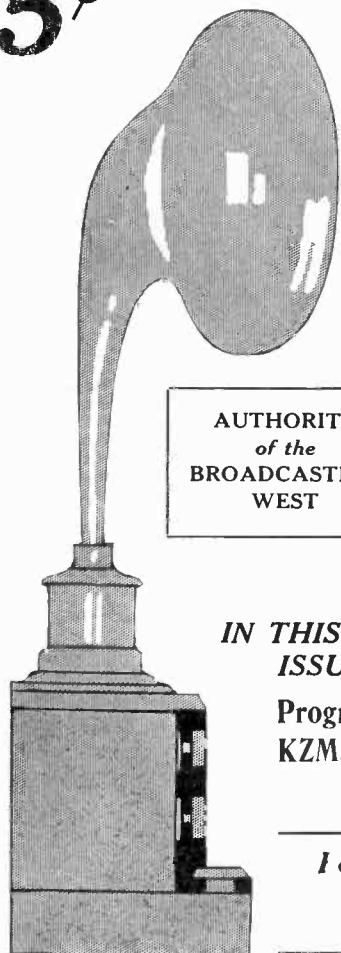


# BROADCAST PROGRAM

5¢

for PACIFIC COAST



AUTHORITY  
of the  
BROADCASTING  
WEST

IN THIS  
ISSUE—

Programs KPO, KLS, KFI, KLX, KHJ, KFBK, KRE,  
KZM, WMAQ, KGW, WBAP, WOC, WDAF, WHB

And all the worth while broadcast news



Right—John S. Daggett, "Uncle John" of KHJ, the "Times," Los Angeles. Left—D. P. Gibbons, radio author and inventor of the well known Gibbons Receiver.

"Uncle John" takes pride in introducing one of his songsters to the radio author. Three of these birds, "Kindness," "Happiness" and "Joy," are oftentimes on the program at KHJ.

Issued—

April 22nd to 28th

*Mr. Amateur Experimenter*

## **Is Your Receiving Set as Good as it Should Be?**

**Does it receive clearly? Or does it sound like a menagerie at  
feeding time?**

There are reasons for all distortions in radio reception

***WE KNOW THE REASONS***

***AND WE ARE PREPARED TO SHOW YOU HOW TO GET  
THE MOST OUT OF YOUR RECEIVER***

***The Radio Center Mechanics' School***

**Operated by Tavers and Durum (formerly of AGI)**

**Will teach you how to rebuild old, unsatisfactory sets into reliable,  
efficient receivers and how to build new sets of all types.**

**THEORY AND CONSTRUCTION is taught in a new, unique way  
that adds pleasure to this fascinating study**

**CONSTRUCTION CLASSES—Mondays, Wednesdays and Fridays, 7:30 to 10 P. M.**

**LECTURES AND CIRCUIT DEMONSTRATIONS—Tuesdays, 7:30 to 8:30 P. M.**

**\$2.<sup>50</sup> Per Month**

**Come in and see our new class room and find out what we are  
doing for the amateurs of this city**

**The H. Earle Wright Co.**

**131-133 Eighth Street**

**The Home of "Radio Center"**

**SAN FRANCISCO, CAL.**

# BROADCAST PROGRAM

*PUBLISHED WEEKLY BY*

**PACIFIC RADIO PUBLISHING CO., Inc.**

**Pacific Building, San Francisco**

*Telephone Douglas 136*

**Published Under the Auspices of PACIFIC RADIO TRADE ASSOCIATION**

**Vol. 1**

**San Francisco, April 21, 1923**

**No. 22**

---

## EDITORIAL

Notwithstanding repeated statements from Washington that advertising via radio is not approved, there is considerable current comment as to the possibility of using the educational power of broadcasting to direct the buying habits of the people. To prostitute the wonderful powers of this new agency to such base ends is to kill it. Just as the high class moving picture houses have been forced by public opinion to discontinue the use of advertising slides, so would any big broadcasting station be obliged to discontinue any attempt to use radio for direct advertising. The people would not listen.

As it is, they chafe under the indirect advertising incidental to announcing the name of the station or the performers. To try to interlard musical programs with announcements of sales will cause the listener to shut off his set. The nuisance of interpolating advertising slides between the parts of a movie displayed in waiting rooms would be magnified tenfold if some clever ad writer could induce a baritone to sing "Twas three o'clock in the morning as I slept on my rest-easy mattress" or "On the road to Mandalay use Blinkem's glareless light."

# N O W

---

*IN OUR NEW LOCATION*

## 1403 Bush Street

(Corner Polk and Bush, San Francisco)

---

*Every day in every way the world  
is growing smaller and smaller  
through radio*

*Every day in every way WE are  
growing larger and larger through  
radio*

---

We invite you to visit our new store and inspect our line of superior  
radio equipment

---

ALL OF THE REAL GOOD RADIO  
SETS ARE CARRIED IN STOCK

---

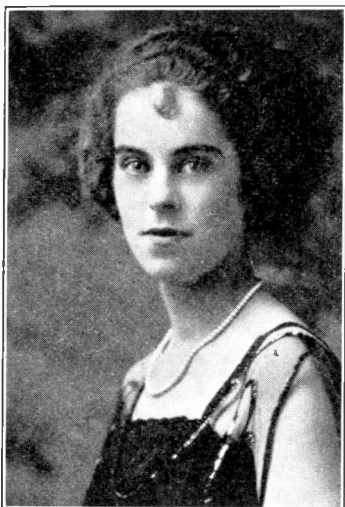
*An Exclusive Radio Store*

---

### Miller-Taylor Radio Co.

C. E. MILLER

H. M. TAYLOR

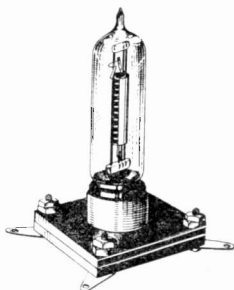


Miss Wimmer Bonner, San Mateo's most popular contralto, has been secured to sing for the KPO radio station on Thursday evening, April 26, between 8:00 and 10:00 o'clock. Miss Bonner had adopted dancing as her chosen career before she discovered she had this marvelous voice. She has sung and danced quite extensively throughout California, having just finished engagements in Fresno and Oakland. Miss Bonner is an artist pupil of Andre Bogart and a brilliant future is predicted by her teacher.



L. W. McGlaufflin, San Francisco artist of musical instruments who entertained radio fans over Radio KLS last Friday evening, April 20.

This was his second appearance at this studio. Mr. McGlaufflin is a very talented musician. He plays the tuba, violin, mandolin, accarina and the piano. All of his popular selections were thoroughly enjoyed by the thousands who heard him, if the letters and telephone calls that he received after each concert are any indication. Letters were received by him from all parts of the West.



## CANADIAN PEANUT TUBES

$\frac{1}{2}$  Volt. Size  $\frac{5}{8}$  by  $2\frac{1}{2}$  inch

PRICE \$7.50

SOCKET, \$1.25

SUPPLY LIMITED

Orders Filled in Rotation

U. C. BATTERY & ELECTRIC CO.

2158 University Ave.

Berkeley, Cal.

## Radio Trouble Doctor

### Quick Repairs on Receiving Sets

Large or small sets, with tubes or crystals, repaired in your home or at my own shop, quickly and at very little cost. Fifteen years' experience in radio. Satisfactory work and helpful instruction guaranteed, efficiency increased. Receiving sets only. Day or night.

H. S. LEWIS

PHONE MARKET 8298

## RADIO SUPPLIES

Sold here for less than elsewhere. Come in and get our prices  
and convince yourself.

### CLEVELAND RADIO SUPPLY

2306 BROADWAY

OAKLAND, CALIFORNIA

## Broadcast Programs Free

Each \$10 Purchase, Six Months' Subscription

Every Complete Set, One Year's Subscription

### Complete Radio Sets from \$10 to \$500

Built or installed—or let us show you how to build and install your own.

Bring or send your radio problems to us; no charge for this service.

Mail orders promptly attended to.

### ELECTRIC MOTOR AND MACHINE COMPANY

Phone Douglas 1263

407-409 Stockton Street, San Francisco

## RICHMOND RADIO SHOP

Sole Owner, FRANK T. DOEING

*421 MacDonald Avenue, Richmond, California*

## SCHEDULES FOR SUNDAY, APRIL 22, 1923

7:00 to 7:30 a. m.—  
 KUS—Los Angeles, City Dye Works  
 9:00 to 10:00 a. m.—  
 KUO—San Francisco, Examiner  
 WOC—Davenport, Palmer Sch. Chiropactic  
 10:00 to 11:00 a. m.—  
 KLX—Oakland, Tribune,  
 KFBK—Sacramento, Kimball-Upson  
 10:00 to 10:30 a. m.—  
 KJS—Los Angeles, Bible Institute  
 KHJ—Los Angeles, Times  
 10:30 to 11:00 a. m.—  
 KFI—Los Angeles, Earle C. Anthony  
 KJO—Stockton, C. O. Gould  
 11:00 to 11:30 a. m.—  
 KFI—Los Angeles, Earle C. Anthony  
 11:00 a. m. to 12:00 m.—  
 KPO—San Francisco, Hale Brothers  
 KTW—Seattle, First Presbyterian Church  
 11:30 a. m. to 12:00 m.—  
 WOC—Davenport, Palmer Sch. Chiropactic  
 12:00 m. to 12:30 p. m.—  
 KPO—San Francisco, Hale Brothers  
 12:00 m. to 1:00 p. m.—  
 KLS—Oakland, Warner Brothers  
 KJS—Los Angeles, Bible Institute  
 WHB—Kansas City, Sweeny Auto School  
 1:00 to 1:30 p. m.—  
 KJS—Los Angeles, Bible Institute  
 1:00 to 2:00 p. m.—  
 KXD—Modesto, Herald  
 2:00 to 3:00 p. m.—  
 KWG—Stockton, Portable Wireless  
 KUO—San Francisco, Examiner  
 KGO—Altadena, Radio Laboratory  
 WDAF—Kansas City, Star  
 3:00 to 4:00 p. m.—  
 KTW—Seattle, First Presbyterian Church  
 KUO—San Francisco, Examiner  
 KFHJ—Santa Barbara, Fallon & Co.  
 3:30 to 4:00 p. m.—  
 KDYS—Great Falls, Montana, Tribune  
 4:00 to 5:00 p. m.—  
 KFI—Los Angeles, Earle C. Anthony  
 KTW—Seattle, First Presbyterian Church  
 WOC—Davenport, Palmer Sch. Chiropactic  
 5:00 to 5:30 p. m.—  
 KUO—San Francisco, Examiner  
 WOC—Davenport, Palmer Sch. Chiropactic  
 5:30 to 6:00 p. m.—  
 WDAF—Kansas City, Star  
 KMJ—Fresno, San Joaquin L. & P. Co.  
 KRE—Berkeley, Maxwell Electric Co.  
 WOC—Davenport, Palmer Sch. Chiropactic  
 6:00 to 6:30 p. m.—  
 KJS—Los Angeles, Bible Institute  
 KNJ—Roswell, N. M., Public Service Co.  
 6:00 to 7:00 p. m.—  
 WDAF—Kansas City, Star  
 WYX—Ft. Douglas, Utah, U. S. Government  
 KSD—St. Louis, Post Dispatch  
 KRE—Berkeley, Maxwell Electric Co.  
 WOC—Davenport, Palmer Sch. Chiropactic  
 WHB—Kansas City, Sweeny Auto School  
 7:00 to 7:30 p. m.—  
 KRE—Berkeley, Maxwell Electric Co.  
 KFBC—San Diego, W. K. Azbill  
 KFDB—San Francisco, Mercantile Trust Co.  
 7:00 to 8:00 p. m.—  
 WDAF—Kansas City, Star  
 KSD—St. Louis, Post Dispatch  
 WYX—Ft. Douglas, Utah, U. S. Government  
 KLZ—Denver, Reynolds Radio Co.  
 KGW—Portland, Oregonian  
 WHB—Kansas City, Sweeny Auto School

7:30 to 8:00 p. m.—  
 KTW—Seattle, First Presbyterian Church  
 8:00 to 9:00 p. m.—  
 WDAF—Kansas City, Star  
 KSD—St. Louis, Post Dispatch  
 KFBC—San Diego, W. K. Azbill  
 KJS—Los Angeles, Bible Institute  
 KFI—Los Angeles, Earle C. Anthony  
 KTW—Seattle, First Presbyterian Church  
 KFBK—Sacramento, Kimball-Upson  
 KHJ—Los Angeles Times  
 8:30 to 9:00 p. m.—  
 KWH—Los Angeles, Examiner—  
 CFCB—Vancouver, B. C., Marconi Co.  
 9:00 to 9:30 p. m.—  
 KWH—Los Angeles, Examiner—  
 CFCB—Vancouver, B. C., Marconi Co.  
 KTW—Seattle, First Presbyterian Church  
 9:00 to 10:00 p. m.—  
 WDAF—Kansas City, Star  
 KSD—St. Louis, Post Dispatch  
 KFBC—San Diego, W. K. Azbill  
 KFI—Los Angeles, Earle C. Anthony  
 KFBK—Sacramento, Kimball-Upson  
 KHJ—Los Angeles Times  
 10:00 to 11:00 p. m.—  
 WDAF—Kansas City, Star  
 KSD—St. Louis, Post Dispatch  
 KFI—Los Angeles, Earle C. Anthony

For  
Better Results  
Use

# EVEREADY

**"A" and "B"  
BATTERIES**

with your  
Radio Set

Manufactured on the Pacific Coast by

**NATIONAL CARBON CO.**  
(INCORPORATED)

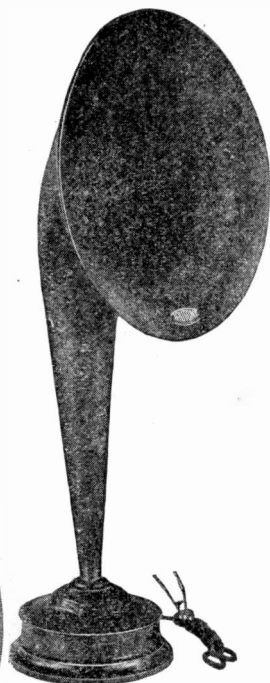
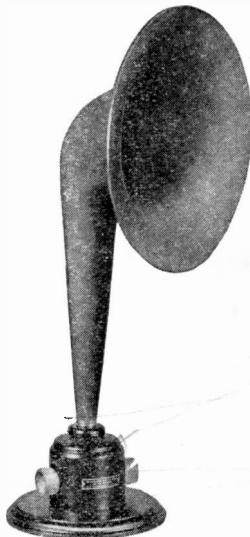
599 Eighth Street  
San Francisco, California



**The New Complete  
RADIO LOUD  
SPEAKER  
of Perfect Tone**

The TRUTONE Loud Speaker marks a revolutionary change in the construction of radio amplifying horns. Manufactured from Seamless Non-Metallic Composition and having a wooden tone chamber in the base, each tone coming from the TRUTONE horn is soft, true, clear and resonant and with a maximum volume of sound.

**TRUTONE JR., TYPE A**



**Immediate Deliveries**

**TYPE A**

is designed for ready reception of both receivers without removal of head band. The diameter of the bell is 12 inches, making the horn 24 inches.

**TYPE B**

is designed for single receiver, 'Baldwin' or others. The diameter of the bell is 12 inches, making the horn 22 inches high.

**EITHER TYPE, \$8.00**

**Price:**

**\$25.00**

**Mica Diaphragm  
Loud Speaking Unit**

**Size:**

**32 inches high  
14-inch bell**

This Loud Speaker is finished in Black Crystalline Enamel. An artistic instrument of quality and price.

**TRUTONE JR., TYPE B**



**Manufactured by SADLER MANUFACTURING COMPANY**  
**86 Fourth Street, San Francisco, California**  
*Sold by all First Class Radio Dealers*



## PROGRAMS FOR SUNDAY, APRIL 22, 1923

### PROGRAM FOR KPO Hale Brothers Radio Station San Francisco, California

11:00 a. m. to 12:30 p. m.—  
Organ recital—Miss Gladys Salisbury.  
Soloist—Miss May Clark Burns of Burlingame will render:  
Homing.....Teresa Dell Riego  
Until .....Sanderson  
My Dearest Prayer.....Tanaler

### PROGRAM FOR WOC The Palmer School of Chiropractic, Davenport, Iowa

7:00 a. m.—  
Sacred chimes concert  
11:45 p. m.—  
Concert selections by the P. S. C. orchestra.  
4:00 p. m.—  
Special pipe organ concert by Clarence Eddy, world famous organist.  
5:00 p. m.—  
Church service, R. G. Pollock, Bible lecturer from California. Subject, "Signs of the New Day."  
6:00p .m.—  
Musical program (two hours) by P. S. C. orchestra. Special numbers to be announced.

### PROGRAM FOR WBAP The Star-Telegram Fort Worth, Texas

9:00 to 10:15 a. m.—  
Complete services of the First Methodist Church. Rev. J. W. Bergin, pastor; Will Foster, organist.  
1:30 to 2:30 p. m.—  
Concert.

### PROGRAM FOR KHJ Los Angeles Times Los Angeles, California

10:00 a. m.—  
Sacred service.  
8:00 p. m.—  
De luxe program—vocal, instrumental music and readings.

### PROGRAM FOR KFBK Kimball-Upson Company Sacramento, California

10:00 to 11:00 a. m.—  
Cruch services by all denominations through co-operation with the Sacramento Church Federation.

### PROGRAM FOR KLX The Oakland Tribune Oakland, California

10:00 to 11:00 a. m.—  
Vocal and instrumental  
Gavotte  
Farewell to Naples  
Caro mio ben  
Serenade  
Parted  
Care Selve  
Minuet in G  
Sunrise and You  
Españo Rapsodie  
Call Me Thine Own  
Little Love  
Song Without Words  
I Love You Truly

### PROGRAM FOR KGW The Morning Oregonian Portland, Oregon

7:00 to 8:00 p. m.—  
Concert by Mt. Angel College Quartette.

### PROGRAM FOR KLS Warner Brothers Radio Station Oakland, California

12:00 to 1:00 p. m.—  
Sacred music played on the Armstrong Reproducing Piano, furnished through the courtesy of the Fox Piano Co., 540 14th street, Oakland, Cal.

### PROGRAM FOR KFI Earl C. Anthony, Los Angeles, Cal.

10:00 to 11:00 a. m.—  
Full church services by all denominations co-operating through Church Federation. Rev. J. A. Steveson, executive secretary.  
4:00 to 5:00 p. m.—  
Full musical vesper service, under direction of Mrs. William Mabec, national chairman of church music, National Federation of Music Clubs, 321 Van Ness avenue  
10:00 to 11:00 p. m.—  
Theron Bennett and his Packard Six Orchestra every Sunday.



## Rechargeable Radio "B" Batteries

24 Volt Special....\$ 8.40  
24 Volt ..... 10.75  
48 Volt ..... 20.50

## "A" Batteries

40 Hour up....\$14.80 up

**JULIUS BRUNTON & SONS CO**  
**SAN FRANCISCO**

### Broadcast Stations Heard

Heard by W. N. Breeze, 2522 Green street, San Francisco, California: KSD, WDAP, KYW, WHB, WDAF, WFAA, WBAP, KFAF, KLZ, KDYL, KZN, KDYS, KFAN, CFAC.

The following stations were heard by Arthur Hall, 1425 East Thirty-first street, Oakland, California, on a freak crystal set employing a two-slide tuning coil: KFI, KGB, KGG, KGW, KHJ, KJQ, KJS, KLS, KLX, KPO, KQW, KRE, KTW, KUO, KWG, KWH, KXD, KZM, KZN, KFBC, KFBK, KFCF, KFDB.

Heard by Donald Lampson, Route No. 1, Box 184, Santa Rosa, California, on a four-tube set consisting of a detector, one-step radio and two steps audio frequency amplification: KHJ, KPO, KFI, KJS, KLS, KLX, KRE, KWH, KFDB, KZN, KDYL, KLZ, KGW, KDZK, KZM, KGG, KMO, KQW, CFAC.

Heard by Richard Logemann, 437 Vera avenue, Redwood City, California, on a crystal set: KPO, KUO, KLS, KLX, KRE, KZN, KFGH, KFDB, KQW.

Howard Hein, 482 Fifteenth avenue, San Francisco, California, reports having heard the following stations on a regenerative set, using a condenser and variocoupler for tuning one tube: KFI, KGG, KGW, KHJ, KJQ, KLS, KMO, KQW, KUS, KWG, KXD, KZN, KDYL, KDZE, KDYS, KFAE, KFAF, KFBK, KPO, KFDB, KLX, KLS.

## We Thank You!

*Almost 200 new paid-in-advance subscriptions to BROADCAST PROGRAM were received last week.*

We make it well worth while for you to subscribe to this little magazine.

Here is a Remarkable  
Subscription Offer

## Free--

A standard \$3.50 ADAPTOLA for receiving radio concerts through your phonograph will be given absolutely free of charge with only one subscription for six months (\$1.00).

*Right now is the time to mail this coupon.*

BROADCAST PROGRAM,

449 Pacific Building,

San Francisco, California.

Send me BROADCAST PROGRAM for 26 weeks and the ADAPTOLA. I enclose \$1.00.

Name .....

Address .....

.....

# SCHEDULES FOR MONDAY, APRIL 23, 1923

- 7:00 to 7:30 a. m.—  
KUS—Los Angeles, City Dye Works
- 9:00 to 10:00 a. m.—  
KUO—San Francisco, Examiner
- 10:00 to 11:00 a. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
WOC—Davenport, Palmer Sch. Chiropractic
- 10:30 to 11:00 a. m.—  
KDZE—Seattle, Rhodes Co.  
WHB—Kansas City, Sweeny Auto School
- 11:00 to 11:30 a. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
KUS—Los Angeles, City Dye Works
- 11:30 a. m. to 12:00 p. m.—  
KLS—Oakland, Warner Brothers  
KUS—Los Angeles, City Dye Works
- 12:00 m. to 1:00 p. m.—  
WHB—Kansas City, Sweeny Auto School
- 12:30 p. m. to 1:00 p. m.—  
KLS—Oakland, Warner Brothers  
KHJ—Los Angeles, Times
- 1:00 to 1:30 p. m.—  
KHJ—Los Angeles, Times  
KFI—Los Angeles, Earle C. Anthony
- 1:00 to 2:00 p. m.—  
KQW—San Jose, Herrold Laboratories  
WOC—Davenport, Palmer Sch. Chiropractic
- 2:00 to 3:00 p. m.—  
KUS—Los Angeles, City Dye Works  
KFDB—San Francisco, Mercantile Trust Co.  
KFAV—Venice, Cal., Abbott-Kinney
- 2:30 to 3:30 p. m.—  
KUO—San Francisco, Examiner  
KFHJ—Santa Barbara, Fallon & Co.  
WMAQ—Chicago Daily News
- 3:00 to 4:00 p. m.—  
KFBK—Sacramento, Kimball-Upson  
KZN—Salt Lake City, Deseret News
- 3:30 to 4:00 p. m.—  
KLX—Oakland, Tribune,  
KDZE—Seattle, Rhodes Co.  
WOC—Davenport, Palmer Sch. Chiropractic
- 4:00 to 4:30 p. m.—  
KLX—Oakland, Tribune,  
KDZE—Seattle, Rhodes Co.  
KFAW—Santa Ana, Radio Den
- 4:00 to 5:00 p. m.—  
KWG—Stockton, Portable Wireless  
KFEC—Portland, Meier & Frank  
KDYX—Honolulu, Star-Bulletin
- 4:30 to 5:30 p. m.—  
KPO—San Francisco, Hale Brothers
- 5:00 to 6:00 p. m.—  
KJQ—Stockton, C. O. Gould  
KGG—Portland, Hallock & Watson  
WDAF—Kansas City, Star  
WWJ—Detroit, Evening News  
KFI—Los Angeles, Earle C. Anthony  
KUO—San Francisco, Examiner  
WOC—Davenport, Palmer Sch. Chiropractic  
KGU—Honolulu, The Advertiser  
WHB—Kansas City, Sweeny Auto School
- 5:30 to 6:00 p. m.—  
KJR—Seattle, Wash., V. I. Craft  
KFAT—Eugene, Oregon, Pac. Radio Co.
- 6:00 to 6:30 p. m.—  
KUO—San Francisco, Examiner  
KSD—St. Louis, Post Dispatch  
KFBK—Sacramento, Kimball-Upson  
KWH—Los Angeles, Examiner—  
KGU—Honolulu, The Advertiser
- 6:00 to 7:00 p. m.—  
KDYL—Salt Lake City, Telegram  
WDAF—Kansas City, Star  
KSD—St. Louis, Post Dispatch  
WWJ—Detroit, Evening News  
KMO—Tacoma, Wash., Love Electric Co.  
WOC—Davenport, Palmer Sch. Chiropractic
- 6:30 to 7:00 p. m.—  
KXD—Modesto, Herald  
KFEC—Portland, Meier & Frank  
KZM—Oakland, Hotel Oakland  
KFI—Los Angeles, Earle C. Anthony  
KFFA—San Diego, R. O. Sheldon  
KFAW—Santa Ana, Radio Den  
WFAA—Dallas, News
- 7:00 to 7:30 p. m.—  
KLX—Oakland, Tribune,  
KFI—Los Angeles, Earle C. Anthony  
WWJ—Detroit, Evening News  
KGG—Portland, Hallock & Watson  
KHJ—Los Angeles, Times  
KDPT—San Diego, Southern Electric Co.  
KFHJ—Santa Barbara, Fallon & Co.  
KFAW—Santa Ana, Radio Den  
KZN—Salt Lake City, Deseret News  
WFAA—Dallas, News  
WDAF—Kansas City, Star  
KSD—St. Louis, Post Dispatch  
WOC—Davenport, Palmer Sch. Chiropractic
- 7:30 to 8:00 p. m.—  
KZN—Salt Lake City, Deseret News  
KGW—Portland, Oregonian  
KGG—Portland, Hallock & Watson  
KJR—Seattle, Wash., V. I. Craft  
KDYS—Great Falls, Montana, Tribune  
KFAF—Denver, Western Radio Co.  
WOC—Davenport, Palmer Sch. Chiropractic  
KFAE—Pullman, Wash., State College
- 8:00 to 8:30 p. m.—  
KZN—Salt Lake City, Deseret News  
KJR—Seattle, Wash., V. I. Craft  
KFAE—Pullman, Wash., State College
- 8:00 to 9:00 p. m.—  
KXD—Modesto, Herald  
KFDB—San Francisco, Mercantile Trust Co.  
KDYM—San Diego, Savoy Theatre  
KHJ—Los Angeles, Times  
KFI—Los Angeles, Earle C. Anthony  
CFCB—Vancouver, B. C., Marconi Co.  
KGW—Portland, Oregonian  
KDYS—Great Falls, Montana, Tribune  
KSD—St. Louis, Post Dispatch  
WDAF—Kansas City, Star  
KFAT—Eugene, Oregon, Pac. Radio Co.
- 8:30 to 9:00 p. m.—  
KDZE—Seattle, Rhodes Co.  
KFAW—Santa Ana, Radio Den
- 9:00 to 9:30 p. m.—  
KFAW—Santa Ana, Radio Den  
CFCB—Vancouver, B. C., Marconi Co.
- 9:00 to 10:00 p. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
KJQ—Stockton, C. O. Gould  
KFI—Los Angeles, Earle C. Anthony  
KDYM—San Diego, Savoy Theatre  
KDZE—Seattle, Rhodes Co.  
KSD—St. Louis, Post Dispatch  
WDAF—Kansas City, Star  
KWH—Los Angeles, Examiner—  
KGN—Portland, Northwest Radio Co.  
KFHJ—Santa Barbara, Fallon & Co.  
KHJ—Los Angeles, Times  
KDYX—Honolulu, Star-Bulletin
- 10:00 to 11:00 p. m.—  
KFI—Los Angeles, Earle C. Anthony  
KGU—Honolulu, The Advertiser

# Announcement

WARNER BROS., largest radio supply house in the West, announce the opening of their third radio store, 428 Market street, San Francisco.

Our big Radio Sale, which started on Monday, March 12, still continues. The results have been most gratifying.

*Only the highest grade standard radio equipment and parts sold by us. Our sale prices will astonish you. Visit any of our stores today, or write at once for our radio price lists.*

## WARNER BROS.

### THREE STORES

350 Market Street      SAN FRANCISCO      428 Market Street  
Oakland—Twenty-second and Telegraph Avenue

SEND ME YOUR BIG RADIO PRICE LIST  
AT ONCE.

Name .....

Address .....



If you are unable to call for a copy of our big radio bulletin, be sure to mail this coupon now. Send it to any of our three stores.

## PROGRAMS FOR MONDAY, APRIL 23, 1923

### PROGRAM FOR KFI Earle C. Anthony, Inc. Los Angeles, California

6:45 to 7:30 p. m.—  
Peter Rabbit and His Friends.  
Los Angeles Chamber of Commerce; M. M. Rathbun, publicity director.  
Junior Music Clubs of Southern California;  
Mrs. Ella W. Duffield, associate chairman,  
1015 South Manhattan.

10:00 to 11:00 p. m.—  
Hollywood Chamber of Commerce; Mrs. J. J. Carter, chairman program committee,  
1801 LaBrea

### PROGRAM FOR KLX The Oakland Tribune Oakland, California

3:30 to 4:30 p. m.—  
Music  
7:00 to 7:30 p. m.—  
Code Practice.

### PROGRAM FOR WBAP The Star-Telegram Fort Worth, Texas

5:15 to 6:00 p. m.—  
Concert by Edith and Grace McDowell, Hawaiian guitarists of Dallas, Texas.  
7:30 to 8:30 p. m.—  
Concert by Owen Crockett's Texas Dance Orchestra Supreme.

### PROGRAM FOR WOC The Palmer School of Chiropractic, Davenport, Iowa

10:00 a. m.—  
Chimes concert  
12:00 m.—  
Closing stocks and markets  
1:30 p. m.—  
Educational talk by C. A. Russell  
3:45 p. m.—  
Chimes concert  
4:35 p. m.—  
Sandman's visit  
5:00 p. m.—  
Artist musical program, Edwin Swindell, musical director. Program furnished by Palmer Nestander, Clifford Anderson, Elda Herman, Regina Holmane and Minnie Nelson, artists from Augustana Conservatory of Music.

6:00 p. m.—  
Educational Lecture: "Planning and Planting the Home Garden." A talk in connection with National Garden Week, by E. H. Hall.  
7:00 p. m.—  
Special musical program. Minstrel program presented by the faculty of the Palmer School of Chiropractic; "Jim" Harkns, director

### PROGRAM FOR KHJ Los Angeles Times Los Angeles, California

12:30 to 1:15 p. m.—  
News items and Music.  
6:45 to 7:30 p. m.—  
Children's hour, Music and bedtime story by "Uncle John."  
8:00 to 10:00 p. m.—  
Sierra Madre presents program featuring Oscar Seiling, violinist; and Louise Gunning, soprano.

### PROGRAM FOR WHB Sweeney Auto & Electrical School Kansas City, Missouri

10:30 to 11:00 a. m.—  
Popular musical concert.  
12:00 m. to 1:00 p. m.—  
Ladies' hour program of classical music.  
5:00 to 5:30 p. m.—  
Children's program. Bedtime stories, etc.

### PROGRAM FOR KGW The Morning Oregonian Portland, Oregon

3:30 to 4:00 p. m.—  
Woman's program by the Portland Library Association  
7:00 to 7:30 p. m.—  
Oregon Agricultural College Extension Course lecture.  
8:00 to 9:00 p. m.—  
Concert by the Rybka String Orchestra.  
11:00 to 12:00 p. m.—  
Regular semi-weekly meeting of the Hoot Owls.

### PROGRAM FOR WMAQ Chicago Daily News

2:35 p. m.—  
Sketch by stars of the "Bristol Glass" Company, playing at the Blackstone.  
Silent night; no program.

PROGRAM FOR KFEE  
State College, Pullman, Washington  
7:30 to 8:30 p. m.—  
Methods of Increasing the Natural Supplies of Gasoline—Prof. H. L. Cole  
Musical numbers.  
Meaning of the Disarmament Treaties—Prof. C. H. Woodydy.  
Why the Future Looks Good—Prof. R. N. Miller, farm management specialist.  
Talk by a horticulturist.  
Talk on Germs.

### PROGRAM FOR WDAF Kansas City Star

1:30 to 2:30 p. m.—  
Concert.  
4:00 to 5:00 p. m.—  
Educational features and musical program.  
6:00 to 7:30 p. m.—  
Concert.  
9:45 to 11:00 p. m.—  
Nighthawk Frolic, Coon-Sanders Orchestra.

PROGRAM FOR KZM  
Hotel Oakland  
Oakland, California  
6:45 to 7:00 p. m.—  
News bulletins furnished by the Oakland Tribune, and final ball scores.

PROGRAM FOR KFBK  
Kimball-Upson Company  
Sacramento, California  
3:00 to 4:00 p. m.—  
Selected organ numbers from the T. & D. Theatre. Educational features.  
6:00 to 6:45 p. m.—  
Educational features; United States Government agricultural bulletins; weather forecast; code practice; baseball scores.

## Marysville Broadcasting Station

Marysville, California, the city that is the heart of the cling peach industry of the world is to the fore this week with an announcement by George W. Roberts of the Roberts Radio Shop; Charles Dalbey, Julius Mueller and N. E. Prentiss, radio engineers, of the establishment of a Class A broadcasting station from which concerts, items of news pertaining to civic activities and other matters of importance will be sent forth to all the world. The set, when installed, will have a potential radius of some 2000 miles and will carry a power output of at least 300 kilowatts.

## KRE Changes Hours

Thomas A. Fite of the Maxwell Electric Company, Berkeley, announces a change in the broadcasting hours for KRE, the Berkeley Gazette station at the Hotel Claremont.

The classical two-hour program presented by KRE from 5:30 to 7:30 p. m. every Sunday will be transferred to Monday evening between the hours of 8:00 and 10:00 p. m.

The last Sunday evening concert will be on April 29 and the first Monday evening concert on May 7.

The Monday evening concert will be under the direction of rMs. Wilda Wilson Church of Berkeley, who has in the past been responsible for the excellent programs on Sundays.

## Herrold Laboratories, San Jose

ANNOUNCE THE OPENING OF

Their New Store, 113 East Santa Clara Street

*The Largest Radio Store, with the Best Radio Stock, West of Chicago*

WRITE—PHONE—WIRE

TWO STORES:

113 East Santa Clara Street

SAN JOSE, CAL.

467 South First Street

## KENNEDY EQUIPMENT KENNEDY-SELECTIVITY

Ease of control, long distance reception, elimination of interference and the utmost pleasure and satisfaction in its use are assured with a KENNEDY receiver

*Arrange with your dealer for a demonstration.  
Or write us direct for further information.*

THE COLIN B. KENNEDY COMPANY, 159 New Montgomery St., SAN FRANCISCO

## SCHEDULES FOR TUESDAY, APRIL 24, 1923

7:00 to 7:30 a. m.—  
 KUS—Los Angeles, City Dye Works  
 9:00 to 10:00 a. m.—  
 KUO—San Francisco, Examiner  
 10:00 to 11:00 a. m.—  
 KFDB—San Francisco, Mercantile Trust Co.  
 WOC—Davenport, Palmer Sch. Chiropractic  
 10:30 to 11:00 a. m.—  
 KDZE—Seattle, Rhodes Co.  
 WHB—Kansas City, Sweeny Auto School  
 11:00 to 11:30 a. m.—  
 KFDB—San Francisco, Mercantile Trust Co.  
 KFAV—Venice, Cal., Abbott-Kinney  
 11:30 a. m. to 12:00 m.—  
 KFAV—Venice, Cal., Abbott-Kinney  
 KLS—Oakland, Warner Brothers  
 12:00 m. to 12:30 p. m.—  
 KUS—Los Angeles, City Dye Works  
 12:00 m. to 1:00 p. m.—  
 KLS—Oakland, Warner Brothers  
 WHB—Kansas City, Sweeny Auto School  
 12:30 p. m. to 1:00 p. m.—  
 KHJ—Los Angeles Times  
 1:00 to 1:30 p. m.—  
 KWH—Los Angeles, Examiner—  
 1:00 to 2:00 p. m.—  
 KQW—San Jose, Herold Laboratories  
 WBAP—Forth Worth, Tex., Star-Telegram  
 WOC—Davenport, Palmer Sch. Chiropractic  
 1:00 to 2:00 p. m.—  
 WDAF—Kansas City, Star  
 2:00 to 3:00 p. m.—  
 KFI—Los Angeles, Earle C. Anthony  
 KFDB—San Francisco, Mercantile Trust Co.  
 2:30 to 3:30 p. m.—  
 KUO—San Francisco, Examiner  
 KFHI—Santa Barbara, Fallon & Co.  
 WMAQ—Chicago Daily News  
 3:00 to 4:00 p. m.—  
 KFBK—Sacramento, Kimball-Upson  
 KZN—Salt Lake City, Deseret News  
 3:30 to 4:00 p. m.—  
 KDZE—Seattle, Rhodes Co.  
 KGW—Portland, Oregonian  
 WOC—Davenport, Palmer Sch. Chiropractic  
 4:00 to 4:30 p. m.—  
 KLN—Oakland, Tribune  
 KDZE—Seattle, Rhodes Co.  
 KFAW—Santa Ana, Radio Den  
 KUS—Los Angeles, City Dye Works  
 4:00 to 5:00 p. m.—  
 KWG—Stockton, Portable Wireless  
 KFEC—Portland, Meier & Frank  
 WDAF—Kansas City, Star  
 KDYN—Honolulu, Star-Bulletin  
 WDAF—Kansas City, Star  
 4:30 to 5:30 p. m.—  
 KPO—San Francisco, Hale Brothers  
 5:00 to 6:00 p. m.—  
 KGG—Portland, Hallock & Watson  
 KWH—Los Angeles, Examiner—  
 KFI—Los Angeles, Earle C. Anthony  
 WWJ—Detroit, Evening News  
 KJR—Seattle, Wash., V. I. Craft  
 KJO—Stockton, C. O. Gould  
 KUO—San Francisco, Examiner  
 KSD—St. Louis, Post Dispatch  
 WDAF—Kansas City, Star  
 WMAQ—Chicago Daily News  
 KGU—Honolulu, The Advertiser  
 WHB—Kansas City, Sweeny Auto School  
 5:30 to 6:00 p. m.—  
 KFAT—Eugene, Oregon, Pac. Radio Co.  
 6:00 to 6:30 p. m.—  
 KFBK—Sacramento, Kimball-Upson  
 KMO—Tacoma, Wash., Love Electric Co.

KQY—Portland, Stubbs Electric Co.  
 KGU—Honolulu, The Advertiser  
 6:00 to 7:00 p. m.—  
 KUO—San Francisco, Examiner  
 KDYL—Salt Lake City, Telegram  
 KUS—Los Angeles, City Dye Works  
 WFAA—Dallas, News  
 WWJ—Detroit, Evening News  
 WDAF—Kansas City, Star  
 6:30 to 7:00 p. m.—  
 KXD—Modesto, Herald  
 KZM—Oakland, Hotel Oakland  
 KFAV—Venice, Cal., Abbott-Kinney  
 KFI—Los Angeles, Earle C. Anthony  
 WFAA—Dallas, News  
 7:00 to 7:30 p. m.—  
 KFAV—Venice, Cal., Abbott-Kinney  
 KFI—Los Angeles, Earle C. Anthony  
 WWJ—Detroit, Evening News  
 KLN—Oakland, Tribune  
 KHJ—Los Angeles, Times  
 KDPT—San Diego, Southern Electric Co.  
 WFAA—Dallas, News  
 KFHI—Santa Barbara, Fallon & Co.  
 WDAF—Kansas City, Star  
 7:00 to 8:00 p. m.—  
 KZN—Salt Lake City, Deseret News  
 KFAV—Denver, Western Radio Co.  
 WDAF—Kansas City, Star  
 KSD—St. Louis, Post Dispatch  
 WMAQ—Chicago Daily News  
 7:30 to 8:00 p. m.—  
 KGG—Portland, Hallock & Watson  
 WBAP—Forth Worth, Tex., Star-Telegram  
 KHQ—Seattle, Washington, L. Wasmer  
 8:00 to 8:30 p. m.—  
 KZN—Salt Lake City, Deseret News  
 KHQ—Seattle, Washington, L. Wasmer  
 8:00 to 9:00 p. m.—  
 KPO—San Francisco, Hale Brothers  
 KDPT—San Diego, Southern Electric Co.  
 KFI—Los Angeles, Earle C. Anthony  
 WDAF—Chicago, Drake Hotel  
 KWG—Stockton, Portable Wireless  
 KLN—Oakland, Tribune  
 KMI—Fresno, San Joaquin L. & P. Co.  
 KSD—St. Louis, Post Dispatch  
 WDAF—Kansas City, Star  
 KHJ—Los Angeles Times  
 8:30 to 9:00 p. m.—  
 KJR—Seattle, Wash., V. I. Craft  
 KWH—Los Angeles, Examiner—  
 CFCB—Vancouver, B. C., Marconi Co.  
 9:00 to 9:30 p. m.—  
 KJR—Seattle, Wash., V. I. Craft  
 CFCB—Vancouver, B. C., Marconi Co.  
 9:00 to 10:00 p. m.—  
 KFI—Los Angeles, Earle C. Anthony  
 KPO—San Francisco, Hale Brothers  
 WDAF—Chicago, Drake Hotel  
 KWH—Los Angeles, Examiner—  
 KDPT—San Diego, Southern Electric Co.  
 WFAA—Dallas, News  
 WDAF—Kansas City, Star  
 KSD—St. Louis, Post Dispatch  
 KHJ—Los Angeles, Times  
 KFHI—Santa Barbara, Fallon & Co.  
 KDYN—Honolulu, Star-Bulletin  
 9:30 to 10:00 p. m.—  
 KYG—Portland, Radio Service Bureau  
 10:00 to 11:00 p. m.—  
 KFI—Los Angeles, Earle C. Anthony  
 WDAF—Chicago, Drake Hotel  
 KGU—Honolulu, The Advertiser  
 WDAF—Kansas City, Star

## Hoover Approves Radio Conference Recommendations

In giving the approval of the Department of Commerce to the recommendations of the Second Radio Conference at Washington, Secretary Hoover stated that they represent a step in ideal development of measures for the prevention of interference in public broadcasting. The report recommends making available all wave lengths from 222 to 545 meters for public broadcasting, various possible bands to be assigned to different stations so as not only to reduce direct interference but also to build up zonal regions of distribution.

The following classifications of stations and allocations of wave lengths will be made:

Class A stations not exceeding 500 watts in power will each be assigned a distinctive wave length of its own between 222 and 300 meters unless they desire to remain on 360 meters as at present.

Class B stations equipped to use from 500 to 1000 watts will each be

given special waves from 300 to 345 and from 375 to 450 meters, unless they elect to stay on 360 meters.

Class C.—All stations now licensed on 360 meters may remain there until they decide to change to either A or B classifications. No new licenses will be issued for 360 meters until the plans of changing are fully realized.

The Radio Conference also resolved that spark transmitting apparatus be replaced as rapidly as practicable with apparatus that will produce a minimum of interference.

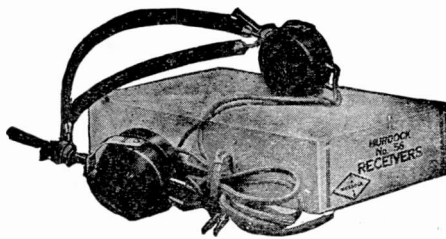
Furthermore, the conference emphasizes the limited facilities available for radio broadcasting, and the uneconomic and tentative basis of present-day broadcasting, and the conference urges the consolidation in each locality of those desiring the establishment or maintenance of broadcasting and those interested in broadcasting in that locality; to the end that broadcasting conducted in each neighborhood by such a local association will receive public support and be handled in an economic and permanent fashion.

### MR. DEALER:

Half the money you take in is not profit if you sell Murdock apparatus but you have a satisfied customer. Write for dealers' discounts.

**\$5.00**

2000 ohm No. 56  
Double Set



### MR. CONSUMER:

If your dealer does not stock Murdock apparatus, send remittance to us and we will fill your order promptly.

**\$5.50**

3000 ohm No. 56  
Double Set

**MURDOCK**

Send for Free Bulletin No. 22

**KEELER WHITE CO.**

Pacific Coast Agents, WM. J. MURDOCK CO., Since 1905

509 Mission Street, San Francisco

211 South San Pedro Street, Los Angeles

Polson Building, 73 Columbia Street, Seattle, Washington



## PROGRAMS FOR TUESDAY, APRIL 24, 1923

**PROGRAM FOR KPO**  
**Hale Brothers Radio Station**  
**San Francisco, California**

8:00 to 10:00 p. m.—

Auspices of The Wiley B. Allen Co., direction of Harold Pracht, sales manager.  
 Artists—Constance Reese, soprano; Mrs. Harry Haley, soprano; Harry Robertson, tenor; James Ziegler, baritone; August Riess, violinist; Edwin Hutchings, pianist.  
 William Lawrence and John Gercovich, of The Wiley B. Allen Co., accompanists.

**PROGRAM FOR KGW**  
**The Morning Oregonian**  
**Portland, Oregon**

11:30 a. m.—

United States—Weather forecast (485 meters)

3:30 to 4:00 p. m.—

Woman's Program for child training.

7:30 p. m.—

United States—Weather forecast (485 meters)

**PROGRAM FOR KHJ**  
**Los Angeles Times**  
**Los Angeles, California**

12:30 to 1:15 p. m.—

News items. Music.

6:45 to 7:30 p. m.—

Children's Hour.

Music and bedtime story by "Uncle John."

8:00 to 10:00 p. m.—

Monrovia Chamber of Commerce presents program of vocal and instrumental music and readings.

**PROGRAM FOR WOC**  
**The Palmer School of Chiropractic,**  
**Davenport, Iowa**

8:55 a. m.—

Time signals (485 meters).

10:00 a. m.—

Chimes concert

12:00 m.—

Closing stocks and markets.

1:30 p. m.—

Educational talk by F. C. Walker.

3:45 p. m.—

Chimes concert.

(No broadcasting on Tuesday evening by agreement of Tri-City Stations.)

**PROGRAM FOR WBAP**  
**The Star-Telegram**  
**Fort Worth, Texas**

5:00 to 6:00 p. m.—

Concert by the Eastland Music Club, Eastland, Texas.

7:30 to 8:30 p. m.—

Concert by Harmony Club of Fort Worth.

**PROGRAM FOR KFBK**  
**Kimball-Upson Company**  
**Sacramento, California**

3:00 to 4:00 p. m.—

Selected organ numbers from the T. & D. Theatre. Educational features.

6:00 to 6:45 p. m.—

Educational features; auto and outing information; weather forecast; code practice; baseball scores.

**PROGRAM FOR KFI**  
**Earle C. Anthony, Inc.**  
**Los Angeles, California**

6:45 to 7:30 p. m.—

Peter Rabbit and His Friends.  
 Los Angeles County Medical Society; Dr. William Duffield, sponsor, Auditorium Building  
 Junior Music Clubs.

8:00 to 9:00 p. m.—

Evening Herald.

10:00 to 11:00 p. m.—

Los Angeles Music Teachers Association;  
 Julius V. Seyler, president, 2020 Edgewood Drive, South Pasadena

**PROGRAM FOR KZM**  
**Hotel Oakland**  
**Oakland, California**

6:45 to 7:00 p. m.—

News bulletins furnished by the Oakland Tribune, and final ball scores.

Woman's program on child training.

**PROGRAM FOR KLX**  
**The Oakland Tribune**  
**Oakland, California**

3:30 to 5:15 p. m.—

Baseball scores.

7:00 to 7:30 p. m.—

Tribune news bulletins and music.

8:00 to 9:00 p. m.—

Concert by Trio from Wolohan's Californians at T. & T. Theatre, consisting of John Wolohan, Rex Glissman and J. Pelange. Program to be announced in the Tribune.

**PROGRAM FOR WHB**  
**Sweeny Auto & Electrical School**  
**Kansas City, Missouri**

10:30 to 11:00 a. m.—

Popular musical concert.

12:00 m. to 1:00 p. m.—

Ladies' hour program of classical music.

5:00 to 5:30 p. m.—

Children's program. Bedtime stories, etc.

6:00 to 8:00 p. m.—

Regular evening concert.

**PROGRAM FOR WMAQ**  
**Chicago Daily News**

2:35 p. m.—

Program arranged by the Bush Conservatory of Music.

5:00 p. m.—

Talk on Foreign Relations by E. P. Bell.  
 Gardening Talk by Mrs. Jean Croff Weis.

7:15 p. m.—

Program by Mrs. Jewell Martin Lovejoy, soprano; Miss Blanche L. Bonn, pianist.

**PROGRAM FOR WDAF**  
**Kansas City Star**

1:30 to 2:30 p. m.—

Concert.

4:00 to 5:00 p. m.—

Educational features and musical program.

6:00 to 7:30 p. m.—

Concert.

9:45 to 11:00 p. m.—

Nighthawk Frolic, Coon-Sanders Orchestra.

# SCHEDULES FOR WEDNESDAY, APRIL 25, 1923

7:00 to 7:30 a. m.—  
 KUS—Los Angeles, City Dye Works  
 9:00 to 10:00 a. m.—  
 KUO—San Francisco, Examiner  
 10:00 to 11:00 a. m.—  
 KFDB—San Francisco, Mercantile Trust Co.  
 WOC—Davenport, Palmer Sch. Chiropactic  
 10:30 to 11:00 a. m.—  
 KDZE—Seattle, Rhodes Co.  
 WFAA—Dallas, News  
 WHB—Kansas City Sweeny Auto School.  
 11:00 to 11:30 a. m.—  
 KFDB—San Francisco, Mercantile Trust Co.  
 11:30 a. m. to 12:00 p. m.—  
 KLS—Oakland, Warner Brothers  
 12:00 m. to 12:30 p. m.—  
 KUS—Los Angeles, City Dye Works  
 12:30 p. m. to 1:00 p. m.—  
 KHJ—Los Angeles Times  
 12:00 m. to 1:00 p. m.—  
 KLS—Oakland, Warner Brothers  
 WHB—Kansas City, Sweeny Auto School.  
 1:00 to 1:30 p. m.—  
 KWH—Los Angeles, Examiner—  
 1:00 to 2:00 p. m.—  
 KQW—San Jose, Herrold Laboratories  
 WBAP—Forth Worth, Tex., Star-Telegram  
 WOC—Davenport, Palmer Sch. Chiropactic  
 2:00 to 3:00 p. m.—  
 KFDB—San Francisco, Mercantile Trust Co.  
 KFAV—Venice, Cal., Abbott-Kinney  
 2:30 to 3:30 p. m.—  
 KUO—San Francisco, Examiner  
 WMAQ—Chicago Daily News  
 KFHJ—Santa Barbara, Fallon & Co.  
 3:00 to 4:00 p. m.—  
 KFBK—Sacramento, Kimball-Upson  
 KDZE—Seattle, Rhodes Co.  
 KZN—Salt Lake City, Deseret News  
 3:30 to 4:00 p. m.—  
 KLX—Oakland, Tribune,  
 KGW—Portland, Oregonian  
 4:00 to 4:30 p. m.—  
 KDZE—Seattle, Rhodes Co.  
 KFAW—Santa Ana, Radio Den  
 KLX—Oakland, Tribune,  
 4:00 to 5:00 p. m.—  
 KWG—Stockton, Portable Wireless  
 KFEC—Portland, Meier & Frank  
 WOC—Davenport, Palmer Sch. Chiropactic  
 KDYX—Honolulu, Star-Bulletin  
 4:30 to 5:30 p. m.—  
 KPO—San Francisco, Hale Brothers  
 5:00 to 6:00 p. m.—  
 KJQ—Stockton, C. O. Gould  
 KGG—Portland, Hallock & Watson  
 KFI—Los Angeles, Earle C. Anthony  
 KUC—San Francisco, Examiner  
 WOC—Davenport, Palmer Sch. Chiropactic  
 WMAQ—Chicago Daily News  
 KGU—Honolulu, The Advertiser  
 WBAP—Forth Worth, Tex., Star-Telegram  
 WHB—Kansas City, Sweeny Auto School.  
 5:30 to 6:00 p. m.—  
 WDAF—Kansas City, Star  
 KWH—Los Angeles, Examiner—  
 WWJ—Detroit, Evening News  
 KIR—Seattle, Wash., V. I. Craft  
 KFAT—Eugene, Oregon, Pac. Radio Co.  
 6:00 to 6:30 p. m.—  
 KFBK—Sacramento, Kimball-Upson  
 KWH—Los Angeles, Examiner—  
 KUO—San Francisco, Examiner  
 KUS—Los Angeles, City Dye Works  
 KGU—Honolulu, The Advertiser

6:00 to 7:00 p. m.—  
 KDYL—Salt Lake City, Telegram  
 KSD—St. Louis, Post Dispatch  
 WDAF—Kansas City, Star  
 KFFA—San Diego, R. O. Sheldon  
 WWJ—Detroit, Evening News  
 KMO—Tacoma, Wash., Love Electric Co.  
 6:30 to 7:00 p. m.—  
 KXD—Modesto, Herald  
 KZM—Oakland, Hotel Oakland  
 7:00 to 7:30 p. m.—  
 KLX—Oakland, Tribune,  
 KFI—Los Angeles, Earle C. Anthony  
 WWJ—Detroit, Evening News  
 KSD—St. Louis, Post Dispatch  
 WDAF—Kansas City, Star  
 KDYS—Great Falls, Montana, Tribune  
 KZN—Salt Lake City, Deseret News  
 KFAF—Denver, Western Radio Co.  
 KHJ—Los Angeles, Times  
 KDPT—San Diego, Southern Electric Co.  
 KFHJ—Santa Barbara, Fallon & Co.  
 WMAQ—Chicago Daily News  
 7:30 to 8:00 p. m.—  
 KZN—Salt Lake City, Deseret News  
 KGG—Portland, Hallock & Watson  
 KFAF—Denver, Western Radio Co.  
 KDYS—Great Falls, Montana, Tribune  
 WBAP—Forth Worth, Tex., Star-Telegram  
 KSD—St. Louis, Post Dispatch  
 WDAF—Kansas City, Star  
 WMAQ—Chicago Daily News  
 KFAE—Pullman, Wash., State College  
 WBAP—Forth Worth, Tex., Star-Telegram  
 8:00 to 8:30 p. m.—  
 KZN—Salt Lake City, Deseret News  
 KFDB—San Francisco, Mercantile Trust Co.  
 KFAE—Pullman, Wash., State College  
 WBAP—Forth Worth, Tex., Star-Telegram  
 8:00 to 9:00 p. m.—  
 KDZE—Seattle, Rhodes Co.  
 KFI—Los Angeles, Earle C. Anthony  
 KDYM—San Diego, Savoy Theatre  
 KHJ—Los Angeles, Times  
 KGW—Portland, Oregonian  
 KDYS—Great Falls, Montana, Tribune  
 KUO—San Francisco, Examiner  
 KFBK—Sacramento, Kimball-Upson  
 KQW—San Jose, Herrold Laboratories  
 KSD—St. Louis, Post Dispatch  
 WDAF—Kansas City, Star  
 WOC—Davenport, Palmer Sch. Chiropactic  
 KFAT—Eugene, Oregon, Pac. Radio Co.  
 8:30 to 9:00 p. m.—  
 KFAW—Santa Ana, Radio Den  
 CFCB—Vancouver, B. C., Marconi Co.  
 9:00 to 9:30 p. m.—  
 CFCB—Vancouver, B. C., Marconi Co.  
 KDYS—Great Falls, Montana, Tribune  
 9:00 to 10:00 p. m.—  
 KFI—Los Angeles, Earle C. Anthony  
 KDYM—San Diego, Savoy Theatre  
 KDZE—Seattle, Rhodes Co.  
 KRE—Berkeley, Maxwell Electric Co.  
 KFDB—San Francisco, Mercantile Trust Co.  
 KJQ—Stockton, C. O. Gould  
 KGG—Portland, Hallock & Watson  
 KFHJ—Santa Barbara, Fallon & Co.  
 KHJ—Los Angeles, Times  
 KDYX—Honolulu, Star-Bulletin  
 10:00 to 11:00 p. m.—  
 KFI—Los Angeles, Earle C. Anthony  
 KGU—Honolulu, The Advertiser

## PROGRAMS FOR WEDNESDAY, APRIL 25, 1923

### PROGRAM FOR WBAP

The Star-Telegram  
Fort Worth, Texas

5:00 to 6:00 p. m.—  
Concert by the Parker County Square Dance  
Orchestra, Weatherford, Texas.

7:30 to 8:30 p. m.—  
Concert of late dance music by Rex Mau-  
poin's Original Texas Hotel Orchestra.

### PROGRAM FOR KFBK

Kimball-Upson Company  
Sacramento, California

8:00 to 9:00 p. m. KFBK—  
Program furnished by the University of  
California Farm at Davis, California—Quar-  
tettes, instrumental, vocal solos.

### PROGRAM FOR WOC The Palmer School of Chiropractic, Davenport, Iowa

5:00 p. m.—  
Pipe organ concert by Erwin Swindell; Ted  
Sloat, baritone.

6:00 p. m.—  
Educational lecture by Rev. J. W. Ferris,  
commemorating twenty-fifth anniversary of  
Spanish-American War.

8:00 p. m.—  
Artistic musical program. Edwin Swindell,  
musical director. Program furnished by the  
J. E. Zimmerman Orchestra, Davenport.

### PROGRAM FOR KHJ

Los Angeles Times  
Los Angeles, California

12:30 to 1:15 p. m.—

News items. Music.

6:45 to 7:30 p. m.—

Children's Hour.

8:00 to 10:00 p. m.—

Program of German and Russian music pre-  
sented by artists' ensemble, the Los An-  
geles Trio—May MacDonald Hope, pianiste;  
Calmon Luboviski, violinist; Ilya Bronson,  
cellist.

### PROGRAM FOR KFAE

State College, Pullman, Washington

7:30 to 8:30 p. m.—

Sunflowers as a Silage Crop—Prof. E. G.  
Schafer.

Birds That Pass in the Spring Migration—  
Dr. W. T. Shaw.

Musical selections.

Vocational Training in Bookkeeping and Ac-  
counting; What One Year of Training Will  
Do—Prof. N. J. Aiken.

First of a Series of Talks on Removing  
Stains—Miss Edna Irene Avery, Tacoma.

Give the Bees a Chance—B. A. Slocum, api-  
culturist.

Dairy Talk.

### PROGRAM FOR WMAQ

Chicago Daily News

2:35 p. m.—

Program arranged by the Cosmopolitan  
School of Music and Dramatic Art.

5:00 p. m.—

Miss Georgene Fualkner, the story lady,  
stories for children

7:15 p. m.—

An American Legion program: Talk by Rev.  
Martin Luther Thomas; musical program  
arranged by the American Legion, includ-  
ing several numbers by the American Le-  
gion Band.

### PROGRAM FOR KLS

Warner Brothers Radio Station  
Oakland, California

11:30 to 1:00 p. m.—

Program by instrumental students of the  
Vocational High School.

Robert Kimic.....Trumpet

Milton Barnes.....cornet solo

Milton Barnes.....sornet soloist

Elwood Perkins.....Alto Saxophone

Camille Bettincourt.....Tenor Saxophone

Wilbur Whitehead.....Baritone Saxophone

Lorine Everett.....pianist

Miss Green.....Pianist

Under the direction of W. R. Douglass,  
teacher of band and orchestra at Vocational  
High School.

March—"Quercargill."

Popular Songs.

"Laughing Gas."

Arabian Dance, "Laila."

Slide Whistle Solo, "Saxophobia," by  
Robert Kimic.

Popular Songs arranged by Miss Green.

"The Miracle," by Milton Barnes, sornet  
solo.

"Among the Roses," saxophone quartette.

### PROGRAM FOR KGW

The Morning Oregonian  
Portland, Oregon

3:30 to 4:00 p. m.—

Children's program.

Piano numbers by Ena Pullin, pupil of  
Lawrence Woodfin. Stories for tiny tots by  
Aunt Nell.

8:00 to 9:00 p. m.—

Concert of vocal and instrumental music.

### PROGRAM FOR KRE

Maxwell Electric Company  
Berkeley, California

9:00 to 10:00 p. m.—

Ed. Bishop's Orchestra—Ed. Bishop, violin;  
Walker Nielson, piano; Albert Andres, saxo-  
phone; Albert Moniz, banjo; Merrill Philpot,  
drums and traps.

You Gave Me Your Heart—Concert fox trot  
by orchestra.

Sextette, from Lucia di Lammermoor—  
Piano Solo.

Over the Waves—Concert waltz by orchestra  
Traumerei (Robert Schumann)—Saxophone  
solo by Mr. Andres.

Under the Double Eagle (March by Sousa)  
—Played by orchestra.

Serenade (Drdla)—Violin solo by Mr. Bishop

You've Got to See Your Mamma Every  
Night—For trot.

Crying for You—Fox trot.

Carolina in the Morning—Fox trot.

### PROGRAM FOR KFI

Earle C. Anthony, Inc.  
Los Angeles, California

6:45 to 7:30 p. m.—

Peter Rabbit and His Friends.

Nick Harris Detective Stories; Pantages  
Building.

Junior Music Clubs.

10:00 to 11:30 p. m.—

Musical Optimists; Mrs. Cecil Frankel, pres-  
ident, 6219 Hollywood Boulevard; Madame  
Anna Ruzena Sprotte, program director,  
2025 Seventh avenue

SOLD  
THROUGH  
JOBBER  
DEALER

# K & C RADIO

K<sup>UALITY</sup>  
C<sup>ERVICE</sup>

**KILBOURNE & CLARK MFG. CO., Seattle, Washington**

SAN FRANCISCO BRANCH: 591 Mission Street. Phone Sutter 40

**Increase Your Receiving  
Range 100% with**

**N. & K.  
6000 Ohm**

Twice the Resistance of Most  
Other Phones

**Radio Headset**

Get All the Long Distance  
Stations

Made by  
NEUFELDT & KUHNKE  
Kiel, Germany

**SPECIAL**

**INTRODUCTORY OFFER**

Our Price.....\$8.50 post paid  
Regular price.....\$14.50

Ideal  
for Loud Speaker Use

**C. H. Ruby**  
4719 YGNACIO AVENUE  
OAKLAND, CALIFORNIA

**GUARANTEE**

Money refunded if not sat-  
isfactory within five days.



Is what they all say about

**THE GIBBON'S  
CIRCUIT**

3000 Miles  
On

One Tube  
San Francisco to Havana

**MAIL ORDERS SOLICITED**  
*This advertisement good for  
ten per cent discount on any  
one purchase at this store*

**OPEN EVENINGS**

**FOLLOW THE ADVENTURES-  
OF THE RADIO BUG**

**CLAREMONT  
RADIO SHOP**  
5661 SHAFTER AVE.  
OAKLAND, CAL.

## SCHEDULES FOR THURSDAY, APRIL 26, 1923

7:00 to 7:30 a. m.—  
KUS—Los Angeles, City Dye Works

9:00 to 10:00 a. m.—  
KUO—San Francisco, Examiner

10:00 to 11:00 a. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
WOC—Davenport, Palmer Sch. Chiropractic

10:30 to 11:00 a. m.—  
KDZE—Seattle, Rhodes Co.  
WHB—Kansas City, Sweeny Auto School.

11:00 to 11:30 a. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
KFAV—Venice, Cal., Abbott-Kinney

11:30 a. m. to 12:00 m.—  
KFAV—Venice, Cal., Abbott-Kinney  
KLS—Oakland, Warner Brothers

12:00 m. to 12:30 p. m.—  
KUS—Los Angeles, City Dye Works

12:00 m. to 1:00 p. m.—  
KLS—Oakland, Warner Brothers  
WHB—Kansas City, Sweeny Auto School.

12:30 p. m. to 1:00 p. m.—  
KHJ—Los Angeles, Times

1:00 to 1:30 p. m.—  
KWH—Los Angeles, Examiner—  
KLZ—Denver, Reynolds Radio Co.

1:00 to 2:00 p. m.—  
KQW—San Jose, Herrold Laboratories  
WBAP—Forth Worth, Tex., Star-Telegram  
WOC—Davenport, Palmer Sch. Chiropractic

2:00 to 3:00 p. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
KUS—Los Angeles, City Dye Works  
WDAF—Kansas City, Star

2:30 to 3:30 p. m.—  
KUO—San Francisco, Examiner  
KFHJ—Santa Barbara, Fallon & Co.  
WMAQ—Chicago Daily News

3:00 to 4:00 p. m.—  
KFBK—Sacramento, Kimball-Upson  
KZN—Salt Lake City, Deseret News

3:30 to 4:00 p. m.—  
KDZE—Seattle, Rhodes Co.  
KLX—Oakland, Tribune,  
WOC—Davenport, Palmer Sch. Chiropractic

4:00 to 4:30 p. m.—  
KLX—Oakland, Tribune,  
KDZE—Seattle, Rhodes Co.  
KFAW—Santa Ana, Radio Den

4:00 to 5:00 p. m.—  
KVG—Stockton, Portable Wireless  
KFEC—Portland, Meier & Frank  
WDAF—Kansas City, Star  
KDYX—Honolulu, Star-Bulletin

4:30 to 5:30 p. m.—  
KPO—San Francisco, Hale Brothers

5:00 to 6:00 p. m.—  
KJQ—Stockton, C. O. Gould  
KGG—Portland, Hallock & Watson  
KFI—Los Angeles, Earle C. Anthony  
WOC—Davenport, Palmer Sch. Chiropractic  
WMAQ—Chicago Daily News  
KGU—Honolulu, The Advertiser  
WHB—Kansas City, Sweeny Auto School.

5:30 to 6:00 p. m.—  
KUO—San Francisco, Examiner  
WWJ—Detroit, Evening News  
KJR—Seattle, Wash., V. I. Craft  
KFAT—Eugene, Oregon, Pac. Radio Co.

6:00 to 6:30 p. m.—  
KUO—San Francisco, Examiner  
KFBK—Sacramento, Kimball-Upson  
KWH—Los Angeles, Examiner—  
KGU—Honolulu, The Advertiser

6:00 to 7:00 p. m.—  
KDYL—Salt Lake City, Telegram  
KSD—St. Louis, Post Dispatch  
KFFA—San Diego, R. O. Sheldon  
WWJ—Detroit, Evening News  
WOC—Davenport, Palmer Sch. Chiropractic

6:30 to 7:00 p. m.—  
KXD—Modesto, Herald  
KZM—Oakland, Hotel Oakland

7:00 to 7:30 p. m.—  
WWJ—Detroit, Evening News  
KLX—Oakland, Tribune,  
KHJ—Los Angeles, Times  
KFI—Los Angeles, Earle C. Anthony  
KDPT—San Diego, Southern Electric Co.  
KFHJ—Santa Barbara, Fallon & Co

7:00 to 8:00 p. m.—  
KZN—Salt Lake City, Deseret News  
KLZ—Denver, Reynolds Radio Co.  
KDYS—Great Falls, Montana, Tribune  
KSD—St. Louis, Post Dispatch  
WDAF—Kansas City, Star  
WMAQ—Chicago Daily News

7:30 to 8:00 p. m.—  
KGG—Portland, Hallock & Watson  
KHQ—Seattle, Washington, L. Wasmer

8:00 to 8:30 p. m.—  
KZN—Salt Lake City, Deseret News  
WDAP—Chicago, Drake Hotel  
KHQ—Seattle, Washington, L. Wasmer

8:00 to 9:00 p. m.—  
KFI—Los Angeles, Earle C. Anthony  
KHJ—Los Angeles, Times  
KGO—Altadena, Radio Laboratory  
KDYS—Great Falls, Montana, Tribune  
KPO—San Francisco, Hale Brothers  
KJS—Los Angeles, Bible Institute  
KFBC—San Diego, W. K. Azbill  
KSD—St. Louis, Post Dispatch  
WDAF—Kansas City, Star

8:30 to 9:00 p. m.—  
KFAW—Santa Ana, Radio Den  
CFCB—Vancouver, B. C., Marconi Co.

9:00 to 9:30 p. m.—  
KFAW—Santa Ana, Radio Den  
CFCB—Vancouver, B. C., Marconi Co.

9:00 to 10:00 p. m.—  
KJR—Seattle, Wash., V. I. Craft  
WDAP—Chicago, Drake Hotel  
KPO—San Francisco, Hale Brothers  
WDAF—Kansas City, Star  
KSD—St. Louis, Post Dispatch  
WFAA—Dallas, News  
KWH—Los Angeles, Examiner—  
KFBC—San Diego, W. K. Azbill  
KFHJ—Santa Barbara, Fallon & Co.  
KHJ—Los Angeles, Times  
KDYX—Honolulu, Star-Bulletin

10:00 to 11:00 p. m.—  
KFI—Los Angeles, Earle C. Anthony  
WDAP—Chicago, Drake Hotel  
KGU—Honolulu, The Advertiser

# CORYPHONE

## LOUD SPEAKER

has the very quality you have wanted for so long

Its tone, scientific construction, and individuality of its appearance are the result of 26 years of telephone experience.

Coryphone "Loud Speaker" plugs in like a headset—no external battery is required.

It has an adjustable feature to compensate for individual conditions and can be used with dry cell and storage battery receiving sets.



AT THE LOWEST  
PRICE ITS  
QUALITY  
PERMITS

\$ 40

### Other Cory Quality Radio Telephone Equipment

CORYPHONE "MASTERTONE" SPEAKER, \$22.00	
CORYPHONE	CORYPHONE
"RADIO" HEADSETS	"RADIO" HEADSETS
DOUBLE RECEIVER TYPE	SINGLE RECEIVER TYPE
3200 OHMS, \$9.50	1600 OHMS, \$5.00
2000 OHMS \$8.00	1000 OHMS, \$4.25
CORYJACKS, 60c, 70c, 80c; CORYPLUGS, \$1.00 Each	

**SOLD BY ESTABLISHED DEALERS EVERYWHERE**

If Your Local Dealer Cannot Supply You, Send Your  
Order and Remittance Direct to Us.

ILLUSTRATED LITERATURE ON REQUEST

**CHAS. CORY & SON, Inc.**

11 MISSION STREET

SAN FRANCISCO

# PROGRAMS FOR THURSDAY, APRIL 26, 1923

## PROGRAM FOR KPO Hale Brothers Radio Station San Francisco, California

8:00 to 10:00 p. m.—  
Organ recital by Miss Gladys Salisbury, one-half hour.  
Clem Demsey's U. C. Orchestra, with Clem Demsey at the piano; William Shea, cornet; William Rodgers, cornet; Hal Moore, saxophone; Ralph Myers, saxophone; Ed. Stanley, drums; Ray Demsey, banjo.  
Lady of the Evening  
When Will I Know?  
Marcheta  
I Cried for You, Now It's Your Turn to Cry  
Over Me  
Rose of the Rio Grande  
Fate  
Crinoline Days  
Aunt Hagar Blues  
By the Waters of the Minnetonka (saxophone and piano)  
Meet Me Next Sunday  
Eleanor  
Choo Choo Blues  
Frank Miller, baritone—  
On the Road to Mandalay....Kipling-Speaks  
At Dawning ..... Cadman  
Invictus ..... Huhn  
Duna ..... McGill  
Tommy, Lad ..... Margetson  
For You Alone.....Geehl  
Miss Pearl Randon, mezzo-soprano, will sing a group of Spanish songs, accompanied by Miss Gladys Salisbury at the organ.  
Miss Wimmer Bonner, contralto—Vocal selections.  
Dennis Sheern, tenor; accompanied by Mrs. Sheern.  
Dearest  
Somewhere a Voice Is Calling  
Lassie o' Mine (Scotch ballad)  
Humpty-Dumpty  
Early to Bed, Early to Rise  
Songs of Twenty Years Ago

## PROGRAM FOR WMAQ Chicago Daily News

2:35 p. m.—  
Program arranged by the Lyceum Arts Conservatory.  
5:00 p. m.—  
Short talk for Boy Scouts; weekly event.  
Gardening talk by Mrs. J. C. Weis. This is National Garden Week.  
Humorous reading—"Supply and Demand," by H. W. Graham.  
Rockwell Stevens, Chicago Daily News automobile editor, will give the first of his series on "Interesting Auto Trails."  
7:15 p. m.—  
Program by Richard De Young and the Hayden Trio.

## PROGRAM FOR KHJ Los Angeles Times Los Angeles, California

12:30 to 1:15 p. m.—  
News Items, Music.  
6:45 to 7:30 p. m.—  
Children's Hour.  
Music and bedtime story.  
8:00 to 10:00 p. m.—  
Featuring Southern Pacific Company's Band in program; atmospheric setting of railroad station.

## PROGRAM FOR KGW The Morning Oregonian Portland, Oregon

11:30 a. m.—  
United States Weather forecast (485 meters)  
3:30 to 4:00 p. m.—  
Woman's Program.  
7:30 p. m.—  
United States Weather forecast (485 meters)

## PROGRAM FOR KZM Hotel Oakland Oakland, California

6:45 to 7:00 p. m.—  
News bulletins furnished by the Oakland Tribune, and final ball scores.

## PROGRAM FOR WBAP The Star-Telegram Fort Worth, Texas

5:00 to 6:00 p. m.—  
Concert by the North Fort Worth High School Orchestra and Glee Club.  
7:30 to 8:30 p. m.—  
Concert by the Baptist Sunday School Orchestra of Abilene, Texas.

## PROGRAM FOR WOC The Palmer School of Chiropractic, Davenport, Iowa

1:30 p. m.—  
Educational talk by Karl G. Stephan  
3:45 p. m.—  
Chimes concert  
4:35 p. m.—  
Sandman's visit  
5:00 p. m.—  
Artist musical program. Edwin Swindell, musical director. This program is to be an old-time fiddlers' contest.  
6:00 p. m.—  
Educational lecture—First of a series of three lectures on "Citizens' Military Training Camps." The speaker for this lecture is Capt. D. D. Dewey, Q. M. D., O. R. C., U. S. A.

## PROGRAM FOR WDAF Kansas City Star

1:30 to 2:30 p. m.—  
Concert.  
1:00 to 5:00 p. m.—  
Educational features and musical program.  
6:00 to 7:30 p. m.—  
Concert.  
9:45 to 11:00 p. m.—  
Nighthawk Frolic, Coon-Sanders Orchestra.

## PROGRAM FOR WHB Sweeney Auto & Electrical School Kansas City, Missouri

10:30 to 11:00 a. m.—  
Popular musical concert.  
12:00 m. to 1:00 p. m.—  
Ladies' hour program of classical music.  
5:00 to 5:30 p. m.—  
Children's program. Bedtime stories, etc.

## PROGRAM FOR KFI Earle C. Anthony, Inc. Los Angeles, California

6:45 to 7:30 p. m.—  
Peter Rabbit and His Friends.  
Y. M. C. A., H. G. Eddy, publicity secretary.  
8:00 to 9:00 p. m.—  
Program given by Evening Herald.  
9:00 to 10:00 p. m.—  
Program arranged by Los Angeles Examiner.  
9:00 to 10:00 p. m.—  
Open.

## SCHEDULES FOR FRIDAY, APRIL 27, 1923

- 7:00 to 7:30 a. m.—  
KUS—Los Angeles, City Dye Works
- 9:00 to 10:00 a. m.—  
KUO—San Francisco, Examiner
- 10:00 to 11:00 a. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
WOC—Davenport, Palmer Sch. Chiropractic
- 10:30 to 11:00 a. m.—  
KDZE—Seattle, Rhodes Co.  
WFAA—Dallas, News  
WHB—Kansas City, Sweeny Auto School.
- 11:00 to 11:30 a. m.—  
KFDB—San Francisco, Mercantile Trust Co.
- 11:30 a. m. to 12:00 m.—  
KLS—Oakland, Warner Brothers
- 12:00 m. to 12:30 p. m.—  
KLS—Oakland, Warner Brothers  
KUS—Los Angeles, City Dye Works  
WHB—Kansas City, Sweeny Auto School.
- 12:30 p. m. to 1:00 p. m.—  
KLS—Oakland, Warner Brothers  
KHJ—Los Angeles, Times  
KDZE—Seattle, Rhodes Co.  
WHB—Kansas City, Sweeny Auto School.
- 1:00 to 1:30 p. m.—  
KWH—Los Angeles, Examiner—  
KDZE—Seattle, Rhodes Co.
- 1:00 to 2:00 p. m.—  
KQW—San Jose, Herrold Laboratories  
WOC—Davenport, Palmer Sch. Chiropractic
- 2:00 to 3:00 p. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
KUS—Los Angeles, City Dye Works  
KFAV—Venice, Cal., Abbott-Kinney
- 2:30 to 3:30 p. m.—  
KUO—San Francisco, Examiner  
KFHJ—Santa Barbara, Fallon & Co.  
WMAQ—Chicago Daily News
- 3:00 to 4:00 p. m.—  
KFBK—Sacramento, Kimball-Upson  
KZN—Salt Lake City, Deseret News
- 3:30 to 4:00 p. m.—  
KLX—Oakland, Tribune,  
KDZE—Seattle, Rhodes Co.  
KGW—Portland, Oregonian  
WOC—Davenport, Palmer Sch. Chiropractic
- 4:00 to 4:30 p. m.—  
KUS—Los Angeles, City Dye Works  
KLX—Oakland, Tribune,  
KDZE—Seattle, Rhodes Co.  
KFAW—Santa Ana, Radio Den
- 4:00 to 5:00 p. m.—  
KGW—Portland, Oregonian  
KDYX—Honolulu, Star-Bulletin
- 4:30 to 5:30 p. m.—  
KPO—San Francisco, Hale Brothers
- 5:00 to 6:00 p. m.—  
KGG—Portland, Hallock & Watson  
KUO—San Francisco, Examiner  
KJQ—Stockton, C. O. Gould  
WOC—Davenport, Palmer Sch. Chiropractic  
WMAQ—Chicago Daily News  
KGU—Honolulu, The Advertiser  
WHB—Kansas City, Sweeny Auto School.  
WRAP—Forth Worth, Tex., Star-Telegram  
WHB—Kansas City, Sweeny Auto School.
- 5:30 to 6:00 p. m.—  
WDAF—Kansas City, Star  
WWJ—Detroit, Evening News  
KJR—Seattle, Wash., V. I. Craft  
WRAP—Forth Worth, Tex., Star-Telegram  
KFAT—Eugene, Oregon, Pac. Radio Co.
- 6:00 to 6:30 p. m.—  
KUO—San Francisco, Examiner  
KFBK—Sacramento, Kimball-Upson  
KWH—Los Angeles, Examiner—  
KUS—Los Angeles, City Dye Works  
KGU—Honolulu, The Advertiser
- 6:00 to 7:00 p. m.—  
KSD—St. Louis, Post Dispatch  
KFFA—San Diego, R. O. Sheldon  
KMO—Tacoma, Wash., Love Electric Co.  
KDYL—Salt Lake City, Telegram  
WWJ—Detroit, Evening News  
WOC—Davenport, Palmer Sch. Chiropractic  
WHB—Kansas City, Sweeny Auto School.
- 6:30 to 7:00 p. m.—  
KXD—Modesto, Herald  
KZM—Oakland, Hotel Oakland
- 7:00 to 7:30 p. m.—  
WWJ—Detroit, Evening News  
KLX—Oakland, Tribune,  
KHJ—Los Angeles, Times  
KFI—Los Angeles, Earle C. Anthony  
KDPT—San Diego, Southern Electric Co.  
KGW—Portland, Oregonian  
WFAA—Dallas, News  
KFHJ—Santa Barbara, Fallon & Co.
- 7:00 to 8:00 p. m.—  
KDYS—Great Falls, Montana, Tribune  
KZN—Salt Lake City, Deseret News  
WDAF—Kansas City, Star  
KSD—St. Louis, Post Dispatch  
KFAE—Denver, Western Radio Co.  
WMAQ—Chicago Daily News  
WBAP—Forth Worth, Tex., Star-Telegram  
WHB—Kansas City, Sweeny Auto School.
- 7:30 to 8:30 p. m.—  
KFAE—Pullman, Wash., State College
- 8:00 to 8:30 p. m.—  
KZN—Salt Lake City, Deseret News  
KDZE—Seattle, Rhodes Co.  
KFAE—Pullman, Wash., State College  
WBAP—Forth Worth, Tex., Star-Telegram
- 8:00 to 9:00 p. m.—  
KLS—Oakland, Warner Brothers  
KFI—Los Angeles, Earle C. Anthony  
KFDB—San Francisco, Mercantile Trust Co.  
KWG—Stockton, Portable Wireless  
KHJ—Los Angeles, Times  
KMJ—Fresno, San Joaquin L. & P. Co.  
KDYM—San Diego, Savoy Theatre  
KGW—Portland, Oregonian  
KDYS—Great Falls, Montana, Tribune
- 8:30 to 9:00 p. m.—  
KFAW—Santa Ana, Radio Den  
KFAV—Venice, Cal., Abbott-Kinney  
KJR—Seattle, Wash., V. I. Craft  
CFGB—Vancouver, B. C., Marconi Co.
- 9:00 to 9:30 p. m.—  
KJR—Seattle, Wash., V. I. Craft  
KHJ—Los Angeles, Times  
CFGB—Vancouver, B. C., Marconi Co.  
KFAV—Venice, Cal., Abbott-Kinney
- 9:00 to 10:00 p. m.—  
KLX—Oakland, Tribune,  
KFDB—San Francisco, Mercantile Trust Co.  
KWH—Los Angeles, Examiner—  
KDYM—San Diego, Savoy Theatre  
KFHJ—Santa Barbara, Fallon & Co.  
KDYX—Honolulu, Star-Bulletin
- 9:30 to 10:00 p. m.—  
KHQ—Seattle, Washington, L. Wasmer
- 10:00 to 11:00 p. m.—  
KFI—Los Angeles, Earle C. Anthony  
KGU—Honolulu, The Advertiser



## PROGRAMS FOR FRIDAY, APRIL 27, 1923

### PROGRAM FOR KLX The Oakland Tribune Oakland, California

3:30 to 5:15 p. m.—  
Baseball scores.  
7:00 to 7:30 p. m.—  
Instrumental and vocal program by pupils of Technical High School of Oakland.  
9:00 to 10:00 p. m.—  
Instrumental program by the Classical Four Orchestra of Richmond;  
You Tell Her; I Stutter—Orchestra.  
Long-neck banjo and piano feature by B. S. Calfee, banjoist; J. A. Sturm, pianist.  
Carolina in the Morning—Orchestra.  
Tenor banjo feature.  
The Sunshine of Your Smile—Soprano solo, Elza Gilreath Calfee, supported by orchestra  
Maggie Blues—Orchestra.  
When I'm Alone. Featuring Edwin Fanning, saxophone soloist.  
Andantino La Marr—Violin duet by Ross L. and Burke S. Calfee.  
The Flower of Araby—Orchestra. Featuring Jack Sinnett on the jazz whistle.  
Day by Day in Every Way I Love You More and More—Orchestra.  
Don't Say Good-bye—Banjo and piano; chorus by Elza Calfee.  
May Belle (fox trot). Introducing California Sunshine Waltz—Orchestra.  
Waiting for You—Orchestra.  
Starlight Love—Solo by Elza Gilreath Calfee  
You Got to See Mamma Every Night—Orchestra.  
Good Night, Dear—Orchestra.

### PROGRAM FOR KGW The Morning Oregonian Portland, Oregon

3:30 to 4:00 p. m.—  
Woman's program.  
7:00 to 7:30 p. m.—  
University of Oregon Extension Course lecture.  
8:00 to 8:15 p. m.—  
Vocal solos.  
8:15 to 9:00 p. m.—  
George Olsen and his orchestra of the Portland Hotel.  
11:00 to 12:00 p. m.—  
Regular semi-weekly meeting of the Hoot Owls.

### PROGRAM FOR KHJ Los Angeles Times Los Angeles, California

12:30 to 1:15 p. m.—  
News items. Music.  
6:45 to 7:30 p. m.—  
Children's Hour.  
Music and bedtime story.  
8:00 to 10:00 p. m.—  
University of Southern California presenting faculty and artist pupils of Conservatory of Music in de luxe program.

### PROGRAM FOR WBAP The Star-Telegram Fort Worth, Texas

5:00 to 5:30 p. m.—  
Concert by C. B. Brooks and family of the Southwestern Baptist Seminary, Fort Worth.  
7:30 to 8:30 p. m.—  
Bi-monthly radio concert of Texas Christian University, Fort Worth.

### PROGRAM FOR KLS Warner Brothers Radio Station Oakland, California

8:00 to 9:00 p. m.—  
Mr. and Mrs. Moser will be with us again for the evening. Mr. Moser will sing a number of popular songs with Mrs. Moser accompanied at the piano.  
Miss Josephine Hughes will again be with us. She will render all of the latest numbers on the piano.

### PROGRAM FOR KFBK Kimball-Upson Company Sacramento, California

3:00 to 4:00 p. m.—  
Selected organ numbers from the T. & D. Theatre. Educational features.  
6:00 to 6:45 p. m.—  
Educational features; auto and outing information; weather forecast; code practice; baseball scores.

### PROGRAM FOR KFI Earle C. Anthony, Inc. Los Angeles, California

6:45 to 7:30 p. m.—  
Peter Rabbit and His Friends.  
10:00 to 11:00 p. m.—  
Sherwood Music School.  
California Federation of Music Clubs; Clarence Gustin, first vice-president, Santa Ana.

### PROGRAM FOR KFAE State College, Pullman, Washington

7:30 to 8:30 p. m.—  
Significance of the Printed Word—Prof. Joe Ashlock.  
A Rural Woman's Club—Miss Maude Wilson  
Music  
Talk on Plant Diseases.

### PROGRAM FOR WDAF Kansas City Star

1:30 to 2:30 p. m.—  
Concert.  
4:00 to 5:00 p. m.—  
Educational features and musical program.  
6:00 to 7:30 p. m.—  
Concert.  
9:45 to 11:00 p. m.—  
Nighthawk Frolic, Coon-Sanders Orchestra.

### PROGRAM FOR WHB Sweeny Auto & Electrical School Kansas City, Missouri

10:30 to 11:00 a. m.—  
Popular musical concert.  
12:00 m. to 1:00 p. m.—  
Ladies' hour program of classical music.  
5:00 to 5:30 p. m.—  
Children's program. Bedtime stories, etc.  
6:00 to 8:00 p. m.—  
Regular evening concert.

### PROGRAM FOR WMAQ Chicago Daily News

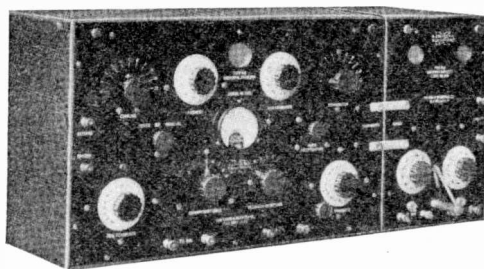
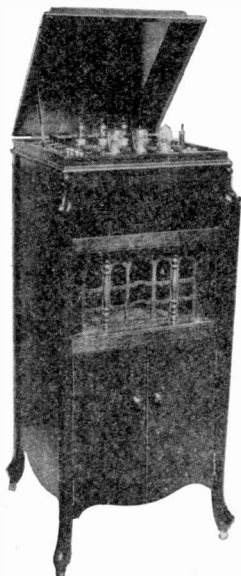
2:35 p. m.—  
Program arranged by the Columbia School of Music.  
5:00 p. m.—  
Musical lecture by Mrs. Marx E. Oberndorfer.  
7:15 p. m.—  
Czechoslovakian program to be given by Anna Lukesova, soprano; with a talk by Dr. Smetanka, consul.



## IT PAYS YOU

to buy your radio equipment from a concern who understands every angle of the business. When you buy from the Radio Marketing Corporation you are buying from a firm who have given the radio business their deepest study and in a position to give you the benefit of this by their service.

### A Few of Our Popular Sets



### EASY TERMS

Sets from \$30.00 to \$1,500.00  
Peanut Tube Set Complete, \$30.00

KENNEDY

WESTINGHOUSE

GREBE

RAMARCO

## RADIO MARKETING CORP.

329 Fourteenth Street, Oakland, Cal.

*Oakland's Big, Reliable Radio House*

## SCHEDULES FOR SATURDAY, APRIL 28, 1923

- 7:00 to 7:30 a. m.—  
KUS—Los Angeles, City Dye Works
- 9:00 to 10:00 a. m.—  
KUO—San Francisco, Examiner
- 10:00 to 11:00 a. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
KJS—Los Angeles, Bible Institute
- 10:30 to 11:00 a. m.—  
KDZE—Seattle, Rhodes Co.  
WFAA—Dallas, News  
WHB—Kansas City, Sweeny Auto School.
- 11:00 to 11:30 a. m.—  
KFDB—San Francisco, Mercantile Trust Co.  
KFEC—Portland, Meier & Frank  
KFAV—Venice, Cal., Abbott-Kinney
- 11:30 a. m. to 12:00 m.—  
KLS—Oakland, Warner Brothers  
KFEC—Portland, Meier & Frank  
KFAV—Venice, Cal., Abbott-Kinney
- 12:00 m. to 12:30 p. m.—  
WHB—Kansas City, Sweeny Auto School.  
KLS—Oakland, Warner Brothers  
KUS—Los Angeles, City Dye Works  
WOC—Davenport, Palmer Sch. Chiropractic
- 12:30 p. m. to 1:00 p. m.—  
KLS—Oakland, Warner Brothers  
KHJ—Los Angeles, Times  
WHB—Kansas City, Sweeny Auto School.
- 1:00 to 1:30 p. m.—  
KWH—Los Angeles, Examiner—
- 1:00 to 2:00 p. m.—  
KQW—San Jose, Herrold Laboratories  
WBAP—Forth Worth, Tex., Star-Telegram
- 2:00 to 3:00 p. m.—  
KFDB—San Francisco, Mercantile Trust Co.
- 2:30 to 3:30 p. m.—  
KUO—San Francisco, Examiner  
KFHJ—Santa Barbara, Fallon & Co.  
WMAQ—Chicago Daily News
- 3:00 to 4:00 p. m.—  
KFBK—Sacramento, Kimball-Upson  
KZN—Salt Lake City, Deseret News
- 3:30 to 4:00 p. m.—  
KLX—Oakland, Tribune.  
KDZE—Seattle, Rhodes Co.  
KGW—Portland, Oregonian  
WOC—Davenport, Palmer Sch. Chiropractic
- 4:00 to 4:30 p. m.—  
KLX—Oakland, Tribune.  
KDZE—Seattle, Rhodes Co.  
KFAW—Santa Ana, Radio Den
- 4:00 to 5:00 p. m.—  
KWG—Stockton, Portable Wireless  
KFEC—Portland, Meier & Frank  
RDYX—Honolulu, Star-Bulletin
- 4:30 to 5:30 p. m.—  
KPO—San Francisco, Hale Brothers
- 5:00 to 6:00 p. m.—  
KUO—San Francisco, Examiner  
KJQ—Stockton, C. O. Gould  
KGG—Portland, Hallock & Watson  
KGU—Honolulu, The Advertiser  
WHB—Kansas City, Sweeny Auto School.
- 5:30 to 6:00 p. m.—  
WDAF—Kansas City, Star  
WWJ—Detroit, Evening News  
KJR—Seattle, Wash., V. I. Craft  
KFAT—Eugene, Oregon, Pac. Radio Co.
- 6:00 to 6:30 p. m.—  
KUO—San Francisco, Examiner  
KFBK—Sacramento, Kimball-Upson  
KWH—Los Angeles, Examiner—  
KUS—Los Angeles, City Dye Works  
KGU—Honolulu, The Advertiser
- 6:00 to 7:00 p. m.—  
KSD—St. Louis, Post Dispatch  
KFFA—San Diego, R. O. Sheldon  
KMO—Tacoma, Wash., Love Electric Co.  
KDYL—Salt Lake City, Telegram  
WWJ—Detroit, Evening News
- 6:30 to 7:00 p. m.—  
KXD—Modesto, Herald  
KZM—Oakland, Hotel Oakland  
WOC—Davenport, Palmer Sch. Chiropractic  
WBAP—Forth Worth, Tex., Star-Telegram
- 7:00 to 7:30 p. m.—  
KLX—Oakland, Tribune.  
KHJ—Los Angeles, Times  
KFI—Los Angeles, Earle C. Anthony  
KDPT—San Diego, Southern Electric Co.  
WWJ—Detroit, Evening News  
WFAA—Dallas, News  
KFHJ—Santa Barbara, Fallon & Co.
- 7:00 to 8:00 p. m.—  
KZN—Salt Lake City, Deseret News  
KDYS—Great Falls, Montana, Tribune  
KSD—St. Louis, Post Dispatch  
WDAF—Kansas City, Star  
WOC—Davenport, Palmer Sch. Chiropractic  
WMAQ—Chicago Daily News
- 7:30 to 8:00 p. m.—  
KGG—Portland, Hallock & Watson  
KHQ—Seattle, Washington, L. Wasmer
- 8:00 to 8:30 p. m.—  
KZN—Salt Lake City, Deseret News  
KHQ—Seattle, Washington, L. Wasmer
- 8:00 to 9:00 p. m.—  
KPO—San Francisco, Hale Brothers  
KDPT—San Diego, Southern Electric Co.  
KFI—Los Angeles, Earle C. Anthony  
KSD—St. Louis, Post Dispatch  
WDAF—Kansas City, Star  
KGG—Portland, Hallock & Watson  
KDYS—Great Falls, Montana, Tribune  
WOC—Davenport, Palmer Sch. Chiropractic  
KHJ—Los Angeles Times  
KFAT—Eugene, Oregon, Pac. Radio Co.
- 8:30 to 9:00 p. m.—  
KFAW—Santa Ana, Radio Den  
KJR—Seattle, Wash., V. I. Craft  
CFCB—Vancouver, B. C., Marconi Co.
- 9:00 to 9:30 p. m.—  
CFCB—Vancouver, B. C., Marconi Co.
- 9:00 to 10:00 p. m.—  
KPO—San Francisco, Hale Brothers  
KWH—Los Angeles, Examiner—  
KJR—Seattle, Wash., V. I. Craft  
KDPT—San Diego, Southern Electric Co.  
WDAF—Chicago, Drake Hotel  
WFAA—Dallas, News  
KHJ—Los Angeles Times  
KDYS—Honolulu, Star-Bulletin  
KFHJ—Santa Barbara, Fallon & Co.
- 9:30 to 10:00 p. m.—  
WOC—Davenport, Palmer Sch. Chiropractic  
WBAP—Forth Worth, Tex., Star-Telegram
- 10:00 to 11:00 p. m.—  
KFI—Los Angeles, Earle C. Anthony  
WDAF—Chicago, Drake Hotel  
KGU—Honolulu, The Advertiser  
WBAP—Forth Worth, Tex., Star-Telegram

# The White House

## Outstanding Features *of the Radio Show on display and being demonstrated*

Miniature Radio Frequency Tube, same as used in the Western  
Electric Set which received all the speech and  
music on the loop during the show.



Full line of interchangeable Units and Parts

## *New Westinghouse Rechargeable "B" Battery*

*Federal Radio Parts*

*Raphael Weill & Co. Inc.*

*Fourth Floor*

SAN FRANCISCO

CALIFORNIA

## PROGRAMS FOR SATURDAY, APRIL 28, 1923

### PROGRAM FOR KPO Hale Brothers Radio Station San Francisco, California

8:00 to 10:00 p. m.—  
The Kiwanis Club of San Francisco has prepared this evening's program. It has assembled a group of musicians from its members and their friends who will entertain and interestingly instruct listeners in. Among these are Mrs. George Harold Mullin, soprano; Howard C. Millholland, dramatic readings and recitations; Emil J. Cardinal, dramatic tenor; Harry Perry, vocal selections; Mrs. James T. Trevorrow, contralto; Miss Marjorie Williams, violin; The Kiwanis chanters.

### PROGRAM FOR KHJ Los Angeles Times Los Angeles, California

12:30 to 1:15 p. m.—  
News items. Music.  
6:45 to 7:30 p. m.—  
Children's Hour.  
Music and bedtime story by "Uncle John."  
8:00 to 10:00 p. m.—  
Silent night.

### PROGRAM FOR WOC The Palmer School of Chiropractic, Davenport, Iowa

8:55 a. m.—  
Time signals (485 meters)  
9:00 a. m.—  
Weather and river forecast (485 meters)  
9:05 a. m.—  
Opening market quotations  
10:00 a. m.—  
Chimes concert  
12:00 m.—  
Closing stocks and markets  
1:30 p. m.—  
Educational talk by C. C. Hall  
3:45 p. m.—  
Chimes concert  
4:30 p. m.—  
Sport news  
4:35 p. m.—  
Sandman's visit  
5:00 p. m.—  
Artist musical program. Edwin Swindell, musical director. Program furnished by a group of artists from Kewanee, Illinois.  
7:30 p. m.—  
Dance program (on hour), by P. S. C. Orchestra.

### PROGRAM FOR WBAP The Star-Telegram Fort Worth, Texas

6:30 to 6:45 p. m.—  
Review of the interdenominational Sunday School lesson by Mrs. W. F. Barnum, leader of the Barnum Bible Class of the First Methodist Church.  
9:30 to 10:30 p. m.—  
On Saturday and Sunday the Star-Telegram observes a silent night, courtesy to its tube set listeners wishing to try for long distance records.

### PROGRAM FOR KLX The Oakland Tribune Oakland, California

3:30 to 4:30 p. m.—  
Baseball scores.  
7:00 to 7:30 p. m.—  
Code Practice.

### PROGRAM FOR KFI Earle C. Anthony, Inc. Los Angeles, California

6:45 to 7:30 p. m.—  
Peter Rabbit and His Friends.  
Los Angeles County Dental Society.  
Junior Music Clubs.  
8:00 to 9:00 p. m.—  
University of Southern California.  
10:00 to 11:00 p. m.—  
Packard Radio Club (male voices); Harry Coe, Ben McLaughlin and Leonard Berg; Madelyne Hardy, accompanist; Radio Central Station. Packard Building.

### PROGRAM FOR KLS Warner Brothers Radio Station Oakland, California

11:30 to 1:00 p. m.—  
Address by Mr. S. E. Tower, the fourth of a series of talks for boys.  
Phonograph selections, piano selections and special features.

### PROGRAM FOR KGW The Morning Oregonian Portland, Oregon

11:30 a. m.—  
United States weather forecast (485 meters).  
3:30 to 4:00 p. m.—  
Children's program.  
Piano selections by Mary Harney, pupil of Lawrence Woodfin. Stories by Aunt Nell.  
7:30 p. m.—  
United States weather forecast (485 meters).

### PROGRAM FOR WMAQ Chicago Daily News

5:00 p. m.—  
Talk by Samuel M. Felton, president Chicago Great Western Railway.  
7:15 p. m.—  
Program by the Lakeview High School Orchestra.

### PROGRAM FOR WDAF Kansas City Star

1:30 to 2:30 p. m.—  
Concert.  
4:00 to 5:00 p. m.—  
Educational features and musical program.  
6:00 to 7:30 p. m.—  
Concert.  
9:45 to 11:00 p. m.—  
Nighthawk Frolic, Coon-Sanders Orchestra.

### PROGRAM FOR WHB Sweeny Auto & Electrical School Kansas City, Missouri

10:30 to 11:00 a. m.—  
Popular musical concert.  
12:00 m. to 1:00 p. m.—  
Ladies' hour program of classical music.  
5:00 to 5:30 p. m.—  
Children's program. Bedtime stories, etc.

### PROGRAM FOR KFBK Kimball-Upson Company Sacramento, California

3:00 to 4:00 p. m.—  
Selected organ numbers from the T. & D. Theatre. Educational features.  
2:30 to 4:30 p. m.—  
Special program by the Sacramento Hotel Orchestra.  
6:00 to 6:45 p. m.—  
Educational features; auto and outing information; weather forecast; code practice; baseball scores.

## Broadcast Bill's Radiolays

By WILLIAM E. DOUGLASS

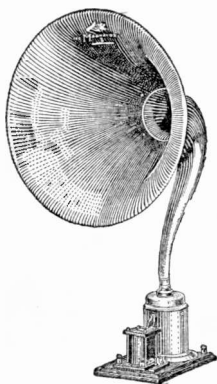


Charley Perkins an' his sweetie both have sets like mine. Charley—he lives right next door an' Gwen lives down the line. It used to be at night they'd try to sneak off to a show until her old man caught them an' told Charley where to go. But like all youthful lovers, they were bound to find a way to whisper those sweet pet names to each other every day. Then somehow Chuck discovered if he'd talk in his receivers that Gwendolyn could hear him, an' so these two young deceivers would sit most every evenin' fore it was time to go to bed, exchangin' lovin' messages. I heard what all wuz said. "In springtime young man's fancy lightly turns—" you know the rest. So naturally at this time Charles wuz goin' at his best. Last night while I wuz "listenin' in" to station JAN give out the latest stock reports I heard him callin' Gwen. "Hello, there, dear," he sez to her, "Can you hear me alright?" "Yes, honey-bunch," she answered him. "It's very clear tonight." They talked an' talked till almost nine when I heard Charley say, "I'm goin' to read some poetry I wrote 'bout you today." I reckon I wuz that way once but I had heard enough, so I yelled in my phones real loud, "Go on an' can that stuff." Of course, they knew I'd "listened in" an' heard their lovers' chat; it didn't seem to phase them, not a little thing like that. While I wuz tryin' hard to get some station in the West, those two kept right on talkin' till it got to be a pest. One station had a speaker on the subject "Winter Wheat" whose talk was interrupted by "Oh, Charley, dear, how sweet." An' when I picked up Denver, which wuz comin' in right clear, their conversation busted in with "Gwen, I love you, dear." About that time another voice appeared upon the scene. Gwen's father had been lis'nin' too an' he wuz seein' green, or mebbe when you get real mad, like he wuz; you see red. But, anyhow, I heard him say: "Young lady, go to bed." Now while I can't help but admire their youthful perseverance, I'm glad enough to get along without their "interference."

(Copyright, 1922, Westinghouse Electric and Manufacturing Company.)

# Magnavox Radio

*The Reproducer Supreme*



*Type R-2*

*The Highest Quality  
Loud Speaker Made*

*Now—*

**\$60.00**

*Manufactured by—*

**The Magnavox Company**  
Oakland, California

## YOUR SET

RE-BUILT—REPAIRED—RE-WIRED—TO REACH

**Seattle - Denver - Los Angeles**

AT A VERY REASONABLE PRICE, IS  
YOUR AMBITION—OUR SPECIALTY

**BOSSERMAN RADIO LABORATORIES**  
OPEN EVENINGS AND SUNDAYS **1520 ELLIS STREET**

## Save \$10 to \$20 up

STORAGE "A" BATTERY—80 Ampere Hour furnished for your Radio Set. Cost \$1.50 per month, including four recharges per month. When battery is dead, bring it in and exchange it for fully charged battery. No waiting.

**CLIFFORD AUTO ELECTRIC SERVICE**

585 20th Street  
Telephone Lakeside 1352

Between San Pablo and Telegraph  
After 6:00 p. m. Call Lakeside 4271

Oakland, Calif.

# 1800 MILE REFLEX

CIRCUIT and INSTRUCTIONS

**50c**

*Immediate  
Delivery*

**50c**

---

One Step "Radio," Detector and  
One Step "Audio" on  
ONE TUBE!

---

DEALERS:

Write for Special Proposition

---

**E. M. SARGENT CO.**

*"An Exclusive Radio Supply House"*

**1200 Franklin Street**

**Oakland, California**