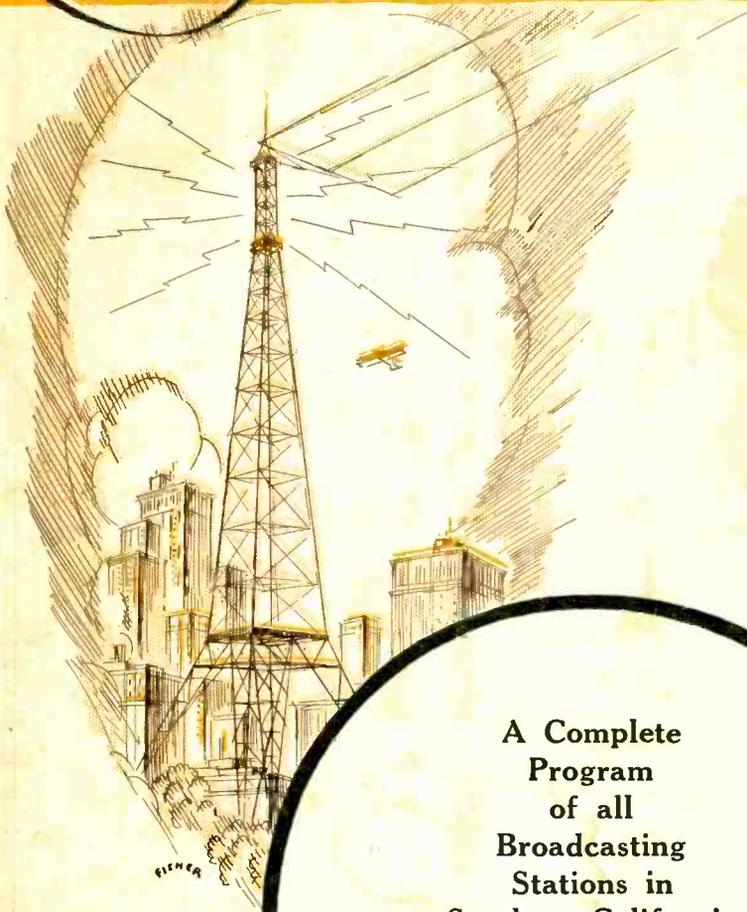


# RADIO DOINGS



A Complete  
Program  
of all  
Broadcasting  
Stations in  
Southern California

For Week  
AUGUST 21—AUGUST 27

Issue of  
AUGUST 19, 1922

Vol. I, No. 7

# Radio Sales Corporation of America

OFFICES 1224-1225 LOEW'S STATE BLDG.  
SEVENTH AND BROADWAY

*"We Lead the Field"*

## Radio Frequency Receiving Sets

RANGE OF WAVE LENGTH 150 TO 800 METERS

## Radio Broadcasting Sets

Dealers and Jobbers are cordially invited to attend demonstrations given daily at our offices, Rooms 1224-1225 Loew's State Building, Seventh and Broadway

**Telephone 610-62**

# Radio Doings

PUBLISHED WEEKLY

Phone 673-48

320 Van Nuys Building

Los Angeles, Cal.

Vol. I

Los Angeles, August 19, 1922

No. 7

Beginning with the next issue Radio Doings will be published a day earlier. Our subscribers will then receive their copies Monday morning, at the latest, and in some cases Saturday.

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"I am writing this from my camp on the west fork of the San Gabriel river. I started coming out here two years ago for week ends and, when I could spare the time, for longer stays. It was so quiet here, so far away from the busy world, so peaceful and so restful. We never got newspapers out here, that is, fresh ones, and we never felt we needed them. We just did not seem to care what was happening in the world and somehow the world seemed to get along quite as well.

"But all that is changed now. My neighbor has a radio. When it first came to our wilderness I felt as though something sacrilegious had intruded upon us, as if the outside world was clutching us and dragging us out of our quiet and peace. But that also is changed now. Every day now we eagerly listen to the news bulletins and so keep in touch with the world. Then we often listen-in to the concerts, and I think enjoy theme even more than those nearer by, for in our forest stillness there is something wonderfully beautiful in hearing the clear notes of a singer ride through the air like a winged messenger."

---

Barker Bros., Inc., are showing a progressive attitude towards radio sales development by fitting up an elaborate display room in their Music Department for exhibiting and demonstrating the latest types of receiving equipment. Combination phonograph and radio receiving models are being featured, using the coil antennac. Two three and five stages of radio frequency will be utilized in these models. The cabinets are both of the upright and console period types.

Below is an official announcement to Radio Doings from the Radio Corporation of America of their plans regarding the new broadcasting to be erected in San Francisco.

It is a fact that we will in the near future have a broadcasting station at San Francisco. The appropriation has been made and construction of the station will start within the next few weeks. The station will have 1000-watt capacity and all parts will be installed in duplicate. We will spare no effort to make the installation as perfect as possible. In our broadcasting program, we intend to follow quite closely the veteran Westinghouse-Radio Corporation stations in the East, and I am sure you will agree that they have set us a very good example. The installation will be made under the personal supervision of Dr. Goldsmith, who is in charge of our Research Department. A location has not as yet been definitely selected, but we expect to complete our negotiations along these lines within the next few days.

## Introductory Offer

This magazine will be mailed to your home for six months for only One Dollar—just enough to cover the mailing costs. Simply pin a dollar to this coupon and mail.

RADIO DOINGS,  
320 Van Nuys Building,  
Los Angeles, California.

Find one dollar enclosed. Mail "Radio Doings" for 6 months to

Name.....

Address.....

## A Station With Its Own Music

### How K F A C Came to Have Its Own Orchestra—The Story of the Station and Its Aims

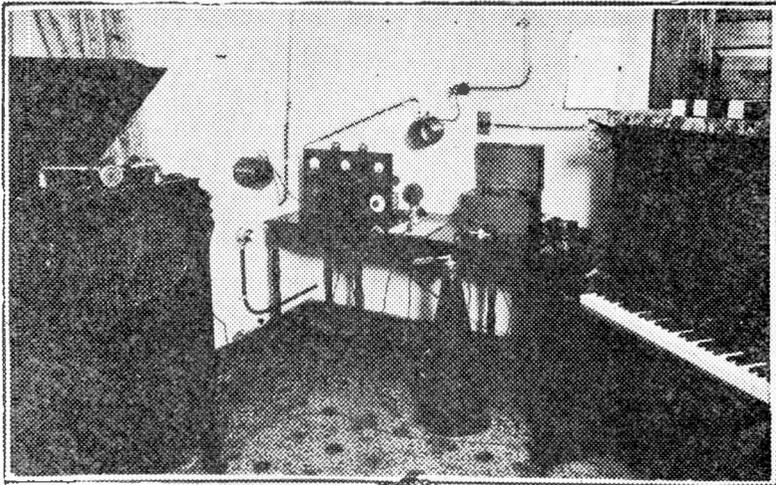


By N. D. GARVER  
Manager and Operator of K F A C

The distinctive feature of K F A C is its orchestra. It consists of four to eight pieces bearing its call letter, K F A C, and we believe this is the first station in Southern California to have an orchestra bearing its own name. The subsistence of the orchestra is paid by their playing at dances, orchestral recitals, etc., and it is conducted by Wilbur P. Funk, saxophone instructor.

An original stunt was pulled which caused the organization of this orchestra. One evening there were four artists scheduled to play solos on the saxophone, piano, violin and banjo. During a three-minute interval, these artists, who had never met each other before, were organized into a four-piece orchestra, and sat down and played request pieces for the remainder of the evening without a mistake, causing people to even go to the expense of long distance phone calls to pay their compliments and request their favorite pieces.

Radio K F A C is located at 222 South Brand boulevard, Glendale, California. A 50-watt radiophone, using the Cole-Pitts system, with one 50-watt modulator tube and one 50-watt oscillator tube. The standing antennae radiation is 3.5 amperes, modulating up to 4 amperes. This station has an 8-wire antennae, 70 feet long, with a lead in direct 73 feet long. Counterpoise is 18 wires, 78 feet long, spread 4 feet apart, directly beneath the aerial.



A VIEW OF THE K F A C STATION

# How Radio Works

## A Simple, Untechnical Explanation of How Radio Works

By LES TAUFENBACK

President of the Western Radio Electric Co.

(Continued From Last Week)

In response to numerous questions as to "how the radio works," the following explanation has been written. Although couched in simple terms, no statement has been made which is not technically correct.

When a rock is thrown into a pool of water, waves are created which travel outward in all directions, the waves taking the form of ever-expanded circles and growing weaker the farther away they get from the source. The rock might be compared to a radio sending station; an object in the path of the oncoming wave—a radio receiving station. This is, however, a very elementary comparison.

Sometimes when a piano or violin string is struck, a picture wire in the room will be found to vibrate and to send out the same note as the string. Other notes will not affect it, but one certain note will make it ring as if it had been struck itself.

The explanation is a simple problem in physics. When the violin string was struck, it sent out sound waves in all directions, waves which were vibrations of the air. If the note was high, there was a large number of vibrations per second, possibly 800; if it were a low note, possibly 200. It is known that sound travels through air at a rate of about 1200 feet per second. Each vibration of the string creates a wave. If there were 800 vibrations per second, 800 waves would be created each second, and at the instant that the 800th wave was being generated, the first would be 1200 feet away. There would then be 800 waves evenly distributed along a line 1200 feet long, or the distance between any two wave crests would be one and one-half feet. This distance is known as the wavelength. It can be readily seen that the higher the frequency of vibration of the string, the shorter will be the distance between each crest, or the shorter the wavelength.

Suppose the weight is hung on the bottom of the picture. It would then be found that a different note from the violin would be required to affect the picture string. We have "tuned" the picture string to a different "wavelength," and although a number of different wavelengths are being sent out by the violin, the "transmitting station," only one affects the "receiving set." Thus there has been developed a system, operated by sound waves, in which communication can be carried on, and in which the receiving station can choose at will the transmitter it wishes to receive. This system, though impractical, shows very clearly the principles on which wireless, or radio works.

There is one important difference between sound waves and wireless waves. Sound waves are motions of the air, created by vibration of different objects. Wireless waves are vibrations of the "ether"—a medium which fills all space—and are created by the vibration of electric currents. Sound waves affect the ear, because the air waves make the sensitive ear drum vibrate. Sound waves can thus be heard. Wireless waves are not vibrations of the air and therefore not even the waves from the wireless telephone can directly affect the ear. Some device must be used to change the electrical vibrations into sound. The most common instruments for this purpose are the telephone receiver and the loud-speaking horn.

In the case of the picture string, the "tuning" was done by changing the tension on the string. It can also be done by changing the length of

# K. O. G.

## Evening Herald Broadcasting Station

Owned and operated by Western Radio Electric Co.,  
637 South Hope St., Los Angeles

Program for the Week August 21st to August 27th

**MONDAY—**

5:00 to 5:30 p. m. Herald News Bulletins, Baseball Games and Closing Markets.

7:00 to 8:00 p. m. MARY PARKER LAWRENCE'S String Quartette, assisted by solo artists.

**TUESDAY—**

5:00 to 5:30 p. m. Herald News Bulletins, Baseball Games and Closing Markets.

**WEDNESDAY—**

4:30 to 5:00 p. m. Herald News Bulletins, Baseball Games and Closing Markets.

8:00 to 9:00 p. m. KELLAR AND FLOOD, Harp and Baritone Duo, in charge of the program.

**THURSDAY—**

5:00 to 5:30 p. m. Herald News Bulletins, Baseball Games and Closing Markets.

**FRIDAY—**

5:00 to 5:30 p. m. Herald News Bulletins, Baseball Games and Closing Markets.

7:00 to 8:00 p. m. SYLVIA HARDING'S TRIO, assisted by solo artists.

**SATURDAY—**

5:00 to 5:30 p. m. Herald News Bulletins, Baseball Games and Closing Markets.

# RADIO

Our Special Price on Variable Condensers

**\$3.00**

Still Holds Good

Newbery Equipment, Bought by Experts and Sold by Experts  
Offers Absolute Surety of Success in Building Your Radio

*All Articles Guaranteed*

## NEWBERY ELECTRIC CORPORATION

Bdwy. 5113

724-726 South Olive Street

142-65

K F A C has been heard in Portland, Oregon; San Francisco; Battle Mountain, Nevada, and San Diego, while fans at Catalina report the concerts clear and loud.

The station is in charge of N. D. Garver, who is radio editor of the Glendale Daily Press, and is owned and operated by J. A. Newton Electric Co., the leading radio dealers of Glendale.

This station has played on each evening's program but one phonograph record, with the exception of one evening, when they did not expect to operate and were forced to play three phonograph records. The station is being operated to please the public and finds it is not such a hard thing to do, after all. The programs through the week are arranged so as to give classical, popular and jazz music, thereby covering a broad field and pleasing all.



Left to Right: Edward Moniot, Banjo; Marion Jones, Piano; Wilbur Funk, Alto Saxophone, and Stanton D. Smith, Tenor Saxophone.

## *Crescent Inside Radio Aerial*

Eliminates all outside wires. Attach one end to an electric light socket and the other to the aerial binding post of your receiving set. You will be amazed at the wonderful results. Signals come in clearer and from remarkably long distances.

**Absolutely No Danger**

**CRESCENT STAMP COMPANY**

**Price \$1.00 Postpaid**

**301 Douglas Building, Los Angeles**

## K. N. X.

### Electric Lighting Supply Radiophone

Owned and operated by Electric Lighting Supply Co.,  
216 West Third St., Los Angeles

#### Program for the Week August 21st to August 27th

<b>MONDAY—</b> 12:30 to 1:00 p. m.	Instrumental.
<b>WEDNESDAY—</b> 11:00 to 12:00 p. m.	Instrumental.
<b>THURSDAY—</b> 10:30 to 11:00 a. m.	Instrumental.
<b>SATURDAY—</b> 2:15 to 3:00 p. m	<b>OPERA "CARMEN."</b> Musical score arranged by the Wiley B. Allen Co., 416 South Broadway.

The following selections will be played:

**ACT I—**Prelude; Habanera (Love Is Like a Wood Bird); Parle-moi de ma mere (Tell Me of My Mother); Seguidilla (Nears the Walls of Seville). **ACT II—**Chanson Boheme (Les tringles de sistres) (Gypsy Song); Toreador Song; Halte la. (Who Goes There); Air de la fleur (Flower Song); Il fior che avevi a me (Flower Song), in Italian; La-bas dans la montagne (Away to Yonder Mountains). **ACT III—**Voyons que j'essaie (Let Me Know My Fate); Scena delle carte (Card Scene) de Casas Italian and Prelude; Je dis que rien m'epouvante (Micaela's Air); Je suis Escamillo (I am Escamillo) Beyle-Dufranne. **ACT IV—**Aragonaise (Prelude); Situ m'aimes (If You Love Me); Se tu m'Ami-Salvador and Cigada, Italian and Intermezzo; C'est toi (You Here?); Je t'aime encore (Let Me Implore You).

**THE SYNOPSIS—**Don Jose, a young brigadier, betrothed to Micaela, a peasant girl in his native village, is quartered at Seville, near a factory where Carmen, a reckless and beautiful cigarette girl, stabs a fellow employee, and is arrested by Jose. She manages to fascinate him, and makes her escape. Jose is imprisoned for neglect of duty, but when released follows the gypsy to Pastia's Inn, where he finds Escamillo, a Toreador, and Zuniga, his captain, both paying court to Carmen. Stung with jealousy, he deserts and follows the band of smugglers Carmen has joined. The next act shows the smugglers' camp, and Carmen, already tired of her soldier, welcomes the Toreador, who has followed her. Jose is about to kill her when Misaela arrives with a summons from his dying mother. He goes, but threatens vengeance. In the last act the tragedy occurs, when Jose, half crazed with jealousy, kills Carmen outside the bull ring, where she is awaiting the triumphant Escamillo.

# EVERYTHING IN RADIO

## Vacuum Tubes—Complete Sets

### PARTS

OPEN SATURDAY EVENINGS

### ELECTRIC LIGHTING SUPPLY CO.

216 West Third Street

Los Angeles, California

We Carry a Full Line of Electrical and Radio Supplies

Main 1429 — K N X

## That Big Radio Show

**The Big Show Will Be in September and Will Be the Best Ever Held**

By **LEX B. BENJAMIN**  
President Southern California Broadcasting Association

All hands stand by——. No, the ship's not sinking, but the biggest Radio Show ever held in the west will take place the latter part of September, sponsored by the Southern California Broadcasting Association, the Southern California Radio Association and the Southern California Radio Trade Association. With these three agencies backing the show, it cannot help but be the biggest thing of its kind in the west.

The very latest in radio, Colonel Armstrong's Super Regenerative set, will be on exhibition, and full details of its workings will be shown. Every manufacturer and radio dealer will be represented by an attractive and interesting display of radio equipment. You will have the pleasure of seeing, perhaps for the first time, one of the original "coherers" used in the early days, before even a crystal was used for the reception of radio. There will be a number of innovations never seen before in any radio exposition in the west.

This radio exposition will not alone represent Southern California manufacturers and dealers, but will also include the best in radio equipment from all over the United States. It will be, to those interested in radio, the wonderful new form of transmission and entertainment, what the automobile show is to the automobile public.

Don't fail to listen in on your radiophone receiver, as every station in the west will broadcast the opening date of this show, so that you may attend.

Any information regarding the show or allotment of space in the same may be obtained from your radio dealer.

## YOUR RADIO MAGAZINE

Subscribe for it—the only sure way of getting it, as newsdealers frequently sell out early.

Radio Broadcast .....	\$3.00 a Year
Radio News .....	\$2.00 a Year
Radio of San Francisco.....	\$2.00 a Year
Popular Radio .....	\$1.50 a Year
Q. S. T.....	\$2.00 a Year
Radio Journal.....	\$2.50 a Year

Send all Subscriptions to

**H. A. HORWOOD**

**320 Van Nuys Building - - - Los Angeles, California**

**K. Y. J.**

**Hamburger's Radiophone**

Co-operating with the Los Angeles Express in Selection of Program  
 Owned and operated by Leo J. Meyberg Co.,  
 950 South Flower St., Los Angeles

**Program for the Week August 21st to August 27th**

- MONDAY—**  
 3:30 to 5:00 p. m. E. S. PATTERSON of the law firm of Moore and Patterson, speaking on some phase of our modern legal system. Entire musical program of the afternoon under the direction of WINIFRED WIDNEY VANCE, Instructor in Voice and Piano.
- TUESDAY—**  
 3:00 to 4:00 p. m. JEAN SMALEY, Whistler, presenting a program of familiar and classical favorites. MISS FLEMING, Irish Pianist, in a repertoire of her recent European successes. PROFESSOR JOHN PRICE ODELL of Occidental College, speaking on "The Interpretation of the Short Story."
- WEDNESDAY—**  
 3:00 to 4:00 p. m. BERT CAMMACK, Saxophonist, playing the popular songs of the day, as well as a number of familiar numbers from the past. SENOR JAMES BALDERAS, the eminent young pianist, offering a complete program of classical selections.
- THURSDAY—**  
 3:00 to 4:00 p. m. Entire program under the direction of the WALLIS SCHOOL OF DRAMATIC ART.
- FRIDAY—**  
 3:00 to 4:00 p. m. Entire program given by the pupils of MISS FLORENCE MIDDAUGH, Contralto. FLORENCE LORBEER, Mezzo-Soprano. MARIE DAVIES, Soprano. RUTH EBBS, Soprano. FRANKLIN PANGBORN, Baritone. Each singer will give a selection of his or her favorite numbers, all combining in an ensemble of melody.
- SATURDAY—**  
 4:00 to 5:00 p. m. MADAME JULIETTE OTTENBACHER, Soloist, and MRS. ROSE WERNER, Pianist. The following selections will be featured: "Ave Maria," by Cherubini, "Aux Printemps," by Gounod, and "My Curly Headed Baby," by Clutsani. MISS ETHELYN BALDRIDGE, Soprano, and MRS. MARY NEWMAN, Pianist, offering three songs.
- SUNDAY—**  
 6:00 to 7:00 p. m. Entire program under the personal direction of MRS. C. W. HARSIN, assisted by an entire company of well known Los Angeles concert artists.

***Radio Supplies of Merit***

A Complete Stock of Dependable Parts  
 and Complete Sets

Phones Ranging in Price from \$5.00 to \$15.00

*Visit our Radio School  
 for instruction and in-  
 formation.*

**A. Hamburger & Sons, Inc.**  
 Radio Department Fourth Floor  
 Eighth and Broadway

the string. In radio, the "tuning," which means varying the frequency or the wave length received, is accomplished by changing the coils or the condensers in the circuit. Changing these varies the "electrical length" of the circuit.

Every radio receiving set, except the most elementary, must include some method of tuning. This is particularly important in a radio telephone receiving set, as in this case all outside interference must be eliminated.

Air waves of certain frequencies affect the ear and produce what we know as sound. Low frequency produces low notes, high frequency, high notes. The ear can "hear" any frequency between about 200 vibrations per second and 15,000 per second. Twenty per second is a very low growl, 15,000 per second is a "squeak." As the frequencies used in radio are from 20,000 upward, it would be impossible to hear them if they were changed directly into sound waves. Some device must be put into the receiving set which will change the frequency of the radio current to one which is within the range of the ear. The device used to do this is known as the "detector."

After the received current has passed through the detector, it has the right characteristics to operate the head telephone receivers and produce sound. How loud the sound is depends upon how much current is passing through the detector and this in turn, depends on the distance that the receiving station is from the transmitter. If this distance is very great, the sound produced will be weak and some arrangement will have to be used to increase the current without changing its characteristics. The same problem is encountered in long telegraph lines, and there it was solved by the use of the relay. The relay is an instrument somewhat similar in appearance to the familiar telegraph sounder or "ticker," and is operated by the weak line current. Every time it "ticks," the relay automatically throws additional battery onto the line at the point where it is installed, and thus greatly increases or "amplifies" the line current.

In radio a relay is also used for weak signals. The radio relay is called an "amplifier," and while it does the same work as the telegraph relay, it is thousands of times more sensitive. If the radio signals are very weak, or if a greater amount of power is desired from them, two, three or four relays may be used successively to increase the power. A single "relay" is called a "one step amplifier," two relays working in succession a "two step amplifier," etc.

Every transmitting station, when it is licensed, is assigned a set of call letters by its government. For example, the letters KOG are assigned to the broadcasting station of the Western Radio Electric Company. Assignment of call letters is done under international agreement and a record kept of all licensed stations. This record is a book, somewhat like a telephone directory, called a "Radio Call Book." When a station "signs" its call letters, as it is required to do each time it transmits, the location of the station can be found by looking in this call book. If one station desires to send to another, it looks up that station's call letters, calls them several times, signs its own letters and then "listens in" for the answer.

Although several stations are assigned to the same wave-length, there is not the interference resulting that might be expected. In the first place, there are certain limits beyond which it is not expected that communication will be necessary. The nearby stations are the ones from which reception is usually necessary or desirable. These naturally are louder than the distant ones and hence no interference results from the distant transmitter. Again, it is almost impossible, particularly with radio phones, to tune any two transmitters to exactly the same wave-length and the characteristics of radio phones are such that the receiver must be very carefully adjusted to pick them up. Any variation in wave-length would necessitate a new adjustment, so that interference is not commonly experienced. Interference among local stations is eliminated by pre-arranged schedules.

# K. W. H.

## Examiner Radio Broadcasting Station

Owned and operated by Los Angeles Examiner

### Program for the Week August 21st to August 27th

#### MONDAY—

- 1:30 to 1:45 p. m. Government Market and Crop Reports—485 Meters.
- 5:30 to 6:00 p. m. News Bulletins and Baseball Scores.
- 6:00 to 6:15 p. m. Government Weather and Market Reports—485 Meters.
- 8:00 to 9:00 p. m. RELYEA VIR DEN, Soprano. ALPHONSO D. CAJAL, Jazz Pianist. MARTIN SPABER, Violin. WILLIAM A. CURRY, Pianist and Composer.

#### TUESDAY—

- 1:30 to 1:45 p. m. Government Market and Crop Reports—485 Meters.
- 5:30 to 6:00 p. m. News Bulletins and Baseball Scores.
- 6:00 to 6:15 p. m. Government Weather and Market Reports—485 Meters.
- 8:00 to 9:00 p. m. DOROTHEA SUMMERS, Lyric Soprano.

#### WEDNESDAY—

- 1:30 to 1:45 p. m. Government Market and Crop Reports—485 Meters.
- 5:00 to 6:00 p. m. Concert; artists from Sid Grauman.
- 6:00 to 6:15 p. m. Government Weather and Market Reports—485 Meters.

#### THURSDAY—

- 1:30 to 1:45 p. m. Government Market and Crop Reports—485 Meters.
- 5:30 to 6:00 p. m. News Bulletins and Baseball Scores.
- 6:00 to 6:15 p. m. Government Weather and Market Reports—485 Meters.
- 8:00 to 9:00 p. m. Concert; artists from Sid Grauman.

#### FRIDAY—

- 1:30 to 1:45 p. m. Government Market and Crop Reports—485 Meters.
- 5:30 to 6:00 p. m. News Bulletins and Baseball Scores.
- 6:00 to 6:15 p. m. Government Weather and Market Reports—485 Meters.
- 8:00 to 9:00 p. m. HAROLD M. ANDERSON, Tenor. Artists from Grauman's.

#### SATURDAY—

- 1:30 to 1:45 p. m. Government Market and Crop Reports—485 Meters.
- 5:30 to 6:00 p. m. News Bulletins and Baseball Scores.
- 6:00 to 6:15 p. m. Government Weather and Market Reports—485 Meters.
- 8:00 to 9:00 p. m. MARGUERITE VOGEL, French Lyric Soprano. SADIE LIEBERMAN, Pianist and Accompanist.

#### SUNDAY—

- 8:00 to 9:00 p. m. Concert, Sacred Music.

## The Southern California Radio Trade Association is Formed

**An Organization That Will Do Much to Help Radio Generally  
Is Now an Actuality**

On August 15 the Southern California Radio Trade Association was formed at a meeting of twenty-six representatives from radio dealers, manufacturers and jobbers in Southern California. The purpose of the association is to co-operate the radio concerns in a constructive policy of education in radio buying.

The many problems in merchandising presented by this new infant industry and its multitude of confusing terms and theoretical uses will be taken up before the association in an effort to educate the buying public and dealer. It is formed in the interest of better service to the users of radio equipment.

Like all new businesses, radio needs stabilizing and the elimination of undesirable selling methods.

One of the first jobs tackled by the association, even before its full organization is completed, will be the big Radio Show to be given in September in co-operation with the Broadcasting Association and the Radio Association.

Election of officers took place at the first meeting, with the following men in the executive positions:

President, Le Taufenbach, president Western Radio Electric Co. and member Board of Directors of Broadcasting Association.

Vice President, Al Meyer, manager L. J. Meyberg Co.

Secretary, Dean Farran, manager radio department, C. R. Kierulff Co.

Treasurer, G. S. Corpe, president Coast Radio Co.

### HAVE YOU SOME SPARE TIME?

Radio Doings offers an exceptional opportunity for anyone who has a spare hour or so that is now going to waste. Write for particulars.

## RADIO DOINGS

320 Van Nuys Building, Los Angeles, California  
Phone 673-48

Name \_\_\_\_\_

Address \_\_\_\_\_

## K. H. J.

## Times Radio Broadcast Station

Times Building, First and Broadway, Los Angeles

Owned and operated by C. R. Kierulff & Co.,  
757 South Los Angeles St., Los Angeles

## Program for the Week August 21st to August 27th

## MONDAY—

- 1:30 to 2:15 p. m. CECIL HILLIS, Tenor, accompanied by J. E. KINNEY, will sing "The Garden of My Heart" (Ball), "Was There Ever a Pal Like You" (Berlin) and "Just Like a Rainbow" (Fiorito). ANONA KAHN, Soprano, will sing "Far Across the Desert Sands," "Where the Albana Flows" and "How Many a Lonely Caravan," all from "A Lover in Damascus," by Amy Woodforde-Finden.
- 6:00 to 7:00 p. m. MRS. MABEL HENRY, Dramatic Soprano, accompanied by MRS. CHARLES BOWES. Program arranged through courtesy of Mrs. Mabel Henry. MAURICE THOTE, Violinist. L. M. TIBBETT, Baritone. Bedtime Story and News Items.
- 7:00 to 7:15 p. m. Weather and Market Report—485 Meters.

## TUESDAY—

- 1:30 to 2:15 p. m. ROSALINA MELENDEZ, Soprano.
- 6:00 to 7:00 p. m. GLADYS TERRELL, Soprano, arranging program. HAROLD LLOYD, Tenor. Bedtime Story and News Items.
- 7:00 to 7:15 p. m. Weather and Market Report—485 Meters.

## WEDNESDAY—

- 1:30 to 2:15 p. m. VORA ESMAY, Soprano.
- 6:00 to 7:00 p. m. SAMMIE SISTERS. Bedtime Story and News Items.
- 7:00 to 7:15 p. m. Weather and Market Report—485 Meters.

## THURSDAY—

- 1:30 to 2:15 p. m. MARY ELIZABETH WHITE, 11-year-old Pianist, will play: Schubert Impromptu, No. 4, "Pastorale," Scarlatti Fullerton. FLORENCE KITZMILLER, Soprano, accompanied by FAYE SCOTT, will sing: "Pale Moon" (Logan), "Mother of Pearl" (Ball) and "Lovely Night" (Landon Ronald).
- 7:00 to 7:15 p. m. Weather and Market Report—485 Meters.

## FRIDAY—

- 1:30 to 2:15 p. m. R. COLLIER arranging program.
- 6:00 to 7:00 p. m. ESTHER TAPIA, accompanied by FELIX LOERA, MANUAL HARO, Spanish Poem.
- 7:00 to 7:15 p. m. Weather and Market Report—485 Meters.

## SATURDAY—

- 6:00 to 7:00 p. m. MRS. MAX BREETWOR, Contralto, accompanied by NELLIE BLANKENHORN. LESLIE McCORMICK, Basso. GLADYS FRIEND, Pianist.
- 7:00 to 7:15 p. m. Weather and Market Report—485 Meters.

## SUNDAY—

- 10:00 to 10:45 a. m. SACRED SERVICE—Sermon, Scripture Reading and Prayer. ELIZABETH NEWKIRK, Mezzo Soprano.

**FITZGERALD'S**  
for the  
*Advancement of Music.*



## Vacation Fishing

No matter how you choose to spend your vacation, or where you want to go, a Radio to provide you with music will add the finishing touch.

*De Forest Radio Equipment  
Philadelphia Radio Batteries  
Ever-Ready Radio Batteries  
Everything for every need*

THE RADIO DIVISION



LOS ANGELES

CALIFORNIA

## K. F. I.

## Record-Examiner Anthony Radiophone

Owned and operated by Earl C. Anthony Co.,  
1000 South Hope St., Los Angeles

## Program for the Week August 21st to August 27th

<b>MONDAY—</b>		
1:00 to 1:30 p. m.	Stock Market Reports, supplied by E. F. Hutton & Company.	News Reports, supplied by the Examiner and by the Record.
<b>TUESDAY—</b>		
1:00 to 1:30 p. m.	Stock Market Reports, supplied by E. F. Hutton & Company.	News Reports, supplied by the Examiner and by the Record.
7:00 to 8:00 p. m.	Special Vocal and Instrumental Music.	
<b>WEDNESDAY—</b>		
1:00 to 1:30 p. m.	Stock Market Reports, supplied by E. F. Hutton & Company.	News Reports, supplied by the Examiner and by the Record.
7:00 to 8:00 p. m.	Dance Program.	
<b>THURSDAY—</b>		
1:00 to 1:30 p. m.	Stock Market Reports, supplied by E. F. Hutton & Company.	News Reports, supplied by the Examiner and by the Record.
7:00 to 8:00 p. m.	Musical Program, Vocal and Instrumental.	
<b>FRIDAY—</b>		
1:00 to 1:30 p. m.	Stock Market Reports, supplied by E. F. Hutton & Company.	News Reports, supplied by the Examiner and by the Record.
4:30 to 5:00 p. m.	Road Bulletins and News.	
<b>SATURDAY—</b>		
1:00 to 1:30 p. m.	Stock Market Reports, supplied by E. F. Hutton & Company.	News Reports, supplied by the Examiner and by the Record.
7:00 to 8:00 p. m.	Special Dance Program.	
<b>SUNDAY—</b>		
10:45 to 11:30 a. m.	Sermon and Sacred Music.	
4:00 to 5:00 p. m.	Instrumental Music.	
7:00 to 8:00 p. m.	Vocal and Instrumental Concert.	

We carry parts and complete receiving sets of standard manufacture. What we know about Radio we will be very glad to tell you and will try our best to tell you only what we know. It will be a pleasure to have you come in and listen to the broadcasting. We will help you to install or will install for you as you prefer. You will discover our service department really deals in service AND THAT WHAT WE SELL YOU WILL DO WHAT WE SAY IT WILL DO.

Radio Division

K F I *Earl C. Anthony, Inc.* K F I

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## Complete Radio Equipment

In our Radio Department can be found the latest and best types of all kinds of Radio Equipment covering practically every requirement in the field, from the most moderately priced sets to the finest and most elaborate. The advice of our Radio experts is freely offered to all who are interested in installing equipment.

Barker Bros.' Radio Programs are one of the many features of the store's service for the benefit of the public. The Radio Department is a branch of the Music Department, acknowledged to be one of the largest and most complete in the United States.

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Radio enthusiasts—the veterans in the field—are subscribing to the RADIO BROADCAST for ONE YEAR. They are bound to make sure of all the worthwhile things there are to know. Of course, we don't know just where you rate yourself—amateur or professional—but one thing is sure—no matter which you are, you are going to be sorry if you don't see every number of RADIO BROADCAST.

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Name .....

Address .....

# K. J. C.

## Barker Brothers' Radiophone

Owned and operated by the Standard Radio Co.,  
1048 South Olive St., Los Angeles

### Program for the Week August 21st to August 27th

#### MONDAY—

2:30 to 3:30 p. m.

MYRTLE VON STEIN, daughter of Professor Von Stein of the Von Stein Academy of Music. THEOPHOLUS FITZ, Tenor, Teacher in Majestic Theatre Building. LAURENCE WORTHY, Baritone, accompanied by RUTH CHAMBERS.

#### TUESDAY—

2:30 to 3:00 p. m.

ARTHUR HILL, "The Sunny Southland Songster." IRENE MARTIN, Pianist.

#### WEDNESDAY—

2:15 to 3:00 p. m.

A. RAE CONDIT, Whistler, well known entertainer and community song leader. ED GARDENER, Banjo. GEORGE PANTALONE, Accordion.

#### THURSDAY—

2:15 to 3:00 p. m.

GAGE CHRISTOPHER, Teacher and Conductor, Bass-Baritone, also Golden Record artist, accompanied by RUTH CHAMBERS. MRS. R. A. BORCH, Soprano, accompanist, RUTH CHAMBERS.

#### FRIDAY—

2:15 to 3:00 p. m.

R. L. PARKER, Banjo. MRS. R. L. PARKER, Pianist. HERBERT LEWIN, Vilonist. Accompanist, RUTH CHAMBERS. And a surprise.

#### SUNDAY—

5:00 to 6:00 p. m.

Vocal Selections and Sermon.

The programs are under the direction of Sibley G. Pease, Assistant General Manager of Barker Bros. Music and Radio Departments. Mr. Pease is also Organist and Director of the First Presbyterian Church and is Organist of the B. P. O. Elks No. 99. He is Secretary and Treasurer of the Southern California Chapter of the American Guild of Organists. He has published many organ numbers and anthems which are widely used.

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## Broadcasting in England

### Preparations Being Completed for a Group of Stations Throughout the Country

The delay in establishing broadcasting stations for a wireless telephone service in England would appear to be ending. It is believed that a continuous and efficient service will be in operation by the early autumn. About six of the strongest electrical organizations in the country who are to undertake the work of broadcasting have agreed to divide themselves into two groups. Between them the two groups undertake to set up a sufficient number of stations to cover the whole country. Each group will have a London center, and there will be seven other stations distributed throughout the country and divided between the groups. For these nine stations the initial cost of outlay is about \$900,000 a year. The manufacturers have suggested to the Postmaster General that part of the license fees paid by users of receiving sets should be handed over to these groups. It has also been suggested that an embargo be put upon foreign receiving sets.

For Advertising Rates in "Radio Doings," write or phone

### RADIO DOINGS

320 Van Nuys Building, Los Angeles

Phone 673-48

J. C. Penley, Advertising Manager

# K. N. N.

## Bullock's Radiophone

Owned and Operated by Bullock's, Broadway at Seventh Street, Los Angeles; Broadway 6900.

### Program for the Week August 21st to August 27th

#### MONDAY—

10:00 to 11:00 a. m. Woman's Program, arranged through the courtesy of Clara Greening Craeger. Florence Collins Porter, who has been for the past twenty years one of the most prominent women in political activities, being the first woman to attend a national party convention as a delegate, the first woman to speak on the floor of such a convention, and the first woman member of a Presidential Electoral College, will speak to the K N N audience on "Women's Idealism as a Political Asset." Mrs. Mary C. De Mund, Past State President of the Sunshine Society, will sing several songs. Rita Kissin will speak on "The Importance of the Primary Election." Miss Kissin is a speaker and writer of national note. She was a lecturer for the Board of Education of New York City, and is at present on the scenario staff at Universal City. Miss Wilma Gardine has chosen several delightful selections as a vocal contribution to the program. "Constructive Peace Legislation" will be touched upon by Bernice H. Johnson. Mrs. Johnson is actively connected with the Southern California Woman's Press Club, the Woman's City Club and the Wednesday Morning Club, and is a recognized authority on current political events. Miss Ethel Jenks will be heard in several charming vocal numbers.

#### TUESDAY—

10:00 to 11:00 a. m. Junior Program. Leah Schwartz (age 13) will read several selections, including "Little Joy," "When Company Comes," "The Gas Gives Out," "Don't Do That" and "The Office Boy Resigns." Jack Courtemanche (age 9) will sing popular songs, accompanied by Mrs. Alice K. Courtemanche, his mother, at the piano; Jack will also whistle. Lewis Wilson Heller (age 9), will read two of Guest's poems, "The Boy Afraid of His Dad" and "The Small Boy Tells." Shirley Menacker (age 13), Soprano, has selected several songs for the K N N program, including "Don't Leave Me, Dear Old Mammy," and "She's Mine—All Mine." Lillian Menacker (age 15), Shirley's sister, at the piano.

#### WEDNESDAY—

10:00 to 11:00 a. m. Program for Ward 170 at the County Hospital. Arranged through the courtesy of Mrs. Philip Brigandi and Chaplain E. E. Haring. This will be a two part program. Dr. E. P. Ryland, Pastor of the Mount Hollywood Congregational Church, will speak at first on "The Best Things of Life." Later he will, by special request, tell an amusing little story. Vocal music will be rendered by Mr. D. S. Swan, Tenor, and Mrs. Philip Brigandi, Soprano. Mrs. Fred W. Lannon at the piano. Miss Florence Brown will whistle her message from K N N to the audience of forty little ladies in the hospital. The songs will be suggested by occupants of Ward 170.

#### THURSDAY—

10:00 to 10:30 a. m. A half-hour of vocal and instrumental music, arranged by Rosalind Williamson. Amadeo Reno, Violin Prodigy will be accompanied by Miss Carrie Reno at the piano. Rosalind Williamson will contribute several musical readings, including "In May" and "Little Boy Blue." Miss Reno will also accompany Miss Williamson.

#### FRIDAY—

10:00 to 11:00 a. m. Mrs. Lucile Gibson Pleasants, Lyric Soprano, will sing a group of Southern melodies, including negro dialect. Lois Gay Poor will read entertainingly. Clarence L. Custer, manager of Bullock's Rug Section, will speak on "The Lore of the Orient," as pictured in Bullock's "Meshad Rug."

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Audion Receiving Sets complete with "A"  
Battery, "B" Battery and "Fones," from  
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337 South Western Ave.

LOS ANGELES

Lex. B. Benjamin, Pres.

Phone 567-897

# K. U. S.

## City Dye Works Radiophone

Owned and operated by the City Dye Works, Los Angeles

### Program for the Week August 21st to August 27th

- MONDAY—**  
 7:00 to 7:30 a. m. Walter Camp's Famous DAILY DOZEN. These exercises were devised by Walter Camp during the war and were used at all training camps. They have now been "Set to Music."  
 11:00 to 12:30 p. m. Special Program.
- TUESDAY—**  
 7:00 to 7:30 a. m. }  
 12:30 to 1:00 p. m. } Walter Camp's DAILY DOZEN.  
 2:15 to 2:30 p. m. } Musical Selections, Vocal and Instrumental.  
 4:00 to 4:30 p. m. } Vocal Music by the Choral Society of the City Dye Works.
- WEDNESDAY—**  
 7:00 to 7:30 a. m. }  
 12:30 to 1:00 p. m. } Walter Camp's DAILY DOZEN.
- THURSDAY—**  
 7:00 to 7:30 a. m. }  
 12:00 to 12:30 p. m. } Walter Camp's DAILY DOZEN.
- FRIDAY—**  
 7:00 to 7:30 a. m. }  
 12:00 to 12:30 p. m. } Walter Camp's DAILY DOZEN.  
 4:00 to 4:30 p. m. Vocal Music by the Choral Society of the City Dye Works.
- SATURDAY—**  
 7:00 to 7:30 a. m. }  
 12:00 to 12:30 p. m. } Walter Camp's DAILY DOZEN.
- SUNDAY—**  
 7:00 to 7:30 a. m. Walter Camp's DAILY DOZEN.



The kind of cleaning and dyeing done by this institution is the result of years of experience—made possible by using the most scientific and modern methods and expensive equipment. The City Dye Works has grown consistently for twenty-five years—grown into the largest establishment of its kind in Southern California. Careful work and conscientious service did it.



Uptown Store, 417 W. 7th St.  
 Branch Stores: 224 S Western Ave.; 6529 Hollywood Blvd.; Pasadena, 396 E. Colorado; Long Beach 4 Pine Ave.; Ocean Park 140 Pier Ave.

## Broadcasting Stations in the West

Following is a list of broadcasting stations west of the Rocky Mountains. Some of these stations have not yet begun to operate. Many on this list give regular programs:

Owner of Station	Location of Station	Call Signal
Allen, Preston, D.	Oakland, Calif.	KZM
Altadena Radio Laboratory—Paul F. Johnson	Altadena, Calif.	KGO
Anthony, Earl C.	Los Angeles, Calif.	KFI
Atlantic-Pacific Radio Supplies Co.	Oakland, Calif.	KZY
Beacon Light Co.	Los Angeles, Calif.	KNR
Bible Institute of Los Angeles	Los Angeles, Calif.	KJS
Braun Corporation	Los Angeles, Calif.	KXS
Bullock's	Los Angeles, Calif.	KNN
Carlson & Simpson	San Diego, Calif.	KDYO
City Dye Works	Los Angeles, Calif.	KUS
Coast Radio Company	El Monte, Calif.	KUY
Cooper, Irving S.	Los Angeles, Calif.	KZI
Deseret News	Salt Lake City, Utah	KZN
Doerr-Mitchell Electrical Co.	Spokane, Wash.	KFZ
Dunn & Co., J. J.	Pasadena, Calif.	KLB
Electric Lighting Supply Co.	Los Angeles, Calif.	KNX
Emporium, The	San Francisco, Calif.	KSL
Examiner Printing Co.	San Francisco, Calif.	KUO
First Presbyterian Church	Seattle, Wash.	KTW
Gould, C. O.	Stockton, Calif.	KJQ
Great Western Radio Corporation	Redwood City, Calif.	KDYN
Hale & Co.	San Jose, Calif.	KSC
Hallock & Watson Radio Service	Portland, Ore.	KGG
Alfred Harrell	Bakersfield, Calif.	KYI
Hawley, Willard P., Jr.	Portland, Ore.	KYG
Herald Publishing Co.	Modesto, Calif.	KXD
Herrold, Charles D.	San Jose, Calif.	KQW
Hobrecht, J. C.	Sacramento, Calif.	KVQ
Holzwasser, Inc.	San Diego, Calif.	KON
Kennedy Co., Colin B.	Los Altos, Calif.	KLP
Kierulff & Co., C. R., Times	Los Angeles, Calif.	KHJ
Kraft, Vincent I.	Seattle, Wash.	KJR
Lindsay, Weatherill & Co.	Reedley, Calif.	KMC
Los Angeles Examiner	Los Angeles, Calif.	KWH
Love Electric Co.	Tacoma, Wash.	KMO
Maxwell Electric Co.	Berkeley, Calif.	KRE
Meyberg Co., Leo J., Hamburger's-Express	Los Angeles, Calif.	KYJ
Meyberg Co., Leo J.	San Francisco, Calif.	KDN
Modesto Evening News	Modesto, Calif.	KOQ
Mullins, Electric Co., Wm. A.	Tacoma, Wash.	KGB
Mulrony, Marion A.	Honolulu, Hawaii	KGU
New Mexico College of Agriculture and Mechanical Arts	State College, N. Mex.	KOB
Newton, Electric Co., J. A.	Glendale, Calif.	KFAC
Noggle Electric Works	Monterey, Calif.	KLN
North Coast Products Co.	Aberdeen, Wash.	KNT
Northern Radio & Electric Co.	Seattle, Wash.	KFC
Northwestern Radio Mfg. Co.	Portland, Ore.	KGN

# KUY

## Coast Radio Broadcasting Station

Owned and Operated by the Coast Radio Company of El Monte

Program for the Week August 21st to August 27th

### MONDAY—

4:00 to 4:45 p. m. Music. Lecture on Radio Subject.  
8:00 to 9:00 p. m. "HERB'S ORCHESTRA," Dance Music. MISS MARGARET RHODES, Soprano Soloist (two songs).

### TUESDAY—

4:00 to 4:45 p. m. Music. Lecture on a Public Health topic by Dr. Pomeroy, Los Angeles County Health Officer.

### WEDNESDAY—

4:00 to 4:45 p. m. Music. Lecture on Radio.

### THURSDAY—

4:00 to 4:45 p. m. Music. Lecture on Radio.  
8:00 to 9:00 p. m. Vocal and Instrumental Music by MISS RUTH TRACY, Contralto; MR. HAROLD D. BROWN, Tenor; MR. DOUGLAS MCKENZIE, Pianist.

### FRIDAY—

4:00 to 4:45 p. m. Music. Lecture on Radio.

### SATURDAY—

4:00 to 4:45 p. m. Music. Lecture on Radio.

## DIALS

For your new set—or to improve your old set see our new 3-inch Genuine Bakelite Dial at your Dealers. "The most perfect, prettiest dial on the market."

**Coast Radio Co., Inc.**

Owners and Operators of K U Y

El Monte, California

## DAILY SCHEDULE

For more detailed program see preceding pages. When two stations overlap in time the stations are so regulated that either may be heard by slight adjustment to your receiving set.

---

### MONDAY—

#### A. M.

7:00 to 7:30—City Dye Works  
 10:00 to 11:00—Bullock's  
 11:00 to 12:30—City Dye Works

#### P. M.

12:30 to 1:00—California  
 1:00 to 1:30—Anthony  
 1:30 to 2:15—Times  
 2:30 to 3:30—Barker's  
 3:30 to 5:00—Hamburger's  
 3:00 to 4:00—Long Beach  
 4:00 to 4:45—El Monte  
 4:45 to 5:15—Glendale  
 5:00 to 5:30—Herald  
 5:00 to 6:00—Altadena  
 5:30 to 6:00—Examiner  
 6:00 to 7:00—Times  
 7:00 to 7:15—Times  
 7:00 to 8:00—Herald  
 7:00 to 8:00—Long Beach  
 7:00 to 8:00—Glendale  
 8:00 to 9:00—El Monte  
 8:00 to 9:00—Examiner

### TUESDAY—

#### A. M.

7:00 to 7:30—City Dye Works  
 10:00 to 11:00—Bullock's

#### P. M.

12:00 to 12:30—Bible Institute  
 12:30 to 1:00—City Dye Works  
 1:00 to 1:30—Anthony  
 1:30 to 2:15—Times  
 2:15 to 2:30—City Dye Works  
 2:30 to 3:00—Barker's  
 3:00 to 4:00—Hamburger's  
 3:00 to 4:00—Long Beach  
 4:00 to 4:30—City Dye Works  
 4:00 to 4:45—El Monte  
 4:45 to 5:15—Glendale  
 5:00 to 5:30—Herald  
 5:30 to 6:00—Examiner  
 6:00 to 7:00—Times  
 7:00 to 7:15—Times  
 7:00 to 8:00—Altadena  
 7:00 to 8:00—Anthony  
 8:00 to 9:00—Examiner  
 8:00 to 9:00—Dunn, Pasadena

# K. G. O.

## Altadena Radiophone

Owned and Operated by Altadena Radio Laboratory, Paul Franklin Johnson, Pasadena  
560 East Colorado Street

Program for the Week August 21st to August 27th

- MONDAY—  
5:00 to 6:00 p. m.
- TUESDAY—  
7:00 to 8:00 p. m.
- WEDNESDAY—  
5:00 to 6:00 p. m.
- THURSDAY—  
7:00 to 8:00 p. m.
- FRIDAY—  
5:00 to 6:00 p. m.
- SATURDAY—  
7:00 to 8:00 p. m.
- SUNDAY—  
2:00 to 3:00 p. m.

This program will be made up of Edison Records which have been demonstrated as being unusually well adapted for broadcasting. The records are selected by MR. JOHNSON and loaned by WYCKOFF-VERINDER, the Edison Phonograph Agents in Pasadena.

# K. L. B.

## Chamber of Commerce Radiophone

Owned and operated by J. J. Dunn, 1292 East Colorado Street, Pasadena

Program for the Week August 21st to August 27th

- TUESDAY—  
8:00 to 9:00 p. m. HENRY FOOTE PERRIN, Pianist, assisted by his juvenile pupils.
- FRIDAY—  
8:00 to 9:00 p. m. SAMUEL VENNEN, Violinist, assisted by LILAH CARLSON, Vocalist and Piano.
- SUNDAY—  
3:00 to 4:00 p. m. HAZEL EWELL, Soprano, accompanied by LAURA POWELL.  
8:00 to 9:00 p. m. OTIS MERCER, Hawaiian selections on steel guitar.

(The Piano used in these concerts is furnished through the courtesy of the Coop's and Sons Piano Company of Pasadena.)

## ALTADENA RADIO LABORATORY

560 East Colorado Street

Pasadena

California

100% RADIO

K. G. O.

# THE RADIO STORE

562 East Colorado Street

Pasadena

The Largest Stock of Radio Apparatus West of Chicago  
Practically Everything in Stock

## INDEX—(Continued)

## WEDNESDAY—

## A. M.

7:00 to 7:30—City Dye Works  
 10:00 to 11:00—Bullock's  
 11:00 to 12:00—California

## P. M.

12:30 to 1:00—City Dye Works  
 12:00 to 12:30—Bible Institute  
 1:00 to 1:30—Anthony  
 1:30 to 2:15—Times  
 2:15 to 3:00—Barker's  
 3:00 to 4:00—Hamburger's  
 3:00 to 4:00—Long Beach  
 4:00 to 4:45—El Monte  
 4:30 to 5:00—Herald  
 4:45 to 5:15—Glendale  
 5:00 to 6:00—Altadena  
 5:00 to 6:00—Examiner  
 6:00 to 7:00—Times  
 7:00 to 7:15—Times  
 7:00 to 8:00—Anthony  
 7:00 to 8:00—Glendale  
 8:00 to 9:00—Herald

## THURSDAY—

## A. M.

7:00 to 7:30—City Dye Works  
 10:00 to 10:30—Bullock's  
 10:30 to 11:00—California

## P. M.

12:00 to 12:30—City Dye Works  
 1:00 to 1:30—Anthony  
 1:30 to 2:15—Times  
 2:15 to 3:00—Barker's  
 3:00 to 4:00—Hamburger's  
 3:00 to 4:00—Long Beach  
 4:00 to 4:45—El Monte

## THURSDAY—

## P. M.

5:00 to 5:30—Herald  
 4:45 to 5:15—Glendale  
 5:30 to 6:00—Examiner  
 6:00 to 7:00—Bible Institute  
 7:00 to 7:15—Times  
 7:00 to 8:00—Altadena  
 7:00 to 8:00—Anthony  
 8:00 to 9:00—El Monte  
 8:00 to 9:00—Examiner

## FRIDAY—

## A. M.

7:00 to 7:30—City Dye Works  
 10:00 to 11:00—Bullock's

## P. M.

12:00 to 12:30—City Dye Works  
 1:00 to 1:30—Anthony  
 1:30 to 2:15—Times  
 2:15 to 3:00—Barker's  
 3:00 to 4:00—Hamburger's  
 3:00 to 4:00—Long Beach  
 4:00 to 4:30—City Dye Works  
 4:00 to 4:45—El Monte  
 4:30 to 5:00—Anthony  
 4:45 to 5:15—Glendale  
 5:00 to 5:30—Herald  
 5:00 to 6:00—Altadena  
 5:30 to 6:00—Examiner  
 6:00 to 7:00—Times  
 7:00 to 7:15—Times  
 7:00 to 8:00—Glendale  
 7:00 to 8:00—Herald  
 8:00 to 9:00—Dunn, Pasadena  
 8:00 to 9:00—Examiner

# K. S. S.

## Long Beach Radiophone

Owned by Radio Research Society of Long Beach.  
Operated by Prest and Dean, 18 Elm Avenue, Long Beach.

### Program for the Week August 21st to August 27th

- MONDAY—**  
7:00 to 8:00 p. m. Vocal and Instrumental Concert.
- TUESDAY—**  
3:00 to 4:00 p. m. Vocal and Instrumental Concert.
- WEDNESDAY—**  
3:00 to 4:00 p. m. Vocal and Instrumental Concert.
- THURSDAY—**  
3:00 to 4:00 p. m. Vocal and Instrumental Concert.
- FRIDAY—**  
3:00 to 4:00 p. m. Vocal and Instrumental Concert.
- SATURDAY—**  
7:00 to 8:00 p. m. Vocal and Instrumental Concert.

# K. F. A. C.

## Glendale Press Radiophone

Owned and Operated by J. A. Newton Electric Co., 154 S. Brand Blvd., and located at Press Bldg., 222 South Brand Boulevard, Glendale

### Program for the Week August 21st to August 27th

- MONDAY—**  
4:45 to 5:15 p. m. News and Concert.  
7:00 to 8:00 p. m. Under auspices of J. A. NEWTON ELECTRIC CO., featuring O. W. ANDERSON, Baritone; W. A. KELLY, Violinist, Soprano Soloist and Piano Soloist.
- TUESDAY—**  
4:45 to 5:15 p. m. News and Concert.
- WEDNESDAY—**  
4:45 to 5:15 p. m. News and Concert.  
7:00 to 8:00 p. m. The K F A C Orchestra will play requested numbers. WILBUR P. FUNK, Alto Saxophone; STANTON D. SMITH, Tenor Saxophone; MARION JONES, Piano; EDWARD MONOIT, Banjo, and HERBERT BROOKS, Violin.
- THURSDAY—**  
4:45 to 5:15 p. m. News and Concert.
- FRIDAY—**  
4:45 to 5:15 p. m. News and Concert.  
7:00 to 8:00 p. m. Burbank Night, under the auspices of ZEFER ALGOTS SPARROW, Music Teacher; MRS. PHILIP McKELLAR, Contralto; with FRANCIS OSBORNE at the Piano; VERN ISOM, Violin; MRS. HALE KIRKPATRICK, Soprano; ZEFER ALGOTS SPARROW, Pianist.
- SATURDAY—**  
4:45 to 5:15 p. m. News and Concert.

INDEX—(Continued)

SATURDAY—

A. M.

7:00 to 7:30—City Dye Works

P. M.

12:00 to 12:30—City Dye Works

1:00 to 1:30—Anthony

2:15 to 3:00—California

3:00 to 4:00—Long Beach

4:00 to 4:45—El Monte

4:00 to 5:00—Hamburger's

4:45 to 5:15—Glendale

5:00 to 5:30—Herald

5:30 to 6:00—Examiner

6:00 to 7:00—Times

7:00 to 7:15—Times

7:00 to 8:00—Altadena

7:00 to 8:00—Anthony

7:00 to 8:00—Long Beach

8:00 to 9:00—Examiner

SUNDAY—

A. M.

7:00 to 7:30—City Dye Works

10:00 to 10:45—Times

10:45 to 11:30—Anthony

11:30 to 12:30—Bible Institute

P. M.

2:00 to 3:00—Altadena

3:00 to 4:00—Dunn, Pasadena

4:00 to 5:00—Anthony

5:00 to 6:00—Barker Bros.

6:00 to 7:00—Hamburger's

7:00 to 8:00—Anthony

8:00 to 9:00—Examiner

8:00 to 9:00—Dunn, Pasadena

PAGE INDEX

	Page		Page
Herald .....	7	Bullock's .....	21
Electric Lighting Supply Co.....	9	City Dye Works.....	23
Hamburger's .....	11	El Monte.....	25
Examiner .....	13	Pasadena .....	27
Times .....	15	Altadena .....	27
Earl C. Anthony.....	17	Long Beach.....	29
Barker's .....	19	Glendale .....	29
		Bible Institute.....	31

# K. J. S.

## Bible Institute Radiophone

Owned and operated by Bible Institute of Los Angeles, Inc.

### Program for the Week August 21st to August 27th

**TUESDAY—**

12:00 to 12:30 p. m. MR. JOHN HUBBARD, Cornet. MR. E. P. BURLEY, Tenor. MR. KEITH L. CROOKS, Organist.

**WEDNESDAY—**

12:00 to 12:30 p. m MR. E. P. BURLEY, Tenor. MRS. RAYMOND CONNER, Trombonist. MRS. I. H. FALLIS, Soprano.

**THURSDAY—**

6:00 to 7:00 p. m. HARMONY QUARTETTE—MRS. I. H. FALLIS, Soprano; MR. E. P. BURLEY, Tenor; the KLEINASSER BROTHERS, Saxophonists. (Note—Through the courtesy of the Los Angeles Times we are permitted to put on our schedule at this time.)

**SUNDAY—**

11:30 to 12:30 p. m. MRS. I. H. FALLIS, Soprano. HARMONY QUARTETTE. Sermon by DR. J. FRANK NORRIS of Fort Worth, Texas.

### Broadcasting Stations in the West—(Continued)

Owner of Station	Location of Station	Call Signal
Oregonian Publishing Co.....	Portland, Ore. ....	KGW
Oregon Institute of Technology.....	Portland, Oregon.....	KDYQ
Pasadena Star-News Publishing Co.....	Pasadena, Calif. ....	KDYR
Pomona Fixture & Wiring Co.....	Pomona, Calif. ....	KGK
Portable Wireless Telephone Co.....	Stockton, Calif. ....	KWG
Precision Shop, The.....	Gridley, Calif. ....	KFU
Prest & Dean Radio Research Laboratory .....	Long Beach, Calif.....	KSS
Public Market & Dept. Stores Co.....	Seattle, Wash. ....	KZC
Radio Shop, The.....	Sunnyvale, Calif. ....	KJJ
Radio Telephone Shop, The.....	San Francisco, Calif.....	KYY
Radio Supply Co.....	Los Angeles, Calif.....	KNV
St. Martins College (Rev. S. Ruth).....	Lacey, Wash. ....	KGY
San Joaquin Light & Power Corp.....	Fresno, Calif. ....	KMJ
Savoy Theatre.....	San Diego, Calif.....	KDYM
Southern Electrical Co.....	San Diego, Calif.....	KDPT
Spokane Chronicle .....	Spokane, Wash. ....	KOE
Standard Radio Co., Barker Bros.....	Los Angeles, Calif.....	KJC
Stubbs Electric Co.....	Portland, Ore. ....	KQY
Telegram Publishing Company.....	Salt Lake City, Utah.....	KDYL
Thearle Music Co.....	San Diego, Calif.....	KYF
Tribune Publishing Company.....	Oakland, Calif.....	KLX
University of California.....	Berkeley, Calif.....	KQI
Warner Brothers.....	Oakland, Calif.....	KLS
Wasmer, Louis .....	Seattle, Wash. ....	KHQ
Wenatchee Battery & Motor Co.....	Wenatchee, Wash.....	KZV
Western Radio Electric Co., Herald.....	Los Angeles, Calif.....	KOG

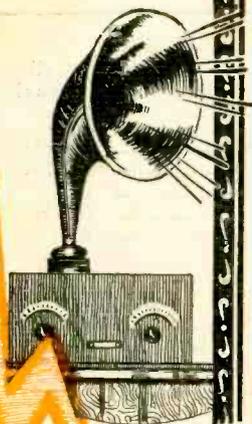
## RADIO DONT'S

Don't force the maximum volume of music from a vacuum tube receiver.

Distortion and extra noise from the tubes will be the result.

The average vacuum tube requires critical filament adjustment and to burn the filament at full brilliancy on a fully charged battery endangers and shortens the life of the tube and causes a roughness of speech and music which is often blamed on the Broadcasting Station.

Adjust and tune for clearness and be content with less volume.



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