>8:30 p.m.</td>
<td>Main event from the Hollywood Legion Stadium, through courtesy of Dan Parker the Tailor.</td>
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**SATURDAY, NOVEMBER 17**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>10:20 a.m.</td>
<td>Beauty talk, courtesy of Madame Marie.</td>
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<tr>
<td>1:30 p.m.</td>
<td>C. P. R.'s musical program.</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>Broadcasting football game from Coliseum, courtesy Union Oil Company.</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>Playgoers' Club conducted by Wedgewood Nowll.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>A Half Hour of Mystery.</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>Announcement of the services of the leading Los Angeles churches.</td>
</tr>
<tr>
<td>8:05 p.m.</td>
<td>Feature program.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>Mr. and Mrs. Radio Hall.</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>Feature program.</td>
</tr>
<tr>
<td>1:00 a.m.</td>
<td>The Midnight Express.</td>
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</table>
NEW HI-Q RECEIVERS
Custom-built To Any Pocketbook!

10 K. C. SELECTIVITY . . . AB. SOLUTE FLAT TOP TUNING . . . COAST-TO-COAST RECEPTION . . . NEW TONE QUALITY . . . SCREEN. GRID TUBES . . . SHIELDED STEEL CHASSIS . . . CONCEALED WIRING . . SIMPLIFIED CONSTRUCTION.

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The new Master Hi-Q typifies the marvelous efficiency of the entire line of 1929 Hi-Q's. A five-tube stage-shielded receiver, built upon a solid steel chassis, using the very finest parts in the industry, including the new screen-grid tube. A BAND-PASS FILTER effects absolute FLAT-TOP square cut-off TUNING for the first time to our knowledge in radio history. FLAT-TOP TUNING with 10 K.C.

selectivity! "Cross-talk" impossible because you cannot receive more than one station at a time, even in large cities where many powerful stations are broadcasting!

The Master Hi-Q 29 is a real "coast-to-coast" instrument. Stations absolutely "CLICK" in—sharp, clear, definite. No hum, no buzz, no oscillation—nothing but the pure, natural signal exactly as it is delivered to the microphone. Wonderful sensitivity. Wonderful selectivity. And tone quality that simply cannot be described.

The other three new Hi-Q 29 Receivers have similar qualities—each the fullest value in radio world—each a finer instrument than any ready-built receiver selling at $50 to $100 more money.

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The outstanding feature of this set is the Hi-Q Band-pass Filter, which actually effects FLAT-TOP TUNING within a 10 K. C. band. Also screen-grid tubes, completely shielded, concealed wiring. Master Hi-Q 29 complete without cabinet, $99.50. Master A. C. Hi-Q 29 complete without cabinet, $115.00.

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Bangs Electric, Co. Acme Wire Co. (Farrell)
Thordarson Elec. Mfg. Co. International Resonance
Hammarlund Mfg. Co. Co. (Durham Restorers)
Yarley Mfg. Co. Radiant Co. (Amperite)
Benjamin Elec. Mfg. Co. Electrad, Inc. (Trudel)
Arcturus Radio Co. Westinghouse Micarta

Factory Rep., HENGER-SELTZER Co., 711 Eect 14th St., Los Angeles
The essential features of these programs are identical with those sent by the stations.

**Hollywood, Calif.—570 Kc.**

500 WATTS—525.0 METERS

**KMTR RADIO STATION.** 1028 N. Highland Ave. HOLLY 3028

The Official Broadcasting Station of the

**Los Angeles Evening Herald.**

**TUESDAY, NOVEMBER 13**

10:00 a.m.—George O. George courtesy program.

11:00 a.m.—Talk on "Intimate Impressions of Famous Stage Folk," by Marcial Millhaug.

12:00 noon—Dr. Paul J. Steidel, dictation and nerve specialist.

1:30 p.m.—Los Angeles Police Quartet.

3:30 p.m.—Santa Claus on the Air.

7:30 p.m.—Purr-Pull gasoline dance program.

8:30 p.m.—Thorpe Hamm, Franklin distributor.

9:30 p.m.—Kelley Kar Co., courtesy program.

**WEDNESDAY, NOVEMBER 14**

12:30 p.m.—Carthay Circle Theatre program.

3:30 p.m.—Garden talk by Opal Scabrother, through the courtesy of General Petroleum and Plant Co.

6:00 p.m.—Overell's Dinner-Hour Concert Orchestra.

8:00 p.m.—Southern California Edison Co., courtesy program, featuring their Symphonic Orchestra.

9:00 p.m.—Courtesy program.

**THURSDAY, NOVEMBER 15**

10:15 a.m.—Dr. Paul L. Steidel.

11:00 a.m.—Hollywood Chamber of Commerce program.

11:30 a.m.—Pacific Electric Art and his Range.

1:30 p.m.—Louise Lowe, pianist and vocalist.

5:30 p.m.—Santa Claus on the Air.

7:20 p.m.—Depart of Commerce.

7:30 p.m.—Fast Full Gasoline dance program.

8:00 p.m.—North American Bulldog and Lean Association, courtesy program featuring Joseph Diskay.

9:00 p.m.—Kelley Kar Co.

**FRIDAY, NOVEMBER 16**

11:00 a.m.—Library talk.

1:35 a.m.—Chadway Lockhart Manning, composer.

4:15 p.m.—Talk on "Psycho-Analyst,"

7:20 p.m.—John Wright, the Right Talker, courtesy program featuring a request program of dance music.

8:00 p.m.—Loren Powell's Little Symphony.

9:00 p.m.—F. J. Frederick, courtesy program featuring Leno Mar and His Country Boys.

**SATURDAY, NOVEMBER 17**

10:15 a.m.—Talk by Dr. Paul J. Steidel.

10:45 a.m.—"Breathing for Happiness."

11:15 a.m.—Edward Lynn's Kitchen Hour.

1:00 p.m.—KMTR Spanish Hour, announced by Senorita Luisa Luisan.

2:15 p.m.—Broadcasting the football game from the Los Angeles Coliseum; Washington State-Southern California.

6:00 p.m.—Los Angeles Fire Department Orchestra.

7:15 p.m.—Golf talk by Eddy Nunn, golf pro.

8:00 p.m.—Popular program.

9:00 p.m.—Kelley Kar Co., courtesy program.

**Glendale, Calif.—1000 Kc.**

250 WATTS—299.8 METERS

Main Studio: Hotel Glendale, E. Broadway and Glendale Blvd, Douglas 3226, Los Angeles Tel., CA. 6283

8:00 p.m.—Swindell Stringed Trio.

9:00 p.m.—Verduco Serenaders, Spanish Orchestra.

9:30 p.m.—Gene Johnston's Music Box Review.

**WEDNESDAY, NOVEMBER 14**

8:00 p.m.—Divine Science Fellowship musical program.

9:00 p.m.—Joe Bishop and his Guitar. requests.

9:30 p.m.—Studio program.

**FRIDAY, NOVEMBER 16**

6:00 p.m.—Glendale Harmony Trio.

6:30 p.m.—Cheeke's Southern Orchestra.

7:00 p.m.—Divine Science Fellowship musical program.

8:00 p.m.—Stringed Trio.

8:30 p.m.—Larry Green and Merita Rose in popular ballads.

9:00 p.m.—Studio program.

9:30 p.m.—Glendale Fire Dept. variety program.

**SATURDAY, NOVEMBER 17**

6:00 p.m.—Gladys Paish and Otto Hoeg in popular songs.

6:30 p.m.—Dinner music.

7:00 p.m.—Reynolds Bros. guitar duets.

8:00 p.m.—Feldman Stringers.

9:00 p.m.—Business and Professional Women's musical program.

10:00 p.m.—KGFH Finale.
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**KFWB**

**Hollywood, Calif. — 950 Kc.**

1000 WATTS—315.5 METERS

WARNER BROS., MOTION PICTURE STUDIOS

Warner Brothers' Theater, 5025 Hollywood Boulevard

**MONDAY, NOVEMBER 12**

7:30 p. m.—Robi, S. Shrauder, automobile dealer.
8:30 p. m.—Soothing All-Tread Orchestra and entertainers.
9:00 p. m.—KFWB Concert Orchestra; Drake Warner, baritone.

**TUESDAY, NOVEMBER 13**

7:30 p. m.—Will Hardy, entertainer.
8:00 p. m.—Crosley Hour, presenting the Crosley Review.
9:00 p. m.—Ann Gray, popular songs; The Serenaders.
10:00 p. m.—Rogers Club Program.
10:30 p. m.—Bowh by bow description of the Olympic Auditorium Boxing体制.
10:30 p. m.—Roy Fox's Orchestra from the Montmartre Cafe.

**SUNDAY, NOVEMBER 14**

11:30 a. m.—Time-Talk Topics.

**WEDNESDAY, NOVEMBER 17**

1:15 p. m.—Roy Fox's Orchestra from the Montmartre Cafe.

**THURSDAY, NOVEMBER 18**

7:30 p. m.—Will Hardy, entertainer.
8:00 p. m.—The Flying Cloud Program, presenting the crew of the Flying Cloud.
8:30 p. m.—Program by courtesy of the Radio News Magazine, owners of Stetson WINSY, New York.

**FRIDAY, NOVEMBER 19**

1:15 p. m.—Roy Fox's Orchestra from the Montmartre Cafe.

**SATURDAY, NOVEMBER 20**

1:45 p. m.—Eastern Football Game.
2:00 p. m.—At the Journal.
7:30 p. m.—Program in honor of the Illustrated Daily News.
8:00 p. m.—Montmartre Gille; Vernon Richard, tenor.
9:00 p. m.—Novelty Program.
10:30 p. m.—Roy Fox's Orchestra from the Montmartre Cafe.

**KELW**

**Burbank, Calif. — 780 Kc.**

MAGNOLIA PARK. 500 WATTS—38.4 METERS

"The White Spot of the San Fernando Valley"

**MONDAY, NOVEMBER 15**

8:00 p. m.—Artists Trio; Paul Kent, tenor.

**TUESDAY, NOVEMBER 16**

8:00 p. m.—Hollywood Bells; Lacy Day, soprano.

**WEDNESDAY, NOVEMBER 17**

2:00 p. m.—Magnolia Park Trio. Valry Sisters, D'uh.

**THURSDAY, NOVEMBER 18**

8:00 p. m.—Missiles Trio with Ernest Campbell, soprano; Charles King, tenor.

**FRIDAY, NOVEMBER 19**

8:00 p. m.—Napoleon Trio; Otto Ploetz, tenor.

**SATURDAY, NOVEMBER 20**

8:00 p. m.—Valley Mixed Quartet.

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150 Glendale Boulevard
Los Angeles, Calif.
Phone MUtual 0041
Radio Doings

November 10

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

KPLA

10:30 a.m. - Prudence Penny
11:00 a.m. - KPLA Breakfast Follies
11:30 a.m. - Diverdiva with Edna McKee, Wint Cotton, Maxine Trio, Novelty Five, Orange Grove Trio
12:00 m. - Health talk by Miss Gertrude N. Furnarie
1:00 p.m. - Household shopping, financial information
2:00 p.m. - Recording
5:00 p.m. - Drugist Radio Association program
10:00 m. - Geo. Eckhart's Orchestra from Cafe Lafayette

MONDAY, NOVEMBER 12

10:30 a.m. - Prudence Penny
11:00 a.m. - Florentine Trio
11:30 a.m. - Funk-Lois-Fernando Van Berg's String Quartet
11:45 a.m. - KPLA Vocal Orchestra, with Fred Scott

TUESDAY, NOVEMBER 13

10:30 a.m. - Claire Collins
11:00 a.m. - KPLA Vocal Orchestra
11:30 a.m. - Senator Curtzwilka
12:00 m. - Florentine Trio
12:30 p.m. - Morgan & Fields' Radio Theater Revue
1:00 p.m. - Cliff Dwellers Cafe
1:30 p.m. - KPLA Concert Quartet, with Bulda Dietz

BILLY BARRON

Director of Transmission

KLBI

11:30 a.m. - Myrtle Glendening, violist
1:00 p.m. - Jack Wells and Roy Clark
1:30 p.m. - Inspirational massage and music
2:00 p.m. - Rev. J. H. Butchins

THURSDAY, NOVEMBER 15

11:30 a.m. - Vera of Christian Work; Dr. W. H. Boyd
12:00 m. - Christian Philosophy; Dean MacMillan
12:30 p.m. - Selphol J. Doty, pastor
1:00 p.m. - Mary B. West, contralto
1:15 p.m. - Missionary Biography; Rev. John F. Hunter
2:00 p.m. - Visiting Pastor's Radio Ministry

FRIDAY, NOVEMBER 16

11:30 a.m. - New Testament Word Studies
12:00 m. - Dr. G. Campbell Morgan
12:30 m. - Helen Elizabeth Crane, soprano
12:00 noon - Noonday Chimes and Scripture Reading
1:00 p.m. - Travel Sheldon and Gordon Hooker
1:30 p.m. - Rev. Horace C. Chisholm
2:00 p.m. - Visiting Pastor's Radio Ministry
7:00 m. - International Sunday School Lesson
8:00 m. - Dr. G. Campbell Morgan
8:15 p.m. - Church Loyalty Crusade

SATURDAY, NOVEMBER 17

7:00 m. - Jewish Services; Rev. D. L. Cooper
7:30 p.m. - Harmony Instrumental Trio
8:15 p.m. - Special concert hour
8:45 p.m. - Moor Magic, John G. Field

Los Angeles, Calif. - 1300 Kc.

500 WATTS - 320,000 METERS

Commercial Exchange Building, Eighth and Olive Streets

Official Station of The Los Angeles Examiner

WEDNESDAY, NOVEMBER 14

10:30 a.m. - Prudence Penny
11:30 a.m. - Edna McKee, Kathryn O'Neill, Royal Wales,
11:45 a.m. - J. H. Bently Old Man Safety program; Sunny Three
8:45 p.m. - West Pocket program
9:30 p.m. - KPLA Concert Quartette, with Joe Flashman

THURSDAY, NOVEMBER 15

10:30 a.m. - Claire Collins
11:30 a.m. - Miller Bros. Harmony Team
8:00 p.m. - West Pocket program
8:15 p.m. - Morgan & Fields, Florentine Trio, Novelty Five
9:00 p.m. - Cliff Dwellers Cafe
9:15 p.m. - KPLA Ballet Orchestra with Emma Kimball

FRIDAY, NOVEMBER 16

10:30 a.m. - Prudence Penny
3:00 p.m. - Mahra the Great
3:30 p.m. - L. A. Police Dept.; Public Safety
4:30 p.m. - J. A. Fire Dept.; Public Safety
7:30 p.m. - Strings Quartette
7:45 p.m. - Mack's Concert Quartette with Otto Plisko
8:30 p.m. - J. H. Bently Old Man Safety program; Sunny Three
8:45 p.m. - West Pocket program
9:00 p.m. - Morgan & Fields - KPLA Dance Orchestra and solist
9:30 p.m. - Song Fugues Review

SATURDAY, NOVEMBER 17

10:30 a.m. - Claire Collins
11:30 a.m. - Roy Purdy, Al North, Edna McKee
8:00 p.m. - Concert Quintette with Eda Schnita
9:00 p.m. - Billy Barron and his orchestra, Edna McKee, Bill Harris

SUNDAY, NOVEMBER 18

5:00 p.m. - Featuring Morgan & Me, the Tw10d Black Crows over the Columbia Net-Work
7:00 p.m. - Request program with Edna McKee, Dar Sisters, Eln Cotton, Billy Barron, KPLA Dance Orchestra

Los Angeles, Calif. - 570 Kc.

500 WATTS - 320,000 METERS - Bible Institute of Los Angeles

HARRY P. HERDMAN, Announcer. Phone ME 8791

HARRY P. HERDMAN

Announcer

SUNDAY, NOVEMBER 11

6:00 a.m. - Studio vespers service: Dr. John M. Madigan
8:00 a.m. - Church of the Open Door; Dr. G. Campbell Morgan
9:00 a.m. - Old Hymn hour

MONDAY, NOVEMBER 12

9:45 a.m. - Home Folks request hour
10:30 a.m. - Armistice Day services
11:30 a.m. - Susan Francla White and Iona Jordan
12:00 m. - Young People's Societies
12:30 p.m. - Selected features program
1:15 p.m. - Armistice Day musical program

TUESDAY, NOVEMBER 13

9:45 a.m. - Selected features
10:30 a.m. - Christian Philosophy; Dean MacMillan
11:30 a.m. - Dr. W. E. Edmonds
12:00 noon - Noonday Chimes and Scripture Reading
1:00 p.m. - Whirl财政 Koppa, contralto
1:15 p.m. - King's Business Question Box
2:00 p.m. - Rev. W. H. Nichols

WEDNESDAY, NOVEMBER 14

9:45 a.m. - Christian Psychology; Dean MacMillan
10:30 a.m. - Doctrinal lecture, Prof. Ains J. McClellan

11:30 a.m. - Myrtle Glendening, violist
1:00 p.m. - Jack Wells and Roy Clark
1:30 p.m. - Inspirational massage and music
2:00 p.m. - Rev. J. H. Butchins

THURSDAY, NOVEMBER 15

9:45 a.m. - News of Christian Work; Dr. W. H. Boyd
10:30 a.m. - Christian Philosophy; Dean MacMillan
11:30 a.m. - Selphol J. Doty, pastor
1:00 p.m. - Mary B. West, contralto
1:15 p.m. - Missionary Biography; Rev. John F. Hunter
2:00 p.m. - Visiting Pastor's Radio Ministry

FRIDAY, NOVEMBER 16

9:45 a.m. - New Testament Word Studies
10:30 a.m. - Dr. G. Campbell Morgan
11:30 a.m. - Helen Elizabeth Crane, soprano
12:00 noon - Noonday Chimes and Scripture Reading
1:00 p.m. - Travel Sheldon and Gordon Hooker
1:30 p.m. - Rev. Horace C. Chisholm
2:00 p.m. - Visiting Pastor's Radio Ministry
7:00 m. - International Sunday School Lesson
8:00 m. - Dr. G. Campbell Morgan
8:15 p.m. - Church Loyalty Crusade

SATURDAY, NOVEMBER 17

7:00 m. - Jewish Services; Rev. D. L. Cooper
7:30 p.m. - Harmony Instrumental Trio
8:15 p.m. - Special concert hour
8:45 p.m. - Moor Magic, John G. Field
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KPLA

Los Angeles, Calif.-570 Kc.

800 WATTS—328.0 METERS

Commercial Exchange Building, Eighth and Olive Streets.

Official Station of Los Angeles Examiner

WEDNESDAY, NOVEMBER 14

10:30 a. m.—Prudence Penny

7:30 p. m.—KPLA Sextet.

7:45 a. m.—Edna McKee, Kathlyn O'Neill, Royal Williams.

7:15 a. m.—J. H. Bently Old Man Safety program: Sunny Three.

8:45 a. m.—Pocket program.

5:30 p. m.—KPLA Concert Quintet, with Joe Flattery.

THURSDAY, NOVEMBER 15

10:30 a. m.—Cilla Collins.

7:30 a. m.—Miller Bros. Harmony Team.

8:00 a. m.—Pocket program.

8:15 p. m.—Morgan & Fields, Florentine Trio: Noveltv Five.

9:30 a. m.—Cliff Dwellers Cafe.

9:30 p. m.—KPLA Salon Orchestra and Emma Kinne

FRIDAY—NOVEMBER 16

10:30 a. m.—Prudence Penny

3:30 p. m.—Mahira the Great.

3:30 a. m.—L. A. Police Dept., Public Safety.

4:30 a. m.—L. A. Fire Dept., Public Safety.

7:30 a. m.—String Quartette.

7:45 a. m.—Mack's Concert Quartette with Orlo Frank.

8:15 a. m.—J. H. Bently Old Man Safety program; Sunny Three.

8:45 p. m.—Pocket program.

9:30 a. m.—Morgan & Fields—KPLA Dance Orchestra.

9:30 p. m.—Song Pluggers Revue.

SATURDAY, NOVEMBER 17

10:30 a. m.—Cilla Collins.

7:30 a. m.—Ryl Dryer, Al North, Edna McKee.

8:00 a. m.—Concert Quintette with Ida Schults.

9:00 a. m.—Billy Barron and his orchestra; Edna McKee, Bill Henry.

SUNDAY, NOVEMBER 18

6:30 p. m.—Featuring Morgan & Mac, the Two Black Crows over the Columbia Net-work.

7:30 p. m.—Bosque program with Edna McKee, Dar Sisters, Elton Cotton, Billy Barron, KPLA Dance Orchestra.

KTB1

Los Angeles, Calif,—1300 Kc.

1000 Watts—230.5 Meters—Bible Institute of Los Angeles

HARRY P. HERDMAN, Manager

HARRY P. HERDMAN, Announcer, Yo. 3781

JOHN A. GLASE, Director of Program

HOWARD O. WILSON, Technician

GORDON E. HOOKER, Accompanist

DAILY EXCEPT SATURDAY AND SUNDAY

SUNDAY, NOVEMBER 11

6:00 a. m.—Studio vapor service; Dr. John M. Mac-Canon.

8:00 a. m.—Church of the Open Door; Dr. G. Campbell Morgan.

9:00 p. m.—Old Hymn hour.

MONDAY, NOVEMBER 12

9:45 a. m.—Home Folks request hour.

10:30 a. m.—Armistice Day service.

11:30 a. m.—Sueh Francis White and Iona Jordan.

7:00 p. m.—Young People's Societies.

7:30 a. m.—Selected features program.

8:15 a. m.—Armistice Day musical program.

TUESDAY, NOVEMBER 13

9:45 a. m.—Selected features.

10:30 a. m.—Christian Philosophy; Dean Macfie.

11:30 a. m.—Dr. W. S. Edmonds.

12:00 noon—Nonnlar Chimes and Scripture Reading.

1:15 p. m.—Winfred Kopp, contralto.

1:15 p. m.—King's Business Question Box.

2:00 p. m.—Rev. W. H.

WEDNESDAY, NOVEMBER 14

9:45 a. m.—Christian Psychology; Dean Macfie.

10:30 a. m.—Doctrinal lecture; Prof. Arla J. McClain.
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Beautiful butt burl walnut cabinet finished in two tones.
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The essential features of these programs are identical with those sent by the stations.

**KMIC**

**Inglewood, Calif.—1120 Kc.**

250 WATTS—267.7 METERS

Chamber of Commerce Bldg., Inglewood, Calif.

**Radio Doings**

November 10

8:00 p. m.—Rebroadcast KATR, Gen. Petroleum prod.

9:00 p. m.—KMIC Variety.

**TUESDAY, NOVEMBER 13**

7:00 p. m.—Cecilian Instrumental Trio; John Dixon, baritone.

7:30 p. m.—Atty. S. S. Hahn.

8:00 p. m.—So. Calif. Music Co. presenting Marguerite and Leonard LeGrand.

8:30 p. m.—Schubert Male Quartet and Anna Whitefield.

**WEDNESDAY, NOVEMBER 14**

7:00 p. m.—Cactus Mfg. Co.; Kaktus Kid Orchestra.

7:45 p. m.—John Mand of the L. A. Record.

8:00 p. m.—Lennox Women’s Club program.

9:15 p. m.—Professional Tryouts.

**THURSDAY, NOVEMBER 15**

7:00 p. m.—N. E. Brown, Radio talk.

7:30 p. m.—Rhythm Destroyers.

8:00 p. m.—Majestic Trio; L. Nance and M. Brozman; Ted Rose, pianist.

**FRIDAY, NOVEMBER 16**

7:00 p. m.—Pekke Quartet.

7:30 p. m.—Southern Calif. Music program.

8:00 p. m.—KMIC Variety.

9:00 p. m.—Rebroadcast KNX Glimore Oil.

**SATURDAY, NOVEMBER 17**

7:00 p. m.—Judge Georgia Bullock.

7:15 p. m.—Variety program.

8:00 p. m.—Rebroadcast KFI Hoover speech.

8:00 p. m.—Three Muddy Snears; Ted Rose, pianist; Thorne Lindeman, blues; Jim Crocey, ballads.

**KFQZ**

**Los Angeles, Calif.—850 Kc.**

250 WATTS—353.7 METERS

1417 S. Flower St., Los Angeles, Calif. WEstmore 3041.

**7:30 p. m.**—Bob’s Musical Boys; Harry Lamont.

**8:00 p. m.**—Ann Warren.

**9:00 p. m.**—Hagoustich, pianist; Edith Isabel; Ralph Moore.

**TUESDAY, NOVEMBER 13**

**7:30 p. m.**—Melody Sweethearts; Dick Wilson; Ernest Jacobson.

**8:30 p. m.**—Marie Golder; Jack Roberts.

**9:00 p. m.**—Al Cajal piano request.

**10:30 p. m.**—Ennie Owens and his Westlake Park Orchestra; Bob Swan.

**WEDNESDAY, NOVEMBER 14**

**8:30 p. m.**—KFQZ Hawaiian Trio.

**7:30 p. m.**—Sammy Kovar; Marie Winger.

**8:30 p. m.**—Ann Warren.

**9:00 p. m.**—Le Roy Party and his orchestra.

**THURSDAY, NOVEMBER 15**

**7:30 p. m.**—Howard Jones (Whispering Tenor); Luks Ingram.

**8:30 p. m.**—Miss Marbury.

**9:00 p. m.**—Novelty Syncopators; Oliver Pellerin; Clarice Russell.

**10:00 p. m.**—Auditions.

**FRIDAY, NOVEMBER 16**

**8:30 p. m.**—Hawaiian Trio.

**7:30 p. m.**—Sammy Kovar; Marie Winger.

**8:30 p. m.**—James Monte; Ruth Kerman.

**9:00 p. m.**—Lou Nickel and his orchestra; Ralph Moore; Edith Isabel.

**10:00 p. m.**—Orchestra.

**SATURDAY, NOVEMBER 17**

**7:30 p. m.**—Inez Ingram; Melody Sweethearts.

**8:30 p. m.**—Al Cajal piano request.

**9:00 p. m.**—Margaret Thorne; Leo Mansfield; Alberts and Virginia Farmer.

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KGFJ
Los Angeles, Calif.—1420 Kc.

Owned and Operated by
Ben S. McDillahan
Duke Hancock

Ass't Manager
Thelma Kirchner
Program Director
Larry Snell
Announcer
Chas. Whitney
Chief Technician
N. Frank Bukw

Music Dept.
Phones:
WEstmore 7777
WESTmore 7778

DAILY EXCEPT SUNDAY
12:00 Midnight—Nite Owl program.
2:00 a.m.—Breakfast program.
6:30 a.m.—Gordon Smith's Radiotales Service; Ors Hoeg, pianist.
9:30 a.m.—Popular recordings.
10:00 a.m.—Studio program.
11:00 a.m.—Airline Radio Service.
12:00 noon—Your Favorite Request Hour.
1:00 p.m.—Recordings.
6:00 p.m.—Dick Moder Orchestra.
7:00 p.m.—Gordon Smith's Radiotales Service.
8:00 p.m.—Ran Silverman and Esther Kahn, blues; Jesse Stafford and his Brunswick Recording Orchestra, by remote control from Cinderella Roof Ballroom.
10:30 p.m.—Studio program.

SUNDAY, NOVEMBER 11
12:00 midnight—Nite Owl program.
7:00 a.m.—John Wright program; KMTR rebroadcast.
10:00 a.m.—Southlanders Orchestra; Charlie Cole, tenor.
12:00 noon—Columbia String Trio; Rocky Bernard, baritone.
1:30 p.m.—Hawaiian Trio; Gladys Parish, blues singer.
3:30 p.m.—Sunday Afternoon Frolic.
5:30 p.m.—Studio program.
9:00 p.m.—Recordings.

MONDAY, NOVEMBER 12
11:00 a.m.—Rocky Bernard, baritone; Margaret Hart, pianist.
3:00 p.m.—Bureau of Public Safety: L. A. Police Quartet.
8:00 p.m.—Dick Moder Orchestra.

The Most Popular Blue Singer on the Air
RAE SILVERMAN Your Favorite Request Hour
12 to 1, Week Days
Esther Kahn at the Piano

DEMAND ARMO CONDENSERS
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"Keeping Good Folks Joyful Twenty-four Hours a Day"

7:00 a.m.—Charlie Davis, ukulele; Radiotales Twins.
10:30 a.m.—Hawaiian Trio; Gene Perry, ukulele.

TUESDAY, NOVEMBER 13
11:30 a.m.—Rocky Bernard, baritone; Margaret Hart, pianist; Earl Snyder, ballade.
12:00 noon—Ray Silverman, blues singer; Esther Kahn, pianist.
5:00 p.m.—Dick Moder Orchestra.
7:00 p.m.—Albert Keglowich, violinist; Irma Vail, pianist.
10:30 p.m.—Hawaiian Trio; Earl Snyder, tenor; Gertrude Goldberg, soprano; Gene Perry, ukulele.

WEDNESDAY, NOVEMBER 14
11:00 a.m.—Charlie Cole, tenor; Margaret Hart, pianist; Gene Perry, ukulele.
2:00 p.m.—Jesse Stafford and his Brunswick Recording Orchestra, by remote control from Cinderella Roof Ballroom.
6:00 p.m.—Dick Moder Orchestra.
7:00 p.m.—Radiotales Twins.
10:30 p.m.—Hawaiian Trio; Lauria Nance and Milfred Brozman, blues; Gene Perry, ukulele.

THURSDAY, NOVEMBER 15
7:00 a.m.—Charlie Cole, tenor; Margaret Hart, pianist; Gene Perry, ukulele.
6:00 p.m.—Dick Moder Orchestra.
7:00 p.m.—Eddie Gelmacher, jazz pianist; Irma Vail and Albert Keglowich.
10:30 p.m.—Hawaiian Trio; Gene Perry, ukulele; Dorothy Green, blues.

FRIDAY, NOVEMBER 16
7:00 a.m.—Charlie Cole, tenor; Margaret Hart, pianist; Gene Perry, ukulele.
6:00 p.m.—Dick Moder Orchestra.
7:00 p.m.—Radiotales Twins.
10:30 p.m.—Hawaiian Trio; Gene Perry, ukulele; Nat Weinberg, blues.

SATURDAY, NOVEMBER 17
11:50 a.m.—Rocky Bernard, baritone; Margaret Hart, pianist; Earl Snyder, ballade.
2:00 p.m.—Jesse Stafford and his Brunswick Recording Orchestra, by remote control from Cinderella Roof Ballroom.
6:00 p.m.—Dick Moder Orchestra.
7:00 p.m.—Charlie Davis, ukulele; Radiotales Twins.
10:30 p.m.—Hawaiian Trio; Scotty Kleinpatrick and Miles Barnett; Koko West, banjo.
NOW—at your dealer's—Farrand Dynamic Speaker for $50 A.C. or D.C.

The most dissatisfied radio fan in the world is the fellow who first hears a Farrand Dynamic Speaker after he has bought something else.

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J. G. MONAHAN, District Manager
750 Subway Terminal Building Los Angeles, California
Long Beach Cal. — 1250 Kc.

"Where Your Ship Comes In"
1900 Watts — 2397 Meters — Hancock Oil Station
Owned and Operated by Nichols & Warner, Inc.
120 E. Anacapa St.

CLARENCE CRAZY, Announcer

DAILY EXCEPT SUNDAY

8:30 a.m. — Prew-Telegram, Rincon midnight news.
9:30 a.m. — Smooth music.
9:45 p.m. — Dr. Williams (tuberculosis specialist).
10:00 p.m. — Musical program.
10:30 p.m. — Rebroadcast KFON — Olympic Auditorium.
11:30 p.m. — Organ Recital from New Masonic Temple.

FRIDAY, NOVEMBER 14

12:30 a.m. — Dance music.
1:00 p.m. — Sunday Morning Service.
2:30 p.m. — Press-Telegram, Sunday Emmaus.
3:15 p.m. — Musical program.
4:30 p.m. — Press-Telegram, evening news.
5:15 p.m. — Musical program.

MONDAY, NOVEMBER 11

9:30 a.m. — Studio organ recital.
10:00 a.m. — Angeles Orthopaedic Clinic.
11:00 a.m. — St. Luke's Episcopal Church, Rev. Perry Austin.
12:30 p.m. — Biiel Music Co.
1:30 p.m. — Sangha Club.
2:30 p.m. — Long Beach Municipal Band.
3:00 p.m. — Musical program.
3:30 p.m. — Press-Telegram, presenting Long Beach Municipal Band.

SUNDAY, NOVEMBER 11

9:00 a.m. — Studio organ recital.
10:30 a.m. — Angeles Church Clinic.
11:00 a.m. — St. Luke's Episcopal Church, Rev. Perry Austin.
12:30 p.m. — Biiel Music Co.
1:30 p.m. — Sangha Club.
2:30 p.m. — Long Beach Municipal Band.
3:00 p.m. — Musical program.
3:30 p.m. — Press-Telegram, presenting Long Beach Municipal Band.

TUESDAY, NOVEMBER 12

12:30 a.m. — Musical program.
12:45 p.m. — Piano selections.
1:00 p.m. — Red Seal Recordings.
1:15 p.m. — Jazz Band.
1:30 p.m. — Cotton Club.
1:45 p.m. — Arkansas Traveler.
2:00 p.m. — Varied Musical program.
2:15 p.m. — Concert Orchestra.
7:00 p.m. — U.S. Service Band.
7:15 p.m. — Press-Telegram, presenting Long Beach Municipal Band.
8:00 p.m. — Studio organ recital.
9:00 p.m. — Goodwin Quartet and other entertainers.
11:00 p.m. — Pacific Coast Club Orchestra.

THURSDAY, NOVEMBER 14

1:15 p.m. — Fireside Hour, Clarence Crary.
8:15 p.m. — Press-Telegram, Sunday Emmaus.
9:30 p.m. — Rebroadcast KFON — Olympic Auditorium.
10:30 p.m. — Press-Telegram, Sunday Emmaus.

FRIDAY, NOVEMBER 14

10:00 a.m. — Main event, Wilmington Bowl.
10:30 a.m. — Pacific Coast Club Orchestra.

SATURDAY, NOVEMBER 14

1:00 a.m. — Health and Efficiency, Dr. Elmer S. Clark.
1:15 p.m. — Band Hour.
1:45 p.m. — Accordion and Banjo Records.
2:00 p.m. — Hawaiian and Black Crowes.
2:30 p.m. — "Chrysler Hour.
3:00 p.m. — Musical program from main studio.
4:00 p.m. — Grand Opera, from main studio.
8:15 p.m. — Fireside Hour, Clarence Crary.
8:45 p.m. — Band Hour.
9:15 p.m. — "Chrysler Hour.
10:15 p.m. — Musical program from main studio.
11:00 p.m. — Pacific Coast Club Orchestra.
11:30 p.m. — Organ Recital, New Masonic Temple.

KWTC

Santa Ana, Calif. — 1500 Kc.

Studio at 1104 North Ross St., Santa Ana, California.

"The Garden of Eden Stations"
"Kum 'tew to California"

100 WATTS

WESTERN ELECTRIC INSTALLATION

by Edna Burns Palm, featuring The Delgado Spanish Entertainers with Edward Delgado baritone.

TUESDAY, NOVEMBER 1

6:00 p.m. — Studio program.
6:30 p.m. — Mexican Garden, Pussyfooters,挣钱 Methodists.
7:30 p.m. — Jess Goodman's Sanborn Cord popular program.

THURSDAY, NOVEMBER 1

6:00 p.m. — Studio program.
6:30 p.m. — "Smiling," Eddie Marble's request hour.
7:00 p.m. — "Smiling," Eddie Marble's request hour.
8:00 p.m. — "Hawaii Five-O" with the Bugs, Baritone.
9:00 p.m. — "Hawaii Five-O" with the Bugs, Baritone.
10:00 p.m. — "Hawaii Five-O" with the Bugs, Baritone.

SATURDAY, NOVEMBER 1

6:00 p.m. — Studio program.
7:00 p.m. — "Chrysler Hour.
8:00 p.m. — Main event, Wilmington Bowl.
9:30 p.m. — Main event, Wilmington Bowl.
10:30 p.m. — Pacific Coast Club Orchestra.

FRIDAY, NOVEMBER 14

6:00 p.m. — Spanish Hour.
6:30 p.m. — Al Jasper, "Smiling," Eddie Marble's request hour.
7:00 p.m. — "Hawaii Five-O" with the Bugs, Baritone.
8:00 p.m. — "Hawaii Five-O" with the Bugs, Baritone.
9:00 p.m. — "Hawaii Five-O" with the Bugs, Baritone.
The
POWELL
MODEL 10
See this set at your dealers
Price
$42.50
Complete
Manufactured and Guaranteed by the
POWELL Manufacturing Co.
LOS ANGELES
San Diego, Calif.—600 Kc.

KFSD

1000 WATTS—99.7 METERS

"The Air Capitol of the West"

Telephone Main 6961

TUESDAY, NOVEMBER 13
5:00 p.m.—Dinner concert program.
7:00 p.m.—Valencia Park program.
7:30 p.m.—Studio program.
8:30 p.m.—Southern Title & Trust program.
10:00 p.m.—Jimmie Kerr's Orchestra.
11:30 p.m.—Plaza Real Orchestra.

WEDNESDAY, NOVEMBER 14
5:00 p.m.—KFSD Concert Trio, Leonard Brill, di rector.
7:00 p.m.—Studio program.
7:30 p.m.—Theosophical Concert hour.
8:30 p.m.—Studio program.
9:00 p.m.—State College hour.
10:00 p.m.—Hotel Del Coronado Casino Orchestra.
11:30 p.m.—Bob Larson's Orchestra.

THURSDAY, NOVEMBER 15
5:00 p.m.—Cramer's Baking Co. Trio.
7:00 p.m.—San Diego Police Department program.
8:30 p.m.—feature program.
10:00 p.m.—Jimmie Kerr's Orchestra.
11:00 p.m.—Plaza Real Orchestra.

FRIDAY, NOVEMBER 16
5:00 p.m.—Motor Row, & Equip. hour.
7:00 p.m.—Theosophical Co. hour.
8:30 p.m.—Studio program.
10:30 p.m.—Kerr's Orchestra.

SATURDAY, NOVEMBER 17
6:00 p.m.—San Diego Union and Tribune hour.
7:30 p.m.—Children's hour.
8:30 p.m.—Studio program.
9:00 p.m.—Pantages hour.
10:30 p.m.—Hotel Del Coronado Casino Orchestra.
11:30 p.m.—Plaza Real Orchestra.

Culver City, Calif.—700 Kc.

KFVD

250 WATTS—128.3 METERS

The Official Station of the Radio Advertising Company Operated by the Culver City Broadcast Company

12:00 noon.—Traffic Hints.
12:30 p.m.—Quartet.
1:00 p.m.—Studio program.
10:00 p.m.—Studio program.

TUESDAY, NOVEMBER 13
12:00 noon.—Studio program.
3:00 p.m.—String Ensemble.
10:00 p.m.—Studio program.

WEDNESDAY, NOVEMBER 14
12:00 noon.—Studio program.
3:00 p.m.—String ensemble.
10:00 p.m.—One-set play.
11:00 p.m.—Studio program.

THURSDAY, NOVEMBER 15
10:00 a.m.—Home Economics.
10:30 a.m.—Talk on Latest Books.
12:00 noon.—Traffic Hints.
12:30 p.m.—Quartet.
1:00 p.m.—Studio program.
11:00 p.m.—Studio program.

FRIDAY, NOVEMBER 16
12:00 noon.—Studio program.
3:00 p.m.—String ensemble.
10:00 p.m.—Studio program.

SATURDAY, NOVEMBER 17
9:30 a.m.—Latest recordings.
12:00 noon.—Studio program.
10:00 p.m.—Pop-Eyed Club.

WALTER BIDDICK — Phone WEstmore 9137

"A Complete Radio Program and Announcement Service"
The essential features of these programs are identical with those sent by the stations.

**KFSG**

Los Angeles, Calif.—1120 Kc.

500 Watts—287.7 Meters. Angelus Temple, Echo Park, Fl. 5121

"Four Square Gospel"

3:00 p. m.—Revival service. Rev. Hardy Mitchell.
10:00 p. m.—Music Lovers' Hour, Esther Frick.

**KGER**

Long Beach, Cal. —1370 Kc.
430 Pine Avenue

Phone—912-78

Owned and Operated by C. Marvin Dobyns

7:15 p. m.—Edward Lynn courtesy program—KAPTI
8:00 p. m.—Late news bulletin from the Long Beach Times.
8:15 p. m.—Woman's Musio Club.
9:00 p. m.—Concert Trio.
10:00 p. m.—Majestic Ballroom Orchestra.
11:30 p. m.—Four Horsemen from Dobyns Footwear.
1:00 p. m.—Four Horsemen from Dobyns Footwear.
2:00 p. m.—Concert Trio.
3:00 p. m.—Dance orchestra.
4:00 p. m.—Book Lovers' hour.
5:00 p. m.—Studio program—Evelyn Ford, soprano
6:00 p. m.—City Hymns.

**Almec Semple McPherson**

Founder, President

Roderick H. Morrison

Manager

W. E. Kennedy, Technician

C. N. Tucker

Announcer

AIMEE SEMPLE

McPHerson

Temple Organist

DAILY EXCEPT SUNDAY

7:00 a. m.—Family Altar.
10:00 a. m.—Sunshine Hour.
11:00 a. m.—Monday musical with Esther Friske, organist (except Tuesday).

SUNDAY, NOVEMBER 11

8:30 a. m.—Sunday Morning Worship: Horrie Alford.
2:30 p. m.—Dispersational message.
6:30 p. m.—Levin Bartoli and Angelus Temple Silver Band.
7:00 p. m.—Musical Hour, Temple Choir, Silver Band.

JAY TAPP

Chief Engineer

HARVEY BREWSTER

Announcer

Barth Brewster

Program Manager

CECIL FRY

Announcer

BETHIA L. BREWSTER

Program Manager

HAROLD BENDER

Temple本

**KFSG**

Almec Semple McPherson

Founder, President

Roderick H. Morrison

Manager

W. E. Kennedy, Technician

C. N. Tucker

Announcer

AIMEE SEMPLE

McPHerson

Temple Organist

DAILY EXCEPT SUNDAY

7:00 a. m.—Family Altar.
10:00 a. m.—Sunshine Hour.
11:00 a. m.—Monday musical with Esther Friske, organist (except Tuesday).

SUNDAY, NOVEMBER 11

8:30 a. m.—Sunday Morning Worship: Horrie Alford.
2:30 p. m.—Dispersational message.
6:30 p. m.—Levin Bartoli and Angelus Temple Silver Band.
7:00 p. m.—Musical Hour, Temple Choir, Silver Band.

JAY TAPP

Chief Engineer

HARVEY BREWSTER

Announcer

Barth Brewster

Program Manager

CECIL FRY

Announcer

BETHIA L. BREWSTER

Program Manager

HAROLD BENDER

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**KFSG**

Almec Semple McPherson

Founder, President

Roderick H. Morrison

Manager

W. E. Kennedy, Technician

C. N. Tucker

Announcer

AIMEE SEMPLE

McPHerson

Temple Organist

DAILY EXCEPT SUNDAY

7:00 a. m.—Family Altar.
10:00 a. m.—Sunshine Hour.
11:00 a. m.—Monday musical with Esther Friske, organist (except Tuesday).

SUNDAY, NOVEMBER 11

8:30 a. m.—Sunday Morning Worship: Horrie Alford.
2:30 p. m.—Dispersational message.
6:30 p. m.—Levin Bartoli and Angelus Temple Silver Band.
7:00 p. m.—Musical Hour, Temple Choir, Silver Band.
The essential features of these programs are identical with those sent by the stations.

Portland, Oregon  620 Kc.

SUNDAY, NOVEMBER 11
12:30 a. m.—Service from the Runnells Congregational Church.
1:30 p. m.—NBC.*
2:00 p. m.—Studio concert.
3:00 p. m.—NBC.*
4:30 p. m.—NBC.*
5:00 p. m.—Talk on Mobile Science.
5:15 p. m.—Studio hour.
6:30 p. m.—Studio concert.
7:20 p. m.—NBC.*
8:00 p. m.—Studio concert.
9:00 p. m.—NBC.*
9:30 p. m.—Studio program. Franz Fantasia.
10:00 p. m.—Little Symphony Concert.

MONDAY, NOVEMBER 12
7:45 a. m.—Y.M.C.A. health exercise.
8:00 p. m.—J. K. Williams Company Children’s program.
8:00 p. m.—Concert trio.
8:45 p. m.—Lookout by Richard O. Montgomery.
9:00 p. m.—NBC.*
9:30 p. m.—Studio program.
10:00 p. m.—Ben Stelling’s Boys and Collegiates.

TUESDAY, NOVEMBER 13
9:45 a. m.—Women’s setting-up exercises.
10:00 a. m.—NBC.*
9:30 p. m.—Children’s program. sponsored by J. K. Williams Company.
10:00 p. m.—Office concert.
10:35 p. m.—Thrift talk.
7:00 p. m.—Studio concert.
8:00 p. m.—NBC.*
8:30 p. m.—NBC.*
9:15 p. m.—Children’s program; sponsored by J. K. Williams Company.
10:00 p. m.—Syndicate program. KOMO.

WEDNESDAY, NOVEMBER 14
7:15 a. m.—Y.M.C.A. health exercise.
11:00 a. m.—NBC.*

* See Page 38 for detailed program of National Broadcasting Company.

KEJK
Tel. G.X. 7141
Jean Campbell Macmillan
Librarian
Edmund Lyttel
Studio and Program Director
Kenneth G. Ormiston
Technical Director
Charlene Rusk
Transmission Engineer

DAILY EXCEPT SUNDAY
8:00 a. m.—Red Seal Articles.
9:00 a. m.—Musical program.
2:00 p. m.—KEJK variety matinee with soloists, trio.
3:00 p. m.—Variety matinee.
4:00 p. m.—Studio program (except Tues. and Fri.).
10:00 p. m. to 11:00 p. m.—Concert and musical features (except Fridays).

MONDAY, NOVEMBER 12
2:00 p. m.—Helen Fraser Macmillan, soprano; Tudor Williams, baritone; Edward Jordon, tenor; Macmillan’s Concert Orchestra; KEJK Trio.
9:00 p. m.—Macmillan’s Concert Orchestra and exclusive KEJK artists.

TUESDAY, NOVEMBER 13
2:00 p. m.—Edward Jordon, tenor; Tudor Williams,
November 10
Radio Doings

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

**KGO**
Oakland, California—790 Kc.

5000 WATTS—379.5 METERS
PACIFIC COAST STATION, GENERAL ELECTRIC CO.
Phone Fruitvale 5889
567 Market St., San Francisco

DAILY EXCEPT SUNDAY

9:30 a.m.—California Home Life.
11:00 a.m.—Best Hour, conducted by B. B.
12:00 noon—Luncheon Concert.
12:00 noon, 6:00 p.m., and 10:00 p.m.—Teletype Time.
12:30 and 11:30 p.m.—Stock and weather reports.
4:00 p.m.—Hotel St. Francis Dance Orchestra (except Monday).
5:30 p.m.—San Francisco and New York Stocks (except Wednesday and Saturday).
6:30 p.m.—Dinner Concert.
8:00 p.m.—Sessions Westminster Chimes.
9:00 p.m.—Time signals.

HAROLD MILHOLLAND
Announcer

**SUNDAY, NOVEMBER 11**

11:00 a.m.—Fire, Congregational Church.
1:30 p.m.—NBC.
3:00 p.m.—NBC.
4:30 p.m.—NBC.
7:30 p.m.—NBC.
8:30 p.m.—First Congregational Church.
9:30 p.m.—NBC.
9:00 p.m.—Joseph Henry Jackson, “A Chat About New Books.”

**MONDAY, NOVEMBER 12**

3:30 a.m.—“Everyday Living.” Christina S. Madison.
4:00 p.m.—Hotel St. Francis Concert Orchestra.
6:00 p.m.—Entertainer for the KGO Kiddies’ Club.
7:00 p.m.—NBC.
9:00 p.m.—General Electric program.
10:30 a.m.—Alaskan News Flashes, transmitted by the United Press.
10:45 p.m.—Chrom Time.

**TUESDAY, NOVEMBER 13**

10:30 a.m.—NBC.
6:00 p.m.—“What’s Happening in the World.”
9:00 p.m.—“The Pilgrim.”
10:00 p.m.—“DX Flashes,” Associated Press.

**WEDNESDAY, NOVEMBER 14**

10:30 a.m.—NBC.
8:00 p.m.—Dr. Albertine Richards Nash, consulting psychologist.

*See Page 38 for detailed program of National Broadcasting Company.

KFWI

Chas. L. Peck
General Manager

Michael L. Schneider
Program Director

**DAILY EXCEPT SUNDAY**

7:10 a.m.—Health Exercises by Cal King.
8:30 a.m.—Musical Breakfast program.
6:00 a.m.—Cal King’s Country Store (ex. Mon.).
8:30 a.m.—Charles Glenn; News in Rhyme and Songs of Yesterday.
10:00 a.m.—Musical program, weather forecast.
10:27 a.m.—Weather forecast.
12:00 noon—45 minutes with Glen and Well.
1:00 p.m.—Country Store (ex. Wed. and Sat.).
3:00 p.m.—Brunswick “New Hall of Fame” concert (except Tues. and Sat.).
5:30 p.m.—Dinner Hour program (ex. Tues. & Sat.).
7:00 p.m.—Sports Review by Sport Editor of B. F. Bulfinch.
8:00 p.m.—Studio program.
10:00 p.m.—Police Report of Missing People (except Tuesdays).
10:25 p.m.—Dance music (ex. Tues.).

5:30 p.m.—Sport Review, Al Santoro.
6:00 p.m.—Dinner at Troubadour; Mildred Dodge.
7:00 p.m.—Agricultural program.
7:30 p.m.—Barn program.
8:00 p.m.—The Parisian Quintet.
8:30 p.m.—NBC.
9:30 p.m.—“Concert program.”
10:00 p.m.—NBC.

**THURSDAY, NOVEMBER 15**

11:30 a.m.—Standard Oil educational program.
5:00 p.m.—Tom King detective stories.
6:00 p.m.—Seliching Singers.
7:30 p.m.—NBC.

**FRIDAY, NOVEMBER 16**

10:30 a.m.—NBC.
11:00 a.m.—Byron Mills, baritone.
11:45 a.m.—Hans Martin, “House Economics.”
8:30 p.m.—NBC.
9:00 p.m.—The Olympians.
9:30 p.m.—NBC.
10:00 p.m.—Western Artist Series concert; Jose E. Cortez, bass; Bertha Barst, Holing; Eva Garcia.
11:30 p.m.—NBC.

**SATURDAY, NOVEMBER 17**

5:00 p.m.—Herb Rossin’s Orchestra.
5:30 p.m.—Market reports; news.
9:00 p.m.—Dinner concert.
7:00 p.m.—NBC.

San Francisco—930 Kc.

300 WATTS—922.4 METERS
Radio Enterprises, Inc., 112 Market Street
Telephone Market 1140

**SUNDAY, NOVEMBER 11**

3:00 p.m.—Christian Science lecture.
7:30 p.m.—First Church of Christ, Scientist, services.
9:00 p.m.—Sem клисical program.
10:00 p.m.—Dance music.

**MONDAY, NOVEMBER 12**

8:30 a.m.—Charles Glenn; News in Rhyme and Songs of Yesterday.
10:30 a.m.—“Time’s Dragon.”
12:00 noon—Luncheon program.
6:30 p.m.—Jean Stirling, soprano; Anne Roberts, pianist.
7:15 a.m.—Better Business Bureau of S. F. Advertising Club.
9:00 a.m.—May Josephin-Klenda’s Dramatic Players.
9:30 p.m.—Dance music.

**WEDNESDAY, NOVEMBER 14**

5:00 p.m.—Cecil James, baritone.
6:30 p.m.—Theona Hall, soprano.
7:15 p.m.—B. F. Chamber of Commerce.
9:00 p.m.—Dance music.

**TUESDAY, NOVEMBER 15**

7:30 p.m.—Frank Blank.
8:00 p.m.—Studio program.
9:00 p.m.—Surprise reception.

**THURSDAY, NOVEMBER 15**

9:00 p.m.—Dance music.

**FRIDAY, NOVEMBER 16**

6:00 p.m.—Richard Smith, soprano, and associates artists.
7:30 p.m.—Han Blank.
8:00 p.m.—Studio program.
9:30 p.m.—Mike and Jimmy, Harmony team, and Dennis Lany, pianist.

**SATURDAY, NOVEMBER 17**

8:00 p.m.—Studio program.
9:00 p.m.—Dance music.
Seven Foreign Stations with Sunset Ground

In a recent all night test at Balboa, K. G. Orniston played three Australian and one New Zealand station on an A. C. set, using a Sunset Ground as an aerial. This is not an instance of the wonderful efficiency of this improvised Ground. Receptions is 50% better than with ordinary grounds. Cost only $2.25. Made by the manufacturers of the Sunset Selective Aerial. At all dealers.

SUNSET MFG. CO.
7471 Melrose Ave.
Los Angeles
HEmpstead 4941

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

San Francisco, Calif.—610 Kc.

Owned and Operated by Don Lee, Cal. Dist. for Cadillac & LaSalle
1000 WATTS—45 W. M. EYERS
1000 Van Ness. Telephone Prospect 100

"Keep Forever Radiating Cheer"

3:15 a. m.—Art Fadden, pianist.
4:00 a. m.—Leigh Harline, organist, and Marie Hallen, soprano.
4:30 a. m.—"Tea Time Thro.".
5:20 p. m.—"I'm the Man," interpret by Dr. Louis I. Newman.
5:30 p. m.—Majestic Theater of the Air featuring Moran and Mack, "The Two Black Crows.
7:00 p. m.—Charles Buolot, tenor, Junata Temmynck, soprano.
8:00 p. m.—"I'll Keep My Basin Free."
7:00 p. m.—Robert Olson, song recital.
8:00 p. m.—Robert Olson, song recital.
9:00 p. m.—Charly Gallon and his Roof Garden Orchestra.
10:00 p. m.—"Amos 'n' Andy.
10:00 p. m.—Tom Gernon and his Roof Garden Orchestra.
11:10 p. m.—El Patio Dance Orchestra.

MONDAY, NOVEMBER 12

11:00 a. m.—Mary Lewis, home of domestic science talk.
4:00 p. m.—"Carols for Women" directed by Mathilda Rosenfeld.
5:15 p. m.—Talk by Dr. H. M. F. Bohneman.
7:00 p. m.—San Francisco Call, news Items.
8:20 p. m.—"I'll Keep My Basin Free."
8:30 p. m.—"Sweetheart Hour.
9:00 p. m.—Farewell to former Days.
10:10 p. m.—"Prevent program.

WEDNESDAY, NOVEMBER 14

1:30 a. m.—"Amateur Auditions.
3:00 p. m.—Matinee Concert orchestra.
4:00 p. m.—"Carols for Women" directed by Mathilda Rosenfeld.
4:45 p. m.—"Western Air Express Avaition Talk.
5:30 p. m.—"Mac and his Gang.
6:20 p. m.—"Town Topics.
7:20 p. m.—"Hobby" noted sports authority.
7:00 p. m.—Maynard Quartette and Art Fadden.
7:30 p. m.—Dr. Straske.
9:00 p. m.—"The Santa Candy Stores "Sweetheart Hour.
9:30 p. m.—"Farewell to former Days.
10:10 p. m.—Studio program.

THURSDAY, NOVEMBER 15

11:30 a. m.—Dr. Straske.
4:30 p. m.—"La Belle Marie.
4:30 p. m.—"The Observer" about new books and current topics.
6:40 p. m.—"Marie Marie.
7:00 p. m.—"The Mill and the Mirth and Melody.
8:00 p. m.—KFRG Concert Orchestra.
9:00 p. m.—"Tea Thro Times.
9:30 p. m.—Dr. Straske.

FRIDAY, NOVEMBER 16

11:00 a. m.—"Hints to Home Makers" by Aunt Martha.
6:20 p. m.—"Town Topics.
6:30 p. m.—"Pat Frayne, Sports Editor of the Call.
7:00 p. m.—"Hot 'n' Roast Shoo program.
7:30 p. m.—Dr. Straske.
8:00 p. m.—"Great Ladies.
8:30 p. m.—Shasta Foursome and the Sparklers.
9:00 p. m.—"NBC Air Express".

SATURDAY, NOVEMBER 17

7:00 a. m.—"Simple Fitti" from Seal Rocks, courtesy Dr. Straske.
8:00 a. m.—"Marie Marie.
8:30 a. m.—"Cherry Orchard" by Robert Olsen.
8:30 a. m.—"Nancy Biddle" by Robert Olsen.
10:00 a. m.—"NBC Matinee.
11:30 a. m.—"NBC Matinee.
12:30 a. m.—"NBC Matinee.
3:00 a. m.—"NBC Matinee.
4:30 a. m.—"NBC Matinee.
7:00 a. m.—"NBC Matinee.
8:30 a. m.—KFRG Concert Orchestra and S bravery.
8:45 a. m.—"Hobbies of prominent Men" by Mathilda Rosenfeld.
8:30 a. m.—KFRG Concert Orchestra and others.
November 10

Radio Doings

67

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

San Francisco, Calif.—1230 Kc.

"At the Golden Gate"

1000 WATTS—234 LE METERS

Headquarters at Lover's Wharfie Side

CLAIR MORRISON, Manager RUSSELL SHERWOOD, Pres. Dir.

DAILY EXCEPT SUNDAY

8:10 a. m.—"The K.Y.A. Morning Class," with music and songs.
9:00 a. m.—Rolly Cooks, the "Better Home Girl of K.Y.A.
10:00 a. m.—Musical program (except Tuesday and Friday).
12:15 p. m.—"California Sunshiny Hour;" seven-day news.
12:25 p.m.—News items direct from the Editorial Rooms of the Examiner (except Monday and Thursday).
3:00 p. m.—Bridge party.
4:00 p. m.—Classical program.
5:00 p. m.—Who's Who Program.
6:20 p. m.—News from the Examiner.
8:15 a. m.—The Golden Gate Cryer (except Monday).
9:00 a. m.—Music Going Time Signal.
10:00 a. m.—Variety Time Signal.
10:10 a.m.—Dance Orchestra (except Saturday).

12:10 p.m.—"John Patrick, Melvin & Leo, Hazel & Helen, Dan McLane;"

WEDNESDAY, NOVEMBER 11

11:40 a. m.—Dr. Julian B. Brandon.
2:30 p. m.—Dr. Burren Lee.
4:30 p. m.—Interpretations of Mark Twain.
4:45 p. m.—Classical Reared program.
7:30 p. m.—Studio program.
7:45 p.m.—California Sunshine Boys.
8:00 p.m.—Romantic Hour; Greta & Lucile, and others.
9:30 p.m.—Jack & Vincent, Mildred Dieter, Yvonne Petersen, Jimmie Starr, Jimmie Tolson.

THURSDAY, NOVEMBER 12

12:15 a.m.—Bell Laboratory program.
2:00 p.m.—Dr. Burren Lee.
3:00 p.m.—R. H. Riddle, Tom & Blaine, Hazel & Helen.
4:00 p.m.—Studio program.
5:00 p.m.—"The Chester Trio.
6:00 p.m.—"The Chester Trio.
7:00 p.m.—"The Chester Trio.
8:00 p.m.—"The Chester Trio.
9:00 p.m.—"The Chester Trio.

Oakland, Calif.—1280 Kc.

600 WATTS—234 METERS

Knowledge, Truth and Beauty

Official Pickwick Stage Station

Owned and Operated by the Pickwick Broadcasting Corp.

ADA MORGAN O'BRIEN, Program Director

IRVING KRICK, Announcer

Tenth Avenue Baptist Church, 1110 Tenth Ave.

Telephone Merritt 0216

DAILY EXCEPT SUNDAY

7:00 a.m.—Singing-up Exercises.
9:00 a. m.—Hour of Prayer.
11:30 a.m.—Recordings (except Tuesday).
12:00 noon—Recordings (except Saturday).
12:30 a.m.—Organ Recital; Lea Martin Pomerose.
4:30 p.m.—Tea Hour, Elysian Trio (Official Pickwick Trio).
5:00 p.m.—Recordings.

SUNDAY, NOVEMBER 12

12:10 a.m.—Lunch Hour, Elysian Trio.
1:00 p.m.—Eastman Hour, The Cecilian Trio.
1:20 p.m.—Paula Dunbar and his Joy Hour (except Saturday).
2:00 p.m.—"Our" Dunbar and his Joy Hour (except Saturday).
3:00 p.m.—Recordings (except Saturday).
4:30 p.m.—Tea Hour, Elysian Trio (Official Pickwick Trio).
5:00 p.m.—Recordings.

SUNDAY, NOVEMBER 13

12:10 a.m.—Lunch Hour, Elysian Trio.
1:00 p.m.—Dr. J. Douglas Thompson.
2:00 p.m.—Dr. J. Douglas Thompson.
3:00 p.m.—"Our" Dunbar and his Joy Hour (except Saturday).
4:30 p.m.—Tea Hour, Elysian Trio (Official Pickwick Trio).
5:00 p.m.—Recordings.

SUNDAY, NOVEMBER 14

12:15 a.m.—"Our" Dunbar and his Joy Hour (except Saturday).
1:00 p.m.—Dr. J. Douglas Thompson.
2:00 p.m.—Dr. J. Douglas Thompson.
3:00 p.m.—"Our" Dunbar and his Joy Hour (except Saturday).
4:30 p.m.—Tea Hour, Elysian Trio (Official Pickwick Trio).
5:00 p.m.—Recordings.

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

**KEX**

Portland, Oregon—1180 Kc.

6:00 p.m.—Majestic Theatre of the Air, featuring Arnold Johnson's Orchestra and the Two Black Crows.
7:00 p.m.—United Regulars, ABC.
7:30 p.m.—Novelty Hour, ABC.
7:45 p.m.—American Plan Broadcasting Committee.
8:00 p.m.—American Saloon Orchestra, ABC network.
9:00 p.m.—Weather and Police Reports, Oregon Journal News.

**MONDAY, NOVEMBER 12**

2:30 p.m.—Recording Concert.
4:00 p.m.—Getting Accomplished over the Air.
6:00 p.m.—Vic Meyers' Hotel Butler Dance Orchestra, ABC Network.
8:30 p.m.—Voyage's Mellow Moonlight Concert.
9:00 p.m.—American Saloon Orchestra, ABC Network.
10:00 p.m.—Correct Time, Weather and Police Reports, Oregon Journal News Flashes.
10:45 p.m.—Dance Frollic, Vic Meyers' Columbia Recording Orchestra, ABC Network.

**TUESDAY, NOVEMBER 13**

5:00 p.m.—Durose's Storyteller.
6:00 p.m.—Curtis Garza Gourmet Girl.
8:30 p.m.—Merry Maytas Rambling.
9:00 p.m.—American Saloon Orchestra, ABC Network.

**WEDNESDAY, NOVEMBER 14**

8:00 p.m.—Church of the Nazarene program, EXCEPT SUNDAY, NOVEMBER 11.
8:00 p.m.—Catholic Truth Society Lecture.
8:15 p.m.—Clyde Thompson, Storyteller.
8:30 p.m.—Western Light Opera Company.

**FRIDAY, NOVEMBER 16**

8:30 p.m.—Sports Review, Jimmy Richardson.
8:45 p.m.—Studio program.
8:30 p.m.—O. M. Pimmer.
8:00 p.m.—Bob Magneto.

**SATURDAY, NOVEMBER 17**

2:00 p.m.—Football broadcast.
4:30 p.m.—Bridge Concert, KEX Concert Ensemble.
6:30 p.m.—Mental Comedy Review, ABC Network.
9:00 p.m.—Good Citizenship program.
9:30 p.m.—Novelty Concert, ABC Network.
9:30 p.m.—The Charming Lead Orkett, ABC Network.
10:30 p.m.—Show Boat Frollic, ABC Network.

**KXO**

El Centro, Calif.—1200 Kc.

100 WATTS—240.9 METERS

Owned and Operated by

E. R. IREY and F. M. BOWLES

100 feet below Sea Level on the top floor of the Chamber of Commerce Bldg.

11:00 a.m.—Merry Sunshine Hour.
12:00 noon.—Fishly-Wiggl all over the world.
1:00 p.m.—Old Timers' Nite. Old requests.
7:00 p.m.—The latest musical hits.
8:30 p.m.—Old Timers' Nite. Second request hour.
9:00 a.m.—Optional.

**WEDNESDAY, NOVEMBER 14**

6:00 p.m.—Just a Song at Twilight.
7:00 p.m.—Johnsen-Grutes Co.
8:00 p.m.—Variety Request Hour.
8:30 p.m.—R. H. Delano Hour.

**THURSDAY, NOVEMBER 15**

11:00 a.m.—Merry Sunshine program.
6:00 p.m.—Just a Song at Twilight.
7:00 p.m.—Mamas Motor; Edgar Bros, Hour.
9:00 p.m.—Three hours of good dance numbers, with a sprinkling of popular song hits of the day.

**FRIDAY, NOVEMBER 16**

8:00 p.m.—Sunset Glow program. City of Imperial Merchants.
7:00 p.m.—Valley Lumber Co. John Deere Co.
8:00 p.m.—Musical request program.
9:00 p.m.—Sanborn and Gold House, Richfield Oil Co.

**SATURDAY, NOVEMBER 17**

11:00 a.m.—Merry Sunshine Hour.
12:00 noon.—Kiddie's request. I. V. MILK Producers Association, Bollittes.
Aristocrat Model
beautiful butt burl walnut cabinet finished in two tones.
For A-Battery Operation $60
For AC Operation $70

Los Angeles Wholesale Distributors
C. C. LAWTON CO.
1125 Wall St.
SPLITDORF BETHLEHEM CO.
727 Venice Blvd.

Studio Realism

LEO J. MEYBERG CO.
1022 Wall St.
WESTERN RADIO, INC.
1224 Wall St.
### Seattle, Washington — 970 Kc.

5000 WATTS—301.1 METERS. Phone Main 2475

Operated by the American Broadcasting Co., 604 Home Savings Building, 1229 Westlake Ave.

Robert Nichols, Senior Announcer, Royal Forbes, Studio Director.

Arthur L. Farn, Program Director.

John Marsh, Program Manager, Clarence Clark, Engineer.

**DAILY EXCEPT SUNDAY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Departure</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:15 a.m.</td>
<td>Viva, Vigor and Vitality.</td>
</tr>
<tr>
<td>7:15 a.m.</td>
<td>Breakfast News.</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>The Golden Hour Orchestra.</td>
</tr>
<tr>
<td>9:30 a.m., 12:00 noon and 10:00 p.m.</td>
<td>Pacific Standard Time Signals.</td>
</tr>
<tr>
<td>9:45 a.m.</td>
<td>Mary Cooke, KJR Better Homes Girl.</td>
</tr>
<tr>
<td>9:45 a.m.</td>
<td>Devotional Service.</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>KJR Characteristic Hour.</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>KJR Dream House.</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Variety Program.</td>
</tr>
<tr>
<td>12:00 noon</td>
<td>ABC Revelers, News.</td>
</tr>
<tr>
<td>12:30 p.m.</td>
<td>American Saloon Orchestra, under direction of Francisco Louna (ex. Bilt).</td>
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</tbody>
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**SUNDAY, NOVEMBER 11**

<table>
<thead>
<tr>
<th>Time</th>
<th>Departure</th>
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</thead>
<tbody>
<tr>
<td>1:30 p.m.</td>
<td>Song Recital.</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>American Saloon Orchestra.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>The Golden Hour Orchestra.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>American Saloon Orchestra.</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Cathedral Hour.</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>Majestic Theater of the Air.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>Peter Merimemia, violin.</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>Novelty program: Murray and Harrig: Show Boat Band.</td>
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<tr>
<td>8:00 p.m.</td>
<td>American Saloon Orchestra.</td>
</tr>
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**MONDAY, NOVEMBER 12**

<table>
<thead>
<tr>
<th>Time</th>
<th>Departure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 p.m.</td>
<td>—Studio program.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>—Studio program.</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>ABC Artistic Ensemble.</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>—Studio program.</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>—Self-study program.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>—Melodies and Memories; the Reveler Hour, Helen Hoover, soprano; Hayden Morris, basso.</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>—Song Recital: G. Donald Gray and Sydney Dixon.</td>
</tr>
</tbody>
</table>

**TUESDAY, NOVEMBER 13**

<table>
<thead>
<tr>
<th>Time</th>
<th>Departure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 p.m.</td>
<td>—Study program.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>—Study program.</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>—Study program.</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>—Service.</td>
</tr>
<tr>
<td>7:00 p.m.</td>
<td>—Bob Shuler’s Prolific Questions.</td>
</tr>
</tbody>
</table>

**WEDNESDAY, NOVEMBER 14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Departure</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 p.m.</td>
<td>—Study program.</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>—Study program.</td>
</tr>
<tr>
<td>6:00 p.m.</td>
<td>—Study program.</td>
</tr>
</tbody>
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### Los Angeles, Calif. — 1300 Kc.

1000 WATTS—230.8 METERS

TRINITY METHODIST CHURCH.

**ROR SHULER, Pastor.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Departure</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 p.m.</td>
<td>—The Eldred Man and Thelma Green.</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>—John Unfried and Thelma Green.</td>
</tr>
<tr>
<td>7:45 p.m.</td>
<td>—Dean Haney and Thelma Green.</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>—Bob Shuler’s Question Hour.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>—Raymond N. Schutten, concert pianist.</td>
</tr>
<tr>
<td>9:30 p.m.</td>
<td>—Trinity Ensemble.</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>—Study musical.</td>
</tr>
</tbody>
</table>

**WEDNESDAY, NOVEMBER 14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Departure</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 p.m.</td>
<td>—Miscellaneous Musical program.</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>—Mr. Moore in Gospel songs.</td>
</tr>
<tr>
<td>7:30 p.m.</td>
<td>—Outcry Bible Class.</td>
</tr>
<tr>
<td>7:45 p.m.</td>
<td>—Union Rescue Mission.</td>
</tr>
<tr>
<td>8:30 p.m.</td>
<td>—Robert Shuler’s Revelations Discussion.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>—Old Songs Quartet.</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>—Volunteers of America.</td>
</tr>
<tr>
<td>10:30 p.m.</td>
<td>—The Eldred Man.</td>
</tr>
</tbody>
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**THURSDAY, NOVEMBER 15**

<table>
<thead>
<tr>
<th>Time</th>
<th>Departure</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 p.m.</td>
<td>—Madden Morgan-Metro Studios.</td>
</tr>
<tr>
<td>6:30 p.m.</td>
<td>—Gertrude and Freda Custis.</td>
</tr>
<tr>
<td>7:20 a.m.</td>
<td>—Dr. Fredus Nelson Peters.</td>
</tr>
<tr>
<td>7:30 a.m.</td>
<td>—Lena Silver Lake, Indian soprano.</td>
</tr>
<tr>
<td>8:00 p.m.</td>
<td>—Bob Shuler’s Civic Hour.</td>
</tr>
<tr>
<td>9:00 p.m.</td>
<td>—Girls’ Corner Club.</td>
</tr>
<tr>
<td>9:10 p.m.</td>
<td>—South Park Christian Church Bene.</td>
</tr>
<tr>
<td>10:00 p.m.</td>
<td>—Study Musical.</td>
</tr>
</tbody>
</table>
The essential features of these programs are identical with those sent by the stations.

KOMO
Seattle, Wash.—920 Kc.
FISHER'S BLEND STATION 325.5 METERS
METROPOLITAN CENTER, SEATTLE
Telephone Elliot 8889
DAILY EXCEPT SUNDAY

10:00 a. m.—Inspirational Services.
11:00 a. m.—M. C. A. Health Exercises.
10:30 a. m. —"What to Prepare for Dinner."
11:00 a. m.—Organ Music; solos, etc. (except Tuesday).
12:00 noon.—Farm Flashes, Grain Reports, Money News (except Mondays).
12:30 p. m.—"Constance Cook" and Rhona Marshall.
1:00 p. m.—Totem Concert Orchestra and Solistas.
4:45 p. m.—Silent Period.
5:00 p. m.—Kiddies Program.
5:30 p. m.—Stocks and Bonds, News.
6:00 p. m.—Totem Orchestra and solistas (except Monday and Friday).
7:00 p. m.—W. B. C., Longtime Time Signal.
10:00 p. m.—Totem Dance Orchestra. Late news flashes (except Saturday).

*See Page 38 for detailed program of National Broadcasting Company.

KPCB
Seattle, Wash.—1210 Kc.
"The Snowflake Station"
Owned and Operated by The Pacific Coast Circuit Co.
100 WATTS—247.8 METERS
Central Building, Ma. 7997

LEWIS D. GREENWAY
Manager-Announcer
Florence E. Wallace
Program Director
John R. Hill
Technician

DAILY EXCEPT TUES., THURS. AND SAT.
8:00 a. m.—Early morning concert.
8:30 a. m.—Musical program.
10:00 a. m.—Program of the Red Rock Creanery.
10:30 a. m.—Crescent Baking Powder hour.
11:00 a. m.—Popular concert numbers.
11:30 a. m.—Musical program.
12:00 noon—Luncheon hour concert.
1:00 p. m.—Program of the Covey Laundry Service.
1:30 p. m.—Pacific Coast Lumber Company.
2:30 p. m.—Program sponsored by Red Rock Creamery.
3:30 p. m.—Centennial Hill hour.
3:30 p. m.—Musical program.
4:30 p. m.—Recipe hour.
4:15 p. m.—Shopping Hints.

SUNDAY, NOVEMBER 11
11:00 a. m.—Concert program.
7:30 p. m.—Request program.

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

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

KHQ
Spokane, Washington—590 Kc.

1000 WATTS—508.2 METERS
LOUIS WASMER, INC., Standard Stock Exchange Bldg.
Telephone Main 4442

DAILY EXCEPT SUNDAY
7:00 a.m.—Bailey's Period of Plop and Callathetics (except Wednesday).
7:30 a.m.—Schults Musical Clock (except Wednesday).
8:15 a.m.—Musical Program (except Wednesday).
8:30 a.m.—Inland Empire Road Reports (except Wednesday).
9:00 a.m.—Household Services, Tull & Gibbs (except Wed. and Friday).
10:00 a.m.—Babe Leight's Hour with Women.
11:00 a.m.—Farmers' Service Hour (except Tuesday).
12:00 noon.—The Diamond Hour (except Tuesday).
12:30 p.m.—The Majestic Twins (except Tuesday).
1:00 p.m.—Miss Modern.
1:30 p.m.—Put Facts.
3:00 p.m.—Koster Concert.
3:30 p.m.—National Savings Thought.
4:00 p.m.—Paint o' Mine Period.
4:30 a.m.—Bailey's Concert.
5:00 a.m.—Service Hour (except Friday).
5:30 a.m.—Mahan Merritt's Concert Orchestra.

SUNDAY, NOVEMBER 11
10:30 a.m.—Children's Sunday School Program.
11:30 a.m.—Central Methodist Episcopal Church Program.
5:30 p.m.—Bailey's Concert.
5:30 p.m.—International Bible Students.
10:30 p.m.—City Service Little Symphonies.

MONDAY, NOVEMBER 12
6:00 a.m.—Mahan Merritt's Concert Orchestra.
6:30 a.m.—The Dough Boys.
7:45 a.m.—NBC.*

TUESDAY, NOVEMBER 13
10:30 a.m.—NBC.*
11:30 a.m.—Farmers' Service Hour.
12:00 noon—Commerce Lunchon.
2:00 p.m.—The Majestic Tenor and His Band.
6:30 p.m.—The Dough Boys.
7:00 p.m.—Musical Programs.
8:30 a.m.—NBC.*
9:30 a.m.—Golconda Orchestras.
10:00 a.m.—Mahan Merritt and his Orchestras.

WEDNESDAY, NOVEMBER 14
11:30 a.m.—NBC.*

*See Page 33 for detailed program of National Broadcasting Company.

KGA
Spokane, Wash.—1470 Kc.

Operated by the American Broadcasting Co., located in the Sun Life Assurance Buildings

H. E. Studebaker
Studio Manager
CARRIG ANDREW
Announcer

DAILY EXCEPT SUNDAY
6:45 a.m.—ABC choir setting up exercises.
9:00 a.m.—12:30 noon; 7:00, 10:00 and 12:00 p.m.—Time Signals.
9:00 a.m.—Betty Cooke, KGA Better Home Girl.
10:00 a.m.—Classical Recordings.
10:15 a.m.—Nursing Music for Hospitals.
11:00 a.m.—Shopping Service; Musical Dietetic Talk.
12:00 noon—Time; Weather; Garden Notes.
12:10 a.m.—Livestock Quotations.
12:18 a.m.—Logan & Ryan Grain Quotations.
12:30 p.m.—Musical Programs.
1:00 p.m.—Van Andle Hoffman Music Co.
1:30 p.m.—Musical.
4:00 p.m.—Van Andle Hoffman Music Co.
4:30 p.m.—Business Announcements.
5:00 p.m.—Uncle Andy's Half Hour with Kiddle.
5:30 p.m.—Bulliner's Trio.
6:00 p.m.—Weather Forecast.
6:00 p.m.—Dinner Hour Concert.
7:00 p.m.—A. B. G. Chain (except Wednesday).

SUNDAY, NOVEMBER 11
5:30 p.m.—Dinner Hour Concert.
11:00 a.m.—First Presbyterian Church services.
2:00 p.m.—ABC program.
8:00 p.m.—Majestic Theatre Hour.

SUNDAY, NOVEMBER 12
8:00 a.m.—The Resumes Hour.
8:00 p.m.—Vivien Kiernan's Dance Orchestra.
9:00 p.m.—ABC, Song Recital; G. Donald Gray and Sydney Dixon.
9:30 p.m.—ABC; Vic Meyers' Dance program with Harold Weeks.
10:30 p.m.—Show Best Frolic.

FRIDAY, NOVEMBER 13
7:00 p.m.—ABC Network.
9:00 p.m.—Simpson's Old Timers.
9:30 p.m.—ABC, American Salon Orchestra.
10:00 p.m.—Simpson's Old Timers.
11:00 p.m.—Musical program.

WEDNESDAY, NOVEMBER 14
7:00 p.m.—ABC, American Salon Orchestra.
8:00 p.m.—Studio program.
8:30 p.m.—ABC, Song Recital.
9:00 p.m.—ABC, American Salon Orchestra.
10:00 p.m.—Van Andle Hoffman program.
11:00 p.m.—Musical program.

THURSDAY, NOVEMBER 15
7:00 p.m.—ABC, American Salon Orchestra.
8:00 p.m.—ABC Artistic Ensemble.
9:00 p.m.—ABC, American Salon Orchestra.
10:30 p.m.—Studio program.

FRIDAY, NOVEMBER 16
7:00 p.m.—ABC, American Salon Orchestra.
8:00 p.m.—Melrose Boys; Studio program: Dance Orchestra.
9:00 p.m.—ABC, American Salon Orchestra.
10:00 p.m.—Judson Mathur, organ recital.
11:00 p.m.—Studio program.

SATURDAY, NOVEMBER 17
12:30 p.m.—Talk on Esperanto.
7:00 p.m.—ABC, the Resumes Hour.
8:00 p.m.—Vivien Kiernan's Dance Orchestra.
9:00 p.m.—ABC, Song Recital; G. Donald Gray and Sydney Dixon.
9:30 p.m.—ABC; Vic Meyers' Dance program with Harold Weeks.
10:30 p.m.—Show Best Frolic.
Radio Doings

November 10

**Stop A.C. Noise!**

ALL over the country they are praising this wonderful improvement that blocks out line interference noise and radio frequency disturbances. Plug in a Falck Claroceptor between your receiving set and wall socket. You won’t get any more of that man-made “static” from motors, street cars, telephones, electrical appliances, etc. An absolute necessity to clear reception in some locations. Also improves selectivity and distance.

A Falck Claroceptor requires no changes in your set. Measures just 3½x5½x2½ inches. Tested, proved. Get one right away—only equipment of its kind. At radio parts dealers, or write to factory for new descriptive folder FREE.

$7.50 complete with cord and plug

**Falck CLAROCEPTOR**

Manufactured by ADVANCE ELECTRIC CO.
1254 W. Second St., Los Angeles

JOBBERS AND DEALERS, GET OUR PROPOSITION

---

**Gilfillan Contest**

The exciting Gilfillan Radio slogan contest came to an end on October 27. For several weeks Gilfillan Brothers have been putting on a very enjoyable organ program over KNX from 6:30 to 7; they announced that the winner of a ten-word or less slogan which would most adequately describe the marvelous Gilfillan Tone would receive one of their new models free of all cost.

Many thousands of letters were received and it took many hours for the committee to make their decision as to the most appropriate slogan, which according to the rules must be on Gilfillan Radio tone. The writer of the winning slogan was Miss M. A. Foshay, 2022 West Adams street, Los Angeles. Miss Foshay is the principal of the Twenty-fourth street school and has lived in Los Angeles for many years. She is an ardent music lover and her ability to grasp the fundamental thought with regard to the rich Gilfillan tone enabled her to write the winning slogan, which is: “Gilfillan Radio Unique—Alone with Its Golden Over-Tone.”

A new model 44 was delivered to Miss Foshay at her home address on October 28. She is shown above with it. Miss Foshay was the happiest person in Los Angeles to know that she was the winner of such a beautiful radio with “Its Golden Over-Tone.”
Timely Trade Topics

C. W. Smith, manufacturer of the well-known line of Royale cabinets, reports that the demand for the complete line is rapidly increasing. These beautiful cabinets met with instant approval with both the trade and the radio public. Mr. Smith is increasing his manufacturing facilities so that he can take care of the large quantity of orders that are being placed.

Ed. W. Watkins, well-known president of the Electric Supply Company, 370 Eleventh street, Oakland, Calif., has gone in strong for the mail order business. He will soon be off the press with five thousand new catalogs, and states that he will be glad to send one of these catalogs to any dealer in the West who writes in and requests one.

The Stromberg-Carlson Company has opened up a new warehouse and office at 766 East 12th street—phone Westmore 0116—under the management of Mr. R. E. Stone.

Q and A

(Continued from Page 18)

great many stations throughout the United States. The tone of the set might be improved, I believe, and hence this Inquiry.

G. W. H., Los Angeles.

ANSWER—Yes. Your set is an old one, and there have been some very decided improvements in the matter of audio amplification recently which will enable you to obtain modern tone quality by rebuilding the audio end of your set. The Clough audio system is an outstanding example of how the new conception of fine tone quality may be obtained at moderate cost. The transformer you mention (they are not really transformers, but are called such for the want of a better name) would give your a quality equal to the best of modern sets, providing the proper B and C voltages are used and a good speaker. The circuit diagram was given in the October 27th issue of Radio Doings.

Work is progressing on the new building being erected for the Powell Mfg. Co., manufacturers of power units, transformers and the "Powell 10" all electric receiver.

The Atlas Coil Co., manufacturers of the Atlas power amplifier, are now occupying their new manufacturing plant at 1916 East Colorado street, Pasadena, Calif., and are now in full production on their various types of power amplifiers.

DX Club

(Continued from Page 45)

Canadian stations: CNRV, CKGW.
Australian station: 2BL.
The majority of these stations have been logged in the last two weeks; have only had my set three weeks, but was used to operating Radiola, having used one of the Radiola 17's before getting the 60 Superhet. Have tested several types of aerials, but have obtained best results from an indoor type, using forty feet of No. 22 double cotton covered copper wire, run behind the picture molding; also underground type has given very good results, all six of the Japanese stations coming in clearly on this type.

Yours for "More and Better DX."
O. L. AU BUCHON,
Box 296, Encanto, Calif.

DX Club:

I enjoy reading your little book, and especially the DX letters. I have a Sonora AC set and so far have received the following stations this month: KOIL, KSL, KPO, KGW, KFRC, KEX, KTAB, KFWI, KOB, WENR, WBRM, KFRN, KOMO, WSXAL, KMMJ, Got JOBK, 3 a. m., October 23. I have written to them to get it verified.

Yours for more DX.
JAMES M. CAMERON.
728 W. Popular St., Compton, Cal.
Salt Lake, Utah—1130 Kc.

5000 WATTS—265.3 METERS

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

KSL

Earl J. Glade
General Manager
Louis L. Lacey
Program Director
John N. Cope
Technical Director
Roosevelt G. Grover
Chief Announcer

EARLE J. GLADE
DAILY EXCEPT SUNDAY

8:30 a.m.—Revelle.
9:45 a.m.—"Moments with the Melody Makers."
10:00 a.m.—Setting-up exercises.
11:15 a.m.—Songs of Romance.
12:30 a.m.—Repetition of setting-up exercises.
1:35 a.m.—Newscasting.
7:00 a.m.—Inspirational period.
7:15 a.m.—Morning matinee of instrumental ensembles.
8:00 a.m.—Items of interest to Madison.
8:30 a.m.—Late popular song hits.
9:00 a.m.—Ill-igitls of the Styles.
9:30 a.m.—Helen Webster.
10:00 a.m.—Beauty culture discussion.
10:30 a.m.—Anna Sammy's Housekeeper's Chat.
11:30 a.m.—"Mid-day Melange."
11:30 a.m.—"Agricultural Economics.
11:45 a.m.—"Tazooe Burh." 
11:45 a.m.—"The Development of American Music."
2:00 p.m.—An Hour with the Classics.
2:30 p.m.—Uncle Royal and the Tiny Tots.
4:00 p.m.—"Te Olde Towne Crew."

SUNDAY, NOVEMBER 11

11:00 a.m.—Informal studio program.
12:00 noon—International Bible Students Association.
1:00 p.m.—Mormon Tabernacle services by direct wire.
2:30 p.m.—Studio program.
2:30 p.m.—"The Peaceful Cronies."—NBC.
6:30 p.m.—First Presbyterian Church.
7:30 p.m.—Community Hour.
8:00 p.m.—L. D. S. services from the studio.
9:00 p.m.—"Utah Loud Speakers" and Melody Trio.

MONDAY, NOVEMBER 12

6:30 a.m.—Ray Bradford's Saxophone Sextet, and Ruth Bergman.

San Jose, California—1010 Kc.

KQW

FRED J. HART

DAILY EXCEPT SUNDAY

10:00 a.m.—"The Helpful Hour.
12:00 Noon—News Items.
12:30 a.m.—Farm Market Report.
1:00 a.m.—Hart's Store hour.
2:50 a.m.—"The Friendly hour.
2:30 p.m.—Fanchons Style Chat.
2:30 p.m.—Second Street Musical Hour.
4:00 p.m.—Sunshine Hour with W. K.
6:00 p.m.—"Aunt Sammy talks: Home Economics (ex. Saturday).
7:30 p.m.—"Pal's Big Brother Hour (ex Saturday).
8:00 a.m.—U. S. D. A. Farm School.
6:30 a.m.—Farm market reports and weather.
6:30 a.m.—Farmers' Exchange.
7:30 a.m.—Crop Digest.
6:30 a.m.—Farm Market Report and Weather.
6:30 a.m.—Farmers' Exchange.
8:30 a.m.—Crop Digest.

FRED J. HART

SUNDAY, NOVEMBER 11

10:15 a.m.—Sunday School lessons by Fred J. Hart.
11:00 a.m.—Morning service, First Baptist Church, conducted by Rev. Harold E. Barton.
7:30 a.m.—Evening service, First Baptist Church.
3:00 p.m.—County Forum, Root, B. Sproul, speaker.

MONDAY, NOVEMBER 12

7:00 a.m.—Calif. Farm Bureau Evening Radio News.
8:00 a.m.—San Jose State College Glee Club.
9:00 a.m.—Yocksas program.

TUESDAY, NOVEMBER 13

7:00 a.m.—Calif. Farm Bureau Evening Radio News.
8:00 p.m.—"You Never Can Tell.

WEDNESDAY, NOVEMBER 14

7:00 a.m.—Calif. Farm Bureau Evening Radio News.
8:00 a.m.—Sonton Ride Oran Real.

FRIDAY, NOVEMBER 16

7:00 a.m.—Farm Bureau Evening Radio News.
8:00 a.m.—California High School program.

SATURDAY, NOVEMBER 17

7:00 a.m.—Farm Bureau Evening Radio News.
DENVER, COLORADO—830 Kc.

1250 WATTS—361-2 METERS GENERAL ELECTRIC COMPANY

"Rocky Mountain Broadcasting Station"

DAILY EXCEPT SUNDAY

10:30 a.m.—Farm and Home Hour.
11:00 a.m.—Time-Signals.
11:30 a.m.—Weather, Stocks, etc.
11:45 a.m.—Organ Recital.

8:00 a.m.—Nick Paliiz and his Apollo Ball Room Band.
8:30 p.m.—Hotel Manager Orchestra, NBC.

WEDNESDAY, NOVEMBER 14

11:30 a.m.—ROA hour, NBC.
12:00 a.m.—Brown Palace Hotel Orchestra.
5:00 p.m.—Indiana Troubadours, NBC.
6:00 p.m.—Palm Cove Hour, NBC.
7:30 p.m.—ROA Mixed Quartet.
8:00 p.m.—The Variety Shop.
8:30 p.m.—ROA Orchestra.
9:00 p.m.—Nick Paliiz and his Apollo Ball Room Band.

THURSDAY, NOVEMBER 15

2:45 a.m.—Denver Community Chest.
3:00 a.m.—Recipe Day.
3:30 a.m.—Thursday Afternoon Musical.
3:30 p.m.—The Morning Post Stylogram.
3:45 p.m.—Musical program.
5:30 p.m.—Cosmopolitan Hotel Orchestra.
6:00 p.m.—Suburban Singers, NBC.
6:30 p.m.—Maxwell House Coffee Hour, NBC.
7:00 p.m.—Haley Smart, NBC.
7:30 p.m.—Extension Service, Colorado Ag. College.

FRIDAY, NOVEMBER 16

8:00 a.m.—ROA hour.
9:00 a.m.—ROA Shopping Hour.
2:45 a.m.—Denver Community Chest.
3:00 a.m.—Recipe Day.
3:30 p.m.—Housewives’ matinee.
5:30 p.m.—Hotel Aurora, NBC.
6:00 p.m.—Writer Review, NBC.
7:00 p.m.—Kappa, NBC.
7:30 p.m.—Answers on Financial Questions.
7:30 p.m.—The Solitaire Serenaders.
8:05 p.m.—Vincent Lopez and Orchestra, NBC.
8:00 p.m.—The Music Album—bird songs.
9:30 p.m.—The Artist’s Studio—Treason.
10:00 p.m.—Nick Paliiz and his Apollo Ball Room Band.

SATURDAY, NOVEMBER 17

4:30 p.m.—Vincent Lopez and his Hotel St. Regis Dance Orchestra, NBC.
4:45 p.m.—The World’s Business.
5:30 a.m.—Program of Intercollegiate Sunday School Lessons.
5:00 p.m.—Doctor hour, NBC.
7:00 p.m.—World Strike hour, NBC.

Makers of Highest Quality Condensors and Resistors that are built

— To

Endure.

Write for the Research Worker, a free monthly publication.

A post card puts your name on the mailing list.
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THE PACIFIC COAST'S GREAT RADIO WEEKLY
DELIVERED TO YOUR HOME 52 WEEKS
FOR ONLY $3.00—SAVE $2.20

Radio Doings, 407 East Pico Street, Los Angeles, California:
Enclosed is $3.00. Please mail Radio Doings each week for one year to my address.

Name: ___________________________
Address: _________________________
Power for Your Radio at Less Expense

and the best possible reception besides . . . are fully assured with

RAY-O-VAC

RADIO BATTERIES

Ray-O-Vac Radio Batteries meet every demand of thoughtful radio owners.

(1) They provide splendid reception. (2) Their new low prices make it possible for any radio set owner to use the BEST batteries made, instead of inferior unknown brands.

There is no gamble in buying Ray-O-Vacs.

Ask Your Dealer

FRENCH BATTERY COMPANY
737 Terminal St., Los Angeles
First Ave. S and Walker St., Seattle
625 Third St., San Francisco
And now you can obtain the popular Model 236 Console equipped with the FAMOUS JENSEN DYNAMIC SPEAKER

**Model 236**

- as shown equipped with Magnetic Speaker
- **Price** $165.00
  - Less Tubes

**Model 236**

- with Jensen A.C. Dynamic Speaker
- **Price** $185.00
  - Less Tubes

Surely an outstanding value. Think of being able to obtain the APEX ALL ELECTRIC NEUTRODYNE, housed in this beautiful walnut cabinet, equipped with the best Dynamic Speaker obtainable—THE JENSEN—at the remarkably low price of $185.00.

*See Any Authorized Apex Dealer*
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