

RADIO DOINGS CALL BOOK

25[¢]

Complete American Broadcasters
Short Wave and Foreign Stations

1930 EDITION



MERLIN H. AYLESWORTH
President, N. B. C.

SEE PAGE 82 FOR TABLE OF CONTENTS

Beat this Combination

EFREM ZIMBALIST
ALMA GLUCK
EDITH MASON
JOSE MOJICA
and
JOSEPH PASTERNAK

five of the world's great musicians, joined hands with
Crosley Engineers to develop the perfect tone of

CROSLEY



*No Matter What Your 1930 Radio
Requirements May Be*

"You're there with a Crosley"



KIERULFF & RAVENSCROFT
RADIO EQUIPMENT


135-139
West 17th Street
LOS ANGELES

121-131
Ninth Street
SAN FRANCISCO

"A Radio for Every Purse"

Radio Financing

for

Retailer, Wholesaler

and

Manufacturer



We Purchase
Installment Contracts
Book Accounts
Trade Acceptances



Robert E. Hopkins & Co.

LOS ANGELES

MUtual 6282

417 S. Hill St.

When In Doubt---

Within the pages of this Call Book all the broadcast stations are listed in full. The Dial Log, which simplifies locating stations on the Pacific Slope and many DX stations, is a handy reference.

Stations along the Pacific Coast are listed on the left of the Dial Log in Column 1; wave lengths in Column 2; space for your own log in Column 3; channels in Column 4; the frequencies of the stations in Column 5, and distant

stations in Column 6. You can write in the actual dial settings of your receiver, if it is numbered from 0 to 100.

Tune in your local stations and with a pencil mark your dial settings on the Dial Log. The distant stations may then be located by their position with respect to your local dial-logging.

If the dial or drum of your receiver is marked in meters (wave lengths), use Columns 1 and 2 for Pacific stations; 2 and 6 for additional Western and DX stations. You will locate KFI

1 Pacific Coast Stations	2 Wave Length	3 Log Chanl.	4 Chanl. quency	5 Fre-	6 DX Stations
KOAC	545.1		1	550	KFTU, WGR, KSD, KFDY, KFYZ, WKRC
KTAB	535.4		2	560	WNOX, KLZ, KFDM, WFI, WIBO
KMTR	526.0		3	570	WNAX, KUOM, KXA, WNNC, WNYC, KGKO, WEAO
KHO	516.9		4	580	WSUI, WSAZ, KGFX, KSAC, CNRE, CKUA, CJCA
KFSD	508.2		5	590	WCAJ, WOW, WEMC, WEEI, XFI
KFCR	499.7		6	600	WREC, WOAN, WCAO, WCAC, CJRW, CJRM
KFCW	491.5		7	610	WDAF, WQQ, WIP, WFAH
KGCW	483.6		8	620	KFAD, WDAE, WDBO, WTMJ, WFLA-WSUN
KFI	475.9		9	630	WOS, KFRU, WGBF, KFXF, KFEL, CFCT, CJGX
	468.5		10	640	WAIU, WOI
	461.3		11	650	WSM
	454.3		12	660	WEAF, WAAW
	447.5		13	670	WMAQ
KPO	440.9		14	680	WPTF, KFEQ
	434.5		15	690	CFNC, CFAC, CHCA, CJCJ, CKGW, CNRC
	428.3		16	700	WLW
KEJK	422.3		17	710	WOR, WHB
	416.4		18	720	WGN-WLIB
	410.7		19	730	CNRM, CKAC, CKWX, CKCD, XEN
	405.2		20	740	WSB, KMMJ, XEB
	399.8		21	750	WJR, JOBK, 3YA
KJR	394.5		22	760	WJZ, WEW, JOAK, 5CL
	389.4		23	770	KFAB, WBBM-WJBT
KTM, KELW	384.4		24	780	WMC, WTAR, WPOR, 4QG, CNRW, CKY, JOBK
KGO	379.5		25	790	WGY, JOGK
	374.8		26	800	WBAP, WFAA, JOAK
	370.2		27	810	WCCO, WPCH, 6KW, 3LO, JOCK
	365.6		28	820	WHAS, JODK, XFC
	361.2		29	830	KOA, WHDH, JOIK
	356.9		30	840	CHCT, CKLC, CJBC, CKDW, HHK, CMC
	352.7		31	850	KWKH, WWL, JOFK, 2BL
KFQZ	348.6		32	860	WABC-WBOQ
	344.6		33	870	WLS, WENR-WBCN, JOAK
KLX	340.7		34	880	KPOF, KFKA, WCOC
	336.9		35	890	KUSD, KFNF, WILL, WKAQ, WMAZ, WNMN
KHJ	333.1		36	900	KSEI, WLBI, WKY, IYA
	329.5		37	910	CFQC, CNRS, CJGC, CJHS, CNRI
KVI	325.9		38	920	WWJ, KPRC, WAAF, WBSO, 2GB, XEO
KFWI, KFWM	322.4		39	930	KMA, KGBZ, WBRG, WDBJ, CHNS
KOIN	319.0		40	940	KGU, WFIW, WHA
KFWB	315.6		41	950	KGHL, WRC, KMBC
	309.1		42	960	CKGW, CFRB, CJBC, CKCK, CJBR, CFGR
KOMO	305.9		43	970	WCFL
	302.8		44	980	KDKA
	299.8		45	990	WBZ, WBZA
KFVD	299.8		46	1000	WHO, WOC, GOW

**For All
RECEIVING
TRANSMITTING
SHORT WAVE
Theatre and Public
Address Equipment**

Remember

**Any Part - Any Kit
Any Accessory**

Obtainable
ANY TIME

from the

RADIO SUPPLY CO.

912-914 S. Broadway

H. A. DEMAREST, President
VA. 3178, 3179
WHOLESALE

Los Angeles, Calif.

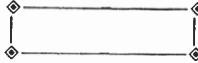
Largest Radio Parts Jobber West of Chicago

Channel and Kilocycle Listing

TIME AND POWER LIMITATIONS

D—Daytime.
 LS—Power until local sunset.
 LT—Limited Time.
 LP—Limited Power.
 CP—Construction Permit authorized.
 For location of transmitter see alphabetical list.

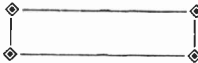
CHANNEL No. 1



550 Kcys., 545.1 Meters

KFDY	LS1000 watts	Brookings, S. D.....	S. D. State College
KFUO	LS1000 watts	Clayton, Mo.....	Evangelical Lutheran Synod
KFYR	500 watts	Bismark, N. D.....	Hoskins-Meyer
KOAC	1000 watts	Corvallis, Ore.....	Oregon State Agri. College
KSD	500 watts	St. Louis, Mo.....	Pulitzer Publishing Co.
WGR	1000 watts	Amherst, N. Y.....	Radio Station WGR, Inc.
WKRC	500 watts	Cincinnati, Ohio.....	Kodel Electric & Mfg. Co.

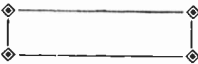
CHANNEL No. 2



560 Kcys., 535.4 Meters

KFDM	LS1000 watts	Beaumont, Texas.....	Magnolia Petroleum Co.
KLZ	1000 watts	Denver, Colo.....	Reynolds Radio Co., Inc.
KTAB	1000 watts	Oakland, Calif.....	Associated Broadcasters
WEBW	LT500 watts	Beloit, Wis.....	Beloit College
WFI	500 watts	Philadelphia, Pa.....	Strawbridge & Clothier
WIBO	LS1500 watts	Chicago, Ill.....	Nelson Bros. Bond & Mortgage Co.
WLIT	500 watts	Philadelphia, Pa.....	Lit Brothers
WNOX	LS2000 watts	Knoxville, Tenn.....	Sterchi Brothers Stores, Inc.
WPCC	500 watts	Chicago, Ill.....	North Shore Cong. Church

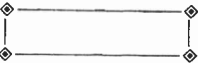
CHANNEL No. 3



570 Kcys., 526.0 Meters

KGKO	LS500 watts	Wichita Falls, Tex....	Wichita Falls Broadcasting Co.
KMTR	500 watts	Hollywood, Calif.....	KMTR Radio Corp.
KUOM	500 watts	Missoula, Mont.....	State University of Montana
KXA	500 watts	Seattle, Wash.....	American Radio Tel. Co.
WEAO	750 watts	Columbus, Ohio.....	Ohio State University
WKBN	500 watts	Youngstown, Ohio.....	W. P. Williamson, Jr.
WMAC	250 watts	Cazenovia, N. Y.....	Clive B. Meredith
WMCA	500 watts	New York, N. Y.....	Knickerbocker Brdcstg. Co., Inc.
WNAX	1000 watts	Yankton, S. D.....	Gurney Seed & Nursery Co.
WNYC	500 watts	New York, N. Y....	City of N. Y. Dept. Plant & Struc.
WSYR	250 watts	Syracuse, N. Y.....	Clive B. Meredith
WWNC	1000 watts	Asheville, N. C.....	Citizens Broadcasting Co.

CHANNEL No. 4

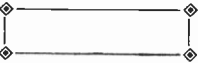


580 Kcys., 516.9 Meters

(CANADIAN SHARED)

KGFX	D200 watts	Pierre, S. D.....	Dana McNeill
KSAC	LS1000 watts	Manhattan, Kans.....	Kansas State Agri. College
WOBU	250 watts	Near Charleston, W. Va.	Charleston Radio Bdcstg. Co.
WSAZ	250 watts	Huntington, W. Va.....	WSAZ, Inc.
WSUI	500 watts	Iowa City, Iowa.....	State University of Iowa
WTAG	250 watts	Worcester, Mass....	Worcester Telegram Pub. Co., Inc.

CHANNEL No. 5



590 Kcys., 508.2 Meters

KHQ	1000 watts	Spokane, Wash.....	Louis Wasmer, Inc.
WCAJ	500 watts	Lincoln, Nebr.....	Nebraska Wesleyan Univ.
WEEL	1000 watts	Weymouth, Mass....	Edison Elec. Illum. Co. of Boston
WEMC	D1000 watts	Berrien Springs, Mich.	Emmanuel Missionary College
WOW	1000 watts	Omaha, Nebr.....	W. O. W. Life Ins. Assn.

“DX” Reception

By K. G. Ormiston

“DX” is an expression borrowed from wireless telegraphy, and signifies “long distance.” Listening to a broadcast station which is several hundred miles or more distant is considered DX reception, and is one of the most fascinating phases of radio.

The ability to pick up distant stations is dependent upon many factors. Three of these factors are inherent qualities of the receiver itself, namely—sensitivity, selectivity and volume.

Sensitivity

The sensitivity of a radio receiver is a measurement of its ability to respond to very weak signals. Sensitivity is measured in terms of microvolts per meter, and when a manufacturer states that his set has a sensitivity of 5 microvolts per meter, it is meant that the set will give the standard normal output when operated in a signal field strength which will give the set an input of 5 microvolts per meter. Less microvolts per meter means a greater set sensitivity.

The sensitivity of practically all the modern sets is such that the noise level is reached even on the quietest nights, hence it is safe to assume that nearly all receivers are capable of playing a great amount of distant stations, providing the other limiting factors are equally favorable. A regenerative detector with two stages of audio amplification behind it, would play stations across the continent, just as it did in the old days were it not for the fact that the modern broadcasting congestion requires far greater selectivity than the three-tube possesses. The sensitivity is there, but it avails not because one or two powerful nearby stations will cover the entire tuning range.

Selectivity

Hence sensitivity can not be considered as an individual factor, but must be in combination with selectivity. Selectivity is the ability of a set to confine all stations to a narrow space on the dial, the ideal condition being when each station covers a maximum dial space of ten kilocycles. Under these circumstances there would be no overlapping of stations in adjoining

channels, either distant or local. This condition is not obtained in the factory-built modern radio receivers, but an effort is made to approximate it without too greatly impairing tone quality. Here again we find that selectivity cannot be considered as an individual factor. Since it has a direct bearing on tone quality, a compromise must be made between the two. It is obvious that the design of a radio receiver requires good judgment as well as engineering skill, since these vital factors are interrelated in such a way that a compromise between them must be chosen which will result in maintaining the maximum tone fidelity commensurate with a reasonable distance range.

Volume

Assuming that a given radio receiver has sufficient sensitivity to respond to a very weak signal from a distance, and that the selectivity is sufficient to permit tuning in distant stations in the gaps between the local stations on the dial, we next require that the set has sufficient audio amplification to build up these weak signals to good loud speaker strength, so that the distant stations will be easily audible. This factor, volume, is usually present when some of the other factors are not, so we may well dismiss it without further discussion.

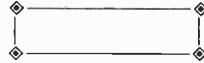
With a receiver possessing all of the above qualities nicely blended, we find that the other vital factors in DX reception are (1) Installation, antenna and ground; (2) Noise level, electrical interference; (3) Tuning skill and patience.

Installation

The installation of the set frequently ruins the DX possibilities which the manufacturer has very carefully built into it. The antenna and ground are very often exceedingly makeshift in nature, and constitute the real hindrance to distance reception. We often hear the question, “Why can’t I get distance, when so-and-so with the same make of set gets the whole country?” And almost invariably the fault lies with a poor antenna and ground installation. If the set owner desires the maximum

(Continued on Page 34)

CHANNEL No. 6

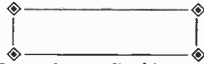


600 Kcys., 499.7 Meters

(CANADIAN SHARED)

KFSD	LS1000 watts	San Diego, Calif.....	Airfan Radio Corp.
WCAC	250 watts	Storrs, Conn.....	Connecticut Agri. College
WCAO	250 watts	Baltimore, Md.....	Monumental Radio, Inc.
WMT	250 watts	Waterloo, Iowa.....	Waterloo Brdcstg. Co.
WOAN	500 watts	Lawrenceburg, Tenn.....	James D. Vaughan
WREC	LS1000watts	Whitehaven, Tenn.....	WREC, Inc.

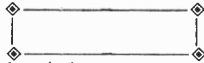
CHANNEL No. 7



610 Kcys., 491.5 Meters

KFRC	1000 watts	San Francisco, Calif.....	Don Lee, Inc.
WDAF	1000 watts	Kansas City, Mo.....	Kansas City Star Co.
WFAW	500 watts	Philadelphia, Pa.....	Keystone Brdcstg. Co.
WIP	500 watts	Philadelphia, Pa.....	Gimbel Bros., Inc.
WOQ	1000 watts	Kansas City, Mo.....	Unity School of Christianity

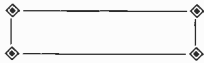
CHANNEL No. 8



620 Kcys., 483.6 Meters

KFAD	1000 watts	Phoenix, Ariz.....	Electrical Equipment Co.
KGW	1000 watts	Portland, Ore.....	Oregonian Publishing Co.
WDAE	1000 watts	Tampa, Fla.....	Tampa Pub. Co.
WDBO	1000 watts	Orlando, Fla.....	Rollins College, Inc.
WFLA-WSun	2500 w	Clearwater, Fla.....	Clearwater & St. Petersburg C. of C.
WJAY	D500 watts	Cleveland, Ohio.....	Cleveland Radio Brdcstg. Corp.
WLBZ	LS500 watts	Bangor, Maine.....	Maine Broadcasting Co., Inc.
WTMJ	LS2500 watts	Brookfield, Wis.....	Journal Co. (Milwaukee Journal)

CHANNEL No. 9

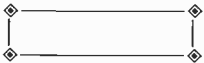


630 Kcys., 475.9 Meters

(CANADIAN SHARED)

KFEL	250 watts	Denver, Colo.....	Eugene P. O'Fallen, Inc.
KFRU	500 watts	Columbia, Mo.....	Stephens College
KPXF	250 watts	Denver, Colo.....	Pikes Peak Brdcstg. Co., Inc.
WGBF	500 watts	Evansville, Ind.....	Evansville on the Air, Inc.
WMAL	LS500 watts	Washington, D. C.....	M. A. Leese
WOS	LS1000 watts	Jefferson City, Mo.....	Missouri State Mktg. Bureau

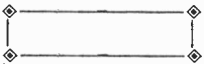
CHANNEL No. 10



640 Kcys., 468.5 Meters

KFI	5000 watts	Los Angeles, Calif.....	Earle C. Anthony, Inc.
WAIU	LT500 watts	Columbus, Ohio.....	American Insurance Union
WOI	D5000 watts	Ames, Iowa.....	Iowa State College of Agrl.

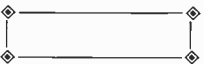
CHANNEL No. 11



650 Kcys., 461.3 Meters

WSM	5000 watts	Nashville, Tenn.....	National Life & Acc. Ins. Co.
------------	------------	----------------------	-------------------------------

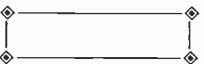
CHANNEL No. 12



660 Kcys., 454.3 Meters

WAAW	D500 watts	Omaha, Nebr.....	Omaha Grain Exchange
WEAF	LP60000 watts	New York, N. Y.....	National Brdcstg. Co., Inc.

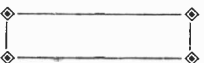
CHANNEL No. 13



670 Kcys., 447.5 Meters

WMAQ	5000 watts	Chicago, Ill.....	Chicago Daily News, Inc.
-------------	------------	-------------------	--------------------------

CHANNEL No. 14



680 Kcys., 440.9 Meters

KFEQ	D2500 watts	St. Joseph, Mo.....	Scroggin & Co. Bank
KPO	5000 watts	San Francisco, Calif.....	Hale Bros. & The Chronicle
WPTF	LT1000 watts	Raleigh, N. C.....	Durham Life Ins. Co.

IT'S SO EASY TO OWN A SPARTON

● You have made up your mind to own a Sparton, some time. You never will feel that you have the best that money can buy in Radio until you have a Sparton.

Why not have and enjoy your Sparton now, when there is so much on the air to make Radio worth while? *It's so easy to own a Sparton.*

The down payment is less than you probably would pay to rejuvenate an old battery set, which still would be an old battery set, no matter how much you spent on it.


The monthly payments are so small . . . less than four dollars a week, on some models . . . less than you probably spend to take the family to a good picture show . . . less than you spend on a simple week-end outing.

And what a wealth of enjoyment these few dollars buy! Modern Radio at the very peak of its perfection . . . the greatest musicians, the greatest music of all times to entertain you . . . great statesmen, great teachers, to inform and instruct you . . . the season's greatest sports events, just ahead.

Go tomorrow to any Sparton dealer and learn how delightfully easy it is to own a SPARTON.

Make This A Radio Christmas

Make this a Radio Christmas. In a gift for your home concentrate on the most magnificent gift you can give your family . . . a SPARTON radio. Sparton brings to you modern radio at its very best. Tone beauty and fidelity which are a heritage from the old masters; selectivity, sensitivity, modulation, which make your Sparton an instrument as flexible, as responsive to your every mood as a fine old Stradivarius, in the hands of a virtuoso. And this marvelous new Master of the Air is so easy to own. See your Sparton dealer, hear the Sparton, tomorrow.



"... don't you buy a radio until you have heard a Sparton." *Walter McFagan*



SPARTON

PACIFIC WHOLESALE, INC.

Walter McFagan. PRESIDENT,

Southern California Distributors

RADIO

Sparton presents Joseph Diskay, famous Hungarian tenor, each Tuesday and Friday evening, at 8:30, over KFI.

Call These Dealers for

SPARTON

and Get the Best Service

SOUTHWEST

**Gaylord's Radio
Electric Store**

The Southwest Radio Dealer

6618 S. Vermont Ave. TH. 7015

It Will Pay You to See Us First

ANGELUS RADIO SHOP

4208 Santa Monica Blvd. OL. 7745

HUNTINGTON PARK

Radio is our Business—Not a side line

P. A. Dougherty

*7 Years in Huntington Park Selling
High Grade Radios*

6324 So. Pacific Blvd. LA. 4852

Plenty of Room to Park

*Open 7 days of the week from
8 A. M. to 9 P. M.*

Universal Music Co.

1632 So. Maple WE. 3859

MELROSE AVENUE

Music is Our Business

**California Piano
Construction Co.**

7379 Melrose Ave. GLadstone 0201

SOUTH VERMONT

Liberal Trade-In Allowance

People's Outfitting Co.

*Trade Away from Downtown
Congestion*

3990 So. Vermont Ave. VE. 3143

OLDEST DOWNTOWN DEALER

Birch-Smith Furniture Co

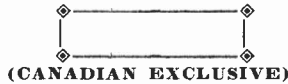
737-41 Hill St. Near 8th

See Page 46 for Special Announcement

TRinity 4121

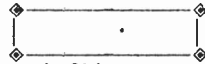
Los Angeles

CHANNEL No. 15



690 Kcys., 434.5 Meters

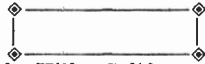
CHANNEL No. 16



700 Kcys., 428.3 Meters

WLW LP50000 watts Cincinnati, Ohio.....Crosley Radio Corp.

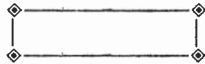
CHANNEL No. 17



710 Kcys., 422.3 Meters

KEJK LT500 watts Beverly Hills, Calif.....R. S. MacMillan
 WHB D500 watts Kansas City, Mo.....Sweeny Auto Schools Co.
 WOR 5000 watts Newark, N. J.....L. Bamberger & Co.

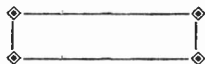
CHANNEL No. 18



720 Kcys., 416.4 Meters

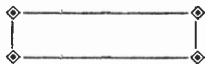
WGN-WLIB 25000 w. Chicago, Ill.....The Tribune Co.

CHANNEL No. 19



730 Kcys., 410.7 Meters

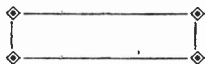
CHANNEL No. 20



740 Kcys., 405.2 Meters

KMMJ LT1000 watts Clay Center, Nebr.....The M. M. Johnson Co.
 WSB CP5000 watts Atlanta, Ga.....Atlanta Journal Co.

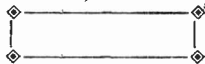
CHANNEL No. 21



750 Kcys., 399.8 Meters

WJR 5000 watts Detroit, Mich.....WJR, the Goodwill Station, Inc.

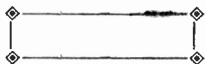
CHANNEL No. 22



760 Kcys., 394.5 Meters

KJR LT5000 watts Seattle, Wash.....Ralph A. Horr
 WEW D1000 watts St. Louis, Mo.....St. Louis University
 WJZ LP30000 watts New York, N. Y.....Radio Corp. of America

CHANNEL No. 23



770 Kcys., 389.4 Meters

KFAB 5000 watts Lincoln, Nebr.....Nebraska Buick Automobile Co.
 WBBM-WJBT CP25000 watts Chicago, Ill.....The Atlass Co., Inc.

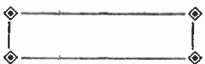
CHANNEL No. 24



780 Kcys., 384.4 Meters

KELW 500 watts Burbank, Calif.....Earl L. White
 KTM 1000 watts Los Angeles, Calif.....Pickwick Brdcstg. Corp.
 WEAN LS5000 watts Providence, R. I.....Shepard Stores Co.
 WMC LS1000 watts Memphis, Tenn.....Memphis Comm. Appeal, Inc.
 WTAR-WPOR 500 w. Norfolk, Va.....WTAR Radio Corp.

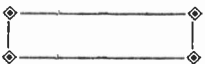
CHANNEL No. 25



790 Kcys., 379.5 Meters

KGO 7500 watts Oakland, Calif.....General Electric Co.
 WGY 50000 watts S. Schenectady, N. Y.....General Electric Co.

CHANNEL No. 26

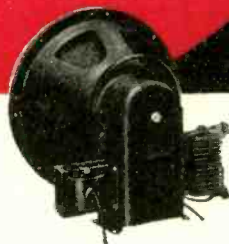


800 Kcys., 374.8 Meters

WBAP 50000 watts Ft. Worth, Texas.....Carter Publications, Inc.
 WFAA CP50000 watts Dallas, Texas.....The Dallas News & Dallas Journal

IF
IT ISN'T A
MAGNAVOX
IT ISN'T A
DYNAMIC

(With a bow to Kodak)



Only Magnavox can build and sell DYNAMIC Speakers; by authority of the United States Patent Office. ✕ Only Magna-

vox customers and dealers can employ the selling force inherent in that word DYNAMIC. ✕ Only Magnavox owners can enjoy true-to-life dynamic REALISM, and a lifetime guarantee—made possible by the new Magnavox X-Core construction.

Models 401, 403 and 405
12¼" high, 12" wide,
8¼" deep, 10½" cone

Southern California Distributor

C. C. LAWTON CO.

1125 Wall St.

WEStmore 5395

Los Angeles

G M
DAY-FAN
RADIO

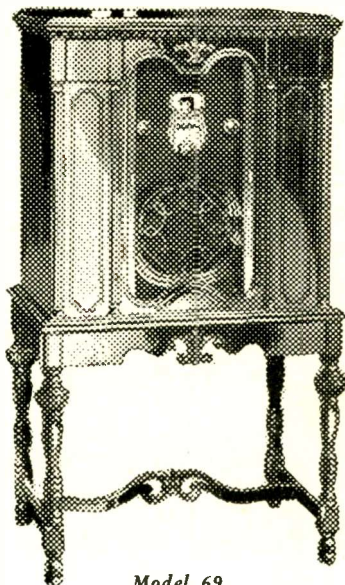
A Product of
General
Motors

DAY-FAN

Unexcelled
Service

Day-Fan dealers are giving special demonstrations of the Day-Fan Radio, which is now being manufactured by the General Motors Radio Corporation. We urge you to visit your nearest Day-Fan dealer—because you will find in the Day-Fan those qualities which discriminating radio buyers are now demanding.

You will be impressed by its natural tone. You will be surprised by its exceptional selectivity and range. You will enjoy its ability to provide ample volume without distortion, and you will find a variety of cabinet designs to meet your individual preference.



Model 69

Model 69	\$226.50
Consolette	149.50
Model 68	159.50
Model 72	169.50
Model 93 (Screen Grid)....	194.50
Combination	289.50

All with Tubes

G. M. A. C. Finance Terms

The Greatest Value in Radio

Southern California Distributor

C. C. LAWTON CO.

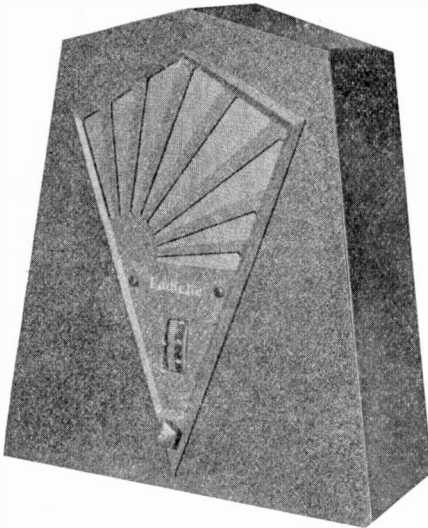
1125 Wall St.

Westmore 5395

Los Angeles

Radiette

**The Most Sensational
Radio Value
Ever Produced**



Beautiful cabinet, of modernistic motif, designed by a well known sculptor.
ALL ELECTRIC ALL METAL
PERFECTLY SHIELDED—
PERFECT TONE

DEALERS! *We are now ready to supply you. Territory is rapidly being allotted. Phone or write*

Keller-Fuller Mfg. Co.

1573 West Jefferson

Los Angeles, Calif.

EMpire 3638

You will be amazed at its *outstanding performance, its exquisite beauty* and its *low price.*

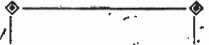
\$59⁵⁰

COMPLETE

with tubes and built-in speaker

A MASTERPIECE of expert engineering and designing, produced by veteran radio engineers and master craftsmen.

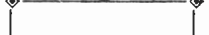
**PHONE FOR NAME
OF YOUR
NEAREST DEALER**

CHANNEL No. 27  **810 Kcys., 370.2 Meters**

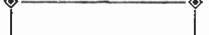
WCCO CP15000 watts Minneapolis, Minn..... Washburn-Crosby Co., Inc.
 WPCB D500 watts New York, N. Y..... Eastern Broadcasters, Inc.

CHANNEL No. 28  **820 Kcys., 365.6 Meters**

WHAS CP1000 watts Louisville, Ky... Courier Journal & Louisville Times

CHANNEL No. 29  **830 Kcys., 361.2 Meters**

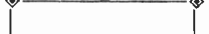
KOA 12500 watts Denver, Colo..... General Electric Co.
 WHDH D1000 watts Gloucester, Mass..... Matheson Radio Co., Inc.

CHANNEL No. 30  **840 Kcys., 356.9 Meters**

(CANADIAN EXCLUSIVE)

CHANNEL No. 31  **850 Kcys., 352.7 Meters**

KWKH 10000 watts Kennonwood, La..... W. K. Henderson
 WWL 5000 watts New Orleans, La..... Loyola University

CHANNEL No. 32  **860 Kcys., 348.6 Meters**

KFQZ LT250 watts Los Angeles, Calif... Taft Radio & Brdcastg. Co., Inc.
 WABC-WBOQ 5000 w New York, N. Y..... Atlantic Broadcasting Corp.

CHANNEL No. 33  **870 Kcys., 344.6 Meters**

WENR-WBCN LP50000 watts Chicago, Ill..... Great Lakes Broadcasting Co.
 WLS 5000 watts Chicago, Ill..... Agricultural Broadcasting Co.

CHANNEL No. 34  **880 Kcys., 340.7 Meters**

(CANADIAN SHARED)

KFKA LS1000 watts Greeley, Colo..... Colorado State Teachers College
 KLX 500 watts Oakland, Calif..... The Tribune Pub. Co.
 KPOF 500 watts Denver, Colo..... Pillar of Fire, Inc.
 WCOB LS500 watts Meridian, Miss..... Crystal Oil Co.
 WGBI 250 watts Scranton, Pa..... Scranton Broadcasters, Inc.
 WQAN 250 watts Scranton, Pa..... Scranton Times

CHANNEL No. 35  **890 Kcys., 336.9 Meters**

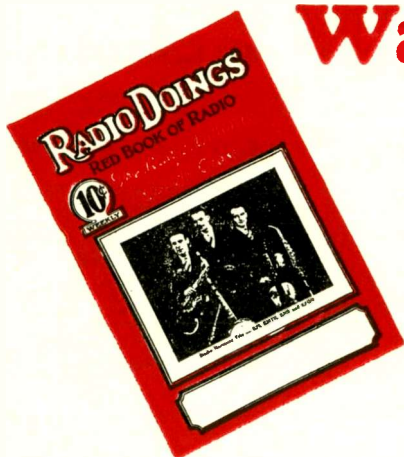
(CANADIAN SHARED)

KFNF LS1000 watts Shenandoah, Iowa..... Henry Field Seed Co.
 KGJF 250 watts Little Rock, Ark..... 'First Church' of the Nazarene
 KUSD LS750 watts Vermillion, S. D..... University of South Dakota
 WGST LS500 watts Atlanta, Ga..... Georgia School of Technology
 WLLT LS500 watts Urbana, Ill..... University of Illinois
 WJAR LS400 watts Providence, R. I..... The Outlet Co.
 WKAQ 500 watts San Juan, P. R..... Radio Corp. of Porto Rico
 WMAZ LS500 watts Macon, Ga..... Macon Junior Chamber of Commerce
 WMMN LS500 watts Fairmont, W. Va..... Holt-Rowe Novelty Co.

CHANNEL No. 36  **900 Kcys., 333.1 Meters**

KGBU 500 watts Ketchikan, Alaska.. Alaska Radio & Service Co., Inc.
 KFW 1000 watts Los Angeles, Calif..... Don Lee, Inc.
 KSEI 250 watts Pocatello, Idaho..... KSEI Brdcastg. Assn., Inc.
 WFBL 750 watts Syracuse, N. Y..... The Onondaga Co., Inc.
 WKY 1000 watts Oklahoma City, Okla..... WKY Radiophone Co.
 WLBL CP D3000 w Stevens Point, Wis..... Wisconsin Dept. of Markets
 WMAK 750 watts Buffalo, N. Y..... WMAK Brdcastg. System, Inc.

These Show the Way!



Radio Doings

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

RADIO NEWS

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

Special Subscription Reduction ONLY \$3.50!

— — — — — USE THIS COUPON — — — — —

RADIO DOINGS, 407 E. Pico, Los Angeles, or 1207-8 Hearst Bldg., San Francisco

Gentlemen: Enclosed find \$3.50 for one full year's subscription each to Radio News and Radio Doings. Begin them at once.

Name _____

Address _____ State _____

(Dealers are especially invited to make use of these authorities covering the entire field of radio.)

CHANNEL No. 37



910 Kcys., 329.5 Meters

CHANNEL No. 38



920 Kcys., 325.9 Meters

KPRC	CP2500 watts	Houston, Texas.....	Houston Printing Co.
KVI	LT1000 watts	Seattle, Wash.....	Puget Sound Broadcasting Co., Inc.
WAAF	D500 watts	Chicago, Ill.....	Drovers Journal Pub. Co.
WBSO CP	D250 watts	Babson Park, Mass.....	Babson's Statistical Orgn., Inc.
WWJ	1000 watts	Detroit, Mich.....	The Evening News Assn.

CHANNEL No. 39



930 Kcys., 322.4 Meters

KFWI	500 watts	San Francisco, Calif.....	Radio Entertainments, Inc.
KFWM	500 watts	Oakland, Calif.....	Oakland Educational Society
KGBZ	LS1000 watts	York, Nebr.....	Dr. George R. Miller
KMA	LS1000 watts	Shenandoah, Iowa.....	May Seed & Nursery Co.
WBRC	LS1000 watts	Birmingham, Ala.....	Birmingham Brdcastg. Co., Inc.
WDBJ	LS500 watts	Roanoke, Va.....	Richardson-Wayland Elec. Corp.
WIBG	D50 watts	Elkins Park, Pa.....	St. Paul's P. E. Church

CHANNEL No. 40



940 Kcys., 319.0 Meters

KGU	500 watts	Honolulu, T. H. M. A.	Mulrony & Adv. Pub. Co., Ltd.
KOIN	1000 watts	Portland, Ore.....	KOIN, Inc.
WCSH	500 watts	Portland, Maine.....	Congress Square Hotel Co.
WFIW	1000 watts	Hopkinsville, Ky.....	The Acme Mills, Inc.
WHA	D750 watts	Madison, Wis.....	University of Wisconsin

CHANNEL No. 41



950 Kcys., 315.6 Meters

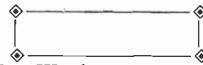
KFWB	1000 watts	Hollywood, Calif.....	Warner Bros. Brdcastg. Corp.
KGHL	500 watts	Billings, Mont.....	Northwestern Auto Supply Co., Inc.
KMBC	1000 watts	Kansas City, Mo.....	Midland Auto Supply Co., Inc.
WRC	500 watts	Washington, D. C.....	Radio Corp. of America

CHANNEL No. 42



960 Kcys., 312.3 Meters

CHANNEL No. 43



970 Kcys., 309.1 Meters

KOMO	1000 watts	Seattle, Wash.....	Fisher's Blend Station, Inc.
WCFL	LT1500 watts	Chicago, Ill.....	Chicago Federation of Labor

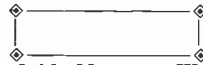
CHANNEL No. 44



980 Kcys., 305.9 Meters

KDKA LP	50000 watts	Saxonburg, Pa.....	Westinghouse Elec. & Mfg. Co.
----------------	-------------	--------------------	-------------------------------

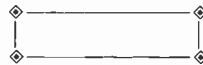
CHANNEL No. 45



990 Kcys., 302.8 Meters

WBZ	15000 watts	Springfield, Mass.....	Westinghouse Elec. & Mfg. Co.
WBZA	500 watts	Boston, Mass.....	Westinghouse Elec. & Mfg. Co.

CHANNEL No. 46



1000 Kcys., 299.8 Meters

KFVD	LT250 watts	Culver City, Calif.....	Auburn-Fuller Co.
WHO	5000 watts	Des Moines, Iowa.....	Bankers Life Co.
WOC	5000 watts	Davenport, Iowa.....	Palmer School of Chiropractic

A stylized graphic for an Edison radio advertisement. The word "EDISON" is at the top in large, bold, black letters. Below it, a central point radiates outwards with numerous thin lines. In the center of this radiating pattern is a detailed illustration of a radio set, including a speaker, a tuning dial, and various knobs. A diagonal banner across the middle reads "FLASH! THERE'S YOUR STATION" in a handwritten-style font. Another banner, tilted upwards to the right, reads "LIGHT-O-MATIC" in bold, black letters. At the bottom, the word "RADIO" is written in large, bold, black letters, partially overlapping the radiating lines.

EDISON

FLASH! THERE'S YOUR STATION

LIGHT-O-MATIC

RADIO

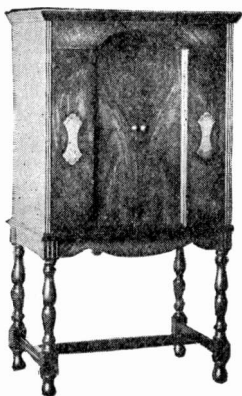
The years which produced the electric light, the motion picture, and the phonograph, supplied the knowledge from which has come the new Edison Light-O-Matic Radio. Great is its name, great is its heritage, great is the set itself. For here, at last, is dependable radio . . . radio from which the guess is gone . . . radio flawless in performance,

mighty in its ability to conquer distance, and beautiful in tone.

. . . To these has been added ease of operation through Light-O-Matic Tuning. With Light-O-Matic Tuning you capture your favorite stations, dramatically signalled by a flash of light . . . all stations plainly announced before your eyes. Quick, effortless . . . and accurate.

The New EDISON Radios

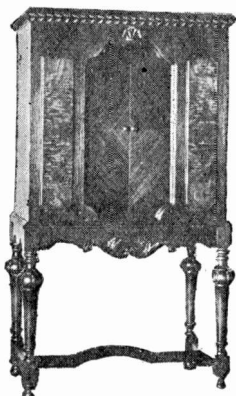
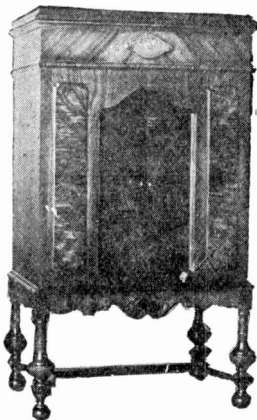
with LIGHT-O-MATIC Tuning



Wonderful combination of all-electric radio and phonograph in a massive studio cabinet. Edison electric pick-up...automatic stop that operates *without setting*, on ALL makes of records. Complete with tubes.
\$327.50

MODEL R-5

Handsome console. Beautiful walnut finish, with matched butt walnut pilasters and sliding doors. Relieved with birdseye maple. Phonograph jack. Complete with tubes.
\$196.50



MODEL R-4

Rich, dignified console bearing impress of world's finest artistry. Blended walnut finish with quarter matched sliding doors. Carved mouldings and ornaments. Phonograph jack. Complete with tubes.
\$227.50

Perfected from 50 Years Research in the Edison Laboratories

The new Edison Radio is the first and only receiver which Thomas A. Edison considers worthy to bear his name. This name is your assurance of PERFECTED RADIO. So look for the name "Thomas A. Edison" stamped in bronze on the panel of every Edison Radio. It is the greatest name in science. It is the greatest name in radio.

To you it means tonal purity, keener selectivity over the entire dial range, more exquisite cabinetry. Hear and see the new Edison Radio at the nearest Edison dealer. No obligation. A small payment will reserve yours for Christmas delivery.

H. R. CURTISS CO.,

Distributors for Southern California and Arizona
727 Venice Blvd.

Los Angeles

WEStmore 0271

After you have heard all the others---

get a demonstration of the

WARE *Electric*

*and be convinced as to the best in tone quality
and performance*

Ware Electric radios offer perfect reception to the entire broadcast band without distortion. It gives you that faithfulness in radio reception secured only by reproduction of over-tones. These are the sound waves that give any voice or musical note its distinctive quality. Over-tones do not mean loudness, but naturalness. Naturalness in reproduction is good tone. When you have good tone you are not aware of the reproduction coming from a radio set, but the effect is as if the artist or orchestra was truly in your presence.

To be convinced get a demonstration on the new Ware Electric. You will then recognize this difference instantly.

A choice of beautiful consoles, any of which will lend distinction to your home, including an antique English cabinet of most unusual appeal designed by Orsenigo.



WARE
Electric

We will be glad to send you literature explaining the Ware excellence and the name of your nearest dealer, or you may see the beautiful console models on display and hear them demonstrated at our display rooms at 407 East Pico Street, Room 803. Our telephone number is WEStmore 8992.

Carl A. Stone Company

Distributor

407 E. Pico St.

WEStmore 8992

Los Angeles

CHANNEL No. 47



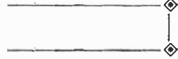
1010 Kcys., 296.9 Meters

KGGF 500 watts
WZNY 500 watts

(CANADIAN SHARED)

Picher, Okla.....D. L. Connell, M.D.
 Calif.....First Baptist Church
 k, N. Y.....Marcus Loew Booking Agency
 Okla.....University of Oklahoma
 k, N. Y.....Calvary Baptist Church
 k, N. Y.....Aviation Radio Station, Inc.

1020 Kcys., 293.9 Meters



dale, Ill.....Westinghouse Elec. & Mfg. Co.
 Ill.....Westinghouse Elec. & Mfg. Co.
 ohia, Pa.....Berachah Church, Inc.

1030 Kcys., 291.1 Meters



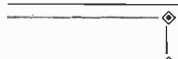
(DIAN EXCLUSIVE)

1040 Kcys., 288.3 Meters



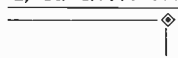
exas.....KRLD, Inc.
 ngs Nat. Park, Ark.....Hot Springs C. of C.
 ising, Mich.....Michigan State College
 N. Y.....Radio Station WKEN, Inc.

1050 Kcys., 285.5 Meters



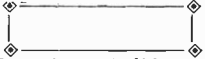
Kans.....John R. Brinkley, M.D.
 d, Calif.....Western Broadcasting Co.

1060 Kcys., 282.8 Meters



Ore.....Wilbur Jerman
 e, Md.....Cons. Gas, Elec. Lt. & Power Co.
 Nebr.....Norfolk Daily News.
 nn.....Travelers Brdctsg. Service Corp.

CHANNEL No. 53

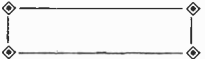


1070 Kcys., 280.2 Meters

KJBS D100 watts
WAAT D300 watts
WCAZ D50 watts
WDZ D100 watts
WEAR 1000 watts
WTAM CP50000 watts

San Francisco, Calif.....Julius Brunton & Sons Co.
 Jersey City, N. J.....Bremer Brdctsg. Corp.
 Carthage, Ill.....Carthage College
 Tuscola, Ill.....James L. Bush
 Cleveland, Ohio.....WTAM & WEAR, Inc.
 Cleveland, Ohio.....WTAM & WEAR, Inc.

CHANNEL No. 54

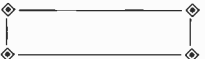


1080 Kcys., 277.6 Meters

WBT 5000 watts
WCBD LT5000 watts
WMBI LT5000 watts

Charlotte, N. C.....WBT, Inc.
 Zion, Ill.....Wilbur Glenn Voliva
 Chicago, Ill.....The Moody Bible Inst. Radio Station

CHANNEL No. 55



1090 Kcys., 275.1 Meters

KMOX-KFQA
 CP50000 watts

St. Louis, Mo.....Voice of St. Louis, Inc.

CHANNEL No. 56



1100 Kcys., 272.6 Meters

KGDM D50 watts
WLWL 5000 watts
WPG 5000 watts

Stockton, Calif.....E. F. Peffer
 New York...Missionary Soc. of St. Paul the Apostle
 Atlantic City, N. J.....Municipality of Atlantic City

CHANNEL No. 57



1110 Kcys., 270.1 Meters

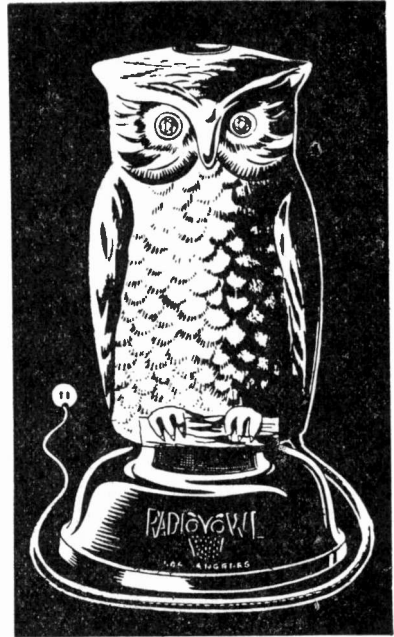
KSOO 1000 watts
WRVA CP50000 watts

Sioux Falls, S. D.....Sioux Falls Brdctsg. Assn.
 Richmond, Va.....Larus & Bro. Co., Inc.

Actual Size
4 1/4 inches high

New
Magic Device
**RADIO
OWL**

*Automatically turns off your
Radio, Household Appliances.
Simply plug in light socket.
Saves light bills, batteries and
tubes*



RADIO OWL SAVES LIGHT BILLS, TUBES, BATTERIES

Now you can leave your radio playing when you go to bed. This magic sentinel turns it off silently, automatically, after you're asleep. Eliminates all shut-off worries. Saves light bills, batteries, tubes from useless wear—quickly pays for itself.

Install Radio Owl in a second—simply plug into light socket. New, improved construction throughout. Practically indestructible. Will outlast your radio—nothing to get out of order. Operates on any make radio, battery or A. C.

Radio Owl also turns off any electric household appliance—night lights, irons, pads, washing machines, etc. Simply press Owl's head down to start current and set shut-off time. Radio Owl turns off current at any desired time to 2 hours.

Finished in two colors, bronze and antique bronze, this dependable sentinel is an attractive home ornament.

Your nearest dealer has the new improved Radio Owl. See it TODAY. If he is out of stock, send check for \$5.00. We ship post-paid.

RADIO OWL \$5.00 Complete

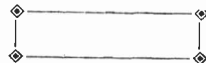
Manufactured by
TAYLOR-TRAVERS CORPORATION, LTD.

2269 E. 51st St.

Los Angeles, Calif.

LAfayette 9866

CHANNEL No. 58

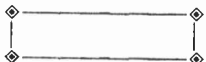


1120 Kcys., 267.7 Meters

(CANADIAN SHARED)

KFSG	500 watts	Los Angeles, Calif.....	Echo Park Evang. Assn.
KMIC	500 watts	Inglewood, Calif.....	Daltons, Inc.
KRSC	D50 watts	Seattle, Wash.....	Radio Sales Corp.
KUT	500 watts	Austin, Texas.....	KUT Broadcasting Co.
WCOA	500 watts	Pensacola, Fla.....	City of Pensacola, Fla.
WDEL	LS350 watts	Wilmington, Del.....	WDEL, Inc.
WHAD	250 watts	Milwaukee, Wis.....	Marquette University
WISN	250 watts	Milwaukee, Wis.....	Evening Wisconsin Co.
WTAW	500 watts	College Station, Tex.....	Agri. & Mech. College of Texas

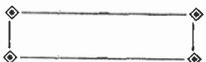
CHANNEL No. 59



1130 Kcys., 265.3 Meters

KSL	5000 watts	Salt Lake City, Utah.....	Radio Service Corp. of Utah
WJJD	LT20000 watts	Mooseheart, Ill.....	Loyal Order of Moose
WOV	D1000 watts	New York, N. Y.....	International Brdcastg. Corp.

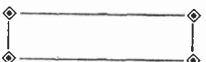
CHANNEL No. 60



1140 Kcys., 263.0 Meters

KVOO	5000 watts	Tulsa, Okla.....	Southwestern Sales Corp.
WAPI	5000 watts	Birmingham, Ala.....	Alabama Polytechnic Inst.

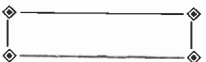
CHANNEL No. 61



1150 Kcys., 260.7 Meters

WHAM	5000 watts	Rochester, N. Y.....	Stromberg-Carlson Tel. Mfg. Co.
-------------	------------	----------------------	---------------------------------

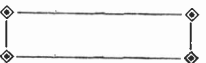
CHANNEL No. 62



1160 Kcys., 258.5 Meters

WOWO	10000 watts	Ft. Wayne, Ind.....	Main Auto Supply Co.
WWVA	LS5000 watts	Wheeling, W. Va.....	West Virginia Brdcastg. Corp.

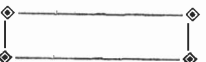
CHANNEL No. 63



1170 Kcys., 256.3 Meters

KTNT	LT5000 watts	Muscatine, Iowa.....	Norman Baker
WCAU	10000 watts	Philadelphia, Pa.....	Universal Brdcastg. Co.

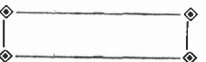
CHANNEL No. 64



1180 Kcys., 254.1 Meters

KEX	5000 watts	Portland, Ore.....	Western Brdcastg. Co.
KOB	CP20000 watts	State College, N. M., N. M. Col. of Agri. & Mech. Arts	
WDGY	LT1000 watts	Minneapolis, Minn.....	Dr. Geo. W. Young
WGBS	LT600 watts	New York City.....	General Broadcasting System, Inc.
WHDI	LT600 watts	Minneapolis, Minn.....	Wm. Hood Dunwoody Ind. Inst.

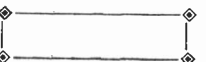
CHANNEL No. 65



1190 Kcys., 252.0 Meters

WICC	D500 watts	Bridgeport, Conn.....	Bridgeport Brdcastg. Station, Inc.
WOAI	CP50000 watts	San Antonio, Texas.....	Southern Equipment Co.

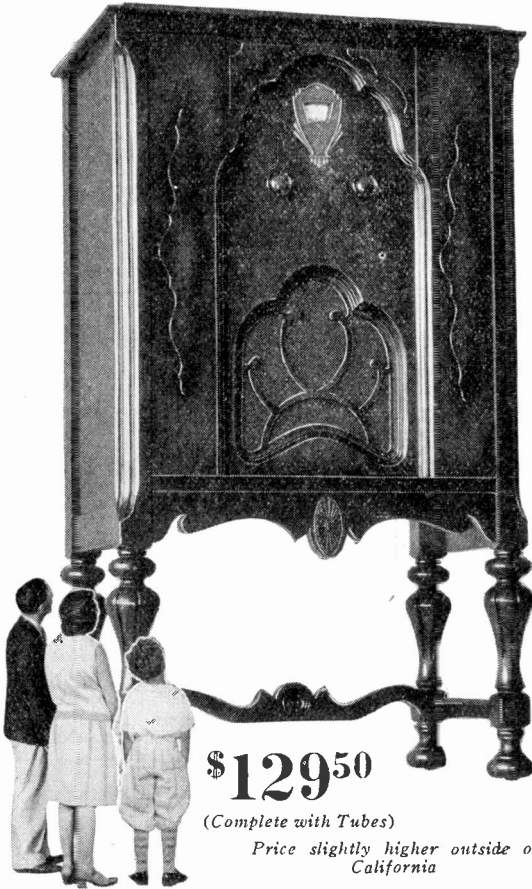
CHANNEL No. 66



1200 Kcys., 249.9 Meters

KFHA	100 watts	Gunnison, Colo.....	Western State College of Colo.
KFJB	100 watts	Marshalltown, Ia.....	Marshall Electric Co., Inc.
KFWF	100 watts	St. Louis, Mo.....	St. Louis Truth Center, Inc.
KGCU	100 watts	Mandan, N. C.....	Mandan Radio Assn.
KGDE	50 watts	Fergus Falls, Minn.....	Jaren Drug Co.
KGDY	15 watts	Oldham, S. D.....	J. Albert Loesch
KGEK	50 watts	Yuma, Colo.....	Beehler Electrical Equip. Co.
KGEW	100 watts	Ft. Morgan, Colo.....	City of Ft. Morgan
KGFK	50 watts	Hallock, Minn.....	R. W. Lautzenheiser & O. R. Mitchell
KGFJ	100 watts	Los Angeles, Calif.....	Ben S. McGlashan
KGHI	CP100 watts	Little Rock, Ark.....	First Baptist Church

Faithful Reproduction



The vibrating song of the violin . . . the enlivening pulsation of the dance orchestra . . . the tuneful aria of the prima donna—these a radio should reproduce with unerring fidelity. It should bury its own personality entirely and relay the impressions exactly as they are heard in the broadcasting chamber.

This is the ideal that has been constantly held in mind by Falck engineers. And so they have originated or incorporated into the Falck features which help to deliver this exactness of tone. In the new Falck you will find:

1. Screen grid—for selectivity and sensitivity.
2. Power tubes—to increase power.
3. Push-Pull amplification—for fidelity of tone.
4. True dynamic speaker—for realism and tonal range.
5. One dial control — for ease of tuning.
6. Controlled regeneration—for volume.
7. Tuned antenna circuit—to prevent harmonics.

Falck Dealers will be pleased to give a FREE demonstration



Falck - 53

SCREEN-GRID PLUS

Manufactured and Guaranteed by

ADVANCE ELECTRIC COMPANY 1260 W. Second St. Los Angeles, Calif.
Pioneer Manufacturers of Radio Equipment

CHANNEL No. 66—Cont.

1200 Kcys., 249.9 Meters

KGY	10 watts	Lacey, Wash.	St. Martin's College
KSMR	100 watts	Santa Maria, Calif.	Santa Maria Valley R. R. Co.
KVOS	100 watts	Bellingham, Wash.	KVOS, Inc.
KWVG	100 watts	Stockton, Calif.	Portable Wireless Tel. Inc.
KXO	100 watts	El Centro, Calif.	E. R. Irely & F. M. Bowles
WABI	100 watts	Bangor, Maine	First Universalist Church of Bangor
WABZ	100 watts	New Orleans, La.	Coliseum Place Baptist Church
WBBY	75 watts	Charleston, S. C.	Washington Light Infantry
WBBZ	100 watts	Ponca City, Okla.	Washington Light Infantry
WBCAT	100 watts	Rapid City, S. D.	C. L. Carrell
WCAX	100 watts	Burlington, Vt.	S. D. State School of Mines
WCLO	100 watts	Kenosha, Wis.	University of Vermont
WCOD	100 watts	Harrisburg, Pa.	C. E. Whitmore
WFBC	50 watts	Knoxville, Tenn.	Norman R. Hoffman
WHBC	10 watts	Canton, Ohio	First Baptist Church
WHBY	LT100 watts	West DePere, Wis.	St. John's Catholic Church
WIAP	30 watts	Louisville, Ky.	American Brdcastg. Corp. of Kentucky
WIBX	LS300 watts	Utica, N. Y.	WIBX, Inc.
WIL	LS250 watts	St. Louis, Mo.	Missouri Brdcastg. Cor.
WJBC	100 watts	LaSalle, Ill.	Hummer Furniture Co.
WJBL	100 watts	Decatur, Ill.	Wm. Gushard Dry Goods Co.
WJBW	30 watts	New Orleans, La.	C. Carlson
WKJC	100 watts	Lancaster, Pa.	Kirk Johnson & Co.
WLBG	LS250 watts	Petersburg, Va.	Robert Allen Gamble
WMAY	LS250 watts	St. Louis, Mo.	Kingshighway Pres. Ch.
WNBO	100 watts	Washington, Pa.	John Brownlee Spriggs
WNBW	CP10 watts	Carbondale, Pa.	Home Cut Glass & China Co.
WNBX	10 watts	Springfield, Vt.	First Cong. Church Corp.
WORC	100 watts	Auburn, Mass.	A. F. Kleindienst
WRAF	100 watts	LaPorte, Ind.	The Radio Club, Inc.
WRBL	50 watts	Columbus, Ga.	Roy E. Martin
WWAE	100 watts	Hammond, Ind.	Hammond-Calumet Brdcastg. Corp.

CHANNEL No. 67

1210 Kcys., 247.8 Meters

(CANADIAN SHARED)

KDFN	CP100 watts	Casper, Wyoming	Donald Lewis Hathaway
KDLR	100 watts	Devils Lake, N. D.	Bert Wick & Harold Serumgard
KFOR	LS100 watts	Lincoln, Nebr.	Howard A. Shuman
KFVS	100 watts	Cape Girardeau, Mo.	Hirsch Battery & Radio Co.
KFXM	100 watts	San Bernardino, Calif.	J. C. and E. W. Lee
KGCR	100 watts	Watertown, S. D.	Cutler's Radio Brdcastg. Serv., Inc.
KMJ	100 watts	Fresno, Calif.	The Fresno Bee
KPCB	50 watts	Seattle, Wash.	Pacific Coast Biscuit Co.
KPPC	50 watts	Pasadena, Calif.	Pasadena Presbyterian Church
KPQ	100 watts	Seattle, Wash.	Archie Taft & Louis Wasmer
KWEA	100 watts	Shreveport, La.	William E. Antony
WBAX	CP100 watts	Bear Creek, Pa.	John H. Stenger, Jr.
WBXS	100 watts	Springfield, Ill.	Chas. Messter & H. L. Dewing
WCOH	100 watts	Yonkers, N. Y.	Westchester Brdcastg. Corp.
WCRW	100 watts	Chicago, Ill.	Clinton R. White
WDWF-WLSI	100 w	Cranston, R. I.	D. W. Flint & Lincoln Studios, Inc.
WEBE	100 watts	Cambridge, Ohio	Roy W. Waller
WEDC	100 watts	Chicago, Ill.	Emil Denemark, Inc.
WEBK	100 watts	Harrisburg, Ill.	First Tr. & Sav. Bank of Harrisburg
WGBB	100 watts	Freeport, N. Y.	Harry H. Carman
WGCM	100 watts	Gulfport, Miss.	Gulfport Coast Music Co., Inc.
WHBF	100 watts	Rock Island, Ill.	Berdley Specialty Co.
WHBU	100 watts	Anderson, Ind.	Citizens Bank
WIBA	100 watts	Madison, Wis.	Capital Times-Strand Theatre Station
WINR	100 watts	Bayshore, N. Y.	Radiotel Mfg. Co., Inc.
WJBI	100 watts	Redbank, N. J.	Robert S. Johnson
WJBU	100 watts	Lewistown, Pa.	Bucknell University
WJBY	50 watts	Gadsden, Ala.	Chas. J. Black
WJW	100 watts	Mansfield, Ohio	Mansfield Brdcastg. Assn.
WLCI	50 watts	Ithaca, N. Y.	Lutheran Assn. of Ithaca, N. Y.
WMAN	50 watts	Columbus, Ohio	W. E. Heskett
WMBG	100 watts	Richmond, Va.	Havens & Martin, Inc.
WMBR	100 watts	Tampa, Fla.	F. J. Reynolds
WOCL	25 watts	Jamestown, N. Y.	A. E. Newton
WOMT	100 watts	Manitowoc, Wis.	Francis M. Kadow
WPAW	100 watts	Pawtucket, R. I.	Shartenberg & Robinson Co.
WRBU	100 watts	Gastonia, N. C.	A. J. Kirby Music Co.
WRBQ	100 watts	Greenville, Miss.	J. Pat Scully
WSBC	100 watts	Chicago, Ill.	World Battery Co., Inc.
WSIX	100 watts	Springfield, Tenn.	Tire & Vulcanizing Co.
WTAZ	50 watts	Streator, Ill.	Williams Hardware Co.
WTAZ	15 watts	Richmond, Va.	W. Reynolds, Jr., & T. J. McGuire



Presents

A RADIO DESIGNED ESPECIALLY TO
MEET WEST COAST CONDITIONS

New Sets With Amazing

VIBRA-CONTROL

Actually Engineered for Local Conditions



Model 25
Screen Grid Fada

An exceptionally high quality compact walnut console cabinet, with full visible front tuning panel of matched burl walnut. Decorative side panels, with special maple panels above and below. Dark brown walnut finish. \$172.00. Less Tubes.

The West Coast has its own radio receiver at last . . . sensitive . . . selective . . . embodying every important scientific advance, plus exclusive Vibra-Control . . . the complete control of all vibrations that reproduces programs exactly as broadcast FREE from distortion, interference and roars. The famous Fada laboratories did it . . . sending engineers to study radio reception in Los Angeles.

Vibra-Control has salvaged radio's most baffling problem . . . the complete control of all radio vibrations . . . only possible when Fada had so coordinated the receiver, speaker and console that all unwanted vibrations were eliminated and every musical shading was brought in clean-cut and clear—and that's the secret of true tone realism.

Hear Vibra-Control Today

Ask your Fada dealer to let you hear any of the new Fada radios and you'll discover tone realism impossible without Vibra-Control. For the address of your nearest Fada dealer call BEacon 1313.



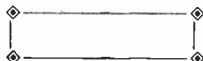
.. So. Cal. and Arizona Distributor..

H. H. WALKER

1323 Venice Blvd.

Tel. BE 1313

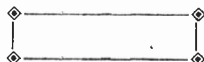
CHANNEL No. 68



1220 Kcys., 245.8 Meters

KFKU	1000 watts	Lawrence, Kans.....	University of Kansas
WCAD	D500 watts	Canton, N. Y.....	St. Lawrence University
WCAE	500 watts	Pittsburgh, Pa.....	Kaufman & Baer Co., Inc.
WREN	1000 watts	Lawrence, Kans.....	Jenny Wren Co.

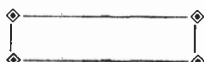
CHANNEL No. 69



1230 Kcys., 243.8 Meters

KFIO	D100 watts	Spokane, Wash.....	North Central High School
KFQD	100 watts	Anchorage, Alaska.....	Anchorage Radio Club
KGGM	LS500 watts	Albuquerque, N. M.....	New Mexico Brdcstg. Co.
WFBB	1000 watts	Indianapolis, Ind.....	Indianapolis Power & Light Co.
WNAC-WBIS	1000 w.	Boston, Mass.....	Shepard Norwell Co. (Shepard Stores)
WPSC	D500 watts	State College, Pa.....	The Penna. State College
WSBT	500 watts	South Bend, Ind.....	South Bend Tribune

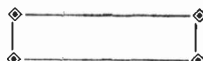
CHANNEL No. 70



1240 Kcys., 241.8 Meters

KSAT	1000 watts	Ft. Worth, Tex.....	Texas Air Transport Brdcstg. Co.
WGHP	750 watts	Detroit, Mich.....	American Broadcasting Corp.
WJAD	1000 watts	Waco, Tex.....	Frank P. Jackson
WQAM	1000 watts	Miami, Fla.....	Miami Broadcasting Co.

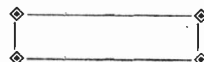
CHANNEL No. 71



1250 Kcys., 239.9 Meters

KFMX	1000 watts	Northfield, Minn.....	Carleton College
KFOX	1000 watts	Long Beach, Calif.....	Nichols & Warinner, Inc.
KIDO	1000 watts	Boise, Idaho.....	Boise Broadcast Station
WAAM	LS2000 watts	Newark, N. J.....	WAAM, Inc.
WCAL	1000 watts	Northfield, Minn.....	St. Olaf College
WDSU	1000 watts	New Orleans, La.....	Joseph H. Uhalt
WGCP	250 watts	Newark, N. J.....	May Radio Broadcast Corp.
WLB-WGMS	500 w.	Minneapolis, Minn.....	University of Minn.
WODA	1000 watts	Paterson, N. J.....	Richard E. O'Dea
WRHM	1000 watts	Minneapolis, Minn.....	Rosedale Hospital Co., Inc.

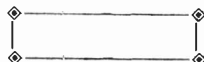
CHANNEL No. 72



1260 Kcys., 238.0 Meters

KOIL	2500 watts	Council Bluffs, Iowa.....	Mona Motor Oil Co.
KRGV	500 watts	Harlingen, Tex.....	Valley Radio-Electric Corp.
KVOA	D500 watts	Tucson, Ariz.....	Robert M. Riculfi
WQWG	1000 watts	Brownsville, Tex.....	Chamber of Commerce
WJAX	1000 watts	Jacksonville, Fla.....	City of Jacksonville
WLBW	500 watts	Oil City, Pa.....	Petroleum Telephone Co.

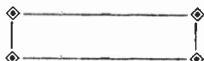
CHANNEL No. 73



1270 Kcys., 236.1 Meters

KFUM	1000 watts	Colorado Spring, Colo.....	W. D. Corley
KGCA	D500 watts	Decorah, Iowa.....	Chas. W. Greenley
KOL	1000 watts	Seattle, Wash.....	Seattle Broadcasting Co., Inc.
KTW	1000 watts	Seattle, Wash.....	First Presbyterian Church
KWLC	D1000 watts	Decorah, Iowa.....	Luther College
WASH	500 watts	Grand Rapids, Mich.....	WASH Broadcasting Corp.
WEAI	D500 watts	Ithaca, N. Y.....	Cornell University
WFBR	250 watts	Baltimore, Md.....	Baltimore Radio Show, Inc.
WJDX	CP1000 watts	Jackson, Miss.....	Lamar Life Ins. Co.
WOOD	500 watts	Grand Rapids, Mich.....	Walter B. Stiles, Inc.

CHANNEL No. 74



1280 Kcys., 234.2 Meters

WCAM	500 watts	Camden, N. J.....	City of Camden
WCAP	500 watts	Asbury Park, N. J.....	Radio Industries Broadcast Co.
WDAY	1000 watts	Fargo, N. D.....	WDAY, Inc.
WDOD	LS2500 watts	Chattanooga, Tenn.....	Chattanooga Radio Co., Inc.
WOAX	500 watts	Trenton, N. J.....	Franklyn J. Wolff
WRR	500 watts	Dallas, Tex.....	City of Dallas

THE BIG THREE OF RADIO



227

The most perfect detector made — that's why SPEED 227's cost more for us to make, but not for you to buy. Burn - out proof! Fast heating — 5 seconds flat (not by words.—by test!)

224

New? Not to us. In production in 1928 when demand was only experimental. While others have been announcing, we have been improving. That's what foresight and tube-making experience were able to do.

245

Perfected and in production weeks ahead of others. Very rigidly constructed — extra bracing of the elements and special anchoring of filament in the SPEED 245 give added volume and finer tone quality.

THE SPEED Tube line is, of course, complete*. But these are the "Big Three" now—the ones you're interested in particularly, because they're the ones your customers want. Carry the quality 227's, 224's, 245's,—SPEED—and your tube business is assured.

The SPEED proposition demands the consideration of every wide-awake jobber and dealer as a matter of good business. Work fast—write at once —franchises are going fast.

*The SPEED line also includes the 201A, 199, X140, WD11, WD19, 200AA, 112A, 171A, 171AC, 210A, 250, 226, 280, 281.



84-90 No. Ninth St., Brooklyn, N. Y.



MAKERS OF RADIO TUBES SINCE 1924

Representatives

- SPEED SALES CO., 253 Venice Blvd., Los Angeles, Calif.
- MONARCH SALES CO., 1268 Mission St., San Francisco
- ARTHUR S. DETSCH, Security Bldg., Portland, Ore.
- ARTHUR S. DETSCH, Terminal Bldg., Seattle, Wash.

CHANNEL No. 75

1290 Kcys., 232.4 Meters

KDYL	1000 watts	Salt Lake City, Utah....	Intermountain Brdcstg. Corp.
KFUL	1000 watts	Galveston, Tex.....	Will H. Ford
KLCN	D50 watts	Blytheville, Ark.....	Charles Leo Lintzenich
KTSA	LS2000 watts	San Antonio, Tex.....	Lone Star Brdcst. Co., Inc.
WEBC	1000 watts	Duluth, Minn.....	Head of the Lakes Broadcasting Co.
WJAS	CP1000 watts	Pittsburgh, Pa.....	Pittsburgh Radio Supply House
WNBZ	D50 watts	Saranac Lake, N. Y.....	Smith & Mace

CHANNEL No. 76

1300 Kcys., 230.6 Meters

KFH	CP1000 watts	Wichita, Kans.....	KFH Co.
KFJR	500 watts	Portland, Ore.....	Ashley C. Dixon & Son
KGEF	1000 watts	Los Angeles, Calif....	Trinity Methodist Church, South
KTBI	750 watts	Los Angeles, Calif....	Bible Institute of Los Angeles
KTBR	500 watts	Portland, Ore.....	M. E. Brown
WEVD	500 watts	New York, N. Y.....	Debs Memorial Radio Fund, Inc.
WHAP	1000 watts	New York, N. Y.....	Defenders of Truth Society, Inc.
WHAZ	500 watts	Troy, N. Y.....	Rensselaer Poly. Inst.
WIBW	2500 watts	Topeka, Kans.....	Topeka Brdcstg. Assn., Inc.
WIOD	1000 watts	Miami Beach, Fla.....	Isle of Dreams Brdcstg. Co.
WBBR	1000 watts	Rossville, N. Y.....	Peoples Pulpit Association

CHANNEL No. 77

1310 Kcys., 228.9 Meters

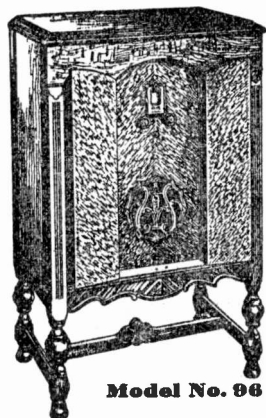
KFBK	100 watts	Sacramento, Calif.....	James McClatchy Co.
KFGQ	100 watts	Boone, Ia.....	Boone Biblical College
KFJY	100 watts	Ft. Dodge, Ia.....	C. S. Tunwall
KFPL	15 watts	Dublin, Tex.....	C. C. Baxter
KFPM	15 watts	Ravenna, Neb.....	Otto F. Sothman
KFUP	100 watts	Denver, Colo.....	Fitzsimmon Gen. Hospital, U. S. Army
KFXJ	50 watts	Edgewater, Colo.....	R. G. Howell
KFXR	250 watts	Oklahoma City, Okla....	Exchange Ave. Baptist Church
KGEZ	100 watts	Kalispell, Mont.....	Kalispel C. of C.
KGFW	50 watts	Greenville, Tex.....	The New Furniture Co.
KGCO	CP10 watts	Wolf Point, Mont.....	First State Bank of Vida
KMED	50 watts	Medford, Ore.....	Mrs. W. J. Virgin
KRMD	50 watts	Shreveport, La.....	Robert M. Dean
KTSL	100 watts	Shreveport, La.....	Houseman Sheet Met. Works, Inc.
KTSM	100 watts	El Paso, Tex.....	W. L. Bledsole & W. T. Blackwell
KWBB	100 watts	Joliet, Ill.....	Sanders Bros.
KWCR	100 watts	Cedar Rapids, Ia.....	Harry F. Paap
KXL	500 watts	Portland, Ore.....	KXL Broadcasters, Inc.
KXRO	75 watts	Aberdeen, Wash.....	KXRO, Inc.
WAGM	50 watts	Royal Oak, Mich.....	Robert L. Miller
WBOW	100 watts	Terre Haute, Ind.....	Banks of Wabash, Incorporated
WBRE	100 watts	Wilkes-Barre, Pa.....	Louis G. Baltimore
WCLS	100 watts	Joliet, Ill.....	WCLS, Inc.
WDAH	100 watts	El Paso, Tex.....	Trinity Methodist Church
WEBR	LS2000 watts	Buffalo, N. Y.....	Howell Broadcasting Co., Inc.
WFBG	100 watts	Altoona, Pa.....	William F. Gable Co.
WFDF	100 watts	Filint, Mich.....	Frank D. Fallain
WFKD	50 watts	Philadelphia, Pa.....	Foulkrod Radio Eng. Co.
WGAL	15 watts	Lancaster, Pa.....	Lancaster Elec. Sup. Co.
WGH	100 watts	Newport News, Va.....	Virginia Broadcasting Co., Inc.
WIBU	100 watts	Poynette, Wis.....	William C. Forrest
WJAC	100 watts	Johnstown, Pa.....	Johnstown Auto Co.
WJAK	50 watts	Marion, Ind.....	Marion Broadcast Co.
WKAV	100 watts	Laconia, N. H.....	Laconia Radio Club
WKBC	100 watts	Birmingham, Ala.....	R. B. Broyles Furniture Co.
WKBS	100 watts	Galesburg, Ill.....	Perml N. Nelson
WLBC	50 watts	Muncie, Ind.....	Donald A. Burton
WNAT	100 watts	Philadelphia, Pa.....	Lennig Bros. Co.
WNBH	100 watts	New Bedford, Mass....	New Bedford, Broadcasting Co.
WNBJ	50 watts	Knoxville, Tenn.....	Lonsdale Baptist Church
WOBT	15 watts	Union City, Tenn.....	Tittsworth's Radio & Music Shop
WOL	100 watts	Washington, D. C.....	American Broadcasting Co.
WRAW	100 watts	Reading, Pa.....	Avenue Radio & Electric Shop
WRBI	20 watts	Tifton, Ga.....	Kent's Furniture & Music Store
WRK	100 watts	Hamilton, Ohio.....	S. W. Doran & John C. Slade
WSAJ	100 watts	Grove City, Pa.....	Grove City College
WSJS	CP100 watts	Winston-Salem, Mass....	Winston-Salem Journal Co.

SCREEN GRID

3 Screen Grid
Tubes

5 Gang
Condenser

LYRIC RADIO "The CHALLENGER"



Model No. 96

In the exquisite cabinet
shown above, only

\$195⁰⁰

Complete with Tubes

Other beautiful cabinets to
suit your fancy

LISTEN IN

The LYRIC "Challenger" on the air
every Saturday at 8 p. m. (Eastern
Standard Time) over WEAJ, New
York, and entire NBC network.

TO the successive betterments
pioneered by LYRIC Radio, "The
Challenger", is now added another
great advancement—the TRI-PENT
perfected Screen Grid, combining im-
provements and refinements never
before approached in radio develop-
ment.

Here, in the new LYRIC Radio,
"The Challenger", with its 3 Screen
Grid Tubes, 5-gang Condenser and
Electro-Dynamic Speaker is radio
reproduction at its very best. Radio
that is totally different in expression
and realism—totally different in
selectivity and sensitivity—totally
new in volume—in smoothness,
clarity, and brilliancy. Tri-Pent
Screen Grid LYRIC Radio, "The
Challenger", is truly the last word
in radio reception.

Hear it. Compare the pure, rich,
clear tone. Judge it by every standard
— quality of performance, beauty of
cabinet work; and above all, note the
low price at which this finest of radios
can be purchased. Then you'll wisely
choose the new Tri-Pent Screen Grid
LYRIC Radio, "The Challenger"

Distributed in California by

Listenwalter & Gough, Inc.

819 East First Street, Los Angeles

TRinity 9711

CHANNEL No. 78

1320 Kcys., 227.1 Meters

KGHF	250 watts	Pueblo, Colo.....	Curtis P. Ritchie and Joe E. Finch
KGIQ	250 watts	Twin Falls, Idaho.....	Radio Broadcasting Corp.
KID	250 watts	Idaho Falls, Idaho.....	Jack W. Duckworth, Jr.
WADC	1000 watts	Akron, Ohio.....	Allen T. Simmons
WSMB	500 watts	New Orleans, La.	Saenger Theaters, Inc., and Maison Blanche Co.

CHANNEL No. 79

1330 Kcys., 225.4 Meters

KGB	250 watts	San Diego, Calif.....	Pickwick Broadcasting Corp.
KSCJ	2500 watts	Sioux City, Iowa.....	Perkins Bros. Co.
WDRC	500 watts	New Haven, Conn.....	The Doolittle Radio Corp.
WSAI	500 watts	Cincinnati, Ohio.....	Crosley Radio Corp. (Lessee)
WTAQ	1000 watts	Eau Claire, Wis.....	Gillette Rubber Co.

CHANNEL No. 80

1340 Kcys., 223.7 Meters

KFPY	500 watts	Spokane, Wash.....	Symons Broadcasting Co.
KMPW	D500 watts	Siloam Springs, Ark.....	Rev. Lannie W. Stewart
KMO	500 watts	Tacoma, Wash.....	KMO, Inc.
WSPD	LS500 watts	Toledo, Ohio.....	Toledo Broadcasting Co.

CHANNEL No. 81

1350 Kcys., 222.1 Meters

KWK	1000 watts	St. Louis, Mo.....	Greater St. Louis Brdcstg. Corp.
WBNY	250 watts	New York, N. Y.....	Baruchrome Corp.
WCDA	250 watts	New York City.....	Italian Educational Brdcstg. Co., Inc.
WKBQ	250 watts	New York, N. Y.....	Standard Cahill Co., Inc.
WMSG	250 watts	New York, N. Y.....	Madison Sq. Garden Brdcst. Corp.

CHANNEL No. 82

1360 Kcys., 220.4 Meters

KFBB	500 watts	Great Falls, Mont.....	Buttrely Broadcast, Inc.
KGER	250 watts	Long Beach, Calif.....	C. Merwin Dobyns
KGIR	250 watts	Butte, Mont.....	Symons Broadcasting Co.
KPSN	1000 watts	Pasadena, Calif.....	Pasadena Star-News Pub. Co.
WGES	500 watts	Chicago, Ill.....	Oak Leaves Brdcstg. Station, Inc.
WJKS	LS1250 watts	Gary, Ind.....	Johnson Kennedy Radio Corp.
WLEX	500 watts	Lexington, Mass.....	The Lexington Air Stations
WMAF	500 watts	South Dartmouth, Mass.....	Round Hills Radio Corp.
WQRC	300 watts	Utica, Miss.....	Utica Chamber of Commerce, Inc.
WSSH	LS500 watts	Boston, Mass.....	Tremont Temple Baptist Church
WTOC	500 watts	Savannah, Ga.....	Chamber of Commerce

CHANNEL No. 83

1370 Kcys., 218.8 Meters

KCRC	250 watts	Enid, Okla.....	Champlin Refining Co.
KFBL	50 watts	Everett, Wash.....	Leese Bros.
KFJI	100 watts	Astoria, Ore.....	George Kincaid
KFJM	100 watts	Grand Forks, N. D.....	University of North Dakota
KEJZ	100 watts	Fort Worth, Tex.....	H. C. Meacham
KFLX	100 watts	Galveston, Tex.....	George Roy Clough
KGAR	100 watts	Tucson, Ariz.....	Tucson Motor Service Co.
KGBX	100 watts	St. Joseph, Mo.....	Foster-Hall Tire Co.
KGCI	100 watts	San Antonio, Tex.....	Liberto Radio Sales Co.
KGDA	50 watts	Dell Rapids, S. D.....	J. R. Nelson, as Home Auto Co.
KGFG	100 watts	Oklahoma City, Okla.....	Faith Tabernacle Assn., Inc.
KGFL	50 watts	Raton, N. M.....	Hubbard & Murphy
KGKL	100 watts	San Angelo, Tex.....	KGKL, Incorporated
KGRC	100 watts	San Antonio, Tex.....	Eugene J. Roth
KIT	50 watts	Yakima, Wash.....	Carl E. Raymond
KLO	LS200 watts	Ogden, Utah.....	Perry Building Co.
KOH	100 watts	Reno, Nevada.....	Jay Peters, Inc.
KOOS	50 watts	Marshfield, Ore.....	H. H. Hanseth
KRE	100 watts	Berkeley, Calif.....	First Cong. Church of Berkeley
KVL	100 watts	Seattle, Wash.....	Arthur C. Dalley
KWKC	100 watts	Kansas City, Mo.....	Wilson Duncan Brdcstg. Co.
WBBL	100 watts	Richmond, Va.....	Grace Covenant Presbyterian Church

SUNSET

A Positive Ground and the Selective Aerial

One of the most important requirements of good reception

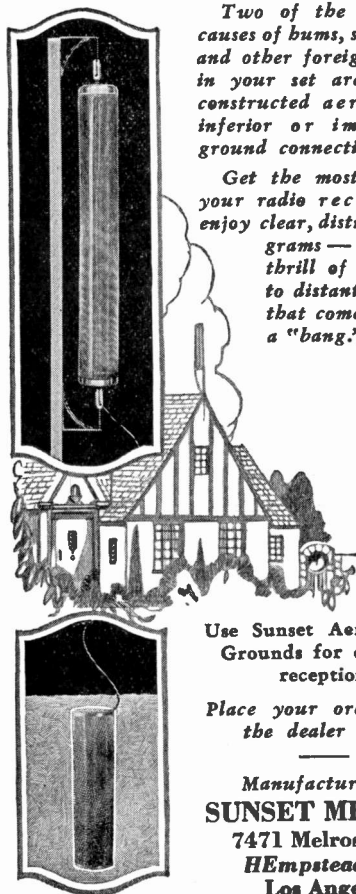
Two of the greatest causes of hums, scratches and other foreign noises in your set are poorly constructed aerial and inferior or improper ground connection.

Get the most out of your radio receiver—enjoy clear, distinct programs—get the thrill of listening to distant stations that come in with a “bang.”

Use Sunset Aerials and Grounds for efficient reception.

Place your order with the dealer now!

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



“DX” Reception

(Continued from Page 8)

performance, a proper antenna and ground installation is necessary. A piece of wire in the picture molding and a ground to a convenient pipe may be quite satisfactory for local reception, but no set owner with such an installation is justified in complaining of the lack of DX reception. He may even get some distant stations, but by no means the maximum reception of which the receiver is capable.

Ground

The best ground connection consists of a metal body buried deep enough in the ground to reach the moisture-bearing strata. This may consist of any of the special marketed grounds, buried deeply, or an iron pipe or steel rod driven down. It is desirable to provide means of pouring water down to the point of contact, salt water being preferable because it will raise the conductivity of the surrounding soil. This separate ground connection is superior to grounding to the water pipe. The latter is the hitching post for other electrical systems, and may or may not constitute a good ground connection. In many cases the actual electrical resistance between the point of contact on the pipe and the point where the pipe goes underground is so great that the connection to the pipe does not comprise an actual ground connection at all. It connects the radio more tightly to the door-bell and telephone systems than to Mother Earth.

Antenna

The antenna effects the reception in three ways. First, it is primarily intended to comprise the “pick-up” medium or “intercepting” surface whereby the waves radiating from the transmitting station are required to give up a bit of their energy in passing. It is logical that the amount of energy picked up by the antenna will depend upon its size. The larger the antenna, the more energy will be received. For DX reception, one would suppose that

(Continued on Page 79)

CHANNEL No. 83—Cont.

1370 Kcys., 218.8 Meters

WCRM	100 watts	Baltimore, Md.	Baltimore Broadcasting Corp.
WEHC	100 watts	Emory, Va.	Emory and Henry College
WELK	100 watts	Philadelphia, Pa.	Howard R. Miller
WFBJ	100 watts	Collegeville, Minn.	St. Johns University
WGL	100 watts	Ft. Wayne, Ind.	Allen Wayne Co.
WHBQ	100 watts	Memphis, Tenn.	Brdcstg. Station WHBQ, Inc.
WHBD	100 watts	Bellefontaine, Ohio	E. P. Moler
WHDF	LS250 watts	Calumet, Mich.	Upper Mich Brdcstg. Co.
WIBM	100 watts	Jackson, Mich.	C. L. Carrell
WJBK	50 watts	Ypsilanti, Mich.	James F. Hopkins
WJBO	100 watts	New Orleans, La.	Valdemar Jensen
WMBO	100 watts	Auburn, N. Y.	Radio Service Laboratories
WPOE	30 watts	Patchogue, N. Y.	Nassau Brdcstg. Corp.
WRAK	50 watts	Erie, Pa.	Clarence R. Cummins
WRRT	100 watts	Wilmington, N. C.	Wilmington Radio Association
WRJN	100 watts	Racine, Wis.	Racine Broadcasting Corp.
WSVS	50 watts	Buffalo, N. Y.	Seneca Vocational School

CHANNEL No. 84

1380 Kcys., 217.3 Meters

KQV	500 watts	Pittsburgh, Pa.	Doubleday-Hill Elec. Co.
KSO	500 watts	Clarinda, Ia.	Berry Seed Co. (CP issued for 1 kw.)
WKBH	1000 watts	LaCrosse, Wis.	Jos. Callaway
WSMK	200 watts	Dayton, Ohio	Stanley M. Krohn, Jr.

CHANNEL No. 85

1390 Kcys., 215.7 Meters

KLRA	1000 watts	Little Rock, Ark.	Arkansas Brdcstg. Co.
KOY	500 watts	Phoenix, Ariz.	Nielsen Radio Supply Co.
KUOA	1000 watts	Fayetteville, Ark.	University of Arkansas
KWSC	500 watts	Pullman, Wash.	State College of Washington
WHK	1000 watts	Independence, Ohio	Radio Air Service Corp.

CHANNEL No. 86

1400 Kcys., 214.2 Meters

KOCW	LS500 watts	Chickasha, Okla.	Oklahoma College for Women
WBAA	CP500 watts	W. Lafayette, Ind.	Purdue University
WBBC	500 watts	Brooklyn, N. Y.	Brooklyn Broadcasting Corp.
WCGU	500 watts	Coney Island, N. Y.	U. S. Broadcasting Corp.
WCMA	500 watts	Culver, Ind.	Culver Military Academy
WKBF	500 watts	Indianapolis, Ind.	Indianapolis Brdcstg., Inc.
WLTH	500 watts	Brooklyn, N. Y.	Voice of Brooklyn, Inc.
WSGH-WSDA	500 w.	Brooklyn, N. Y.	Amateur Radio Spec. Co.

CHANNEL No. 87

1410 Kcys., 212.6 Meters

KFLV	500 watts	Rockford, Ill.	A. T. Frykman
KGRS	1000 watts	Amarillo, Texas	Gish Radio Service
WBCM	500 watts	Bay City, Mich.	James E. Davidson
WDAG	250 watts	Amarillo, Texas	Natl. Radio & Brdcstg. Corp.
WHBL	500 watts	Sheboygan, Wis.	Press Pub. Co. & C. L. Carrell
WODX	CP500 watts	Springfield, Ala.	Mobile Brdcstg. Corp.
WSGP	CP500 watts	Savannah, Ga.	Chamber of Commerce

CHANNEL No. 88

1420 Kcys., 211.1 Meters

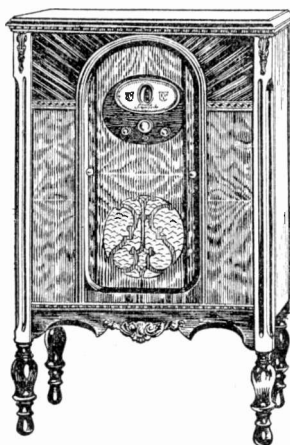
KFIF	100 watts	Portland, Ore.	Denson Polytechnic School
KFIZ	100 watts	Fond du Lac, Wis.	The Reporter Printing Co.
KFQU	100 watts	Holy City, Calif.	W. E. Riker
KFQW	100 watts	Seattle, Wash.	KFQW, Inc.
KFXD	50 watts	Jerome, Idaho	Service Radio Co.
KFFX	100 watts	Flagstaff, Ariz.	Mary M. Costigan
KFYO	LS250 watts	Ablene, Tex.	Kirksey Bros.
KGFF	100 watts	Alva, Okla.	KGFF Broadcasting Co.
KGCG	50 watts	San Francisco, Calif.	The Golden Gate Brdcstg. Co.
KGWI	100 watts	Trinidad, Colo.	Trinidad Creamery Co., Inc.
KGIX	CP100 watts	Las Vegas, Nev.	J. M. Heaton

SM SILVER-MARSHALL, Inc.
Greatest Distance Champion

SILVER RADIO

*Has the Most Glorious Tone
 You Ever Heard!*

Your neighborhood Silver Radio dealer will gladly give you a FREE DEMONSTRATION in your own home of the many exclusive Silver Radio features.



3 Beautiful Models

Princess Model
(As illustrated)
 Installed, less tubes
 \$170.50

Aristocrat Model
(All its name implies)
 Installed, less tubes
 \$195.00

De Luxe Model
(A massive, luxurious cabinet)
 Installed, less tubes
 \$206.00

**You Can Visit Around the World in a Few Minutes
 With Your Silver Radio**

**PLAYS 5 JAPANESE STATIONS
 ALTERNATELY FOR 2 HOURS**

R. L. Burnley of Pomona played 5 Japanese stations, JOAK, JOIK, JOGK, JOHK, and JOBK, continuously for 2 hours and dialed from one to the other at will on his Silver Radio without aerial, loop, or ground. Four newspaper men were witnesses.

Your Silver Radio will give you outstanding performance. Silver Radio is so good it requires no aerial or ground for brilliant local or distance reception.

RADIO DISTRIBUTING CO.

Southern California and Arizona Distributors

138 West 17th Street

Tel. WEStmore 4376

*Call WE. 4376 for Address of Your Nearest Silver Radio Dealer
 For a FREE Demonstration in Your Own Home.*

CHANNEL No. 88—Cont.

1420 Kcys., 211.1 Meters

KGKK	15 watts	Sandpoint, Idaho.....	C. E. Twiss
KICK	100 watts	Red Oak, Iowa.....	Red Oak Radio Corp.
KLPM	100 watts	Minot, N. D.....	E. C. Reincke
KORE	100 watts	Eugene, Ore.....	Eugene Broadcast Station
KTAP	100 watts	San Antonio, Tex.....	Alamo Broadcasting Co.
KTUE	CP100 watts	Houston, Tex.....	Uhalt Electric Co.
KXL	100 watts	Portland, Ore.....	KXL Broadcasters Inc.
WEDH	30 watts	Erie, Pa.....	Erie Dispatch Herald Brdcstg. Corp.
WHDL	D10 watts	Tupper Lake, N. Y.....	George Franklin Bissell
WHIS	100 watts	Bluefield, W. Va.....	Daily Telegraph Printing Co.
WIAS	100 watts	Ottumwa, Iowa.....	Poling Electric Co.
WIBR	50 watts	Steubenville, Ohio.....	George W. Robinson
WILM	100 watts	Wilmington, Del.....	Delaware Broadcasting Co., Inc.
WKBP	50 watts	Battle Creek, Mich.....	Enquirer News Co.
WLBF	100 watts	Kansas City, Kans.....	Everett L. Dillard
WLEY	LS250 watts	Lexington, Mass.....	Lexington Air Stations
WMCB	100 watts	Detroit, Mich.....	Michigan Brdcstg., Inc.
WMBH	LS250 watts	Joplin, Mo.....	Edwin Dudley Aber
WMRJ	10 watts	Jamaica, N. Y.....	Peter J. Prinz
WQBZ	60 watts	Weirton, W. Va.....	J. H. Thompson
WTBO	50 watts	Cumberland, Md.....	Cumberland Broadcasting Co.

CHANNEL No. 89

1430 Kcys., 209.7 Meters

KECA	1000 watts	Los Angeles, Calif.....	Earle C. Anthony, Inc.
WBAK	500 watts	Harrisburg, Pa.....	Penna. State Police
WBRL	CP500 watts	Manchester, N. H.....	Booth Radio Laboratories, Inc.
WCAH	500 watts	Columbus, Ohio.....	Commercial Radio Service Co.
WGBC	500 watts	Memphis, Tenn.....	First Baptist Church
WHP	500 watts	Harrisburg, Pa.....	Pennsylvania Broadcasting Co.
WNBR	500 watts	Memphis, Tenn.....	John Ulrich

CHANNEL No. 90

1440 Kcys., 208.2 Meters

KLS	D350 watts	Oakland, Calif.....	Warner Bros.
WCBA	250 watts	Allentown, Pa.....	B. Bryan Musselman
WHEC-WABO	500 w.	Rochester, N. Y.....	Hickson Electric Co., Inc.
WMBD	LS1000 watts	Peoria Hts. Ill.....	Peoria Hgts. Radio Lab.
WNRC	250 watts	Greensboro, N. C.....	Wayne M. Nelson
WOKO	500 watts	Poughkeepsie, N. Y.....	Harold E. Smith
WSAN	250 watts	Allentown, Pa.....	Allentown Call Pub. Co., Inc.
WTAD	500 watts	Quincy, Ill.....	Ill. Stock Medicine Brdcstg. Corp.

CHANNEL No. 91

1450 Kcys., 206.8 Meters

KTBS	500 watts	Shreveport, La.....	S. R. Elliott & A. C. Steere
WBMS	250 watts	Fort Lee, N. J.....	WBMS Brdcstg. Corp.
WCSO	500 watts	Springfield, Ohio.....	Wittenburg College
WFJC	500 watts	Akron, Ohio.....	W. F. Jones Brdcstg., Inc.
WIBS	250 watts	Elizabeth, N. J.....	New Jersey Brdcstg. Corp.
WKBO	250 watts	Jersey City, N. J.....	Camith Corp.
WNJ	250 watts	Newark, N. J.....	Radio Investment Co.
WSAR	250 watts	Fall River, Mass.....	Doughty & Welch Elec. Co., Inc.
WTFI	250 watts	Toccoa, Ga.....	Toccoa Falls Institute

CHANNEL No. 92

1460 Kcys., 205.4 Meters

KSTP	10,000 watts	St. Paul, Minn.....	National Battery Brdcstg. Co.
WJSV	10,000 watts	Mt. Vernon Hills, Va.....	Independent Pub. Co.

CHANNEL No. 93

1470 Kcys., 204.0 Meters

KFJF	5000 watts	Oklahoma City, Okla.....	National Radio Mfg. Co.
KGA	5000 watts	Spokane, Wash.....	Northwest Radio Service Co.
WKBW	5000 watts	Buffalo, N. Y.....	Churchill Evangelistic Assn., Inc.
WRUF	5000 watts	Gainesville, Fla.....	University of Florida

LYNCH

Veritas Noiseless Resistors



2 watt Veritas
All sizes 85 cents

The Lynch Veritas Resistor has solved the "noisy" problem in radio receivers. The element is of metal, baked and ground right into a tube. Accordingly the metal is relatively thick, and soldered securely to the end caps.

THE LYNCH DYNOHMIC AND METALLIZED GRID LEAKS ARE STANDARD. Prices 75c and 50c

For use in B Eliminator circuits, AC Sets, Special Amateur Hook-ups, or small transmitters, the 5 watt Veritas Lynch resistor is used.



5 watt Veritas
All sizes below 1 meg.
\$1.00 each.



Lynch Veritas 10 watt Type \$1.25

LARGER LYNCH TRANSMITTING RESISTORS ARE CARRIED IN STOCK

at Radio Supply Co., 912 S. Broadway, Los Angeles
THE LYNCH LINE OF RESISTORS IS STOCKED BY LEADING DISTRIBUTORS AND DEALERS

Southern California Distributors

Radio Supply Co.
Herbert H. Horn
Coast Electric Co.
Williams and Klentz

C. C. Lawton Co.
Yale Radio Elec. Co.
Sunset Elec. Co.
Long Beach Whlsal. Radio Co.

LYNCH MANUFACTURING COMPANY

General Motors Bldg., New York, N. Y.

Pacific Coast Factory Representative

DON C. WALLACE, Laughlin Bldg., Long Beach, Cal.

CHANNEL No. 94

1480 Kcys., 202.6 Meters

WCKY CP5000 watts
WJAZ 5000 watts
WORD 5000 watts
WSOA 5000 watts

Covington, Ky.....L. B. Wilson
 Chicago, Ill.....Zenith Radio Co.
 Chicago, Ill.....Peoples Pulpit Association
 Forest Park, Ill.....Radiophone Brdcstg. Corp.

CHANNEL No. 95

1490 Kcys., 201.2 Meters

WLAC 5000 watts
WTNT 5000 watts

Nashville, Tenn....Life & Casualty Ins. Co. of Tenn.
 Nashville, Tenn.....Tennessee Pub. Co.

CHANNEL No. 96

1500 Kcys., 199.9 Meters

KDB 100 watts
KGFI 100 watts
KGHX 50 watts
KGKB 100 watts
KPJM 100 watts
KUJ 10 watts
KVEP 15 watts
WEHS 100 watts
WHFC 100 watts
WKBI 50 watts
WKBY LS150 watts
WKBZ 50 watts
WLBX 100 watts
WLOE LS250 watts
WMBA 100 watts
WMBQ 100 watts
WMES 50 watts
WMPC 100 watts
WNBK 50 watts
WOPJ 100 watts
WPEN LS250 watts
WRBJ CP100 watts
WWRL 100 watts

Santa Barbara, Calif.....Santa Barbara Brdcstg. Co.
 Corpus Christi, Tex.....Eagle Brdcstg. Co., Inc.
 Richmond, Texas.....Ft. Bend County School Board
 Brownwood, Texas.....Eagle Publishing Co.
 Prescott, Ariz.....Miller & Klahn
 Long View, Wash.....Columbia Brdcstg. Co., Inc.
 Portland, Ore.....Shaeffer Radio Co.
 Evanston, Ill.....Victor C. Carlson
 Cicero, Ill.....Triangle Broadcasters
 Chicago, Ill.....Fred L. Schoenwolf
 Brookville, Ind.....Knox Battery & Electric Co.
 Luddington, Mich.....K. L. Ashbacher
 Long Island City, N. Y.....John N. Brahy
 Boston, Mass.....Boston Broadcasting Co.
 Newport, R. I.....LeRoy Joseph Beebe
 Brooklyn, N. Y.....Paul J. Gollhofer
 Boston, Mass.....Massachusetts Educational Society
 Lapeer, Mich.....First Methodist Protestant Church
 Binghamton, N. Y.....Howitt-Wood Radio Co., Inc.
 Bristol, Tenn.....Radiophone Service Co.
 Philadelphia, Pa.....Wm. Penn Broadcasting Co.
 Hattiesburg, Miss.....Woodruff Furniture Co.
 Woodside, N. Y.....L. I. Broadcasting Corp.

Buy Your

**R.C.A. RADIOLA
 MAJESTIC
 KOLSTER
 ATWATER KENT**

Where Each Set is Individually Serviced Before
 Installation

See Us First

Electric Lighting Supply Co.

MUtual 2335 216 West Third Street Los Angeles

DEPARTMENT OF COMMERCE
BUREAU OF NAVIGATION
RADIO DIVISION

AIR-LINE DISTANCES

FROM/TO	Albuquerque, N. Mex.	Atlanta, Ga.	Baltimore, Md.	Boise, Idaho	Boston, Mass.	Brownsville, Tex.	Buffalo, N. Y.	Chicago, Ill.	Cincinnati, Ohio	Cleveland, Ohio	Denver, Colo.	Des Moines, Iowa	Detroit, Mich.	El Paso, Tex.	Fargo, N. Dak.	Fort Worth, Tex.	Galveston, Tex.	Hastings, Nebr.	Hot Springs, Ark.	Houghton, Mich.	Jacksonville, Fla.	Kansas City, Mo.	Los Angeles, Calif.		
Albuquerque, N. Mex.	----	1273 1670 774 1947	838 1577 1126 1248 1417	332 833 1360 228 968	1208 738 595 1293 1112	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370	1492 717 643																
Atlanta, Ga.	1273 ----	575 1830 933	960 695 583 368 550	1505 913 398 1750 1143	1239 1245 1154 964 808	561 688 901 498 947	286 675 1935																		
Baltimore, Md.	1670 575 ----	2055 358	1525 273 603 423 305	1505 913 398 1750 1143	1239 1245 1154 964 808	561 688 901 498 947	286 675 1935																		
Boise, Idaho	774 1830 2055 ----	2266	1610 1872 1453 1663 1754	637 1155 1671 969 975	1263 1538 934 1384 1367	2098 1158 663																			
Boston, Mass.	1267 933 358 2266 ----	1081 398 849 737 550	1081 398 849 737 550	1766 1159 613 2067 1304	1574 1598 1415 1302 922	1015 1250 2291																			
Brownsville, Tex.	838 960 1525 1610 1881 ----	1575 1575 273 1872 398	1575 1575 273 1872 398	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Buffalo, N. Y.	1577 695 273 1872 398 ----	1575 1575 273 1872 398	1575 1575 273 1872 398	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Chicago, Ill.	1126 583 603 1453 849 ----	1234 454 ----	249 307	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Cincinnati, Ohio	1248 368 423 1663 737 ----	1184 392 249 ----	218	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Cleveland, Ohio	1417 550 305 1754 550 ----	1402 175 307 218 ----	1223 617 94 1521 838	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Denver, Colo.	332 1208 1505 1505 637 1766 ----	1047 1368 918 1090 1223	1047 1368 918 1090 1223	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Des Moines, Iowa	833 738 913 1155 1159 ----	1102 762 310 509 617	607 ----	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Detroit, Mich.	1368 762 218 1690 923 ----	1102 762 310 509 617	607 ----	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
El Paso, Tex.	1505 913 398 1750 1143 ----	1239 1245 1154 964 808	561 688 901 498 947	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Fargo, N. Dak.	1239 1245 1154 964 808 ----	561 688 901 498 947	286 675 1935	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Fort Worth, Tex.	561 688 901 498 947 ----	286 675 1935	1178 224 1177	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Galveston, Tex.	808 608 1845 1538 1598 ----	289 189 954 874 1116	925 851 1111 723 1218	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Hastings, Nebr.	503 901 1154 934 1415 ----	1013 1019 564 742 871	353 256 800 757 440	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Hot Springs, Ark.	773 498 964 1384 1308 ----	950 956 585 569 787	749 488 761 802 875	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Houghton, Mich.	1252 947 908 1367 922 ----	1543 560 367 589 518	970 458 427 1422 393	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Jacksonville, Fla.	1492 286 683 2098 1025 ----	1025 880 861 628 763	1468 1094 832 1481 1400	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Kansas City, Mo.	717 675 982 1158 1250 ----	923 862 413 541 700	555 180 643 836 542	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Los Angeles, Calif.	663 1935 2313 663 2690 ----	1970 2195 1741 1892 2044	1828 1433 1976 702 1426	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Louisville, Ky.	1174 317 498 1623 823 ----	1093 483 268 92 309	1035 477 315 1253 818	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Memphis, Tenn.	838 335 792 1506 1133 ----	1777 802 481 410 627	878 485 621 978 882	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Miami, Fla.	1710 610 958 2368 1258 ----	1100 1184 1190 957 1080	1732 1338 1156 1662 1721	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Minneapolis, Minn.	980 905 948 1140 1125 ----	1335 733 356 603 632	699 235 542 1156 219	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Missoula, Mont.	895 1790 1947 252 2124 ----	1704 1740 1348 1578 1640	670 1074 1558 1115 819	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Nashville, Tenn.	1117 218 597 1621 941 ----	952 626 394 239 456	1018 523 468 1169 900	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
New Orleans, La.	1030 427 1001 1713 1359 ----	536 1087 831 708 922	1079 825 938 986 1821	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
New York, N. Y.	1810 747 170 2153 188 ----	1695 291 711 568 404	1628 1023 463 1902 1213	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Norfolk, Va.	1696 507 267 2137 467 ----	1465 435 696 474 429	1622 983 528 1755 1258	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Oklahoma, Okla.	518 753 1173 1138 1490 ----	959 1117 689 755 946	503 469 905 578 786	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Omaha, Nebr.	718 815 1026 1044 1280 ----	1061 883 432 620 738	485 122 666 875 390	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Philadelphia, Pa.	1748 663 90 2113 268 ----	1614 278 664 501 343	575 972 444 1834 1186	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Phoenix, Ariz.	330 1592 2002 733 2295 ----	1023 1904 1451 1578 1745	585 1154 1685 347 1285	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Pittsburgh, Pa.	1498 520 194 1863 478 ----	1424 178 411 258 115	1380 718 808 1592 952	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Portland, Me.	2015 1022 446 2262 100 ----	1961 438 892 802 603	1803 1197 457 2126 1313	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Portland, Ore.	1107 2172 2367 349 2553 ----	1944 2167 1765 1987 2063	985 1479 1975 1286 1248	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Richmond, Va.	1628 470 128 2060 471 ----	1428 375 618 399 353	1488 905 445 1695 1180	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
St. Louis, Mo.	938 467 731 1389 1036 ----	1315 662 259 308 490	793 270 452 1033 658	1047 1368 918 1090 1223	1047 1102 1398 658 1445	471 287 1013 650 1543	1025 923 1370																		
Salt Lake City, Utah	483 1580 1858 292 2099 ----	1975 1701 1260 1450 1567	372 952 1490 689 865	1047 1368 918 1090 1223	1047																				



Majestic DX (LONG DISTANCE)



RULES

1. Contest open to any Majestic owner living in Southern California or Arizona.
2. Majestic dealers, their relatives or employees are not eligible to enter station logs for prizes.
3. Letters must state Serial number of Majestic radio owned and name of dealer from whom purchased.
4. Station list show date and time station was heard, record of selections broadcast by station at that time, and be certified by a Notary Public.
5. Prizes will be awarded, not only on a basis of the size of the log but will take into consideration location, interference conditions, time, etc. The longest log from a good location may be of less merit than a shorter one from a more difficult location.
6. Logs entered by contestants early in the contest may be supplemented by subsequent lists later in the "DX" season.

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

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

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



It's Easy to Win!

Every week some enthusiastic Majestic owner in Southern California wins one of the efficient Bouldin Cage Antennas and puts himself in the running for the grand prizes that will be awarded in May, 1930. It's easy to get distance with the new Majestic.

Published here are two logs which won weekly prizes. You can do as well. Read the rules of the contest . . . sit down at your Majestic and log the stations . . . then send in your certified list. Remember to comply with all contest rules.

Can You Get All These Stations? It Can Be Done

Wilmington, Calif.,
October 31, 1929.
Majestic DX Club:
I have a Majestic Radio Model 71, Serial No. 7A-103284, which was purchased Aug. 23, 1928. I am a Majestic booster. So far have had no trouble, only bought two tubes, otherwise have had nothing done to the set. And I have surely put it to a test, and still going strong.

DX conditions haven't been extra good this week. I know I could do better later, but here goes with what I have logged since Friday, Oct. 25th to Oct. 29th, inclusive:
WHAS, KJR, WLW, KOA, KLB, KEX, KSL, KGIQ, KOB, KGA, KDB, WBAP, KHQ, KGW, KDYL, WLS, KFKB, KMMJ, KFNF, WAAW, WNAX, KFEL, KFBE, KQW, WOAL, KTAB, KFBC.

November 17, 1929.
DX Contest, Radio Doings.
Dear Sirs: Ninety-two stations with programs from five foreign countries! This is what the Majestic played for me on the one night of Nov. 16-17, from sunset to sunrise. Here they are:
KTAB, KLZ, KMTR, WSUI, KHQ, WOW, KFSD, KFRC, KFAD, KGW, KFI.

- KMJ, WJR, KPO, KGO, KMOX, KYA, KWKH, WBT, WCCO, WFAA, WGN, WMAQ, KDKA, WLAC, WSB, WOC, KPOF, KRLD, KGW, CKWX, CHLS, XEN, JOHK, JOBK, JOIK, JOAK, JOFK, JOGG.
- WMAQ, KPO, KGO, KMOX, KYA, WGN, WFMJ, KVI, KFAB, WBBM, KELW, KTM, KGO, WBAP, WFAA, KOA, KWKH, WWL, KFQZ, WLS, WENR, KLZ, KFNF, KHJ, WKY, KOMO, KPRC, KFVI, KMA, KGBZ, KFEL, KFNF, KFVB, KJR, KFVD, WHO, KQW, KRLD, KTHS, KNX, KMOX, KSOO, KFSG, KMIC, KSL, KVOO, WOWO, KOB, KEX, WOAL, KGFJ, KMJ, WREN, KYA, KTAT, KFOX, KOIL, KVOA, KDYL, KFJ, KGHF, KGIQ, KGB, KGH, WPG, WOR, WRVA, WTAM, WCCO, WHAS, KDKA, WBT, WSB, WJR, CKWX, XEB, XEN, XEH, CMC, JOHK, 2YA.

High static level after midnight prevented getting a better log of trans-Pacific stations.

Very truly yours,
PAUL LOVE,
Mission Ranch, Phoenix, Ariz.

CONTEST CLOSES MAY 1, 1930

Address all letters submitting logs in this contest to Majestic DX Contest, 407 E. Pico Street, Los Angeles.

UNGAR & WATSON, Inc.

Distributors in Southern California and Arizona
1361 - 63 - 65 South Figueroa Street, Los Angeles

THESE

Majestic Dealers

Can Give IMMEDIATE Delivery and are Service Experts

"It Will Pay You to See Us First"

ANGELUS RADIO SHOP

4208 Santa Monica Blvd. Olympia 7745

Liberal Terms

BIRKEL MUSIC CO.

Home Demonstrations

446 So. Broadway V.A. 1241

CULVER CITY

It is Easier to Buy from Us

Blunt Radio Electric Shop

Come In and Make Us Prove It

6808 Culver Blvd. Phone 2286

Liberal Trade-in Allowance—Terms to Suit

Ormniston Radio Shop

Home Demonstrations Any Evening

4018 W. 10th St. Wyoming 2704



SOUTH WESTERN AVENUE

ROBINSON RADIO SHOP

"Certified Service"—Open Evenings

4523 So. Western Ave. Vermont 6683

IN STATUTE MILES

Supplement to the List of Commercial and Government Radio Stations of the United States

Louisville, Ky.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Memphis, Tenn.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Miami, Fla.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Minneapolis, Minn.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Missoula, Mont.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Nashville, Tenn.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
New Orleans, La.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
New York, N. Y.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Norfolk, Va.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Oklahoma, Okla.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Omaha, Nebr.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Philadelphia, Pa.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Phoenix, Ariz.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Pittsburgh, Pa.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Portland, Me.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Portland, Oreg.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Richmond, Va.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
St. Louis, Mo.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Salt Lake City, Utah	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
San Francisco, Calif.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Schenectady, N. Y.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Seattle, Wash.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Shreveport, La.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Spokane, Wash.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Springfield, Mass.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Terrell, S. Dak.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640
Washington, D.C.	1174	930	895	117	1030	1810	1656	518	718	1748	330	1496	2015	1107	1688	938	483	893	1633	1178	764	1028	1688	917	1640

Every Week in Radio Doings

Use the Coupon on Page 62

Supplement to the List of
Commercial and Government Radio Stations
of the United States

IN STATUTE MILES

1174	938	1710	980	895	1117	1030	1810	1696	518	718	1748	330	1498	2015	1107	1628	938	483	693	1623	1178	764	1028	1889	742	1648
317	335	610	905	1790	218	429	747	507	753	815	663	1592	520	1022	2172	470	467	1580	2133	840	2180	548	1960	863	917	542
498	792	958	948	1947	597	1001	170	167	1173	1026	90	2002	194	446	2367	128	71	1858	2451	278	2341	1064	2110	862	1083	33
1623	1506	2368	1140	252	1631	1713	2153	2137	1138	1044	2113	733	1863	2282	349	2060	1389	292	516	2120	405	1433	290	2196	973	2045
823	1133	1258	1125	2124	941	1350	188	467	1490	1280	268	2295	478	100	2553	471	1036	2099	2696	150	2508	1410	2279	79	1314	892
1093	777	1100	1335	1706	932	536	1695	1465	659	1061	1614	1023	1424	1961	1944	1428	975	1317	1675	1770	2015	510	1653	1805	1161	1493
483	802	1184	733	1740	626	1087	291	435	1117	883	279	1904	178	438	2167	375	662	1701	2298	249	2130	1080	1900	325	916	290
268	481	1190	365	1348	394	831	711	696	689	432	664	1451	411	892	1765	618	259	1260	1855	702	1743	725	1514	676	479	594
92	410	957	603	1578	239	708	568	474	755	620	501	1578	258	802	1987	399	308	1450	2037	605	1974	688	1746	659	694	403
309	627	1098	632	1640	456	922	404	429	946	738	343	1745	115	603	2063	353	490	1567	2162	408	2025	904	1804	474	785	303
1035	878	1732	699	670	1018	1079	1628	1562	503	485	1575	585	1320	1803	985	1468	793	372	946	1618	1020	799	827	1692	468	1490
477	485	1328	235	1074	523	825	1023	903	469	122	972	1154	710	1197	1479	905	270	952	1547	1012	1470	624	1243	1085	187	895
115	621	1156	542	1552	648	938	483	522	905	666	444	1685	208	657	1975	445	452	1430	2087	647	1945	891	1715	540	705	397
1253	978	1668	1156	1115	1169	908	1902	1755	578	875	1834	347	1592	2126	1288	1695	1033	639	933	1930	1373	752	1238	1990	202	1726
818	882	1721	219	819	900	1221	1213	1259	786	390	1186	1225	952	1313	1248	1180	658	865	1447	1157	1206	1002	976	1240	284	1141
751	448	1150	897	1312	643	470	1398	1226	188	590	1324	658	1097	1642	1612	1170	568	997	1454	1445	1658	209	1470	1495	689	1210
807	492	941	1087	1595	666	898	1415	1195	456	820	1335	1065	1140	1678	1085	1154	697	1249	1693	1467	1938	233	1753	1524	938	1214
693	591	1468	399	691	697	870	1275	1216	357	133	2072	501	967	1454	1371	1142	455	708	1997	1287	1288	615	1062	1340	167	1139
480	176	983	722	1385	370	358	1125	955	260	490	1051	1594	825	1371	1733	877	325	1116	1648	1175	1759	142	1552	1244	605	996
636	830	1545	272	1208	750	1187	849	946	926	547	827	1550	630	924	1638	870	551	1242	1833	776	1588	1043	1360	860	510	819
595	591	328	1192	2070	502	511	838	548	988	1093	758	1800	703	1113	2442	953	793	822	1500	1107	1505	326	1286	1173	280	943
480	370	1247	413	1117	472	678	1097	1009	293	165	1037	1045	784	1000	1397	937	238	922	1500	1107	1505	326	1286	1173	280	943
1825	1602	2355	1522	910	1777	1675	2466	2352	1182	1312	2368	357	2135	2031	825	2283	1285	577	345	2445	956	1420	939	2515	1291	2295
---	319	923	605	1550	153	623	605	528	675	579	500	1512	345	892	1933	457	242	1400	1983	695	1945	598	1720	745	663	473
---	---	878	700	1482	195	358	953	778	422	529	878	1264	660	1205	1852	722	242	1250	1800	1101	1867	279	1652	1055	648	763
923	878	---	1516	2259	821	661	1095	802	1833	1402	1283	1998	1014	1357	2716	831	1067	2098	2603	1829	2740	950	2528	1210	1510	897
605	700	1516	---	1010	695	1050	1019	1047	692	221	985	1279	745	1143	1435	968	464	988	1585	975	1403	859	1173	1056	238	936
1390	1483	2359	1010	---	1582	1733	2030	2045	1162	978	1997	342	1754	2133	430	1967	1331	435	762	1978	595	1457	170	2060	887	1940
158	195	821	695	1582	---	470	758	546	602	604	693	1445	472	1015	1970	526	253	1390	1928	820	1973	470	1752	863	704	567
683	358	681	1050	1733	470	---	1173	932	575	865	1090	1329	923	1645	2063	899	599	1433	1953	1250	2098	280	1893	1287	960	968
450	958	1095	1019	2030	758	1173	---	293	1324	1144	83	2142	313	277	2455	297	673	1972	2568	142	2419	1230	2190	120	1189	204
538	778	1067	1047	2045	584	932	293	---	1166	1095	220	2027	316	565	2458	79	771	1925	2510	425	2440	1037	2211	411	1166	143
675	422	1833	692	1162	602	575	1324	1186	---	405	1256	843	1033	1550	1468	1122	456	862	1386	1354	1523	897	1324	1412	502	1150
579	529	1402	291	978	604	845	1144	1095	405	---	1094	1033	837	1310	1373	1020	252	833	1425	1133	1372	617	1149	1205	115	1018
590	876	1023	985	1997	683	1090	83	220	1256	1094	---	2079	254	340	2419	205	808	1923	2518	805	2280	1153	2152	801	1143	122
1513	1246	1998	1779	932	1445	1318	2142	2027	843	1052	2079	---	1829	2345	1007	1960	1270	504	652	2152	1112	1067	1020	2220	1043	1980
345	660	1014	745	1754	472	923	313	316	1013	837	954	1329	---	545	2174	242	561	1670	2264	350	2145	939	1918	400	891	188
892	1305	1357	1145	2133	1015	1445	277	565	1550	1318	360	2345	545	---	2563	565	1074	2127	2725	197	2513	1484	2285	159	1345	480
1953	1852	2716	1435	430	1970	2063	2455	2458	1483	1373	2419	1007	2174	2563	---	2381	1723	636	535	2405	143	1783	295	2489	1293	2360
457	722	871	968	1967	526	899	287	79	1122	1020	205	1360	742	555	2381	---	692	1850	2434	464	2363	965	2133	407	1039	96
842	842	1067	464	1331	253	599	873	771	456	352	668	1270	561	1094	1723	699	---	1158	1738	898	1722	466	1500	958	450	710
1400	1250	2098	988	435	1390	1433	1972	1925	862	803	1923	504	1670	2127	655	1850	1158	---	592	1950	697	1155	548	2027	785	1845
1983	1800	2603	1585	762	1958	1923	2568	2510	1386	1425	2518	652	2264	2725	536	2436	1736	592	---	2548	630	1655	790	2625	1383	2437
695	1010	1229	975	1678	820	1859	142	426	1354	1133	205	2152	350	157	2405	406	898	1950	6240	---	2363	1290	2139	86	1165	313
1845	1867	2740	1403	395	1973	2098	2419	2440	1523	1372	2088	1112	2145	2513	143	2362	1722	697	800	2363	---	1820	229	2445	1282	2335
598	797	950	859	1457	470	880	1430	1037	297	617	1153	1057	939	1484	1783	985	466	1255	1655	1290	1829	---	1621	1333	726	1035
1740	1653	2528	1173	170	1752	1898	2190	2211	1324	1149	2259	1020	1918	2285	295	2133	1500	548	720	2139	229	1621	---	2216	1055	2105
945	1055	1210	1056	2060	863	1289	120	411	1414	1205	901	2220	400	159	2488	407	958	2027	2625	86	2445	1333	2216	---	1216	3205
663	642	1510	338	887	704	960	1189	1166	502	115	1143	1043	891	1345	1293	1089	450	785	1383	1165	1882	726	1055	1242	---	1073
473	763	927	936	1940	567	968	304	145	1150	1012	122	1980	188	430	2360	96	710	1845	2487	313	2335	1035	2105	321	1073	---

Every Week in Radio Doings
Use the Coupon on Page 62





It's

Every week some enthusiast in Southern California wins a Bouldin Cage Antennas and is running for the grand prize awarded in May, 1930. It's done with the new Majestic.

Can You Get

Wilmar, Calif.,
October 31, 1929.

Majestic DX Club:

I have a Majestic Radio Model 7 Serial No. 7A-103284, which was purchased Aug. 23, 1928. I am a Majestic booster. So far have had no trouble only bought two tubes, otherwise had nothing done to the set. And have surely put it to a test, and set going strong.

DX conditions haven't been extra good this week. I know I could do better later, but here goes with what I have logged since Friday, Oct. 25th to Oct. 29th, inclusive:

- WHAS, KJR, WLW, KOA, KLX, KEKSL, KGIQ, KOB, KGA, KDB, WBAKHQ, KGW, KDYL, WLS, KFKKMMJ, KFNF, WAAW, WNAX, KFFBFBK, KQW, WOAI, KTAB, KFI

RULES

1. Contest open to any Majestic owner living in Southern California or Arizona.
2. Majestic dealers, their relatives or employees are not eligible to enter station logs for prizes.
3. Letters must state Serial number of Majestic radio owned and name of dealer from whom purchased.
4. Station list must show date and time station was heard, record of selections broadcast by station at that time, and be certified by a Notary Public.
5. Prizes will be awarded, not only on a basis of the size of the log but will take into consideration location, interference conditions, time, etc. The longest log from a good location may be of less merit than a shorter one from a more difficult location.
6. Logs entered by contestants early in the contest may be supplemented by subsequent lists later in the "DX" season.

JUDGES:

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

PRIZES:

WEEKLY PRIZE Bouldin Cage Antenna Value \$15

GRAND PRIZES

To be Awarded at End of Contest

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

Address all letters to test Judges,

Distributors in Southern Calif



DX Contest

CINCINNATI PITTSBURG PHILADELPHIA SCHENECTADY NEW YORK

LONG DISTANCE

Easy to Win!

Majestic owner
one of the efficient
puts himself in the
izes that will be
easy to get distance

Published here are two logs which won weekly prizes. You can do as well. Read the rules of the contest . . . sit down at your Majestic and log the stations . . . then send in your certified list. Remember to comply with all contest rules.

All These Stations? It Can Be Done

KMJ, WJR, KPO, KGO, KMOX, KYA, KWKH, WBT, WCCO, WFAA, WGN, WMAQ, KDKA, WLAC, WSB, WOC, KPOF, KRDL, KGW, CKWX, CHLS, XEN, JOHK, JOBK, JOIK, JOAK, JOFK, JOGK.

More power to Majestic DX contest and Radio Doings.

Yours very truly,

D. M. BOOZER,
312 W. Fern Ave., Wilmar, Cal.

November 17, 1929.

DX Contest, Radio Doings.

Dear Sirs: Ninety-two stations with programs from five foreign countries! This is what the Majestic played for me on the one night of Nov. 16-17, from sunset to sunrise. Here they are:

KTAB, KLZ, KMTR, WSUI, KHQ, WOW, KFSD, KFRC, KFAD, KGW, KFI,

WSM, WMAQ, KPO, WLW, KEJK, WGN, KMMJ, KVI, KFAB, WBBM, KELW, KTM, KGO, WBAP, WFAA, KOA, KWKH, WWL, KFQZ, WLS, WENR, KLZ, KFNF, KHJ, WKY, KOMO, KPRC, KFVI, KMA, KGBZ, KFEL, KFXX, KFWD, KJR, KFVD, WHO, KQW, KRDL, KTHS, KNX, KMOX, KSOO, KFSG, KMIC, KSL, KVOO, WOWO, KOB, KEX, WOAI, KGFJ, KMJ, WREN, KYA, KTAT, KFOX, KOIL, KVOA, KDYL, KFXX, KGHF, KGIQ, KGB, KGIR, WPG, WOR, WRVA, WTAM, WCCO, WHAS, KDKA, WBT, WSB, WJR, CKWX, XEB, XEN, XEH, CMC, JOHK, 2YA.

High static level after midnight prevented getting a better log of trans-Pacific stations.

Very truly yours,

PAUL LOVE,
Mission Ranch, Phoenix, Ariz.

CONTEST CLOSES MAY 1, 1930

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

INGAR & WATSON, Inc.

California and Arizona

1361-63-65 South Figueroa Street, Los Angeles

THESE

Majestic Dealers

Can Give IMMEDIATE Delivery and are Service Experts

"It Will Pay You to See Us First"

ANGELUS RADIO SHOP

4208 Santa Monica Blvd.

OLympia 7745

Liberal Terms

BIRKEL MUSIC CO.

Home Demonstrations

446 So. Broadway VA. 1241

CULVER CITY

It is Easier to Buy from Us

Blunt Radio Electric Shop

Come In and Make Us Prove It

6808 Culver Blvd. Phone 2286

Liberal Trade-in Allowance—Terms to Suit

Ormiston Radio Shop

Home Demonstrations Any Evening

4018 W. 10th St.

WYoming 2704



SOUTH WESTERN AVENUE

ROBINSON RADIO SHOP

"Certified Service"—Open Evenings

4523 So. Western Ave.

VERmont 6683

Alphabetical Call List

TIME AND POWER LIMITATIONS

D.—Daytime.
 LS.—Power until local sunset.
 LT.—Limited Time.
 LP.—Limited Power.
 CP.—Construction Permit authorized.
 S.—Where studio location differs from transmitter, same follows transmitter location.

Call	Location		Freq.	Meters	Power	Log
KCRC	Enid, Okla.	LS	1370	218.8	250	
KDB	Santa Barbara, Cal.		1500	199.9	100	
KDFN (CP)	Casper, Wyoming		1210	247.8	100	
KDKA	Saxonburg, Pa.; S—Pittsburgh		980	305.9	50000	
KDLR	Devils Lake, N. D.		1210	247.8	100	
KDYL	Salt Lake City, Utah		1290	232.4	1000	
KECA	Los Angeles, Calif.	LT	1430	209.7	1000	
KEJK	Beverly Hills, Calif.	LT	710	422.3	500	
KELW	Burbank, Cal.		780	384.4	500	
KEX	Portland, Oregon		1180	254.1	5000	
KFAB	Lincoln, Nebr.		770	389.4	5000	
KFAD	Phoenix, Ariz.		620	483.6	1000	
KFBB	Great Falls, Mont.		1360	220.4	500	
KFBK	Sacramento, Calif.		1310	228.9	100	
KFBL	Everett, Wash.		1370	218.8	50	
KFDM	Beaumont, Texas	LS	550	545.4	1000	
KFDY	Brookings, S. D.	LS	550	545.1	1000	
KFEL	Denver, Colo.		630	475.9	250	
KFEQ	St. Joseph, Mo.	D	680	440.9	2500	
KFGQ	Boone, Iowa		1310	228.9	100	
KFH (CP)	Wichita, Kans.		1300	230.6	1000	
KFHA	Gunnison, Colo.		1200	249.9	100	
KFI	Los Angeles, Cal.		640	468.5	5000	
KFIF	Portland, Oregon		1420	211.1	100	
KFIO	Spokane, Wash.	D	1230	243.8	100	
KFIZ	Fond du Lac, Wis.		1420	211.1	100	
KFJB	Marshalltown, Iowa		1200	249.9	100	
KFJF	Oklahoma City, Okla.		1470	204.0	5000	
KFJI	Astoria, Oregon		1370	218.8	100	
KFJM	Grand Forks, N. D.		1370	218.8	100	
KFJR	Portland, Oregon		1300	230.6	500	
KFJY	Fort Dodge, Iowa		1310	228.9	100	
KFJZ	Fort Worth, Texas		1370	218.8	100	
KFKA	Greeley, Colo.	LS	880	340.7	1000	
KFKB	Milford, Kans.	LT	1050	285.5	5000	
KFKU	Lawrence, Kans.		1220	245.8	1000	
KFKX-KYW	(See KYW-KFKX)					
KFLV	Rockford, Ill.		1410	212.6	500	
KFLX	Galveston, Texas		1370	218.8	100	
KFMX	Northfield, Minn.		1250	239.9	1000	
KFNF	Shenandoah, Iowa	LS	890	336.9	1000	
KFOR	Lincoln, Nebr.	LS	1210	247.8	100	
KFOX	Long Beach, Cal.		1250	234.9	1000	
KFPL	Dublin, Texas		1310	228.9	15	
KFPM	Greenville, Texas		1310	228.9	15	
KFPW	Siloam Springs, Ark.	D	1340	223.7	50	
KFPY	Spokane, Wash.		1340	223.7	500	
KFQA-KMOX	(See KMOX-KFQA)					
KFQD	Anchorage, Alaska		1230	243.8	100	

It Is Easy to Own A Modern Radio

*Select the Radio of Your Desire
from Our Stock of*

**Sparton
Philco
Atwater Kent
Rola**

We will demonstrate it in your home and
arrange the payments to suit your income

*Remember! Your Old Furniture can be
used in the purchase of New or on a Radio
—Why not use it.*

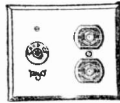
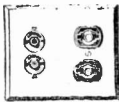
Birch-Smith Furniture Co.

737 South Hill St. (Near 8th)

Phone TRinity 4121

Alphabetical Call List (Continued)

Call	Location		Freq.	Meters	Power	Log
KFQU	Holy City, Cal.		1420	211.1	100	
KFQW	Seattle, Wash.		1420	211.1	100	
KFQZ	Hollywood, Cal.; S—L. A.	LT	860	348.6	250	
KFRG	San Francisco, Cal.		610	491.5	1000	
KFRU	Columbia, Mo.		630	475.9	500	
KFSD	San Diego, Cal.	LS	600	499.7	1000	
KFSG	Los Angeles, Cal.		1120	267.7	500	
KFUL	Galveston, Texas		1290	232.4	1000	
KFUM	Colorado Springs, Colo.		1270	236.1	1000	
KFUO	Clayton, Mo.	LS	550	545.1	1000	
KFUP	Denver, Colo.		1310	228.9	100	
KFVD	Culver City, Calif.	LT	1000	299.8	250	
KFVS	Cape Girardeau, Mo.		1210	247.8	100	
KFWB	Hollywood, Calif.		950	315.6	1000	
KFWF	St. Louis, Mo.		1200	249.9	100	
KFWI	San Francisco, Calif.		930	322.4	500	
KFWM	Oakland, Calif.	LS	930	322.4	500	
KFXD	Jerome, Idaho		1420	211.1	50	
KFXF	Denver, Colo.		630	475.9	250	
KFXJ	Edgewater, Colo.		1310	228.9	50	
KFXM	San Bernardino, Calif.		1210	247.8	100	
KFXR	Oklahoma City, Okla.		1310	228.9	250	
KFXY	Flagstaff, Ariz.		1420	211.1	100	
KFYO	Abilene, Texas	LS	1420	211.1	250	
KFYR	Bismarck, N. D.		550	545.1	500	
KGA	Spokane, Wash.		1470	204.0	5000	
KGAR	Tucson, Ariz.		1370	218.8	100	
KGB	San Diego, Calif.		1330	225.4	250	
KGBU	Ketchikan, Alaska		900	333.1	500	
KGBX	St. Joseph, Mo.		1370	218.8	100	
KGBZ	York, Nebr.	LS	930	322.4	1000	
KGCA	Decorah, Iowa	D	1270	236.1	50	
KGCI	San Antonio, Texas		1370	218.8	100	
KGCR	Watertown, S. D.		1210	247.8	100	
KGCU	Mandan, N. D.		1200	249.9	100	
KGCX	Wolf Point, Mont.	LS	1310	228.9	100	
KGDA	Dell Rapids, S. D.		1370	218.8	50	
KGDE	Fergus Falls, Minn.		1200	249.9	50	
KGDM	Stockton, Calif.	D	1100	272.6	50	
KGDY	Oldham, S. D.		1200	249.9	15	
KGEF	Los Angeles, Calif.		1300	230.6	1000	
KGEK	Yuma, Colo.		1200	249.9	50	
KGER	Long Beach, Calif.		1360	220.4	250	
KGEW	Fort Morgan, Colo.		1200	249.9	100	
KGEZ	Kalispell, Mont.		1310	228.9	100	
KGFF	Alva, Okla.		1420	211.1	100	
KGFG	Oklahoma City, Okla.		1370	218.8	100	
KGFI	Corpus Christi, Texas		1500	199.9	100	
KGFJ	Los Angeles, Calif.		1200	249.9	100	
KGFK	Hallock, Minn.		1200	249.9	50	
KGFL	Raton, N. Mex.		1370	218.8	50	
KGFW	Ravenna, Nebr.		1310	228.9	50	
KGFX	Pierre, S. D.	D	580	516.9	200	
KGGC	San Francisco, Calif.		1420	211.1	50	
KGGF	Picher, Okla.		1010	296.9	500	
KGGM	Albuquerque, N. Mex.	LS	1230	243.8	500	
KGHF	Pueblo, Colo.		1320	227.1	250	
KGHI	Little Rock, Ark.		1200	249.9	100	
KGHL	Billings, Mont.		950	315.6	500	



YAXLEY

APPROVED RADIO PRODUCTS



Radio Convenience Outlets

A handsome wall plate in brass or rich brown bakelite; no unsightly wires along the baseboard, no marring of woodwork—that is the beauty and utility of the Yaxley Radio Convenience Outlet for Aerial and Ground Connections.

Enjoy radio reception in any room—upstairs or down, in the small home or large hotel, hospital or other building. That is the pleasure brought to you with the Yaxley Radio Convenience Outlet for speaker connections.

There are gang combinations to meet every requirement. The plates are neat in appearance and mount flush. The plates and fittings harmonize. May be had in either a brush brass finish or rich bakelite. They are electrically and mechanically correct, and fit any standard switch box.

*Yaxley Radio Convenience Outlets Are Both Practical
and Artistic*

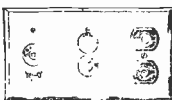
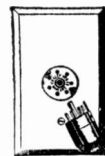
Factory Representatives



Henger-Seltzer Co.

711 EAST 14TH ST.
LOS ANGELES

1063 HOWARD ST.
SAN FRANCISCO

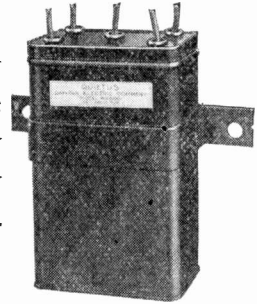


Alphabetical Call List (Continued)

Call	Location	Freq.	Meters	Power	Log
KGHX	Richmond, Texas	1500	199.9	50	
KGIQ	Twin Falls, Idaho	1320	227.1	250	
KGIR	Butte, Mont.	1360	220.4	250	
KGIW	Trinidad, Colo.	1420	211.1	100	
KGIX (CP)	Las Vegas, Nev.	1420	211.1	100	
KGJF	Little Rock, Ark.	890	336.9	250	
KGKB	Brownwood, Texas	1500	199.9	100	
KGKL	San Angelo, Texas	1370	218.8	100	
KGKO	Wichita Falls, Texas	LS 570	526.0	500	
KGKX	Sandpoint, Idaho	1420	211.1	15	
KGO	Oakland, Calif.	790	379.5	7500	
KGRC	San Antonio, Texas	1370	218.8	100	
KGRS	Amarillo, Texas	1410	212.6	1000	
KGU	Honolulu, Hawaii	940	319.0	500	
KGW	Portland, Oregon	620	483.6	1000	
KGY	Lacey, Wash.	LS 1200	249.9	50	
KHJ	Los Angeles, Calif.	900	333.1	1000	
KHQ	Spokane, Wash.	590	508.2	2000	
KICK	Red Oak, Iowa	1420	211.1	100	
KID	Idaho Falls, Idaho	1320	227.1	250	
KIDO	Boise, Idaho	1250	239.9	1000	
KIT	Yakima, Wash.	1370	218.8	50	
KJBS	San Francisco, Calif.	D 1070	280.2	100	
KJR	Seattle, Wash.	LT 760	394.5	5000	
KLCN	Blytheville, Ark.	D 1290	232.4	50	
KLO	Ogden, Utah	LS 1370	218.8	200	
KLPM	Minot, N. D.	1420	211.1	100	
KLRA	Little Rock, Ark.	1390	215.7	1000	
KLS	Oakland, Calif.	D 1440	208.2	250	
KLX	Oakland, Calif.	880	340.7	500	
KLZ	Denver, Colo.	560	535.4	1000	
KMA	Shenandoah, Iowa	LS 930	322.4	1000	
KMBC	Kansas City, Mo.	950	315.6	1000	
KMED	Medford, Oregon	1310	228.9	50	
KMIC	Inglewood, Calif.	1120	267.7	500	
KMJ	Fresno, Calif.	1210	247.8	100	
KMMJ	Clay Center, Nebr.	LT 740	405.2	1000	
KMO	Tacoma, Wash.	1340	223.7	500	
KMOX-KFQA	Kirkwood, Mo.; S—St. Louis	1090	275.1	50000	
KMTR	Hollywood, Calif.	570	526.0	500	
KNX	Sherman Oaks, S—Hollywood, Cal.	1050	285.5	5000	
KOA	Denver, Colo.	830	361.2	12500	
KOAO	Corvallis, Oregon	550	545.1	1000	
KOB	State College, N. M.	1180	254.1	20000	
KOCW	Chickasha, Okla.	LS 1400	214.2	500	
KOH	Reno, Nev.	1370	218.8	100	
KOIL	Council Bluffs, Iowa	LS 1260	238.0	2500	
KOIN	Portland, Oregon	940	319.0	1000	
KOL	Seattle, Wash.	1270	236.1	1000	
KOMO	Seattle, Wash.	970	325.9	1500	
KOOS	Marshfield, Oregon	1370	218.8	50	
KORE	Eugene, Oregon	1420	211.1	100	
KOY	Phoenix, Ariz.	1390	215.7	500	
KPCB	Seattle, Wash.	1210	247.8	50	
KPJM	Prescott, Ariz.	1500	199.9	100	
KPO	San Francisco, Calif.	680	440.9	5000	
KPOF	Denver, Colo.	880	340.7	500	
KPPC	Pasadena, Calif.	1210	247.8	50	
KPQ	Seattle, Wash.	1210	247.8	100	

General Motors QUIETUS

The sensitivity of the present day receiver is so great that along with the wonderful DX reception, comes plenty of noise. This noise can be greatly reduced with the General Motors Day-Fan QUIETUS.



**Type 6001, Quietus
Price \$10.00**

1. General Motors QUIETUS may be applied at the radio set by connecting between the wall socket and the set.
2. General Motors QUIETUS may be connected in the alternating current supply at the service switch near the electric meter.
3. General Motors QUIETUS may be connected at the source of the interference (motors, vibrators, etc.).

**DISTRIBUTED ON THE PACIFIC COAST BY LEADING
DISTRIBUTORS AND DEALERS**

Distributed in Southern California by

Radio Supply Co.

John G. Rapp Corp.

Williams and Klentz

C. C. Lawton Co.

Long Beach Whsle. Radio Co.

Sunset Electric Co.

Electric Supplies Dist. Co.

Write for Booklet Fully Describing Circuits and Uses

General Motors Radio Corporation

DAYTON

OHIO

Alphabetical Call List (Continued)

Call	Location	Freq.	Meters	Power	Log
KPRC	Houston, Texas	LS 920	325.9	2500	
KPSN	Pasadena, Calif.	1360	220.4	1000	
KQV	Pittsburgh, Pa.	1380	217.3	500	
KQW	San Jose, Calif.	1010	296.9	500	
KRE	Berkeley, Calif.	1370	218.8	100	
KREG	Santa Ana, Calif.	1500	199.9	100	
KRGV	Harlingen, Texas	1260	238.0	500	
KRLD	Dallas, Texas	• 1040	288.3	10000	
KRMD	Shreveport, La.	1310	228.9	50	
KRSC	Seattle, Wash.	D 1120	267.7	50	
KSAC	Manhattan, Kans.	LS 580	516.9	1000	
KSAT	Fort Worth, Texas	1240	241.8	1000	
KSCJ	Sioux City, Iowa	1330	225.4	1000	
KSD	St. Louis, Mo.	550	545.1	500	
KSEI	Pocatello, Idaho	900	333.1	250	
KSL	Salt Lake City, Utah	1130	265.3	5000	
KSMR	Santa Maria, Calif.	1200	249.9	100	
KSO	Clarinda, Iowa	1380	217.3	500	
KSOO	Sioux Falls, S. D.	LT 1110	270.1	2000	
KSTP	Westcott, Minn.; S—St. Paul	1460	205.4	10000	
KTAB	Oakland, Calif.	560	535.4	1000	
KTAP	San Antonio, Texas	1420	211.1	100	
KTBI	Los Angeles, Calif.	1300	230.6	750	
KTBR	Portland, Oregon	1300	230.6	500	
KTBS	Shreveport, La.	1450	206.8	500	
KTHS	Hot Springs Nat'l Park, Ark.	1040	288.3	10000	
KTM	Santa Monica, Calif.; S—L. A.	780	384.8	1000	
KTNT	Muscatine, Iowa	LT 1170	256.3	5000	
KTSA	San Antonio, Texas	LS 1290	232.4	2000	
KTSL	Cedar Grove, La.; S—Shreveport	1310	228.9	100	
KTSM (CP)	El Paso, Texas	1310	228.9	100	
KTUE (CP)	Houston, Texas	1420	211.1	100	
KTW	Seattle, Wash.	1270	236.1	1000	
KUJ	Longview, Wash.	1500	199.9	10	
KUOA	Fayetteville, Ark.	1390	215.7	1000	
KUOM	Missoula, Mont.	570	526.0	500	
KUSD	Vermillion, S. D.	LS 890	336.9	750	
KUT	Austin, Texas	1120	267.7	500	
KVEP	Portland, Ore.	1500	199.9	15	
KVI	Tacoma, Wash.	LT 920	325.9	1000	
KVL	Seattle, Wash.	1370	218.8	100	
KVOA	Tucson, Ariz.	D 1260	238.0	500	
KVOO	Tulsa, Okla.	1140	263.0	5000	
KVOS	Bellingham, Wash.	1200	249.9	100	
KWCR	Cedar Rapids, Iowa	1310	228.9	100	
KWEA	Shreveport, La.	1210	247.8	100	
KWFG	Stockton, Calif.	1200	249.9	100	
KWJJ	Portland, Oregon	LT 1060	282.8	500	
KWK	St. Louis, Mo.	1350	222.1	1000	
KWKC	Kansas City, Mo.	1370	218.8	100	
KWKH	Kennonwood, La.	850	352.7	10000	
KWLC	Decorah, Iowa	D 1270	236.1	100	
KWSC	Pullman, Wash.	1390	215.7	500	
KWWG	Brownville, Texas	1260	238.0	500	
KXA	Seattle, Wash.	570	526.0	500	
KXL	Portland, Oregon	1420	211.1	100	
KXO	El Centro, Calif.	1200	249.9	100	
KXRO	Aberdeen, Wash.	1310	228.9	75	
KYW-KFKX	Bloomington, Ill.	1020	293.9	5000	

ERLA

The Quality Radio Receiver

*For the People Who Desire the Best That
Radio Has to Offer*

Check (✓) the 10 outstanding qualifications of this remarkable radio and you will want to own one.

- | | |
|---|--|
| 1—3 Screen grid tubes. | <i>perfect distance reception.</i> |
| 2—Full tone dynamic speaker. | 6—Hairline selectivity. |
| 3—Exclusive cabinet designs. | 7—One stage of resistance coupled audio for pure tone. |
| 4—Rigid steel chassis construction. | 8—Two type 245 power tubes in push pull for great power. |
| 5—DX switch to bring into play the extra screen grid tube for | 9—Absolutely humless. |
| | 10—Exact voltage control |

CALL US FOR ALL PARTICULARS

Southern California and Arizona Distributor

CAL-RAD COMPANY

1319 Maple WEstmore 8101 Los Angeles, Cal.

Alphabetical Call List (Continued)

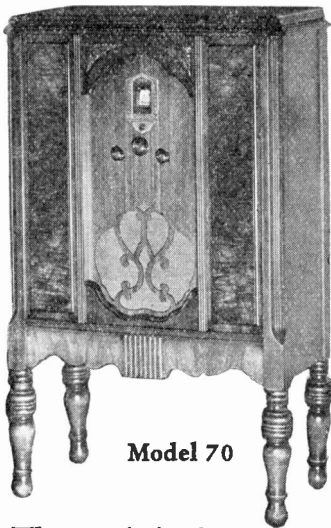
Call	Location	Freq.	Meters	Power	Log
KYWA	Chicago, Ill.	1020	293.9	500	
WAAF	Chicago, Ill.	D 920	325.9	500	
WAAM	Newark, N. J.	LS 1250	239.9	1000	
WAAT	Jersey City, N. J.	1070	280.2	300	
WAAW	Omaha, Nebr.	D 660	454.3	500	
WABC-WBOQ	New York City	860	348.6	5000	
WABI	Bangor, Maine	1200	249.9	100	
WABO-WHEC	(See WHEC-WABO)				
WABZ	New Orleans, La.	1200	249.9	100	
WADC	Akron, Ohio	1320	227.1	1000	
WAGM	Royal Oak, Mich.	1310	228.9	50	
WAJU	Columbus, Ohio	LT 640	468.5	500	
WAPI	Birmingham, Ala.	1140	263.0	5000	
WASH	Grand Rapids, Mich.	1270	236.1	500	
WBAA (CP)	W. Lafayette, Ind.	1400	214.2	500	
WBAK	Harrisburg, Pa.	1430	209.7	500	
WBAL	Glen Morris, Md.	1060	282.8	10000	
WBAP	Fort Worth, Texas	LP 800	374.8	50000	
WBAX	Bear Creek Township, Pa.	1210	247.8	100	
WBBC	Brooklyn, N. Y.	1400	214.2	500	
WBBL	Richmond, Va.	1370	218.8	100	
WBBM-WJBT	Glenview, Ill.; S—Chicago, Ill.	770	389.4	10000	
WBBR	Rossville, N. Y.	1300	230.6	1000	
WBBY	Charleston, S. C.	1200	249.9	75	
WBBZ	Ponca City, Okla.	1200	249.9	100	
WBCM	Bay City, Mich.	1410	212.6	500	
WBIS-WNAC	(See WNAC-WBIS)				
WBMS	Fort Lee, N. J.	1450	206.8	250	
WBNY	New York, N. Y.	1350	221.1	250	
WBOQ-WABC	(See WABC-WBOQ)				
WBOV	Terre Haute, Ind.	1310	228.9	100	
WBRC	Birmingham, Ala.	LS 930	322.4	1000	
WBRE	Wilkes-Barre, Pa.	1310	228.9	100	
WBRL	Tilton, N. H.	1430	209.7	500	
WBSO	Babson Park, Mass.	D 920	325.9	250	
WBT	Charlotte, N. C.	1080	227.6	5000	
WBZ	Springfield, Mass.	990	302.8	15000	
WBZA	Boston, Mass.	990	302.8	500	
WCAC	Storrs, Conn.	600	499.7	250	
WCAD	Canton, N. Y.	D 1220	245.8	500	
WCAE	Pittsburgh, Pa.	1220	245.8	500	
WCAH	Columbus, Ohio	1430	209.7	500	
WCAJ	Lincoln, Nebr.	590	508.2	500	
WCAL	Northfield, Minn.	1250	239.0	1000	
WCAM	Camden, N. J.	1280	234.2	500	
WCAO	Baltimore, Md.	600	499.7	250	
WCAP	Asbury Park, N. J.	1280	234.2	500	
WCAT	Rapid City, S. D.	1200	249.9	100	
WCAU	Byberry, Pa.; S—Philadelphia	1170	256.3	10000	
WCAX	Burlington, Vt.	1200	249.9	100	
WCAZ	Carthage, Ill.	D 1070	230.2	50	
WCBA	Allentown, Pa.	1440	208.2	250	
WCBD	Zion, Ill.	LT 1080	277.6	5000	
WCBM	Baltimore, Md.	1370	218.8	100	
WCBS	Springfield, Ill.	1210	247.8	100	
WCCO	Anoka, Minn.; S—Minneapolis	810	370.2	7500	
WCDA	Cliffside Pk., N. J.; S—N. Y. City	1350	222.1	250	
WCFL	Chicago, Ill.	LT 970	309.1	1500	
WCGU (CP)	Coney Island, N. Y.	1400	214.2	500	

Steinite

SUPER SCREEN-GRID RADIO

Steinite's New Set and

Steinite's
Amazing
Price



Model 70

\$125
Less Tubes

1. Three (3) Screen-Grid Tubes—a total of seven tubes.
2. Four condensers.
3. Linear power detection with automatic grid bias.
4. Push-pull audio power-stage using the newest "245" tubes.
5. Real humless reception.
6. "Battleship" chassis construction, completely shielded.
7. Electro-Dynamic speaker.
8. Glorious tone.
9. Magnificent consoles.

Exclusive Southern California Distributors

Collins-Kelvinator Corp.

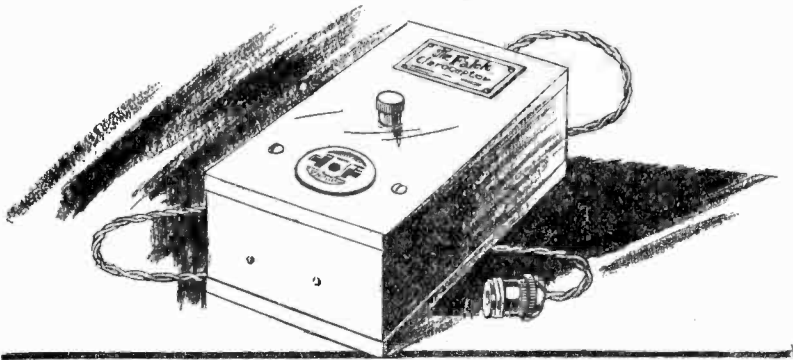
1414 W 7th St.

DUnkirk 3115

Los Angeles

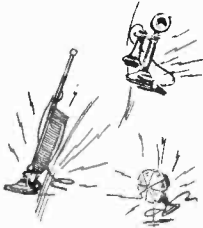
Alphabetical Call List (Continued)

Call	Location	Freq.	Meters	Power	Log
WKCY	Harrison, O.; S—Covington, Ky.	1480	202.6	5000	
WCLO	Kenosha, Wis.	1200	249.9	100	
WCLS	Joliet, Ill.	1310	228.9	100	
WCMA	Culver, Ind.	1400	214.2	500	
WCOA	Pensacola, Fla.	1120	267.7	500	
WCOC	Meridian, Miss.	LS 880	340.7	1000	
WCOD	Harrisburg, Pa.	1200	249.9	100	
WCOH	Greenville, N. Y.; S—Yonkers, N.Y.	1210	247.8	100	
WCRW	Chicago, Ill.	1210	247.8	100	
WCSH	Portland, Maine	940	319.0	500	
WCSS	Springfield, Ohio	1450	206.8	500	
WDAE	Tampa, Fla.	620	483.6	1000	
WDAF	Kansas City, Mo.	610	491.5	1000	
WDAG	Amarillo, Texas	1410	212.6	250	
WDAH	El Paso, Texas	1310	228.9	100	
WDAY	Fargo, N. D.	1280	234.2	1000	
WDBJ	Roanoke, Va.	LS 930	322.4	500	
WDBO	Orlando, Fla.	620	483.6	1000	
WDEL	Wilmington, Del.	LS 1120	267.7	250	
WDGY	Minneapolis, Minn.	LT 1180	254.1	1000	
WDOD	Chattanooga, Tenn.	LS 1280	234.2	2500	
WDRG	New Haven, Conn.	1330	225.4	500	
WDSU	New Orleans, La.	1250	239.0	1000	
WDWF-WLSI	Cranston, R.I.; S—Providence, R.I.	1210	247.8	100	
WDZ	Tuscola, Ill.	D 1070	280.2	100	
WEAF	Bellmore, N.Y.; S—N.Y. City	LP 660	454.3	50000	
WEAI	Ithaca, N. Y.	D 1270	236.1	500	
WEAN	Providence, R. I.	LS 780	384.4	250	
WEAO	Columbus, Ohio	570	526.0	750	
WEAR	Cleveland, Ohio	1070	280.7	1000	
WEBC	Superior, Wis.; S—Duluth, Minn.	1290	232.4	1000	
WEBE	Cambridge, Ohio	1210	247.8	100	
WEBQ	Harrisburg, Ill.	1210	247.8	100	
WEBR	Buffalo, N. Y.	LS 1310	228.9	200	
WEBW	Beloit, Wis.	D 560	535.4	500	
WEDC	Chicago, Ill.	1210	247.8	100	
WEDH	Erie, Pa.	1420	211.1	30	
WEEI	Weymouth, Mass.	590	508.2	1000	
WEHC	Emory, Va.	1370	218.8	100	
WEHS	Evanston, Ill.	1500	199.9	100	
WELK	Philadelphia, Pa.	1370	218.8	100	
WEMC	Berrien Springs, Mich.	D 590	508.2	1000	
WENR-WBCN	Chicago, Ill.	LP 870	344.6	50000	
WEVD	Forest Hills, N. Y.; S—N. Y. City	1300	230.6	500	
WEW	St. Louis, Mo.	D 760	394.5	1000	
WFAA	Dallas, Texas	CP 800	374.8	50000	
WFAN	Philadelphia, Pa.	610	491.5	500	
WFBC	Knoxville, Tenn.	1200	249.9	50	
WFBG	Altoona, Pa.	1310	228.9	100	
WFBJ	Collegeville, Minn.	1370	217.8	100	
WFBL	Syracuse, N. Y.	900	333.1	750	
WFBM	Indianapolis, Ind.	1230	243.8	1000	
WFBT	Baltimore, Md.	1270	236.1	250	
WFDF	Flint, Mich.	1310	228.9	100	
WFI	Philadelphia, Pa.	560	535.4	500	
WFIW	Hopkinsville, Ky.	940	468.5	1000	
WFJC	Akron, Ohio	1450	206.8	500	
WFKD	Philadelphia, Pa.	1310	228.9	50	
WFLA-WSUN	Clearwater, Fla.	LS 620	483.0	2500	

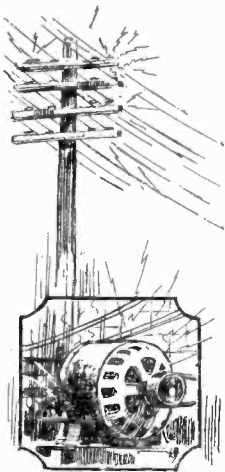


STOP A.C. Noise

Improve Selectivity



RADIO reception may be made much more enjoyable by plugging in a Falck Claroceptor between the light socket and your set. By blocking out the line interference noises, this wonderful device also helps selectivity and distance. Tested, proved. Thousands now in successful use all over America. No change required in your set. Only equipment of the kind. Compact size: $3\frac{1}{2}'' \times 5\frac{1}{2}'' \times 2\frac{1}{2}''$. Made by pioneer radio manufacturer. At radio parts dealers, or write us for new free folder.



Manufactured by

ADVANCE ELECTRIC CO.

Dept. R.D. 1260 W. 2nd St., Los Angeles, Cal.

Jobbers and Dealers, Get Our Proposition.

Falck \$750
 (with cord and plug)
CLAROCEPTOR

Alphabetical Call List (Continued)

Call	Location	Freq.	Meters	Power	Log
WGAL	Lancaster, Pa.	1310	228.9	15	
WGBB	Freeport, N. Y.	1210	247.8	100	
WGBC	Memphis, Tenn.	1430	209.7	500	
WGBF	Evansville, Ind.	630	475.9	500	
WGBI	Scranton, Pa.	880	340.7	250	
WGBS	Astoria, L. I.; S—N. Y. City	LT 1180	254.1	500	
WGCM	Gulfport, Miss.	1210	247.8	100	
WGCP	Newark, N. J.	1250	239.0	250	
WGES	Chicago, Ill.	1360	220.4	500	
WGH	Newport News, Va.	1310	228.9	100	
WGHP	Fraser, Mich.; S—Detroit	1240	241.8	750	
WGL	Fort Wayne, Ind.	1370	218.8	100	
WGMS-WLB	(See WLB-WGMS)				
WGN-WLIB	Elgin, Ill.	720	416.4	25000	
WGR	Amherst, N. Y.	550	545.1	1000	
WGST	Atlanta, Ga.	LS 890	336.9	500	
WGY	S. Schenectady, N. Y.	790	379.5	50000	
WHA	Madison, Wis.	D 940	319.0	750	
WHAD	Milwaukee, Wis.	1120	267.7	250	
WHAM	Rochester, N. Y.	1150	260.7	5000	
WHAP	Carlstadt, N. J.; S—N. Y. City	1300	230.6	1000	
WHAS	Jeffersontown, Ky.; S—Lsvl	CP 820	365.6	10000	
WHAZ	Troy, N. Y.	1300	230.6	500	
WHB	Kansas City, Mo.	D 710	422.3	500	
WHBC	Canton, Ohio	1200	249.9	10	
WHBD	Bellefontaine, Ohio	1370	218.8	100	
WHBF	Rock Island, Ill.	1210	247.8	100	
WHBL	Sheboygan, Wis.	1410	212.6	500	
WHBQ	Memphis, Tenn.	1370	218.8	100	
WHBU	Anderson, Ind.	1210	247.8	100	
WHBY	West De Pere, Wis.	LT 1200	249.9	100	
WHDF	Calumet, Mich.	1370	218.8	250	
WHDH (CP)	Gloucester, Mass.	D 830	361.2	1000	
WHDI	Minneapolis, Minn.	LT 1180	254.1	500	
WHDL	Tupper Lake, N. Y.	D 1420	211.1	10	
WHEC-WABO	Rochester, N. Y.	1440	208.2	500	
WHFC	Cicero, Ill.	1500	199.9	100	
WHIS (CP)	Bluefield, W. Va.	1420	211.1	100	
WHK	Independence, Ohio.	1390	215.7	1000	
WHN	New York, N. Y.	1010	296.9	250	
WHO	Des Moines, Iowa	1000	299.8	5000	
WHP	Lemoynne, Pa.; S—Harrisburg	1430	209.7	500	
WIAS	Ottumwa, Iowa	1420	211.1	100	
WIBA	Madison, Wis.	1210	247.8	100	
WIBG	Elkins Park, Pa.	D 930	322.4	50	
WIBM	Jackson, Mich.	1370	218.8	100	
WIBO	Chicago, Ill.	LS 560	535.4	1500	
WIBR	Steubenville, Ohio	1420	211.1	50	
WIBS	Elizabeth, N. J.	1450	206.8	250	
WIBU	Poynette, Wis.	1310	228.9	100	
WIBW	Topeka, Kan.	LS 1300	230.6	2500	
WIBX	Utica, N. Y.	LS 1200	249.9	300	
WICC	Easton, Conn.; S—Bridgeport	D 1190	252.0	500	
WIL	St. Louis, Mo.	LS 1200	249.9	250	
WILL	Urbana, Ill.	LS 890	336.9	500	
WILM	Wilmington, Del.	1420	211.1	100	
WINR	Bay Shore, N. Y.	1210	247.8	100	
WIOD	Miami Beach, Fla.	1300	230.6	1000	
WIP	Philadelphia, Pa.	610	491.5	500	

RCA Radiola

MADE BY THE MAKERS OF THE RADIOTRON

New Radiola 66

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

\$225

Less Radiotrons

Call One of These Dealers Today.

LOS ANGELES

Downtown

Barnes Music Co.
344 S. Broadway
TRinity 5223

Birkel Music Co.
446 S. Broadway
VAndike 1241

COLYEARS
507-511 So. Main St.
VAndike 1251

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

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

Richardson's
730 W. Seventh St.
TRinity 0194

10th and Norton
Ormiston Radio Shop
4018 W. 10th St.
WYoming 2704

Highland Park
F & H Radio Shop
5011 York Blvd.
GARfield 8962
Holland Electric Shop
5632 Pasadena Ave.
GARfield 3912

South

De Hoog Brothers
6120 S. Broadway
THornwall 0224

So. Western Ave.

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

Southwest

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

PASADENA

Lee Radio Shop
922 E. Colorado St.
Wakefield 5951

Alphabetical Call List (Continued)

Call	Location	Freq.	Meters	Power	Log
WISN	Milwaukee, Wis.	1120	267.7	250	
WJAC	Johnstown, Pa.	1310	228.9	100	
WJAD	Waco, Texas	1240	241.8	1000	
WJAG	Norfolk, Nebr.	LT 1060	282.8	1000	
WJAK	Marion, Ind.	1310	228.9	50	
WJAR	Providence, R. I.	LS 890	336.9	400	
WJAS	Pittsburgh, Pa.	1290	232.4	1000	
WJAX	Jacksonville, Fla.	1260	238.0	1000	
WJAY	Cleveland, Ohio	D 620	483.6	500	
WJAZ	Mt. Prospect, Ill.; S—Chicago	1480	202.6	5000	
WJBC	LaSalle, Ill.	1200	249.9	100	
WJBI	Red Bank, N. J.	1210	247.8	100	
WJBK	Ypsilanti, Mich.	1370	218.8	50	
WJBL	Decatur, Ill.	1200	249.9	100	
WJBO	New Orleans, La.	1370	218.8	100	
WJBT-WBBM	(See WBBM-WJBT)				
WJBU	Lewisburg, Pa.	1210	247.8	100	
WJBW	New Orleans, La.	1200	249.9	30	
WJBY	Gadsden, Ala.	1210	247.8	50	
WJDX (CP)	Jackson, Miss.	LS 1270	236.1	500	
WJJD	Mooseheart, Ill.	1130	265.3	20000	
WJKS	Gary, Ind.	LS 1360	220.4	1400	
WJR	Detroit, Mich.	750	399.8	5000	
WJSV	Mt. Vernon Hills, Va.	1460	205.4	10000	
WJW	Mansfield, Ohio	1210	247.8	100	
WJZ	New York City, N. Y.	LP 760	394.5	30000	
WKAQ	San Juan, P. R.	890	336.9	500	
WKAR	E. Lansing, Mich.	D 1040	288.3	1000	
WKAU	Laconia, N. H.	1310	228.9	100	
WKBB	Joliet, Ill.	1310	228.9	100	
WKBC	Birmingham, Ala.	1310	228.9	100	
WKBF	Indianapolis, Ind.	1400	214.2	500	
WKBH	La Crosse, Wis.	1380	217.3	1000	
WKBI	Chicago, Ill.	1500	199.9	50	
WKBN	Youngstown, Ohio	570	526.0	500	
WKBO	Jersey City, N. J.	1450	206.8	250	
WKBP	Battle Creek, Mich.	1420	211.1	50	
WKBQ	New York, N. Y.	1350	222.1	250	
WKBK	Galesburg, Ill.	1310	228.9	100	
WKBV	Brookville, Ind.	(CP) 1500	199.9	100	
WKBW	Amherst; S—Buffalo, N. Y.	1470	204.0	5000	
WKBZ	Ludington, Mich.	1500	199.9	50	
WKEN	Buffalo, N. Y.	LT 1040	288.3	1000	
WKJC	Lancaster, Pa.	1200	249.9	100	
WKRC	Cincinnati, Ohio	650	545.1	500	
WKY	Oklahoma City, Okla.	900	333.1	1000	
WLAC	Nashville, Tenn.	1490	201.2	5000	
WLAP	Louisville, Ky.	1200	249.9	30	
WLB-WGMS	Minneapolis, Minn.	1250	239.0	500	
WLBC	Muncie, Ind.	1310	228.9	50	
WLBK	Kansas City	1420	211.1	100	
WLBG	Ettrick, Va.; S—Petersburg	LS 1200	249.9	250	
WLBL	Stevens Pt., Wis.	D 900	333.1	3000	
WLBW	Oil City, Pa.	1260	238.0	500	
WLBX	Long Island City, N. Y.	1500	199.9	100	
WLBZ	Bangor, Maine	620	483.6	500	
WLCI	Ithaca, N. Y.	1210	247.8	50	
WLEX	Lexington, Mass.	1360	220.4	500	
WLEY	Lexington, Mass.	1420	211.1	250	

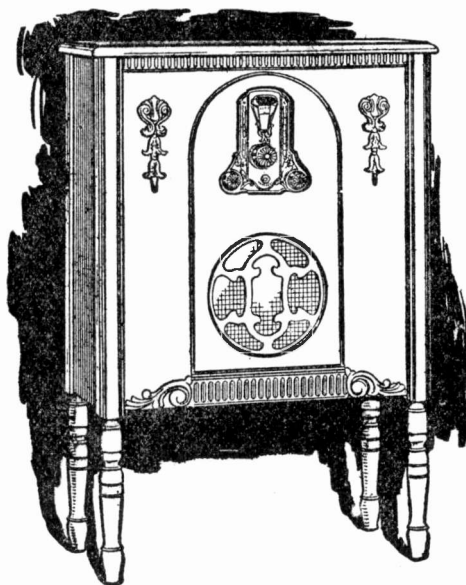
STEWART-WARNER RADIO

The remarkable performance of the new Stewart-Warner Screen-Grid Radio is the sensation of the country. Now, you can get it—at the lowest price ever placed on an 8-tube set of like quality! See it—hear it—TODAY!

**A GREAT
RADIO VALUE**

\$135⁰⁰

*less tubes
Delivered on Small
Down Payment*



**TUDOR
PERIOD
CONSOLE**

New Model 23.
With the world's
champion Stewart-
Warner Screen-Grid
Radio and built-in
Electro-Dynamic
Reproducer. Handsome
dull walnut finish.

C. A. ROESCH & CO., INC.

Operating

STEWART-WARNER SALES CO.

1101 S. Hope St.

WEstmore 2411

LOS ANGELES, CALIF.

"Distributors for Southern California and Arizona"

Alphabetical Call List (Continued)

Call	Location	Freq.	Meters	Power	Log
WLIB-WGN	(See WGN-WLIB)				
WLIT	Philadelphia, Pa.	560	535.4	500	
WLOE	Chelsea, Mass.; S—Boston	LS 1500	199.9	250	
WLS	Crete, Ill.; S—Chicago	870	344.6	5000	
WLSI-WDWF	(See WDWF-WLSI)				
WLTH	Brooklyn, N. Y.	1400	214.2	500	
WLW	Mason, Ohio; S—Cincinnati	LP 700	428.3	50000	
WLWL	Kearny, N. Y.; S—New York City	1100	272.6	5000	
WMAF	Cazenovia, N. Y.	570	526.0	250	
WMAF	S. Dartmouth, Mass.	1360	220.4	500	
WMAK	Martinsville, N. Y.; S—Buffalo	900	333.1	750	
WMAL	Washington, D. C.	630	475.9	500	
WMAN	Columbus, Ohio	1210	247.8	50	
WMAQ	Addison, Ill.	670	447.5	5000	
WMAY	St. Louis, Mo.	LS 1200	249.9	250	
WMAZ	Macon, Ga.	LS 890	336.9	500	
WMBA	Newport, R. I.	1500	199.9	100	
WMBC	Detroit, Mich.	1420	211.1	100	
WMBD	Peoria Hts., Ill.	LS 1440	208.2	1000	
WMBG	Richmond, Va.	1210	247.8	100	
WMBH	Joplin, Mo.	LS 1420	211.1	250	
WMBI	Chicago, Ill.	LT 1080	277.6	5000	
WMBO	Auburn, N. Y.	1370	218.8	100	
WMBQ	Brooklyn, N. Y.	1500	199.9	100	
WMBR	Tampa, Fla.	1210	247.8	100	
WMC	Memphis, Tenn.	LS 780	384.4	1000	
WMCA	Hoboken, N. J.; S—N. Y. City	570	526.0	500	
WMES	Boston, Mass.	1500	199.9	50	
WMMN	Fairmont, W. Va.	LS 890	336.9	500	
WMPC	Lapeer, Mich.	1500	199.9	100	
WMRJ	Jamaica, N. Y.	1420	211.1	10	
WMSG	New York, N. Y.	1350	222.1	250	
WMT	Waterloo, Iowa	600	499.7	250	
WNAC-WBIS	Quincy, Mass.; S—Boston	1230	243.8	1000	
WNAD	Norman, Okla.	1010	296.9	500	
WNAT	Philadelphia, Pa.	1310	228.9	100	
WNAX	Yankton, S. D.	570	526.0	1000	
WNB	Binghamton, N. Y.	1500	199.9	50	
WNBH	New Bedford, Mass.	1310	228.9	100	
WNB	Knoxville, Tenn.	1310	228.9	50	
WNBO	Washington, Pa.	1200	249.9	100	
WNBR	Memphis, Tenn.	1430	209.7	500	
WNBW	Carbondale, Pa.	1200	249.9	10	
WNBX	Springfield, Vt.	1200	249.9	10	
WNBZ	Saranac Lake, N. Y.	D 1290	232.4	50	
WNJ	Newark, N. J.	1450	206.8	250	
WNOX	Knoxville, Tenn.	LS 560	535.4	2000	
WNRC	Greensboro, N. C.	1440	208.2	250	
WNYC	New York, N. Y.	570	526.0	500	
WOAI (CP)	San Antonio, Texas	1190	252.0	50000	
WOAN	Lawrenceburg, Tenn.	600	599.7	500	
WOAX	Trenton, N. J.	1280	234.2	500	
WOBT	Union City, Tenn.	LS 1310	228.9	250	
WOB	Near Charleston, W. Va.	580	516.9	250	
WOC	Davenport, Iowa	1000	299.8	5000	
WOCL	Jamestown, N. Y.	1210	247.8	25	
WODA	Paterson, N. J.	1250	239.0	1000	
WODX	Springhill, Ala.; S—Mobile	1410	212.6	500	
WOI	Ames, Iowa	D 640	468.5	5000	

Better Reception!

A RADIO DOINGS beside your set gives the same service as a telephone directory beside a telephone.

Instead of wasting time and patience trying to dial an interesting program, RADIO DOINGS points the way. Not only can your entertainment be selected without trouble but the station call letters, wave length, power, location and the full schedule can be had at a glance.

The services of a trained radio staff can be relied on weekly for accurate logs of stations, radio and studio illustrated news, technical helps, DX information, short wave and everything "radio" that makes listening-in more enjoyable to Western set owners.

Take full advantage of the fascinating entertainment scheduled for the winter season by ordering RADIO DOINGS delivered to your home regularly. It costs less than 6c a week.

Make your receiver one hundred per cent worthwhile. Mail this coupon to the nearest RADIO DOINGS office now!

THE PACIFIC COAST'S GREAT RADIO WEEKLY DELIVERED TO YOUR HOME, 52 WEEKS FOR ONLY \$3.00

Radio Doings:

Enclosed is \$3.00. Please mail Radio Doings each week for one year to my address.

Name

Address

State

407 E. Pico St., Los Angeles, Calif., or Hearst Bldg., San Francisco, Calif.

Alphabetical Call List (Continued)

Call	Location	Freq.	Meters	Power	Log
WOK-WMBB	(See WMBB-WOK)				
WOKO	Mt. Beacon, N. Y.; S—Poughkps	1440	208.2	500	
WOL	Washington, D. C.	1310	228.9	100	
WOMT	Manitowoc, Wis.	1210	247.8	100	
WOOD	Grand Rapids, Mich.	1270	236.1	500	
WOPI (CP)	Bristol, Tenn.	1500	199.9	100	
WOQ	Kansas City, Mo.	610	491.5	1000	
WOR	Kearney, N. J.; S—Newark, N. J.	710	422.3	5000	
WORC	Auburn, Mass.	1200	249.9	100	
WORD	Batavia, Ill.; S—Chicago, Ill.	1480	202.6	5000	
WOS	Jefferson City, Mo.	LS 630	475.9	500	
WOV	Secaucus, N. J.; S—N. Y. City	D 1130	265.3	1000	
WOW	Omaha, Nebr.	590	508.2	1000	
WOWO (CP)	Ft. Wayne, Ind.	1160	258.5	10000	
WPAP-WQAO	(See WQAO-WPAP)				
WPAW	Pawtucket, R. I.	1210	247.8	100	
WPCC	Chicago, Ill.	560	535.4	500	
WPCH	Hoboken, N. Y.; S—N. Y. City	D 810	370.2	500	
WPEN	Philadelphia, Pa.	LS 1500	199.9	250	
WPG	Atlantic City, N. J.	1100	272.6	5000	
WPOE	Patchogue, N. Y.	LS 1370	218.8	100	
WPOR-WTAR	(See WTAR-WPOR)				
WPSC	State College, Pa.	D 1230	243.8	500	
WPTF	Raleigh, N. C.	LT 680	440.9	1000	
WQAM	Miami, Fla.	1240	241.8	1000	
WQAN	Scranton, Pa.	880	340.7	250	
WQAO-WPAP	Cliffside, N. Y.; S—N. Y. City	1010	296.9	250	
WQBC	Utica, Miss.	1360	220.4	300	
WQBZ	Weirton, W. Va.	1420	211.1	60	
WRAF	LaPorte, Ind.	1200	249.9	100	
WRAK	Erie, Pa.	1370	218.8	50	
WRAW	Reading, Pa.	1310	228.9	100	
WRAX	Philadelphia, Pa.	D 1020	293.9	250	
WRBI	Tifton, Ga.	1310	228.9	20	
WRBJ	Hattiesburg, Miss.	1500	199.9	100	
WRBL	Columbus, Ga.	1200	249.9	50	
WRBQ	Greenville, Miss.	1210	247.8	100	
WRBT	Wilmington, N. C.	1370	218.8	100	
WRBU	Gastonia, N. C.	1210	247.8	100	
WRC	Washington, D. C.	950	315.6	500	
WREC	Whitehaven, Tenn.; S—Memphis	LS 600	499.7	1000	
WREN	Lawrence, Kans.	1220	245.8	1000	
WRHM	Fridley, Minn.; S—Minneapolis	1250	239.0	1000	
WRJN	Racine, Wis.	1370	218.8	100	
WRK	Hamilton, Ohio	1310	228.9	100	
WRNY	Coytesville, N. J.; S—N. Y. City	1010	296.9	250	
WRR	Dallas, Texas	1280	234.2	500	
WRUF	Gainesville, Fla.	1470	204.0	5000	
WRVA (CP)	Richmond, Va.	1110	270.1	5000	
WSAI	Harrison, Ohio.; S—Cincinnati	1330	225.4	500	
WSAJ	Grove City, Pa.	1310	228.9	100	
WSAN	Allentown, Pa.	1440	208.2	250	
WSAR	Fall River, Mass.	1450	206.8	250	
WSAZ	Huntington, W. Va.	580	516.9	250	
WSB (CP)	Atlanta, Ga.	740	405.4	5000	
WSBC	Chicago, Ill.	1210	247.8	100	
WSBT	South Bend, Ind.	1230	243.8	500	
WSGH-WSDA	Brooklyn, N. Y.	1400	214.2	500	
WSGP (CP)	Savannah, Ga.	1410	212.6	1000	

Alphabetical Call List (Continued)

Call	Location	Freq.	Meters	Power	Log
WSIX	Springfield, Tenn.	1210	247.8	100	
WSJS (CP)	Winston-Salem, N. C.	1310	228.9	100	
WSM	Nashville, Tenn.	650	461.3	5000	
WSMB	New Orleans, La.	1320	227.1	500	
WSMK	Dayton, Ohio	1380	217.4	20	
WSOA	Deerfield, Ill.; S—Forest Park	1480	202.6	5000	
WSPD	Toledo, Ohio	LS 1340	223.7	500	
WSSH	Boston, Mass.	LS 1360	220.4	500	
WSUI	Iowa City, Iowa	580	516.9	500	
WSUN-WFLA	(See WFLA-WSUN)				
WSVS	Buffalo, N. Y.	1370	218.8	50	
WSYR	Syracuse, N. Y.	570	526.0	250	
WTAD	Quincy, Ill.	1440	208.2	500	
WTAG	Worcester, Mass.	580	516.9	250	
WTAM	Cleveland, Ohio	1070	280.2	5000	
WTAQ	Eau Claire, Wis.	1330	225.4	1000	
WTAR-WPOR	Norfolk, Va.	780	384.4	500	
WTAW	College Station, Texas	1120	267.7	500	
WTAX	Streator, Ill.	1210	247.8	50	
WTBO	Cumberland, Md.	1420	211.1	50	
WTFI	Toccoa, Ga.	1450	206.8	250	
WTIC	Avon, Con.; S—Hartford	LP 1060	282.8	25000	
WTMJ	Brookfield, Wis.; S—Milwaukee	LS 620	483.6	1000	
WTNT	Nashville, Tenn.	1490	201.2	5000	
WTOC	Savannah, Ga.	1360	220.4	500	
WWAE	Hammond, Ind.	1200	249.9	100	
WWJ	Detroit, Mich.	920	325.9	1000	
WWL	New Orleans, La.	850	352.7	5000	
WWNC	Asheville, N. C.	570	526.0	1000	
WWRL	Woodside, N. Y.	1500	199.9	100	
WWVA	Wheeling, W. Va.	LS 1160	258.5	5000	

Radio Doings

The Guide Book for the Radio Fan

CONTAINS Latest Radio News—Pictures of Artists—Stories of the Studios—
Latest Developments in Radio—Your Radio Problems and Questions Answered—
Latest Station Changes—last but not least—the detail programs of all the large
Western Stations.

Expert Radio Service

In All Parts of the City

Mail Order Service for Outside Points
All Types of Domestic and Foreign Sets
ALL WORK FULLY GUARANTEED

C. R. SPENCER

Grade "A" Technician—Certified by the Radio Trades Assn.

5728 Santa Monica Blvd.

Gladstone 5781

Log of Western Stations

CALIFORNIA			OREGON			COLORADO		
Call	Kc.	Mtrs. Log	Call	Kc.	Mtrs. Log	Call	Kc.	Mtrs. Log
KTAB	560	535.4	KOAC	550	545.1	KLZ	560	535.4
KMTR	570	526.0	KGW	620	483.6	KOA	830	361.2
KFSD	600	499.7	KOIN	940	319.0	KFKA	880	340.7
KFRC	610	491.5	KWJJ	1060	282.8	KPOF	880	340.7
KFI	640	468.5	KEX	1180	254.1	KFEL	630	475.9
KPO	680	440.9	KFJR	1300	230.6	KFXF	630	475.9
KEJK	710	422.3	KTBR	1300	230.6	KFHA	1200	249.9
KELW	780	384.4	KMED	1310	228.9	KGEK	1200	249.9
KTM	780	384.4	KFJI	1370	218.8	KGEW	1200	249.9
KGO	790	379.5	KFIF	1420	211.1	KFUM	1270	236.1
KFQZ	860	348.5	KORE	1420	211.1	KFUP	1310	228.9
KLX	880	340.7	KXL	1420	211.1	KFXJ	1310	228.9
KHJ	900	333.1	KVEP	1500	199.9	KGHF	1320	227.1
KFWI	930	322.4	WASHINGTON			KGIW	1420	211.1
KFWM	930	322.4	KXA	570	526.0	ARIZONA		
KFWB	950	315.6	KHQ	590	508.2	KFAD	620	483.6
KFVD	1000	299.8	KJR	760	394.5	KVOA	1260	238.0
KQW	1000	299.8	KVI	920	325.9	KGAR	1370	218.8
KNX	1050	285.5	KOMO	970	309.1	KOY	1390	215.7
KJBS	1070	280.2	KRSC	1120	267.7	KFXY	1420	211.1
KGDM	1100	272.6	KGY	1200	249.9	KPJM	1500	199.9
KFSG	1120	267.7	KVOS	1200	249.9	UTAH		
KMIC	1120	267.7	KPCB	1210	247.8	KSL	1130	265.3
KGFJ	1200	249.9	KPQ	1210	247.8	KDYL	1290	232.4
KWG	1200	249.9	KFIO	1230	243.8	KLO	1370	218.8
KSMR	1200	249.9	KOL	1270	236.1	IDAHO		
KXO	1200	249.9	KTW	1270	236.1	KSEI	900	333.1
KFXM	1210	247.8	KXRO	1310	228.9	KIDO	1250	239.0
KMJ	1210	247.8	KFPY	1340	223.7	KGIQ	1320	227.1
KPPC	1210	247.8	KMO	1340	223.7	KID	1320	227.1
KFOX	1250	239.0	KFBL	1370	218.8	KFXD	1420	211.1
KGEF	1300	230.6	KIT	1370	218.8	KGKX	1420	211.1
KTBI	1300	230.6	KVL	1370	218.8	MONTANA		
KFBK	1310	228.9	KWSC	1390	215.7	KUOM	570	526.0
KGB	1330	225.4	KFQW	1420	211.1	KGHL	950	315.6
KGER	1360	220.4	KGA	1470	204.1	KGCX	1310	228.9
KPSN	1360	220.4	KUJ	1500	199.9	KGEZ	1310	228.9
KRE	1370	218.8	NEVADA			KFBB	1360	220.4
KGGC	1420	211.1	KOH	1370	218.8	KGIR	1360	220.4
KFQU	1420	211.1	KGIX	1420	211.1	NEW MEXICO		
KECA	1430	209.7	NEW MEXICO			KOB	1180	254.1
KLS	1440	208.2	KOB	1180	254.1	KGFL	1370	218.8
KDB	1500	199.9	KGFL	1370	218.8	KGGM	1370	218.8
WYOMING			NEW MEXICO			NEW MEXICO		
KDFN	1210	247.8	KOB	1180	254.1	KOB	1180	254.1
			KGFL	1370	218.8	KGFL	1370	218.8
			KGGM	1370	218.8	KGGM	1370	218.8

Geographical List of U. S. Stations

ALABAMA			DELAWARE			Culver WCMA			Chelsea WLOE		
Birmingham WAPI			Wilmington .. WDEL-			Evansville WGBF			Dartmouth WMAF		
WBRC, WKBC			WILM			Fort Wayne WGL,			Fall River WSAR		
Gadsden WJBY			DIST. OF COLUMBIA			WOWO			Gloucester WHDH		
Springfield WODX			Washington .. WMAL,			Gary WJKS			Lexington WLEX,		
ALASKA			WOL, WRC			Hammond WWAE			WLEY		
Anchorage KFQD			FLORIDA			Indianapolis .. WFBM,			New Bedford .. WNBH		
Ketchikan KGBU			Clearwater ... WFLA-			WKBF			Springfield WBZ		
ARIZONA			WSUN			Lafayette WBAA			Weymouth WEI		
Flagstaff KFXV			Gainesville ... WRUF			La Porte WRAF			Worcester WTAG		
Phoenix .. KFAD, KOY			Jacksonville ... WJAX			Marion WJAK			MICHIGAN		
Prescott KPJM			Miami Beach .. WIOD,			Muncie WLBC			Battle Creek... WKBP		
Tucson.. KGAR, KVOA			WQAM			South Bend WSBT			Bay City..... WBCM		
ARKANSAS			Orlando WDBO			Terra Haute... WBOW			Berrien Sp'ngs WEMC		
Blytheville KLCN			Pensacola WCOA			IOWA			Calumet WHDF		
Fayetteville ... KUOA			Tampa WDAE,			Ames WOI			Detroit. WGHP, WJR		
Hot Springs.... KTHS			WMBR			Boone KFGQ			WMBC, WWJ		
Little Rock.... KGH1			GEORGIA			Cedar Rapids .. KWCR			Flint WFDF		
KGJF, KLRA			Atlanta .. WGST, WSB			Clarinda KSO			Grand Rapids.. WASH,		
Siloam Springs KFPW			Columbus WRBL			Council Bluffs.. KOIL			WOOD		
CALIFORNIA			Macon WMAZ			Davenport WOC			Jackson WIBM		
Berkeley KRE			Tifton WRBI			Decorah KGCA,			Lansing WKAR		
Beverly Hills... KEJK			Toccoa WTFI			KWLC			Lapeer WMPCL		
Burbank KELW			Savannah WTOC,			Des Moines WHO			Ludington WKGB		
Culver City.... KFVD			WSGP			Fort Dodge.... KFJY			Royal Oak WAGZ		
El Centro..... KXO			HAWAII			Iowa City WSUI			Ypsilanti WJBK		
Fresno KMJ			Honolulu KGU			Marshalltown .. KFJB			MINNESOTA		
Hollywood.... KFQZ,			IDAHO			Muscatine KTNT			Collegeville ... WFBJ		
KFWB, KMTR, KNX			Boise KIDO			Ottumwa WIAS			Fergus KGDE		
Holy City.... KFQU			Idaho Falls.... KID			Red Oak KICK			Hallock KGFK		
Inglewood KMIC			Jerome KF XD			Shenandoah KFNF			Minneapolis ... WCCO,		
Long Beach... KFOX,			Pocatello KSEI			Sioux City KSCJ			WDGY, WHDI,		
KGER			Sandpoint KGKX			Waterloo WMT			WLB, WRHM		
Los Angeles.... KFI,			Twin Falls.... KGIQ			KANSAS			Northfield WCAL,		
KFSG, KGEF,			ILLINOIS			Lawrence WREN,			KFMX		
KGFJ, KHL, KECA,			Bloomington .. KYW-			KFKU			St. Paul..... KSTP		
KTBI			KPKX			Manhattan KSAC			MISSISSIPPI		
Oakland KGO,			Carthage WCAZ			Milford KFKB			Greenville WRBQ		
KLS, KLX, KTAB			Chicago WAAZ,			Topoka WJBW			Gulfport WGCM		
Pasadena KPFC,			WBMM-WJBT,			Witchita KFH			Hattiesburg ... WRBJ		
KPSN			WGES, WCFL,			KENTUCKY			Meridian WCCO		
Sacramento ... KFBK			WCRW, WEDC,			Hopkinsville ... WFIW			Utica WQCB		
Santa Barbara... KDB			WENR, WIBO,			Louisville WHAS,			MISSOURI		
San Bernardino. KF XM			WJAZ, WKBI, WLS,			WLAP			Cape Girardeau KFVS		
San Diego KFSD, KGB			WMAQ, WMBI,			LOUISIANA			Clayton KFUO		
San Francisco KFRC,			WORD, WPCC,			Kennonwood . KWKH			Columbia KFRU		
KFWI, KFWM,			KYWA			New Orleans... WABZ,			Independence . KMBC		
KGGC, KJBS,			Cleero WHFC			WDSU, WJBO,			Jackson WJDX		
KPO			Decatur WJBL			WJBW, WSMB,			Jefferson City... WOS		
San Jose KQW			Elgin .. WGN-WLIB			WNL			Joplin WMBH		
Santa Monica... KTM			Evanston WEHS			Shreveport ... KRMD,			Kansas City... WDAF,		
Santa Marla... KSMR			Forest Park... WSOA			KTBS, KTSL,			WLB, WOQ, WHB,		
Stockton KGDM, KWG			Galesburg WKBS			KWEA			KWKC		
COLORADO			Harrisburg WEBQ			LOUISIANA			Kirkwood ... KMOX-		
Colo. Springs... KFUM			Joliet . WCLS, WKBB			Kennonwood . KWKH			KFQA		
Denver KFEL, KPUP,			La Salle..... WJBC			New Orleans... WABZ,			St. Joseph.... KFEQ,		
KLZ, KFXF, KOA,			Mooseheart ... WJJD			WDSU, WJBO,			KGXB		
KPOF			Peoria Heights WMBD			WJBW, WSMB,			St. Louis..... WEW,		
Edgewater KFXJ			Quincy WTAD			WNL			WIL, KFWF,		
Fort Morgan... KGEV			Rockford KFLY			Shreveport ... KRMD,			WMAY KSD, KWK		
Gunnison KFHA			Rock Island... WHBF			KTBS, KTSL,			MONTANA		
Greeley KFKA			Springfield WCB			KWEA			Billings KGHL		
Pueblo KGHF			Streator WTAX			MAINE			Butte KGR		
Trinidad KGIW			Tuscola WDZ			Portland WCSH			Great Falls... KPBE		
Yuma KGEK			Urbana WILL			Bangor WABI, WLZ			Kalispell KGEZ		
CONNECTICUT			Zion WCB			MARYLAND			Missoula KUOM		
Bridgeport WICC			INDIANA			Baltimore WBAL,			Wolf Pt..... KGCC		
Hartford WTIC			Anderson WHBU			WCOA, WCBM,			NEBRASKA		
New Haven.... WDRC			Brookville WKBV			WFBR			Lincoln WCAJ,		
Storrs WCAC						Cumberland .. WTBO			Omaha WAAW, WOW		
						MASSACHUSETTS			KFAB, KFOR		
						Auburn WORC					
						Babson Park... WBSO					
						Boston WBZA,					
						WMES, WNAC-					
						WBIS, WSSH					

Geographical List--Cont.

Clay Center...KMMJ
 NorfolkWJAG
 RavennaKGFV
 YorkKGBZ

NEVADA

Las VegasKGIX
 RenoKOH

NEW HAMPSHIRE

LaconiaWKAV
 TiltonWBRL

NEW JERSEY

Asbury Park...WCAP
 Atlantic City...WPG
 CamdenWCAM
 Fort LeeWBMS
 Jersey City ...WAAT
 WKBO
 KenilworthWIBS
 NewarkWAAM
 NewarkWGCP,
 WNJ, WOR
 PatersonWODA
 Red BankWJBI
 TrentonWOAX

NEW MEXICO

Albuquerque ...KGGM
 RatonKGLF
 State College...KOB

NEW YORK

AstoriaWGBS
 AmherstWGR
 AuburnWMBO
 Bay Shore.....WINR
 Binghamton ...WBNF
 Brooklyn ...WLTH,
 WMBQ, WSGH-
 WSDA
 BuffaloWEBR,
 WKBW, WKEN,
 WMAK, WSVS
 CantonWCAD
 CazenoviaWMAC
 Coney Island..WCGU
 FreeportWGBB
 GreenvilleWCOH
 IthacaWEAI, WLCI
 JamaicaWMRJ
 Jamestown ...WOCL
 Long Isl. City..WLBX
 New YorkWABC-
 WBOQ, WBBC,
 WBNY, WCDA,
 WEAF, WEVD,
 WHAP, WHN,
 WIBX, WJZ,
 WKBQ, WLWL,
 WMCA, WMSG,
 WNYC, WOV,
 WPCH, WQAQ-
 WPPA, WRNY
 Patchogue ...WPOE
 Poughkeepsie..WOKO
 RochesterWHAM,
 WHEC, WABO
 RossvilleWBRR
 SaranacWNBZ
 Schenectady ...WGY
 SyracuseWFBL,
 WSYR
 TroyWHAZ
 Tupper Lake...WHDL
 WoodsideWWRL

NORTH CAROLINA

AshevilleWWNC
 RaleighWPTF
 CharlotteWBT
 GastoniaWRBU
 Greensboro ...WNRG
 Wilmington ...WRBT
 Winston-Salem WSJC

NORTH DAKOTA

BismarckKFYR
 Devils Lake...KDLR
 FargoWDAY
 Grand Forks...KFJM
 MandanKGCU
 MinotKLPM

OHIO

Akron...WADC, WFJC
 Bellefontaine..WHBD
 CambridgeWEBE
 CantonWHBC
 Cincinnati ...WKRC,
 WSAI
 ClevelandWEAR,
 WJAY, WTAM
 ColumbusWAIU,
 WCAH, WEOA,
 WMAN
 DaytonWSMK
 HamiltonWRK
 HarrisonWKCY
 Independence..WHK
 MansfieldWJW
 MasonWLW
 Springfield...WCOS
 Steubenville ...WBR
 ToledoWSPD
 Youngstown ...WKBN

OKLAHOMA

AlvaKGFF
 Chickasha ...KOCW
 EnidKCRK
 NormanWNAD
 Oklahoma City..WKY,
 KFJK, KFJR,
 KGGF
 PicherKGGF
 Ponca CityWBBZ
 TulsaKVOO

OREGON

AstoriaKFJI
 CorvallisKOAC
 EugeneKORE
 Marshfield ...KOOS
 MedfordKMED
 PortlandKEX,
 KFIF, KFJR, KGW,
 KOIN, KTBR,
 KVEP, KWJJ, KXL

PENNSYLVANIA

AllentownWCBA,
 WSN
 AltoonaWFEJ
 Bear Creek...WBAX
 Carbondale ...WNBW
 Elkins Park ...WIBG
 ErieWEDH, WRAK
 Grove City....WSAJ
 Harrisburg ...WBAK,
 WHP, WCOD

JohnstownWJAC
 LancasterWGAL,
 WKJC
 LewisburgWJBU
 Oil City.....WLBW
 Philadelphia ..WCAU,
 WELK, WFAN,
 WFI, WFKD, WIP,
 WLIT, WNAT,
 WPEN, WRAX
 PittsburgWCAE,
 WJAS, KQV
 ReadingWRAW
 SaxonburgKDKA
 ScrantonWGBI,
 WQAN
 Washington ...WNBO
 Wilkes-Barre..WBRE

PORTO RICO

San Juan.....WKAQ

RHODE ISLAND

CranstonWDWF-
 WLSI
 NewportWMBA
 Pawtucket ...WPAW
 Providence ...WEAN,
 WJAR

SOUTH CAROLINA

Charleston ...WBBY

SOUTH DAKOTA

BrookingsKFDY
 Dell Rapids...KGDA
 OldhamKGDY
 PierreKGFX
 Rapid City...WCAT
 Sioux Falls...KSOO
 Vermillion ...KUSD
 Watertown ...KGCR
 YanktonWNAX

TENNESSEE

Nashville ...WBAW,
 WLAC, WSM
 BristolWOPI
 Chattanooga..WDOD
 KnoxvilleWFBC,
 WNBK, WNOX
 Lawrenceburg..WOAN
 MemphisWGBC,
 WHBQ, WMC,
 WNR
 Springfield ...WSIX
 Union City....WOBT
 Whitehaven ...WREK

TEXAS

AbleneKFYO
 AmarilloWDAG,
 KGRS
 AustinKUT
 BeaumontKFDMD
 Brownsville ..KWVG
 Brownwood ...KGKB
 College Sta...WTAW
 Corpus Christi..KGFJ
 DallasWFAA,
 WRR, KRLL
 DublinKFPL
 El Paso.....KTSM,
 WDAH

Fort Worth....WBAP,
 KFJZ, KSAT
 GalvestonKFLX,
 KFUL
 GreenvilleKFPM
 HarlingenKRGV
 Houston KPRC, KTUE
 RichmondKGHX
 San Angelo....KGKL
 San Antonio...WOAI,
 KGCI, KGRC, KTAP,
 KTSA

WacoWJAD
 Wichita Falls..KGGK

UTAH

OgdenKLO
 Salt Lake KDYL, KSL

VERMONT

Springfield ...WNBX
 BurlingtonWCAX

VIRGINIA

EmoryWEHC
 EttrickWLBG
 Mt. Vernon Hills WJSV
 NewportWGH
 Norfolk WTAR-WPOR
 RichmondWBBL,
 WMBG, WRVA
 RoanokeWDBJ

WASHINGTON

AberdeenKXRO
 Bellingham ...KVOS
 EverettKFBL
 LaceyKGY
 LongviewKUJ
 PullmanKWSC
 Seattle...KFQW, KOL,
 KOMO, KPCB, KPQ,
 KRSC, KTW, KVL,
 KXA, KJR,
 Spokane KFIO, KFPY,
 KHQ, KGA
 TacomaKMO, KVI
 YakimaKIT

WEST VIRGINIA

BluefieldWHIS
 Charleston ...WOBV
 FairwayWMMN
 Huntington ...WSAZ
 WeirtonWQBZ
 WheelingWVVA

WISCONSIN

BeloitWEBW
 Eau Claire...WTAQ
 Fond du Lac...KFIZ
 KenoshaWCLO
 La Crosse....WKBH
 Madison.WIBA, WHA
 Manitowac ...WOMT
 Milwaukee ...WHAD,
 WISN, WTMJ
 PoynetteWIBU
 RacineWRJN
 Sheboygan ...WHBL
 Stevens Point..WLBL
 SuperiorWEBC
 West De Pere..WHBY

WYOMING

Casper, Wyo....KDFN

Trans-Pacific Stations

From Latest Available Information

Australia

Call	Location	Meters	Power	Log	Remarks
5CL	Adelaide	395	1000		
2MK	Bathurst				
4QG	Brisbane	385	1000		
3LO	Melbourne	371	1000		
6WF	Perth	1250	1000		
2BL	Sydney	353	1000		
2FC	Sydney	442	2000		
2GB	Sydney	326	1500		

Tasmania

7ZL	Hobart	525	3000		
-----	--------	-----	------	--	--

New Zealand

1YA	Auckland	333	500		
2YA	Wellington	420	5000		
3YA	Christchurch	400	500		
4YA	Dunedin	463	500		

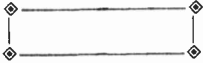
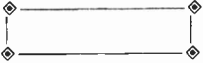
China

COHB	Kharbin	445	1000		
COMK	Mukden	425	2000		
GOW	Hongkong	300	1500		
XOL	Tientsin	480	500		


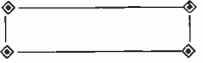
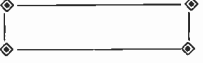
Japan

JFAK	Taihoku, Taiwan	350	1000		
JOAK	Tokyo	375	1000		
JOAK	Tokyo	345	10000		
JOBK	Osaka	400	10000		
JOCK	Nagoya	370	1000		
JODK	Keljo	366	1000		
JOFK	Hiroshima	353	10000		
JOGK	Kumamoto	380	10000		
JOHK	Sendai	390	10000		
JOIK	Sapporo	361	10000		
JQAK	Dairen (Kwangtung)	395	5000		


Alaskan Stations

- CHANNEL No. 36**  **900 Kcys., 333.1 Meters**
- KGBU** 500 watts Ketchikan.....Alaska Radio & Service Co.
- CHANNEL No. 69**  **1230 Kcys., 243.8 Meters**
- KFQD** 100 watts Anchorage.....Anchorage Radio Club
-


Cuban Stations

- CHANNEL No. 26**  **800 Kcys., 374.8 Meters**
- CMI** 500 watts Habana
- CHANNEL No. 30**  **840 Kcys., 356.9 Meters**
- CMC** 500 watts Habana.....Cuban Tel. Co.
Occasionally on 810-820 Keys.
- CHANNEL No. 38**  **920 Kcys., 325.9 Meters**
- CMSLO** 250 watts Calbarien
-

Hawaiian Stations

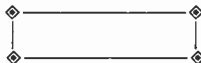
- CHANNEL No. 40**  **940 Kcys., 319.0 Meters**
- KGU** 500 watts Honolulu.....M. A. Mulrony & Advt. Pub. Co., Ltd.
-

Porto Rican Stations

- CHANNEL No. 35**  **890 Kcys., 336.9 Meters**
- WKAQ** 500 watts San Juan.....Radio Corp. of Puerto Rico

Canadian Stations

CHANNEL No. 4


580 Kcys., 516.9 Meters

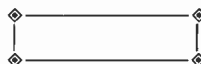
CHMA	250 watts	Edmonton, Alta.....	Christian and Miss. Alliance
CJBC	500 watts	Toronto, Ont.....	Jarvis St. Baptist Church
CJCA	500 watts	Near Edmonton, Alta.....	Edmonton Journal, Ltd.
CJSC	500 watts	Toronto, Ont.....	Evening Telegram
CKCL	500 watts	Toronto, Ont.....	Dominion Battery Co.
CKNC	500 watts	Toronto, Ont.....	Cadanian Nat'l Carbon, Ltd.
CKUA	500 watts	Edmonton, Alta.....	Univ. of Alberta
CNRE	500 watts	Edmonton, Alta.....	Canadian Nat'l R. R.

CHANNEL No. 6


600 Kcys., 499.7 Meters

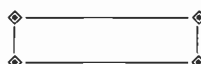
CFCH	250 watts	Iroquois Falls, Ont....	Abitibi Power & Paper Co., Ltd.
CJRM	500 watts	Moose Jaw, Sask.....	James Richardson & Sons, Ltd.
CJRW	500 watts	Fleming, Sask.....	James Richardson & Sons, Ltd.
CNRO	500 watts	Ottawa, Ont.....	Canadian Nat'l R. R.

CHANNEL No. 9


630 Kcys., 475.9 Meters

CFCT	500 watts	Victoria, B. C.....	Victoria Broadcasting Association
CJGX	500 watts	Yorkton, Sask.....	Winnipeg Grain Exchange
CNRA	500 watts	Moncton, N. B.....	Canadian Nat'l R.R.

CHANNEL No. 15


690 Kcys., 434.5 Meters

CFAC	500 watts	Calgary, Alta.....	The Calgary Herald
CFCN	500 watts	Calgary, Alta.....	Western Broadcasting Co.
CHCA	500 watts	Calgary, Alta.....	Western Farmer
CJ CJ	500 watts	Calgary, Alta.....	Albertan Publ. Co., Ltd.
CKCO	100 watts	Ottawa, Ont.....	Dr. G. M. Geldert
CKGW	5000 watts	Bowmanville, Ont.....	Godderham and Worts, Ltd.
CNRC	500 watts	Calgary, Alta.....	Canadian Nat'l R. R.

CHANNEL No. 19


730 Kcys., 410.7 Meters

CHLS	50 watts	Vancouver, B. C.....	W. G. Hassell
CHYC	500 watts	Montreal, P. Q.....	Northern Elec. Co., Ltd.
CKAC	5000 watts	Montreal, P. Q.....	La Presse Pub. Co., Ltd.
CKCD	50 watts	Vancouver, B. C.....	Vancouver Daily Province
CKFC	50 watts	Vancouver, B. C.....	United Church of Canada
CKMO	50 watts	Vancouver, B. C.....	Sprott-Shaw Radio Co.
CKWX	100 watts	Vancouver, B. C.....	A. Holstead and Wm. Hanlon
CNRM	5000 watts	Montreal, P. Q.....	Canadian Nat'l R. R.

CHANNEL No. 24


780 Kcys., 384.4 Meters

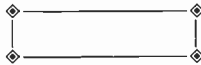
CKY	5000 watts	Winnipeg, Man.....	Manitoba Telephone System
CNRW	5000 watts	Winnipeg, Man.....	Canadian Nat'l R. R.

CHANNEL No. 30


840 Kcys., 356.9 Meters

CFCA	500 watts	Toronto, Ont.....	Star Publ. & Printing Co.
CHCT	1000 watts	Red Deer, Alta.....	G. F. Tull & Ardern, Ltd.
CJBC	1000 watts	Toronto, Ont.....	Jarvis St. Baptist Church
CKLC	1000 watts	Red Deer, Alta.....	Alberta Pac. Grain Co., Ltd.
CKOW	500 watts	Toronto, Ont.....	Nestle's Food Co. of Canada
CNRT	500 watts	Toronto, Ont.....	Canadian Nat'l R. R.

CHANNEL No. 34



880 Kcys., 340.7 Meters

CHCS	10 watts	Hamilton, Ont.....	Hamilton Spectator
CHML	50 watts	Hamilton, Ont.....	Maple Leaf Radio Co., Ltd.
CHRC	100 watts	Quebec, P. Q.....	E. Fontaine
CJCB	50 watts	Sidney, N. S.....	N. Nathanson
CKCI	22½ watts	Quebec, P. Q.....	Le "Soleil" Ltd.
CKCV	50 watts	Quebec, P. Q.....	G. A. Vandry
CKOC	50 watts	Hamilton, Ont.....	Wentworth Radio & Auto Supply
CNRQ	50 watts	Quebec, P. Q.....	Canadian Nat'l R. R.

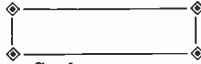
CHANNEL NO. 35



890 Kcys., 336.9 Meters

CFBO	50 watts	St. John, N. B.....	C. A. Munro, Ltd.
CKCO	100 watts	Ottawa, Ont.....	Dr. G. M. Geldert

CHANNEL No. 37



910 Kcys., 329.5 Meters

CFQC	500 watts	Saskatoon, Sask.....	The Electric Shop, Ltd.
CJGO	500 watts	London, Ont.....	London Free Press & Printing Co.
CJHS	250 watts	Saskatoon, Sask.....	Radio Service, Ltd.
CNRL	500 watts	London, Ont.....	Canadian Nat'l R. R.
CNRS	500 watts	Saskatoon, Sask.....	Canadian Nat'l R. R.

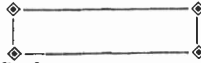
CHANNEL No. 39



930 Kcys., 322.4 Meters

CHNS	500 watts	Halifax, N. S.....	Halifax Herald, Ltd.
CKIC	50 watts	Wolfville, N. S.....	Acadia University

CHANNEL No. 42



960 Kcys., 312.3 Meters

CFCR	500 watts	Regina, Sask.....	Sydney I. Robinson
CFCY	250 watts	Charlottetown, P. E. I.....	Island Radio Co.
CFRB	4000 watts	King, Ontario.....	Standard Radio Mfg. Corp., Ltd.
CHCK	30 watts	Charlottetown, P. E. I.....	W. E. Burke
CHWC	500 watts	Pilot Butte, Sask.....	R. H. Williams & Sons, Ltd.
CJCB	5000 watts	Toronto, Ont.....	Jarvis St. Baptist Church
CJBR	500 watts	Regina, Sask.....	Operative Wheat Producers, Ltd.
CKKC	500 watts	Regina, Sask.....	Leader Pub. Co., Ltd.
CKGW	5000 watts	Bowmanville, Ont.....	Gooderham & Worts, Ltd.
CNRR	500 watts	Regina, Sask.....	Canadian Nat'l R. R.

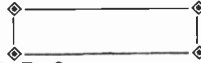
CHANNEL No. 47



1010 Kcys., 296.9 Meters

CFLC	50 watts	Prescott, Ont.....	Radio Association of Prescott
CJCR	50 watts	Waterloo, Ont.....	John Paterson
CKSH	50 watts	St. Hyacinthe, P. Q.....	City of St. Hyacinthe

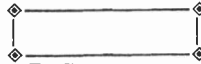
CHANNEL No. 49



1030 Kcys., 291.1 Meters

CFCF	1650 watts	Montreal, P. Q.....	Canadian Marconi Co.
CJOR	50 watts	Sea Island, B. C.....	G. C. Chandler
CNRV	500 watts	Vancouver, B. C.....	Canadian Nat'l R. R.

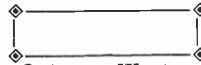
CHANNEL No. 58



1120 Kcys., 267.7 Meters

CFJC	15 watts	Kamloops, B. C.....	Dagleish & Weller
CFRC	500 watts	Kingston, Ont.....	Queen's University
CHGS	25 watts	Summerside, P. E. I.....	R. T. Holman, Ltd.
CJOC	50 watts	Lethbridge, Alta.....	Harold R. Carson
CKPR	50 watts	Midland, Ont.....	Midland Broadcasting Corp.

CHANNEL No. 67



1210 Kcys., 247.8 Meters

CFCO	50 watts	Chatham, Ont.....	Western Ontario "Better Radio" Club
CFNB	50 watts	Fredericton, N. B.....	James Neil & Sons, Ltd.
CHWK	5 watts	Chilliwack, B. C.....	Chilliwack Broadcasting Co., Ltd.
CKMC	15 watts	Cobalt, Ont.....	R. L. MacAdam
CKPC	50 watts	Preston, Ont.....	Wallace Rust

Short Wave Stations of the World

Latest Information

Changes in Wave Lengths and Call Letters frequently occur. Time is given as P. S. T. (Pacific Standard Time)

Call	Meters	Location	Call	Meters	Location
AFL	52	Bergeborg	GBL	17.5, 21.5, 24, 30, 56	Leaffield
AFJ	53.5	Konigswusterhausen	GBM		
AFU	39.7	Konigswusterhausen	GBO		
AGB	25.5, 26.6, 27	Nauen	GC	61	Paris
AGC	17.2, 26, 39.8, 40.2	Nauen	GFA	44	London
AGJ	56.7 (10 a. m. and 9 p. m.)	Nauen	GLH	22	Dorchester
AGK	11, 20	Nauen	GLQ	24.5	Ongar
AFK	67.65 (10 p. m.)	Doeberitz	GLS	15	Ongar
AIN	51	Casablanca	G2BR	15, 17	Chelmsford
ANC	26.2, 40.2	Tjilliln, Java	G2NM	32.5 (8-10 a. m. and 10-11 p. m.)	Caterham
AND	18.8, 28.8, 37.5	Tjilliln, Java	G2YT	25, 32, 60, 92, 94	Poldhu
ANE	17.4, 31.93	Bandoeng, Java	G5DH	21.7, 27.6, 35.3, 47	Dollis Hill
ANF	20.3, 36.5	Tjilliln, Java	G5SW	25.33 (5 and 11 a. m.)	Chelmsford
ANH	17.4, 27, 32 (4:00-9:00 a. m.)	Malabar, Java	HBC	34.2	Berne
ANK	19.4, 30.20	Malabar, Java	HJG	22	Bogota, Colombia
AYG	31.8	Guayra, Venezuela	HVA	32	Hanoi
BAM	40	Tahiti	HZA	25	Saigon
BVJ	46	Dartmouth	HB9OC	32 (7-8 a. m.)	Berne
BXY	35	Hongkong	ICC	18	Coltano
B82	40	Ucce, Belgium	ICD	63	Rome
CG	16.5, 32.2	Montreal	ICF	49	Messina
CH	15 and 20	Quillicura, Chile	ICJ	26, 53	Bengasi, Cyrenaica
CJRX	25.6 (3-7 p. m.)	Winnipeg	ICK	45	Tripoli
CRHA	18, 36	Lozenco Marques	ICO	54	Derna, Cyrenaica
CRHB	18	Praia, Cape Verde Is.	ICU	54	Tobruk, Cyrenaica
CRHC	18.1	Laonda, Angola	ICX	47	Massawa
CT1AA	45	Lisbon	IDO	33-37.5	Rome
CT3AG	47 (2-5 p.m.)	Funchal, Madeira Is.	IDX	32.5, 64	Amara, Erythrea
DHC	26.22 (3-10 p. m.)	Nauen	IHF	53.5	Catania, Italy
DJMK	32.5	Copenhagen	IST	38	Chisimalo, It. Somaliland
DOA	37, 67.65, 71.45, 82.9 (midnight-4 a. m.)	Doeberitz	IIAX	45	Rome
DGW	14.9, 12.25, 13.5, 14.25, 16, 26 (6:00 a. m.-1:00 p. m.)	Nauen	IIFC	33, 34	Rome
EAM	30.7 (9 a. m.)	Madrid	IIMA	43 (9 to noon Sun.)	Rome
EATH		Vienna	IRRG	10, 18, 35, 65	Lake Como
EAR	43	Madrid	JB	32	Johannesburg
EH9OC	32	Paris	JBK	30, 40.5, 70	Kagoshima, Japan
EH9XD	32, 85	Zurich	JES	24-71	Osaka, Japan
FL	32.5, 75 (Time Sig. 6:56 p. m. and 6:56 a. m.)	Paris (Eiffel Tower)	JEW	24-71	Osaka, Japan
FW	14.28, 23.25, 24.5, 25, 41.95, 43	St. Assise, France	JFAB	39.5 (1 a. m.)	Taipei, Formosa
FUA	42.5, 56, 73	Bizerta-Sidi-Abdullah, Tunis	JHBB	37.5	Ibarakiken, Japan
FUE	38.5	Mengam, France	JHL	32, 58, 74	Hiroshima, Japan
FUL	28, 80	Beyrouth	JKV	37.5	Kanasawa, Japan
FUM	37	Montebourg	JOC	43	Otchishi, Japan
FUT	36.5	Toulon	JPP	16-73	Tokio
F8AV	80	Nogent-sur-Seine	JPS	29, 38, 60	Sapporo
F8GA	30	Clichy	JYB	16-73	Tokio
F8GB	75	Paris	J1AA	40.5	Iwatsulki, Japan
F8GC	60	Paris	J1PP	20, 21.5, 35	Tokio
GBH	25.9	Grimsby	KAV	39, 68	Norddeich
			KDKA	26.3, 32.95, 43, 58.75, 62.5, 63.66 (3 p. m.)	East Pittsburgh, Pa.
			KIXR	30	Manila
			LCHO	33	Oslo
			LGN	31.25	Bergen
			LPI	34	Buenos Aires

Short Wave Stations of the World

Call	Meters	Location
LPZ	36.75	Buenos Aires
LP3	15.3	Monte Grande, Buenos Aires
LSG	15.2 (11 a. m.)	Buenos Aires
LY	32	Bordeaux
LL	60	Radio LL, France
NAA	24.9, 37.4, 74.7	Washington
NAJ	40, 76, 34	Great Lakes, Ill.
NBA	40	Pensacola, Fla.
NAS	54	Balboa, Canal Zone
NKF	80	Lakehurst, N. J.
NEL	16, 17, 20.8, 21.8, 25.5, 41.3, 54.4, 61, 71.3, 81.5	Bellevue
NPC	29, 37.4, 74.7	Arlington
NJL	37	Puget Sound, Wash.
NPO	16.49, 32.98	San Francisco
NPM	35 and 36.8	Honolulu
NPG	68, 70	Cavite, Philippine Is.
NPU	37-40, 53	Tutuila, Samoa
NQC	75, 86	San Diego, Calif.
NRG	39.5, 82	Winter Park, Fla.
OCBA	41.50	Ramako, Soudan
OCCO	33	Conakry, French W. Africa
OCDA	35	Dakar, French W. Africa
OCDB	72	Djibouti
OCDJ	33	Issy-les-Moulines
OCNG	29, 32, 45, 48, 72	Nogent-le-Rotrou
OCRE	36	Rabat, Morocco
OCRF	74	Reggu, Morocco
OCRU	39	Rufisque, French W. Africa
OCTN	20	Mourillon, Toulon
OCTU	48, 50	Tunis
OHK2	39.5, 40.6, 70	Vienna
PCA	33.33	Amsterdam
PCG	17	Malibar, Java
PCH	20, 21.27, 28.80, 29.22	Scheveningen
PCJ	31.3 (10-noon, 3-7 p. m.)	Hilversum
PCL	46, 32, 18 (10 p.m.)	Kootwijk, Holland
PCMM	25, 27, 36	Kootwijk, Holland
PCPP	27	Kootwijk, Holland
PCRR	20, 25, 37	Kootwijk, Holland
PCTT	21, 29.5	Kootwijk, Holland
PCUU	34	The Hague
PHO	16.88 (4-8 a. m.)	Huizen
PCK	16.83 (11 a. m.)	Kootwijk, Holland
PLE	15.74 (6-8 a. m.)	Bandoeng, Java
PLF	17 (6-8 a. m.)	Bandoeng, Java
PLG	18.8 (5-9 a. m.)	Bandoeng, Java
PLR	27.8 (8-11 a. m.)	Bandoeng, Java
PKD	32	Koepang
PKE	24	Amboina
PKH	23	Soerabaja
PKP	21.5, 31.5	Medan
POF	13.5, 18	Nauen
POX	20	Nauen
POY	25	Nauen
POZ	47	Nauen
PTT	24 (6 a. m.)	St. Assise, France
PTQ	30.5	Quartel-General, Brazil
PVC	15-20	Curacao
RA97	70 (2-7 a. m.)	Kharbarovsk
RAU	23, 34	Tashkent
RCRL	27, 28.5	Leningrad
RCT	64	Sebastopol
RDI	34.2	Petrozavodsk
RDW	83	Moscow
RFN	50 (midnight)	Moscow
RKV	21, 34	Moscow
RLT	23	Tommot
RRL	20-42	Nijni Novgorod
RTRL	22-42	Tiflis
SAA	44	Karlskrona
SAB	36.5	Goteberg

Call	Meters	Location
SAD	31, 51	Stockholm
SAJ	50	Carlesborg
SFR	75, 85	Paris
SMHA	41	Stockholm
SOK	37	Moskwa Sokoleniki
SPM	47	Helsingfors
SPR	22.18	Rio de Janeiro
SPW	29.3	Rio de Janeiro
SPX	40.5	Rio de Janeiro
SP1	17, 44, 47	Rio de Janeiro
SUT2	47	Abuzabal, Cairo
TFA	42.5, 49.5	Reykjavik, Iceland
TUK	20	Tomsk, Siberia
UOR2	49.40 (5 a. m.)	Vienna
VK2BL	32.5	Sydney
VK2FC	32.0	Sydney
VK2ME	28.50 (10-noon and 10 p.m.-1 a. m.)	Sydney
VK3LO	29.8, 32 or 36 (10-noon)	Melbourne
VK6AG	42	Perth
VK6WF	104	Perth
VK2XE	30.3	Sydney
W1XAO	40, 65, 60, 70	Belfast, Maine
W1XAB	63.79	Portland, Maine
WXAA	22.99 (3 p. m.)	Houlton, Maine
W2XAB	24	New York
W2XAC	(WGY)—50	Schenectady
W2XAD	19.56 (11-3 p. m.)	Schenectady
W2XAF	31.4, 32.7 (3 p. m.)	Schenectady
W2XAG	26.92	New York
W2XAI	43	Newark, N. J.
W2XAL	(WJZ)—30.91	New York
W2XAO	40, 56, 60, 70	Belfast, Maine
W2XAP	18.3, 36.6, 37.5	New York
W2XAW	3-20, 15	Schenectady
W2XBA	65.17 (3 p. m.)	Newark, N. J.
W2XE	49, 22.1 (3-9 p. m.)	Richmond Hills
W2XG	16.02 (9 a. m.)	Rocky Point, N. J.
W2XH	50	Schenectady
W2XI	30, 35, 38, 100	Schenectady
W28BH	54.2	Brooklyn, N. Y.
W2XK	65.5	Schenectady
W2XL	60	Bound Brook, N. J.
W2XO	21.96 (11 a. m.)	Schenectady
W2XQ	37.95, 75.9	Mountain Lake, N. J.
W2XK	18.3, 36.6, 37.5	San Juan, Porto Rico
W2XO	21.6	Schenectady
W6XN	23.35 (2-8 a.m. Wed., 5:30-9 p.m. Tues., Th., Fri.)	Oakland (KGO)
W8XJ	54	Columbus, Ohio
W8XK	(KDKA)—25.4	E. Pittsburgh
W8XAL	(WLW)—52.05	Cincinnati
W9XF	(WENR)—49.83, 25.42	Chicago
W9XU	61	Council Bluffs, Iowa
WCFL	37.24	Chicago
WIZ	42.35	New Brunswick
WJZ	18.17	Bound Brook, N. J.
WOWO	22.80 (3 p. m.)	Fort Wayne, Ind.
WRNY	30.91 (11 a. m.-9 p. m.)	Coytesville, N. J.
XC	44	San Lazaro, Mexico
XC51	44	Mexico City
XDA	34 (9 p. m.)	Mexico City
XFA	14.42	Mexico City
YR	40.2	Lyons
ZWT	53	Bremerhaven
7LO	31 (8-11 a. m.)	Nairobi
3LO	31.55	Melbourne, Australia
8XR	80	Constantine, Tunis
8BP	47 (6-8 a. m.)	Ruggies, France
7RL	84.25	Copenhagen
Radio Electra	60 (9 a.m.-2 p.m.)	Prague

Foreign Stations

(250 Watts and Up)

LATEST INFORMATION

Changes in Wave-Lengths and Call Letters frequently occur.

Location	Call	Meters	Power	Location	Call	Meters	Power
ARGENTINA				Lahti	—	1502	2000
Azul	E4	340	350	Tammerfors	—	400	250
Buenos Aires	LR1	380	500	Uleaborg	—	214.3	600
Buenos Aires	LR2	344.8	3000	Viborg	—	284.7	...
Buenos Aires	LR3	315.9	1000	FRANCE			
Buenos Aires	LR4	303	2000	Biarritz	—	228.4	1500
Buenos Aires	LR5	361.8	2000	Bordeaux	—	238	1500
Buenos Aires	LR6	330	1000	Bordeaux	—	300	1500
Buenos Aires	LR7	400	1250	Bordeaux	—	419	1500
Buenos Aires	LR8	261	1500	Grenoble	—	428.3	1000
Buenos Aires	LR9	291.2	2000	Lille	—	250	500
Buenos Aires	LS1	425	5000	Lyon	YN	480	1000
Buenos Aires	LS2	252	1000	Lyon	—	468	5000
Buenos Aires	LS3	236	1000	Lyon	YR	290	5000
Buenos Aires	LS4	270.4	1000	Marseilles	—	300	1000
Buenos Aires	LS5	280.5	1000	Mont de Marsan	—	400	1500
Buenos Aires	LS6	210	1000	Nimes	—	239	1000
Buenos Aires	LS7	222	1000	Paris	—	458	1000
Concordia	J2	225.8	400	Paris	F8GC	350	500
La Plata	LT2	438	1000	Paris	—	340.9	500
Mendoza	LT4	394.7	500	Paris	—	309.1	2000
Rafaela	G4	233.1	560	Paris	FL	1477	12000
Rosario	LT3	275	1500	Paris	CFR	1749	12000
Tucuman	K4	312.5	250	Rennes	—	253.3	1500
Venado Tuerto	G5	357	250	Strasbourg	—	268.8	500
AUSTRIA				Toulouse	MRD	256.2	1000
Graz	—	354.2	500	Toulouse	—	307	5000
Innsbruck	—	455.9	500	Toulouse	—	382.5	3000
Klagenfurt	—	455.9	500	GERMANY			
Linz	—	254.2	500	Aix-La-Chapelle	—	456.3	700
Vienna	ORV	519.9	15000	Augsburg	—	361.6	700
BELGIUM				Berlin	—	1649	20000
Brussels	BAV	508.5	1500	Berlin	—	475.4	4000
Brussels	—	511.9	1000	Berlin	AFT	2900	8000
BRAZIL				Berlin	—	418	800
Pernambuco	—	310	300	Berlin	—	283.4	700
Rio de Janeiro	SQAA	400	2000	Bremen	—	339	700
Rio de Janeiro	SQAB	310	500	Bremen	—	330.9	700
Rio de Janeiro	SQAJ	260	500	Breslau	—	320.1	4000
Sao Paulo	PRAE	360	1000	Dortmund	—	283	700
Sao Paulo	PRAO	225.4	1000	Cologne	—	263.4	4000
CANAL ZONE				Dresden	—	319	700
Balboa	—	352	1000	Cassel	—	250.5	700
CEYLON				Elberfeld	—	468.8	750
Colombo	—	800	1500	Frankfort-on-Main	—	421.3	4000
CHILE				Freiburg	—	576.8	750
Concepcion	CMAI	345	1500	Flensburg	—	219.1	1000
Santiago	CMAD	320	1000	Gleiwitz	—	328.8	6000
CZECHOSLOVAKIA				Hamburg	—	391.6	4000
Bratislava	OKR	300	500	Hanover	—	566	700
Brunn	OKB	425.5	2400	Kaiserlautern	—	273.2	700
Kosice	OKK	263	2000	Kassel	—	246	700
Prague	OKP	348.9	5000	Kiel	—	249.8	700
DANZIG				Koenigsberg	—	280.7	4000
Danzig	—	455.1	700	Langenberg	—	473	8000
DENMARK				Langenberg	—	462.2	15000
Copenhagen	—	281	500	Leipzig	—	269	4000
Copenhagen	—	339.8	1000	Leipzig	—	362.1	4000
Kalundborg	—	1158	7500	Magdeburg	—	283.4	700
Ryvang	—	1160	1000	Muenster	—	234	1500
ESTHONIA				Muenster	—	250.1	700
Tallinn	—	408.5	1300	Munich	—	537.9	4000
FINLAND				Nurnberg	—	240.1	4000
Bjorneborg	—	304	700	Stettin	—	283.4	700
Helsingfors	—	500	1000	Stuttgart	—	360	4000
Helsingfors	—	375.3	2000	Stuttgart	—	374.1	4000
GUATEMALA				Zeeseen	—	1651.9	20000
GUATEMALA				Guatemala	—	310	1000

Foreign Stations—Continued

Location	Call	Meters	Power	Location	Call	Meters	Power
Port au Prince	HAITI ...HHK	361.2	1000	Seville	EAJ5	400	500
	HOLLAND			Seville	EAJ17	434.8	3000
Hilversum	—	1076.8	5000	San Sebastian	EAJ8	434.8	3000
Huizen	—	1846	6500	Salamanca	EAJ22	275.2	500
Huizen	—	336	6500	Zaragoza	—	566	1500
Scheveningen Haven	—	1847.3	2500		SWEDEN		
	HUNGARY			Bođen	—	1200	2000
Budapest	MTI	550	2000	Boras	SMYB	230.8	250
Budapest	—	547.6	20000	Falun	SMZK	322.3	500
	ICELAND			Goteborg	SBB	346.4	10000
Revkjavik	—	333.3	500	Horby	—	260.9	10000
	INDIA			Jonkopkings	SMZD	201.3	250
Bombay	2FV	387	100	Karlstadt	SMXG	220.6	250
Bombay	7BY	357.1	3000	Kiruna	SMTG	238.1	400
Calcutta	7CA	370.4	3000	Kristinehamn	SMTJ	202.7	250
	IRISH FREE STATE			Malmberget	SMXO	400	250
Cork	6CK	222.4	1000	Malmo	SASC	231	600
Dublin	2RN	410.8	1000	Motala	SABG	1347	20000
	ITALY			Norrkoping	SMVV	275.2	250
Milan	IMI	503.6	7000	Ostersund	SASF	770	1000
Genoa	IGE	386.5	1200	Saffle	SMTS	252.1	400
Naples	INA	333.6	1000	Stockholm	SASA	437.7	1500
Rome	IRO	442.3	3000	Sundsvall	SASD	545.5	600
Turin	—	277.6	7000	Trolhattan	SMXQ	270.8	400
	JUGO-SLAVIA			Uddevalla	SMZP	294.1	500
Ljubljana	—	582.1	2500	Varberg	SMZO	297	300
Laibach	—	570	2500		SWITZERLAND		
Belgrade	—	458.5	2000	Vasle	HB3	1010	300
	LATVIA			Berne	—	406.9	1300
Riga	KCX	529.4	2000	Zurich	—	459	1500
	LITHUANIA				TURKEY		
Kovno	—	2000	7000	Constantinople	—	1200	6000
	LUXEMBURG				UNION OF SOUTH AFRICA		
Luxemburg	LOAA	234	250	Cape Town	—	372	1200
	MOROCCO			Durban	—	398	1200
Rabat	—	412.1	10000	Johannesburg	JB	433.5	900
	NORWAY				UNITED KINGDOM		
Bergen	—	366.1	1000	Aberdeen	2BD	311.2	1000
Oslo	—	496.3	1000	Belfast	2BE	302.7	1000
Porsgrund	—	405	1000	Birmingham	5RT	326.1	1000
Porsgrund	—	459.5	700	Bournemouth	5BM	288.5	1000
Stavanger	—	277.6	1500	Cardiff	5WA	323.2	1000
Trondhjem	—	244.8	1000	Daventry	5GB	482.3	25000
	PERU			Daventry	5XX	1566.5	25000
Lima	OAX	380	1500	Edinburgh	2EH	288.5	330
	POLAND			Glasgow	5SC	401.1	1000
Katowice	—	416.1	10000	London	3LO	358	2000
Krakow	—	314.3	1300	Manchester	2ZY	378.3	1000
Posnan	—	336	1500	Newcastle	5NO	243.9	1000
Rjukan	—	241.8	1000		URUGUAY		
Warsaw	—	212	8000	Montevideo	CWOA	428.4	1000
Warsaw	—	1397.3	8000	Montevideo	CWOR	350	500
	PORTUGAL			Montevideo	CWOS	380	500
Lisbon	POEEA	310	500	Montevideo	CWOW	500	500
	SALVADOR				U. S. S. R. (RUSSIA)		
Salvador	AQM	482	500	Dneipropetrovsk	RA30	525	1000
	SPAIN			Kharkov	RA43	477	4000
Almeria	—	320	1000	Kharkov	—	1697.8	15000
Barcelona	EAJ1	350.5	3500	Koursk	RA34	575	1000
Barcelona	EAJ13	277.6	3000	Kiev	—	775	1200
Bilbao	EAJ9	434.8	500	Krasnodar	RA38	513	1000
Bilbao	EAJ11	294.1	500	Nijninogorod	—	841	1800
Cadiz	EAJ3	297	500	Leningrad	—	1002.3	20000
Cartagena	EAJ16	277.8	500	Minsk	RA18	940	4000
Madrid	EAJ2	420	3000	Moscow	RA12	450	4000
Madrid	EAJ4	297	1000	Novosibirsk	RA	1165	4000
Madrid	EAJ6	500	1000	Moscow	RA4	603	300
Madrid	EAJ7	375	1500	Moscow	RA1	1446.4	40000
Oviedo	EAJ19	272.7	1000	Rostov-Don	—	1073	4000
				Stavropol	RA20	550	1200
				Tiflis	—	870	4000
				Vladivostok	RA17	480	1500
					VENEZUELA		
				Caracas	AYRE	375	1000

Mexican Stations

Call	Location	Meters	Power	Log	Remarks
XEB	Mexico City	405	1000		
XEN	Mexico City	410	1000		
XEO	Mexico City	325	500		
XEX	Mexico City	355	500		
XFC	Mexico City	366	500		
XFI	Mexico City	425	1000		
XFX	Mexico City	342	1000		

Directory of Southern California Stations

Call	Kcy.	Power	Location	Owner	Telephone
KECA	1430	1000	Los Angeles	Earle C. Anthony, Inc.	TRinity 3202
KEJK	710	500	Beverly Hills	R. S. Macmillan	CRestview 3101
KELW	780	500	Burbank	Earl L. White	Burbank 1601
KFI	640	5000	Los Angeles	Earle C. Anthony, Inc.	WEstmore 0331
KFOX	1250	1000	Long Beach	Nichols & Warinner, Inc.	Phone 672-81
KFQZ	860	250	Hollywood	Taft Broadcasting Corp.	WEstmore 3001
KFSD	600	1000	San Diego	Airfan Radio Corp.	Franklin 6353
KFSG	1120	500	Los Angeles	Echo Park Evangelical Assn.	EXposition 1141
KFVD	1000	250	Culver City	Auburn-Fuller Co.	EMpire 1171
KFWB	950	1000	Hollywood	Warner Bros. Pictures, Inc.	HOLlywood 0315
KFXM	1210	100	San Bernardino	J. C. and E. W. Lee	2156
KGB	1330	250	San Diego	Pickwick Broadcasting Corp.	Franklin 6151
KGEF	1300	1000	Los Angeles	Trinity Methodist Church	WEstmore 8887
KGER	1360	100	Long Beach	C. Merwin Dobyns	Phone 632-75
KGFJ	1200	100	Los Angeles	Ben S. McGlashan	WEstmore 4620
KHJ	900	1000	Los Angeles	Don Lee, Inc.	VAndike 7111
KMIC	1120	500	Inglewood	Dalton's, Inc.	THornwall 1121
KMTR	570	500	Hollywood	KMTR Radio Corp.	HOLlywood 3026
KNX	1050	5000	Hollywood	Western Broadcast Co.	HEmpstead 4101
KPPC	1210	50	Pasadena	Pasadena Presbyterian Church	Terrace 1163
KPSN	1360	1000	Pasadena	Pasadena Star-News Pub. Co.	Wakefield 3111
KTBI	1300	500	Los Angeles	Bible Institute of L. A.	MEtropolitan 6701
KTM	780	1000	Santa Monica	Pickwick Broadcasting Corp.	EXposition 1314
KXO	1200	100	El Centro	E. R. Ireys and F. M. Bowles	Phone 1100

Radio Doings

The Guide Book for the Radio Fan

CONTAINS

Latest Radio News—Pictures of Artists—Stories of the Studios—
 Latest Developments in Radio—Your Radio Problems and Questions Answered—Latest Station Changes—last but not least—the detail programs of all the large Pacific Coast Stations.

World Time Chart

DX fans are often puzzled by the time difference throughout the world, and have difficulty in computing the time at distant points with respect to the local time. Particularly is this true in the short-wave field, where foreign DX reception is not only possible, but a regular occurrence. For instance, when the Pacific network gave us the London rebroadcast recently, no doubt many listeners were puzzled to know the

should hear Manila on short waves at 6 a. m., you will know that it is 10 p. m. there. In order to determine whether it is the same day, or the preceding or following day, follow this rule: Crossing from dark to light area at midnight, indicates the following day. Crossing from light to dark area, indicates preceding day. As an example, 4 a. m. here is 9 p. m. in Tokio of the preceding day.

WORLD TIME CHART

Sweden Garmory Svealand Hetz	Petragrad Cen- stantinople Capestan	Bagdad Persia	India	Bermon Java Dutch E. I.	P. I. China Western Australia	Tokio Central Australia	Sidney Mid- burm Eastern Australia	Auckland New Zealand	Samoa	Hawaiian Islands	Pacific	Mountain	Central	New York- Wash- ington E. S. T.	Hallifax Bermus Azores	Rio de Janeiro Brazil	London Paris Madrid	G. M. T. C. C. T.	
1.00	2.00	3.00	5.00	6.00	8.00	9.00	10.00	11.30	Noon	1.30	4.00	5.00	6.00	7.00	8.00	9.00	Midnight	0000	
2.00	3.00	4.00	6.00	7.00	9.00	10.00	11.00	12.30	1.00	2.30	5.00	6.00	7.00	8.00	9.00	10.00	1.00	0100	
3.00	4.00	5.00	7.00	8.00	10.00	11.00	Noon	Noon	1.30	2.00	3.30	6.00	7.00	8.00	9.00	10.00	11.00	2.00	0200
4.00	5.00	6.00	8.00	9.00	11.00	Noon	1.00	2.30	3.00	4.30	7.00	8.00	9.00	10.00	11.00	Midnight	3.00	0300	
5.00	6.00	7.00	9.00	10.00	Noon	1.00	2.00	3.30	4.00	5.30	8.00	9.00	10.00	11.00	Midnight	1.00	4.00	0400	
6.00	7.00	8.00	10.00	11.00	1.00	2.00	3.00	4.30	5.00	6.30	9.00	10.00	11.00	Midnight	1.00	2.00	5.00	0500	
7.00	8.00	9.00	11.00	Noon	2.00	3.00	4.00	5.30	6.00	7.30	10.00	11.00	Midnight	1.00	2.00	3.00	6.00	0600	
8.00	9.00	10.00	Noon	1.00	3.00	4.00	5.00	6.30	7.00	8.30	11.00	Midnight	1.00	2.00	3.00	4.00	7.00	0700	
9.00	10.00	11.00	1.00	2.00	4.00	5.00	6.00	7.30	8.00	9.30	Midnight	1.00	2.00	3.00	4.00	5.00	8.00	0800	
10.00	11.00	Noon	2.00	3.00	5.00	6.00	7.00	8.30	9.00	10.30	1.00	2.00	3.00	4.00	5.00	6.00	9.00	0900	
11.00	Noon	1.00	3.00	4.00	6.00	7.00	8.00	9.30	10.00	11.30	2.00	3.00	4.00	5.00	6.00	7.00	10.00	1000	
Noon	1.00	2.00	4.00	5.00	7.00	8.00	9.00	10.30	11.00	12.30	3.00	4.00	5.00	6.00	7.00	8.00	11.00	1100	
1.00	2.00	3.00	5.00	6.00	8.00	9.00	10.00	11.30	Midnight	1.30	4.00	5.00	6.00	7.00	8.00	9.00	Noon	1200	
2.00	3.00	4.00	6.00	7.00	9.00	10.00	11.00	12.30	1.00	2.30	5.00	6.00	7.00	8.00	9.00	10.00	1.00	1300	
3.00	4.00	5.00	7.00	8.00	10.00	11.00	Midnight	1.30	2.00	3.30	6.00	7.00	8.00	9.00	10.00	11.00	2.00	1400	
4.00	5.00	6.00	8.00	9.00	11.00	Midnight	1.00	2.30	3.00	4.30	7.00	8.00	9.00	10.00	11.00	Noon	3.00	1500	
5.00	6.00	7.00	9.00	10.00	Midnight	1.00	2.00	3.30	4.00	5.30	8.00	9.00	10.00	11.00	Noon	1.00	4.00	1600	
6.00	7.00	8.00	10.00	11.00	1.00	2.00	3.00	4.30	5.00	6.30	9.00	10.00	11.00	Noon	1.00	2.00	5.00	1700	
7.00	8.00	9.00	11.00	Midnight	2.00	3.00	4.00	5.30	6.00	7.30	10.00	11.00	Noon	1.00	2.00	3.00	6.00	1800	
8.00	9.00	10.00	Midnight	1.00	3.00	4.00	5.00	6.30	7.00	8.30	11.00	Noon	1.00	2.00	3.00	4.00	7.00	1900	
9.00	10.00	11.00	1.00	2.00	4.00	5.00	6.00	7.30	8.00	9.30	Noon	1.00	2.00	3.00	4.00	5.00	8.00	2000	
10.00	11.00	Midnight	2.00	3.00	5.00	6.00	7.00	8.30	9.00	10.30	1.00	2.00	3.00	4.00	5.00	6.00	9.00	2100	
11.00	Midnight	1.00	3.00	4.00	6.00	7.00	8.00	9.30	10.00	11.30	2.00	3.00	4.00	5.00	6.00	7.00	10.00	2200	
Midnight	1.00	2.00	4.00	5.00	7.00	8.00	9.00	10.30	11.00	12.30	3.00	4.00	5.00	6.00	7.00	8.00	11.00	2300	

hour in London corresponding to 2 a. m. Pacific time. The accompanying World Time Chart, reprinted from the Hammarlund Short Wave Manual,* answers all questions concerning world time.

The local time, under the "Pacific" heading, corresponds to the time indicated on the same horizontal line in any other part of the world. It is seen that 2 a. m. here is 10 a. m. in London, 9:30 p. m. in New Zealand, 8 p. m. in Sydney, 7 p. m. in Japan, etc. If you

The column on the extreme right gives the Greenwich Mean Time, which is considered the standard throughout the world, and from which all other times are computed. Anything which is international in nature is usually dealt with in Greenwich Time. For example, W2XAD, at Schenectady, may announce that a certain program will begin at 2300 GMT, which the chart tells us is 6 p. m., Eastern standard time, or 3 p. m., on the Pacific.

*Courtesy of Hammarlund Mfg. Co., New York.

Stations Associated With National Broadcasting Co. System

Call	Location	Freq.	Pwr.	Chnl.	Call	Location	Freq.	Pwr.	Chnl.
KDCA..	Pittsburgh	980	50000	44	WFJC..	Akron	1450	500	91
KECA..	Los Angeles	1430	1000	89	WGN...	Chicago	720	25000	18
KFAB..	Lincoln	770	5000	23	WGR...	Buffalo	550	1000	1
KFI...	Los Angeles	640	5000	10	WGY...	Schenectady	790	50000	25
KFKX..	Chicago	1020	5000	48	WHAM..	Rochester	1150	5000	61
KGO...	San Francisco	790	7500	25	WHAS..	Louisville	820	10000	28
KGW...	Portland	620	1000	8	WHO...	Des Moines	1000	5000	46
KHQ...	Spokane	590	2000	5	WIBO..	Chicago	560	1500	2
KOA...	Denver	830	12500	29	WIOD..	Miami Beach	1300	1000	76
KOMO..	Seattle	970	15000	43	WJAR..	Providence	890	400	35
KPO...	San Francisco	680	5000	14	WJAX..	Jacksonville	1260	1000	72
KPRC..	Houston	920	2500	38	WJDX..	Jackson	1270	500	73
KSD...	St. Louis	550	500	1	WJR...	Detroit	750	5000	21
KSL...	Salt Lake City	1130	5000	59	WJZ...	New York	760	30000	22
KSTP..	St. Paul	1460	10000	92	WKY...	Oklahoma	900	1000	36
KTHS..	Hot Springs	1040	10000	50	WLIT..	Chicago	560	500	2
KVOO..	Tulsa	1140	5000	60	WLS...	Philadelphia	870	5000	33
KWK...	St. Louis	1350	1000	81	WLIB..	Chicago	720	25000	18
KYW...	Chicago	1020	5000	48	WLW...	Cincinnati	700	50000	17
WAPI..	Birmingham	1140	5000	60	WMC...	Memphis	780	1000	24
WBAL..	Baltimore	1060	10000	52	WQAI..	San Antonio	1190	50000	95
WBAP..	Fort Worth	800	50000	26	WCC...	Davenport	1000	5000	46
WBT...	Charlotte	1080	5000	64	WOW...	Omaha	590	1000	5
WBZ...	Springfield	990	15000	45	WPTF..	Raleigh	680	1000	14
WBZA..	Boston	990	500	45	WRC...	Washington	350	500	41
WCAE..	Pittsburgh	1220	500	68	WREN..	Kansas City	1220	1000	68
WCFB..	Chicago	970	1500	43	WREA..	Richmond	1110	5000	57
WCKY..	Covington	1480	5000	94	WSAI..	Cincinnati	1330	500	79
WCSH..	Portland	940	500	40	WSB...	Atlanta	740	5000	20
WDAF..	Kansas City	610	1000	7	WSM...	Nashville	650	5000	11
WEAF..	New York	660	50000	12	WSMB..	New Orleans	1320	500	78
WEAR..	Cleveland	1070	1000	53	WTAG..	Worcester	580	250	4
WEBC..	Duluth	1280	1000	74	WTAM..	Cleveland	1070	50000	53
WENR..	Chicago	870	50000	33	WTIC..	Hartford	1060	25000	52
WEEL..	Boston	590	1000	5	WTMJ..	Milwaukee	620	1000	8
WFAA..	Dallas	800	50000	26	WWJ...	Detroit	920	1000	38
WFI...	Philadelphia	560	500	2					

Stations Associated With Columbia Broadcasting Co. System

Call	Location	Freq.	Pwr.	Chnl.	Call	Location	Freq.	Pwr.	Chnl.
CFRB..	Toronto	960	4000	42	WDOB..	Chattanooga	1280	1000	74
CKAC..	Montreal	730	5000	19	WDSU..	New Orleans	1270	1000	73
KDYL..	Toronto	960	5000	42	WEAN..	Providence	780	250	24
KDYL..	Salt Lake City	1290	1000	75	WFAN..	Philadelphia	610	500	7
KFJF..	Oklahoma City	1470	5000	93	WFBL..	Syracuse	900	750	36
KFHY..	Wichita	1300	1000	76	WFBM..	Indianapolis	1320	1000	78
KFPY..	Spokane	1340	500	80	WGHP..	Detroit	1240	750	70
KFRG..	San Francisco	610	1000	7	WHEC..	Rochester	1440	500	90
KHJ...	Los Angeles	900	1000	36	WHK...	Cleveland	1390	1000	85
KLRA..	Little Rock	1390	1000	85	WHP...	Harrisburg	1430	500	89
KLZ...	Denver	560	1000	2	WIBW..	Topeka	1300	1000	76
KMBC..	Kansas City	950	1000	41	WISN..	Milwaukee	1120	250	58
KMOX..	St. Louis	1070	5000	55	WJAS..	Pittsburgh	1290	1000	75
KOIL..	Omaha	1260	1000	72	WKBN..	Youngstown	570	500	3
KOIN..	Portland	940	1000	40	WKBW..	Buffalo	1470	5000	93
KRLD..	Dallas	1040	10000	50	WKRC..	Cincinnati	550	500	1
KSCJ..	Sioux City	1330	1000	79	WLAC..	Nashville	1490	5000	95
KTSA..	San Antonio	1290	1000	75	WLWB..	Oil City	1260	500	72
KVI...	Seattle	620	1000	38	WMAL..	Washington	630	250	9
WABC..	New York City	860	5000	32	WMAK..	Buffalo	900	750	36
WADC..	Akron	1320	1000	78	WMAQ..	Chicago	670	5000	13
WAU...	Columbus	640	500	10	WNAC..	Boston	1230	1000	69
WBBM..	Chicago	770	25000	23	WOWO..	Fort Wayne	1160	1000	62
WBRG..	Birmingham	930	500	39	WREC..	Memphis	600	500	6
WCAH..	Columbus	1430	500	89	WRHM..	Minneapolis	1250	1000	71
WCAO..	Baltimore	600	250	6	WSPD..	Toledo	1340	500	80
WCCO..	Minneapolis	810	10000	27	WTAR..	Norfolk	780	500	24
WCAU..	Philadelphia	1170	10000	63	WWNC..	Asheville	570	1000	3
WDBJ..	Roanoke	930	250	39					

“DX” Reception

(Continued from Page 34)

a very large aerial should be used. But here again we find that another factor is affected by antenna size, namely, selectivity. Enlarging the antenna broadens the tuning and destroys the selectivity of the set. We must compromise by putting up as much wire as we can without making the local stations spread too much on the dial. Having a good “pick-up” on distant stations will avail us nothing if the nearby local station blankets them.

The size (length) of antenna will be determined by the proximity of the nearest station or stations and the inherent characteristics of the set. If the antenna is too small, there will not be enough energy picked up from the distant stations to give an audible signal. If the antenna is too large, the nearest stations will spread too much

on the dial, thereby blanketing the channels where the DX stations are operating. The dealer’s service man who makes the installation should know the set and the location sufficiently well to determine the proper antenna length without experimenting. The third effect of the antenna upon reception is its “pick-up” ability with respect to “noise” or electrical interference.

Electrical Interference

Often the noise level is so high that the majority of distant stations are submerged beneath it and cannot be received. In many cases this condition can be remedied by altering the antenna. Assuming a location in which there is considerable electrical interference being picked up by the antenna,—in fact, so much that it drowns out most of the distant stations, it is logi-

Screen Grid - Power Detector

Mission Bell Radio

Walnut Consoles \$89.50 to \$117.50

Real Dynamic Speaker

New Type Table Model \$79.50

**PERFORMANCE WITHOUT COMPARISON AT OR
NEAR THE PRICE**

Ask The Dealer To Prove It

MISSION BELL RADIO MFG. & DISTR. CO.

Phone BEacon 1669

2117 W. Pico, Los Angeles

cal that the portion of the antenna which is near and parallel to the house wiring, conduit, power lines, metal lath, and other bodies which are carrying or radiating the interference, is picking up more noise than radio signal, while usually the high and outdoor portion of the antenna is picking up more radio signal than noise.

It becomes obvious that if we were to shield the lower portion of the antenna and prevent it from picking up either noise or signal, leaving only the upper portion exposed, that the result would be more signal and less noise. This has proven satisfactory in many cases, though it has its disadvantages also. It is accomplished by using lead-covered wire from the set to a point well out of and above the house, where the aerial wire proper begins. This exposed wire should then be at right angles to all power circuits, telephone lines, trolley lines and feeders, etc. In fact, for the ideal condition it should be vertical, and not horizontal. The lead sheath on the lead-in is then grounded to the water pipe. The ground wire to a good buried ground connection may likewise be shielded, the lead sheath being grounded to a water pipe and not to the radio ground.

The disadvantage of this system is that the shielded lead-in has considerable capacity between aerial and ground and some of the received energy thus takes this path rather than through the radio receiver. To compensate for this loss, a larger antenna must be used than is normally required. Electrical interference is usually directional, and hence improvement may often be made by changing the direction of an

aerial where the horizontal type is used. When electrical interference is so bad that it interferes with local reception, it should be reported to your dealer and to the nearest Radio Trades Association.

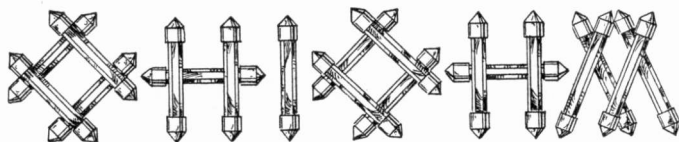
Tuning and Patience

There is a certain knack in DX tuning, as in all things. Some DX stations may be stumbled on accidentally, due to their strong volume, but in most cases one must patiently search for them. Due to fading, and to the fact that conditions vary greatly from day to day, a fan may try for a certain station night after night without success, and then some night the station will come in strong and clear, only to again fade into oblivion. It is this uncertainty that makes DX reception so fascinating. William MacDonald of Chula Vista, the DX champion of the world, has many stations in his verified files which he has heard but once in all of his years of patient tuning. He is content to listen for hours to a faint carrier in the same channel night after night for a month if necessary until he finally hears the call. Most of us have neither the patience nor the time to do this, but it exemplifies the spirit which piles up fat DX logs.

There are little tricks which one learns from experience. For example, many Eastern stations operating in the same channels with locals during the evening can be received in the early morning hours before the locals start broadcasting, due to the difference in time. When the locals shut down for an SOS at sea, the DX fans have a wonderful time, logging stations they never heard before. It's a great game!

Subscribe to Radio Doings, the weekly radio authority of the Pacific Coast. It will add to your radio enjoyment. Use Coupon on Page 62.

**"OHIOHM" — A Product of the Ohio Carbon Co. of Cleveland
For All GRID LEAK and PLATE COUPLING WORK USE**



- CARBON RESISTORS -

W. B. KNIGHT, Los Angeles Representative

1354 South Hill St.

WESTmore 6498



There is Only One POSITIVE GROUND

—One you can keep moist at all times—that's a

D. J. RADIO GROUND

At All Good Radio Dealers. Insist on a D. J. Ground

New Price \$3.75

B. J. De JARNETT, 4161 Mandalay Drive

Los Angeles, Calif.

CHicago 8243

Get into Radio!

*A Field That Offers More Opportunities
Than Any Other Field Known!*

**The Radio Industry NEEDS Trained Men
DAY AND EVENING CLASSES**

Phone, Call or Write for Detailed Information

TERMS—EMPLOYMENT SERVICE

RADIO COLLEGE OF CALIFORNIA

Branch School

921 W. 6th St.

**415 N. Sycamore St.
Santa Ana**

Vandike 0902

**Radio College of California
921 West Sixth Street
Los Angeles, California.**

Please Send Me At Once Without Obligation FREE Literature.

Name.....

Address.....

R. D.

1930 Call Book

Published by

Radio Doings

For eight years the recognized source and distributing center of Western radio programs and worldwide station information. Publishers of CALL BOOKS that successfully meet the needs of Western listeners.

INDEX

	Page
Easy Tuning Chart - - - - -	4-5
The 96 Channels of America Stations - - - - -	7-39
"DX" Reception—by K. G. Ormiston - - - - -	8
Standard Straight Line Distance Table - - - - -	40-41
American Stations Alphabetically - - - - -	45-64
Convenient Log of Western Stations - - - - -	65
Geographical List of American Stations - - - - -	66-67
Transpacific Broadcasters - - - - -	68
Alaska, Cuba, Hawaii, Porto Rico - - - - -	69
Canadian Stations—Complete - - - - -	70-71
Short Wave Stations of the World - - - - -	72-73
Stations in Europe, Asia, Africa, South America - - - - -	74-75
Mexican Stations - - - - -	76
Directory of Southern California Stations - - - - -	76
World Time Chart - - - - -	77
Stations Associated with NBC - - - - -	78
Stations of Columbia Broadcasting System - - - - -	78

Entire contents protected by U. S. copyright, 1930.
Permission must be obtained for any part reprinted.

WESTERN LISTENERS APPRECIATE SUCH A RADIO CONVENIENCE

For only \$3.00 you can have RADIO DOINGS in your home each week for a year. It is an authoritative and interesting guide to programs and stations. Pin your check to this coupon and mail it in.

Name.....

Address.....

City and State.....

407 E. Pico St.

RADIO DOINGS

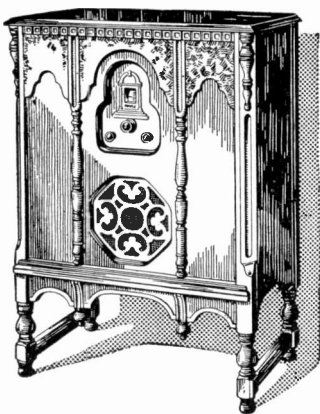
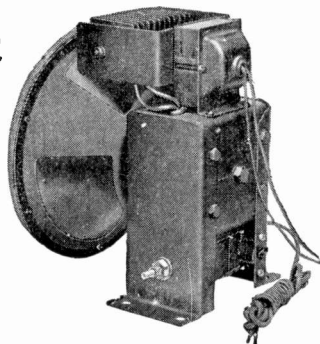
Los Angeles



TEMPLE
 TEMPLETONE  *Radio*



**Only Temple
 has this
 Speaker**



- 8-60 \$187
- 8-80 \$207
- Combination \$317

*Prices Complete with
 Tubes*

*All Screen Grid
 Models*

It is Temple's own speaker—exclusive with the set that's known as "the Switchboard of a Nation."

In the quality of the speaker lies the ultimate answer to your hopes. *We built the Temple Speaker first—we created Templetone before we ever lifted a finger to solve the simpler problems of radio.*

Then, when the great 14-inch Temple electro-dynamic speaker was proved an unqualified success, tried by every conceivable test of laboratory, shop and home—we built the Temple receiver to match the speaker.

When you hear it, you'll hear radio of a year ahead. Until you hear it, you are missing the greatest thing in radio today.

WARNING: *Don't buy a radio until you've heard Templetone*

Exclusive Southern California and Arizona Distributor



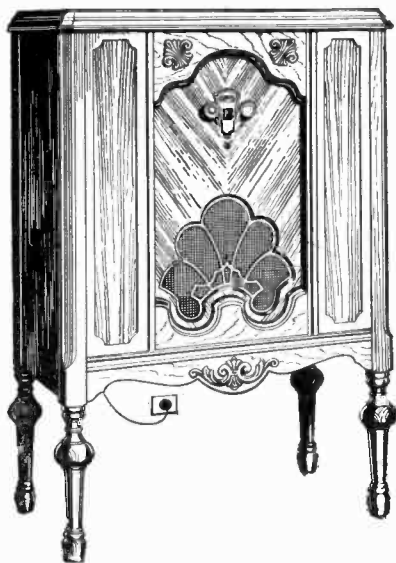
HERBERT H. HORN

1629 S. Hill St. WE. 0121 Los Angeles



APEX

A DOMINANT RADIO VALUE



Model 11

Outstanding performance, brilliant in tone. Your choice of Super Screen Grid or Hi Gain Neutrodyne circuits.

Judge Apex side by side with Radio set, selling at \$50 to \$75 more.

Offered to you in a wide choice of beautiful console models, all equipped with the latest type, full tone color electro-dynamic speakers.



Model 14

Exclusive Wholesale Distributor

Yale Radio Electric Co.

1111 Wall Street, Los Angeles

WEStmore 3351