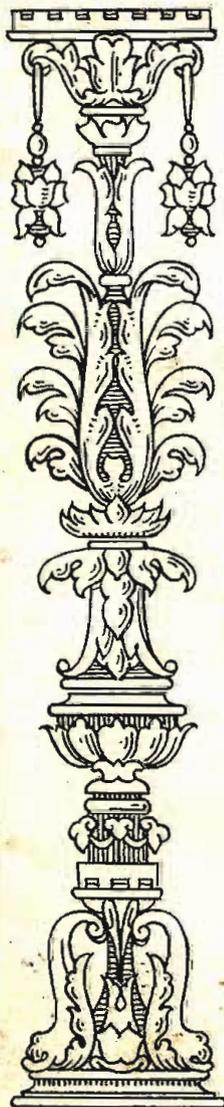


Stevenson's RADIO BULLETIN



EUGENE O. SYKES,
Acting Chairman, Federal Radio Commission
"We have tried to improve reception"



IN THIS ISSUE

Revised Broadcasting Log.

New List of Stations, Effective November 11.

List of Short Wave Broadcasting Stations.

FALL-WINTER

PRICE, 25 CENTS

Stevenson's RADIO BULLETIN

Volume 5

NOVEMBER, 1928

Number 3

NOTICE

The wave-length assignments to stations in the following log become effective

November 11th, 1928

The log is corrected up to and including October 24, 1928.

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Special Announcement

What do you like in the way of a radio magazine?

Would you like to know something of the artists whose voices and personalities are so delightful over the radio?

Would you like to hear about developments in the radio field without requiring an engineer to interpret them for you?

This issue marks a change in the editorial policy of STEVENSON'S RADIO BULLETIN. In addition to our log and list of stations, we have tried to give you a peep inside the big broadcasting studios, with their clusters of stars and talented artists.

We have also tried to review for you the trend in programs; the achievements of the Federal Radio Commission in attempting to improve reception, and important advances in the radio field itself.

The continuation of such a policy, however, depends on you. If you do not like it, we shall "use the knife." If you do like it, we want to give you more.

Will you help us edit STEVENSON'S RADIO BULLETIN? Please turn to the outline on page 29 and let us have your suggestions, comment and criticism. Thank you.

Thomas Stevenson
Editor.

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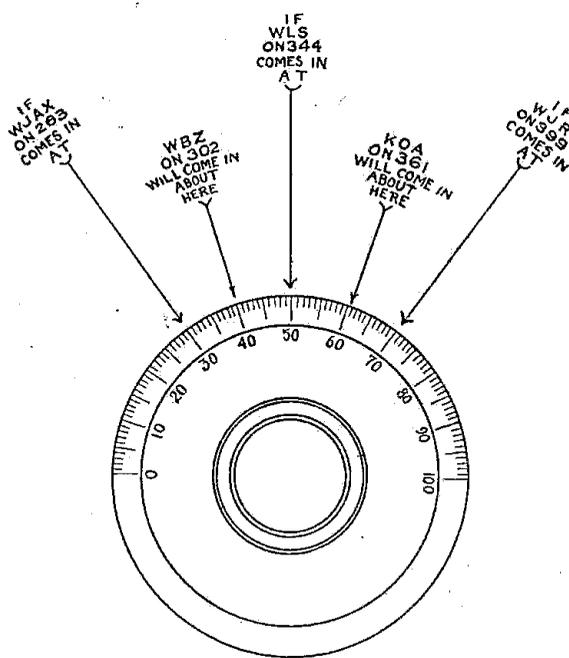
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Pick Up Twice as Many Stations

It is much easier to find a collar button if you have to search in only one room instead of the entire house. Likewise it is much easier to pick up a station if you know approximately where it should come in on the dial. It is not so easy when you have to search blindly over the entire dial.

The illustration below shows you how to narrow down the search for the station you want.



Suppose you want to get WBZ. Suppose WJAX on 263 meters comes in at 30. Suppose WLS on 344 meters comes in at 50. Then WBZ on 302 meters, or half-way be-

tween WJAX and WLS, should come in at about 40.

Or if WJR on 399 meters comes in at 70, KOA on 361 meters is almost certain to come in around 60.

There is another way of using the log. WBZ comes in at 30. By changing the dial slightly, you should be able to get the station which is right next to it in the log.

By referring to the log as you turn the dial, you can tell before you hear the announcement which station you are receiving.

Go through the log and mark down the dial settings of the stations which you get best of all. That will provide you with sufficient guides to search systematically for almost any station you want.

By turning to the alphabetical list of stations on pages 31 and 32, you can find the position in the log of any station you want to get.

If you hear the call of a station, by referring to the alphabetical list you can also find out where it is in the log. The log supplies all the details about the station.

Your ability to receive a station depends on five factors: (1) the distance it is away; (2) the amount of power it uses; (3) the condition of your receiving set; (4) atmospheric conditions, and (5) whether or not it is interfered with by another station on the same or an adjoining wave.

STEVENSON'S log will give you the power of the station and tell you whether or not any other broadcaster interferes with it. By figuring the distance you can tell whether or not you should be able to get the station.

Ask For This Special Bulletin FREE!

PRACTICALLY every Radio Broadcasting Station has been assigned a new wave length effective November 11, 1928. The Federal Radio Commission issued the new list September 11, but since then many important changes have been announced.

This issue of Stevenson's Radio Bulletin contains all changes in the new list up to October 24. Subsequent changes will be listed in a Special Bulletin dated December 1, 1928. Just write "Send me latest changes" and your name and address on a postcard and send it to us today. The Special Bulletin to bring your station list up-to-date will be mailed to you December 1, FREE OF CHARGE!

Stevenson's List of Radio Broadcasting Stations is
COMPLETE—ACCURATE—UP-TO-DATE!

Log North American Broadcasting Stations

With Stations Listed by Wave Length and Frequency

ALL North American broadcasting stations, with their power, location and owner are listed here, arranged according to frequency in kilocycles and wave length in meters. A record of where each station comes in on the dial may be placed in the left hand margin.

Stations with 1,000 Watts and over are printed in bold face type. Stations with an asterisk (*) before them broadcast on limited time.

	Call Letters	Power	Location	Owner
550 Kc.—545.1 Met. Dial Reading: 85-88	KFDY	500	Brookings, S. D.	South Dakota State College.
	KFJM	500	Grand Forks, N. D.	University of North Dakota.
	KFUO	500	St. Louis, Mo.	Concordia Theological Seminary.
	KFYR	500	Bismarck, N. D.	Hoskins-Meyer.
	KSD	500	St. Louis, Mo.	Pulitzer Publishing Co.
	WEAO	750	*Columbus, Ohio	Ohio State University.
	WGR	750	Buffalo, N. Y.	Federal Radio Corp.
	WKRC	500	Cincinnati, Ohio	Kodel Radio Corp.
560 Kc.—535.4 Met. Dial Reading: 82-84	CYY	100	Meridan, Mexico	
	KFDM	500	Beaumont, Texas	Magnolia Petroleum Co.
	RFEQ	2500	St. Joseph, Mo.	Scroggin and Co. Bank.
	KIZ	1000	Dupont, Colo.	Reynolds Radio Co.
	KOAC	1000	Corvallis, Oreg.	Oregon State Agricultural College.
	WFI	500	Philadelphia, Pa.	Strawbridge and Clothier.
	WLIT	500	Philadelphia, Pa.	Lit Brothers.
	WMBF	500	Miami Beach, Fla.	Fleetwood Hotel.
	WNOX	1000	Knoxville, Tenn.	Sterchi Brothers.
	WOI	5000	*Ames, Iowa	Iowa State College.
570 Kc.—526.0 Met. Dial Reading: 78-82	KGKO	250	Wichita Falls, Texas	Highland Heights Christian Church.
	KMTR	1000	Hollywood, Calif.	KMTR Radio Corp.
	KPLA	1000	Los Angeles, Calif.	Pacific Develop. Radio Co.
	KUOM	500	Missoula, Mont.	State University of Montana.
	KVOS	250	Bellingham, Wash.	L. Kessler.
	KXA	500	Seattle, Wash.	American Radio Tel. Co.
	WHA	750	Madison, Wis.	University of Wisconsin.
	WIBO	5000	Desplaines, Ill.	WIBO Broadcasting Inc.
	WKBN	500	Youngstown, Ohio	W. P. Williamson, Jr.
	WMCA	500	New York City	Greeley Square Hotel Co.
	WNAX	1000	Yankton, S. D.	Gurney Seed and Nursery Co.
	WNYC	500	New York City	Department Plant and Structures.
	WPCC	500	Chicago, Ill.	North Shore Congregational Church.
	WRM	500	Urbana, Ill.	University of Illinois.
	WSMK	200	Dayton, Ohio	Stanley M. Krohn, Jr.
	WSYR	250	Syracuse, N. Y.	Clive B. Meredith.
WVNC	1000	Asheville, N. C.	Chamber of Commerce.	
580 Kc.—516.9 Met. Dial Reading: 77-78	CHMA	250	Edmonton, Alta.	Christian and Missionary Church.
	CHNC	500	Toronto, Ont.	Toronto Radio Research Society.
	CJCA	500	Edmonton, Alta.	Edmonton Journal, Ltd.
	CJSC	500	Toronto, Ont.	Evening Telegram.
	CKCL	500	Toronto, Ont.	Dominion Battery Co., Ltd.
	CKNC	500	Toronto, Ont.	Canadian National Carbon Co., Ltd.
	CKUA	500	Edmonton, Alta.	University of Alberta.
	CNRE	500	Edmonton, Alta.	Canadian National Railways.
	KGFX	200	*Pierre, S. D.	Dana McNeil.
	KSAC	500	Manhattan, Kans.	Kansas State Agricultural College.
	WKAQ	500	San Juan, P. R.	Radio Corp. of Porto Rico.
	WOBV	250	Charleston, W. Va.	Charleston Radio Broadcasting Co.
	WSAZ	250	Huntington, W. Va.	McKellar Electric Co.
	WSUI	500	Iowa City, Iowa	State University of Iowa.
WTAG	250	Worcester, Mass.	Worcester Tel. Pub. Co.	
590 Kc.—508.2 Met. Dial Reading:	KHQ	1000	Spokane, Wash.	Louis Wasmer, Inc.
	WCAJ	500	Lincoln, Nebr.	Nebraska Wesleyan University.
	WEEL	500	Boston, Mass.	Edison Electric Illuminating Co.
	WOW	1000	Omaha, Nebr.	Woodmen of World.
	600 Kc.—499.7 Met. Dial Reading: 72-71	CFCH	250	Iroquois Falls, Ont.
KFBV		500	Laramie, Wyo.	Bishop N. S. Thomas.
KFSD		500	San Diego, Calif.	Airfan Radio Corp.
WCAO		250	Baltimore, Md.	Monumental Radio, Inc.
WEBW		250	*Beloit, Wis.	Beloit College.
WOAN		500	Lawrenceburg, Tenn.	Church of the Nazarene.
WREC		500	Whitehaven, Tenn.	WREC, Inc.
WTIC		500	Hartford, Conn.	Travelers Insurance Co.
610 Kc.—491.5 Met. Dial Reading: 68-69	KFRC	1000	San Francisco, Calif.	Don Lee, Inc.
	WDAF	1000	Kansas City, Mo.	Kansas City Star.
	WFAN	500	Philadelphia, Pa.	Keystone Broadcasting Co., Inc.
	WIP	500	Philadelphia, Pa.	Gimbel Bros., Inc.
	WOQ	1000	Kansas City, Mo.	Unity School of Christianity.
620 Kc.—483.6 Met. Dial Reading: 66-66	KPAD	500	Phoenix, Ariz.	Electrical Equipment Co.
	KGW	1000	Portland, Oreg.	Oregonian Publishing Co.
	WDAE	1000	Tampa, Fla.	Tampa Publishing Co.
	WDBO	1000	Orlando, Fla.	Rollins College, Inc.
	WLBZ	250	Dover-Foxcroft, Me.	T. L. Guernsey.
	WTMJ	1000	Brookfield, Wis.	The Milwaukee Journal.

	Call Letters	Power	Location	Owner
630 Kc.—475.9 Met.	CFCT	500	Victoria, B. C.	Victoria Broadcasting Assn.
Dial Reading:	CJGX	500	Yorkton, Sask.	Winnipeg Grain Exchange.
	CNRA	500	Moncton, N. B.	Canadian National Railways.
	CYR	250	Mazatlan, Mexico.	
	64-63-KFRU	500	Columbia, Mo.	Stephens College.
	64-64-WGBF	500	Evansville, Ind.	Evansville on the Air, Inc.
	64-63-WMAL	250	Washington, D. C.	M. A. Leese Co.
	64-63-WOS	500	Jefferson City, Mo.	State Marketing Bureau.
640 Kc.—468.5 Met.	61-61-KFI	5000	Los Angeles, Calif.	Earl C. Anthony, Inc.
Dial Reading:	62-61-WAIU	5000	*Columbus, Ohio	American Insurance Union.
650 Kc.—461.3 Met.	20-59-WSM	5000	Nashville, Tenn.	National Life and Accident Ins. Co.
Dial Reading:				
660 Kc.—454.3 Met.	WAAW	500	*Omaha, Nebr.	Omaha Grain Exchange.
Dial Reading:	59-56-WEAF	50000	Bellmore, N. Y.	National Broadcasting Co., Inc.
670 Kc.—447.5 Met.	56-55-WMAQ	5000	Chicago, Ill.	Chicago Daily News, Inc.
Dial Reading:				
680 Kc.—440.9 Met.	KPO	5000	San Francisco, Calif.	Hales Bros.
Dial Reading:	WEMC	1000	*Berrien Springs, Mich.	Emmanuel Missionary College.
	55-52-WPTF	5000	Raleigh, N. C.	Durham Life Ins. Co. (C. P. 10,000).
690 Kc.—534.5 Met.	CFAC	500	Calgary, Alta.	Calgary Herald.
Dial Reading:	CFCN	1800	Calgary, Alta.	W. W. Grant, Ltd.
	CHCA	250	Calgary, Alta.	Alberta Publishing Co., Ltd.
	CJ CJ	250	Calgary, Alta.	Radio Service and Repair Shop, Ltd.
	CKCO	100	Ottawa, Ont.	Dr. G. M. Geldert (for Ottawa Radio Association).
	535-50-CNRC	500	Calgary, Alta.	Canadian National Railways.
	535-50-CNRC	500	Ottawa, Ont.	Canadian National Railways.
700 Kc.—428.3 Met.	CYO	100	Mexico City, Mexico.	
Dial Reading:	KFVD	250	*Culver City, Calif.	W. J. and C. I. McWhinnie.
	52-49-WLW	5000	Harrison, Ohio	Crosley Radio Corp.
710 Kc.—423.3 Met.	50-47-WOR	5000	Newark, N. J.	L. Bamberger and Co.
Dial Reading:				
720 Kc.—416.4 Met.	48-45-WGN	15000	Chicago, Ill.	Chicago Tribune.
Dial Reading:				
730 Kc.—410.7 Met.	CFCE	1650	Montreal, Que.	Canadian Marconi Co.
Dial Reading:	CHLS	50	Vancouver, B. C.	W. G. Hassel.
	CHYC	750	Montreal, Que.	Northern Electric Co., Ltd.
	CKAC	1200	Montreal, Que.	La Presse Publishing Co., Ltd.
	CKCD	50	Vancouver, B. C.	Vancouver Daily Province.
	CKFC	50	Vancouver, B. C.	United Church of Canada.
	CKMO	50	Vancouver, B. C.	Sprott-Shaw Radio.
	CKWX	100	Vancouver, B. C.	A. Holstead and Wm. Hanlon.
740 Kc.—405.2 Met.	KMMJ	1000	*Clay Center, Nebr.	The M. M. Johnson Co.
Dial Reading:	WEAI	1000	Ithaca, N. Y.	Cornell University.
	46-42-WBS	1000	Atlanta, Ga.	Atlanta Journal Co.
750 Kc.—399.8 Met.	CYJ	2000	Mexico City, Mexico.	
Dial Reading:	CYL	500	Mexico City, Mexico.	
	PWX	400	Havana, Cuba	
	45-42-WJR	5000	Pontiac, Mich.	WJR, Inc.
760 Kc.—394.5 Met.	WEW	1000	*St. Louis, Mo.	St. Louis University.
Dial Reading:	43-40-WJZ	30000	New York, N. Y.	Radio Corporation of America.
770 Kc.—389.4 Met.	62-38-KFAB	5000	Lincoln, Nebr.	Nebraska Buick Auto Co.
Dial Reading:	42-38-WBBM	10000	Chicago, Ill.	Atlas Investment Co.
780 Kc.—384.4 Met.	CKY	500	Winnipeg, Man.	Manitoba Tele. System.
Dial Reading:	42-38-KFAB	500	Winnipeg, Man.	Canadian National Railways.
	KELW	500	Burbank, Calif.	Earl L. White.
	KNRC	500	Santa Monica, Calif.	Pickwick Broadcasting Corp.
	WBSO	100	*Wellesley Hills, Mass.	Babson's Statistical Org., Inc.
	WMC	500	Memphis, Tenn.	Memphis Commercial Appeal.
	40-37-WPOR	500	Norfolk, Va.	Reliance Electrical Co., Inc.
	40-37-WTAR	500	Portsmouth, Va.	Virginia Broadcasting Co., Inc.
	40-37-WSEA	500		
790 Kc.—379.5 Met.	KGO	10000	Oakland, Calif.	General Electric Co.
Dial Reading:	40-36-WGY	50000	*Schenectady, N. Y.	General Electric Co.
800 Kc.—374.8 Met.	CYH	100	Mexico City, Mexico.	
Dial Reading:	39-35-KTHS	5000	Hot Springs, Ark.	Arlington Hotel Co.
	12-WBAP	5000	Ft. Worth, Texas	Carter Publishing Inc.
	12-WBAP	5000	Mason, Ohio	Crosley Radio Corp.

Call Letters	Power	Location	Owner
810 Kc.—370.2 Met. Dial Reading:	³²³ WCCO 10000 WPCH 500	Minneapolis, Minn. *New York, N. Y.	Washburn-Crosby Co. Concourse Radio Corp.
820 Kc.—365.6 Met. Dial Reading:	⁷²³ WHAS 5000	Louisville, Ky.	Courier Journal & Louisville Times.
830 Kc.—361.2 Met. Dial Reading:	HHK 1000 ³⁶³⁻³² KOA 12500 16-13 -WJJD 1000	Port au Prince, Haiti. Denver, Colo. Mooseheart, Ill.	General Electric Co. Loyal Order Moose.
840 Kc.—356.9 Met. Dial Reading:	³⁶ CFCA 500 CHCT 1000 CKLC 1000 ³⁶⁻³⁰ CKOW 500 CNRT 500	Toronto, Ont. Red Deer, Alta. Red Deer, Alta. Toronto, Ont. Toronto, Ont.	Star Publishing and Printing Co. G. F. Tull and Ordeke, Ltd. Alberta Pacific Grain Co., Ltd. Nestle's Food Co. of Canada. Canadian National Railways.
850 Kc.—352.7 Met. Dial Reading:	KFQZ 250 ³⁴⁻³⁶ -KWKH 5000 WWL 5000	*Hollywood, Calif. Kennonwood, La. New Orleans, La.	Taft Rad. & Broadcasting Co., Inc. W. K. Henderson. Loyola University.
860 Kc.—348.6 Met. Dial Reading:	CZE 500 ^{34-29 1/2} -WABC 5000 2OK 100 7SR 500	Mexico City, Mexico. New York, N. Y. Havana, Cuba. Elia, Cuba.	Atlantic Broadcasting Co.
870 Kc.—344.6 Met. Dial Reading:	³²³⁻²⁹ WENR 5000 WLS 5000	Chicago, Ill. Crete, Ill.	Great Lakes Rad. Broadcasting Co. Sears-Roebuck and Co.
880 Kc.—340.7 Met. Dial Reading:	CHCS 10 CHML 500 CHRC 5 CKCI 22 1/2 CKCV 50 ^{31 1/2-28} -CKOC 100 CNRQ 50 KPKA 500 KPOF 500 KLX 500 WCOC 500 WGBI 250 WQAN 250 6XW 100	Hamilton, Ont. Mt. Hamilton, Ont. Quebec, Que. Quebec, Que. Quebec, P. Q. Hamilton, Ont. Quebec, P. Q. Greeley, Colo. Denver, Colo. Oakland, Calif. Columbus, Miss. Scranton, Pa. Scranton, Pa. Tuincu, Cuba.	Hamilton Spectator. Maple Leaf Radio Co., Ltd. E. Fontaine. Le "Soleil," Ltd. G. A. Vandry. Wentworth Ra. & Auto Sup. Co., Ltd. Canadian National Railways. Colorado State Teachers' College. Pillar of Fire, Inc. Tribune-Publishing Co. Crystal Oil Co. Scranton Broadcasters, Inc. Scranton Times.
890 Kc.—336.9 Met. Dial Reading:	CFBO 50 ³¹⁻²⁷ -KENF 500 KGJF 250 ³¹⁻²⁶ -KUSD 500 WGST 500 WJAR 250 ³⁰⁻²⁶ -WMMN 250 WMAZ 500	St. John, N. B. Shenandoah, Iowa Little Rock, Ark. Vermilion, S. D. Atlanta, Ga. Providence, R. I. Fairmont, W. Va. Macon, Ga.	C. A. Munro, Ltd. Henry Field Seed Co. First Church of Nazarene. University of South Dakota. Georgia School of Technology. The Outlet Co. Holt Rowe Co. Mercer University.
900 Kc.—333.1 Met. Dial Reading:	³⁰⁻²⁶ ← KHJ 1000 KGBU 500 KSEI 250 ← WFB 750 ← WHAD 500 ← WKY 1000 ← WLBL 1000 ← WMAK 750 WFLA- WSUN 1000	Los Angeles, Calif. Ketchikan, Alaska Pocatello, Idaho Syracuse, N. Y. Milwaukee, Wis. Oklahoma City, Okla. *Stevens Point, Wis. Martinsville, N. Y.	Don Lee, Inc. Alaska Radio and Service Co. KSEI Broadcasting Corp. The Onondago Co. Marquette University. WKY Radiophone Co. Wisconsin Department of Markets. WMAK Broadcasting System.
910 Kc. Dial Reading:	CFQC 500 ²⁹⁻²⁴ -CJGC 500 CJHS 250 CNRS 500 CYX 500	Saskatoon, Sask. London, Ont. Saskatoon, Sask. Saskatoon, Sask. Mexico City, Mexico.	Electric Shop. London Free Press Ptg. Co., Ltd. Radio Service, Ltd. Canadian National Railways.
920 Kc.—325.9 Met. Dial Reading:	³⁰⁻¹³ -KOMO 1000 KPRC 1000 WAAF 500 ²⁹⁻²³ -WVWJ 1000	Seattle, Wash. Houston, Texas *Chicago, Ill. Detroit, Mich.	Fisher's Blend Station. Houston Printing Co. Drovers Journal Publishing Co. The Detroit News.
930 Kc.—322.4 Met. Dial Reading:	CHNS 100 CHNS 500 CYQ 100 KFVI 500 ²⁸⁻²³ -KFWM 500 ²⁷⁻²⁴ -KGBZ 500 ²⁷⁻²³ -KMA 500 WBRC 500 WDBJ 500 WIBG 50	Halifax, N. S. Halifax, N. S. Tampico, Mexico. San Francisco, Calif. Oakland, Calif. York, Nebr. Shenandoah, Iowa Birmingham, Ala. Roanoke, Va. *Elkins Park, Pa.	Northern Electric Co., Ltd. Halifax Herald, Ltd. Radio Entertainments, Inc. Oakland Educational Society. Federal Live Stock Remedy Co. May Seed and Nursery Co. Birmingham Broadcasting Co. Richardson-Wayland Electric Corp. St. Paul's P. E. Church.
940 Kc.—319 Met. Dial Reading:	²⁷⁻²³ -KFEL 250 KFXP 250 KGU 500 KOIN 1000 WCSH 500 WFIW 1000	Denver, Colo. Denver, Colo. Honolulu, H. T. Portland, Oreg. Portland, Me. Hopkinsville, Ky.	Eugene P. O'Fallon, Inc. Pikes Peak Broadcasting Co. Marion Mulrony. KOIN, Inc. Congress Square Hotel Co. The Acme Mills, Inc.

	Call Letters	Power	Location	Owner
950 Kc.—315.6 Met.	KFWB 1000		Los Angeles, Calif.	Warner Bros. Broadcasting Corp.
Dial Reading:	KGHL 500		Billings, Mont.	North Western Auto Supply Co.
	KLDS			
	KMBC 1000		Independence, Mo.	Midland Broadcasting Co.
	KPSN 1000		Pasadena, Calif.	Pasadena Star-News Publishing Co.
	WBB 1000		Kansas City, Mo.	Sweeney Auto School Co.
	WRC 500		Washington, D. C.	Radio Corporation of America.
960 Kc. 312.	CFCY 100		Charlottetown, P. E. I.	Island Radio Co.
Dial Reading:	CFRB 1000		King, Ont.	Stan. Radio Manufacturing Corp.
	CHCK 30		Charlottetown, P. E. I.	W. E. Burke.
	CHWC 15		Regina, Sask.	R. H. Williams and Sons, Ltd.
	CJBR 500		Regina, Sask.	Sask. Co-op. Wheat Producers, Ltd.
	CKCK 500		Regina, Sask.	Leader Publishing Co., Ltd.
	CKGW 5000		Bowmanville, Ont.	Gooderham and Worts.
	CNRB 500		Regina, Sask.	Canadian National Railways.
	CYU 100		Puebla, Mexico.	
970 Kc.—309.1 Met.	CZF 250		Chiluhua, Mexico.	
Dial Reading:	KJE 5000		Seattle, Wash.	North West Radio Service Co.
	WCFL 1000		Chicago, Ill.	Chicago Federation of Labor.
980 Kc.—305.9 Met.	KDKA 50000		Pittsburgh, Pa.	Westinghouse E. and M. Co.
Dial Reading:				
990 Kc.—302.8 Met.	WBZ 15000*		E. Springfield, Mass.	Westinghouse E. and M. Co.
Dial Reading:	WBZA 500		Boston, Mass.	Westinghouse E. and M. Co.
1000 Kc.—299.8 Met.	CYA 500		Mexico City, Mexico.	
Dial Reading:	KEKX		*Glendale, Calif.	Frederick Robinson.
	KGPH 250		*Des Moines, Iowa	Iowa Bankers Life Co.
	WHO 5000		*Davenport, Iowa	Palmer School of Chiropractics.
	WOC 5000			
1010 Kc.—296.9 Met.	CFLC 50		Prescott, Ont.	Radio Association.
Dial Reading:	CJRM 500		Moose Jaw, Sask.	Jas. Richardson and Sons, Ltd.
	CJRW 500		Pleecing, Sask.	Jas. Richardson and Sons, Ltd.
	CKCR 50		Brantford, Ont.	John Patterson.
	CKSH 50		St. Hyacinthe, P. Q.	City of St. Hyacinthe.
	KGGF 500		Picher, Okla.	D. L. Connell, M. D.
	KQW 500		San Jose, Calif.	First Baptist Church.
	WHN 250		New York, N. Y.	George Schubel.
	WJBB 250		Sarasota, Fla.	Financial Journal, Inc.
	WNAD 500		Norman, Okla.	University of Oklahoma.
	WPAP			
	WQAO 250		New York, N. Y.	Calvary Baptist Church.
	WRNY 250		New York, N. Y.	Experimenter Publishing Co.
1020 Kc.—293.9 Met.	KYW 5000		Chicago, Ill.	Illinois Publishing and Printing Co.
Dial Reading:				
1030 Kc.—291.1 Met.	CJOR 50		Sea Island, B. C.	G. C. Chandler.
Dial Reading:	CNRV 500		Vancouver, B. C.	Canadian National Railways.
1040 Kc.—288.3 Met.	KRLD 5000		Dallas, Texas	KRLD, Inc.
Dial Reading:	WFAA 5000		Dallas, Texas	Dallas Morning News.
	WKAR 500		*East Lansing, Mich.	Michigan State College.
	NWKEN 750		Buffalo, N. Y.	Radio Station WKEN, Inc.
1050 Kc.—285.5 Met.	KNX 5000		Hollywood, Calif.	Western Broadcasting Co.
Dial Reading:				
1060 Kc.—282.8 Met.	KWJJ 500		Portland, Oreg.	Wilbur Jerman.
Dial Reading:	WBAB 5000		Baltimore, Md.	Cons. Gas, Elec. Light & Power Co.
	WJAG 500		Norfolk, Nebr.	Norfolk Daily News.
1070 Kc.—280.2 Met.	WAAT 250		Jersey City, N. J.	Bremer Broadcasting Corp.
Dial Reading:	WCAZ 100		*Carthage, Ill.	Carthage College.
	WDZ 100		*Tuscola, Ill.	James L. Bush.
	WEAB 1000		Cleveland, Ohio	WTAM and WEAB, Inc.
	WTAM 3500		Cleveland, Ohio	WTAM and WEAB, Inc.
1080 Kc.—277.6 Met.	WBT 5000		Charlotte, N. C.	C. C. Coddington (C. P. 10,000).
Dial Reading:	WCBD 5000		Zion, Ill.	Wilbur Glen Voliva.
	WMBI 5000		Chicago, Ill.	Moody Bible Institute.
1090 Kc.—275.1 Met.	CYB 500		Mexico City, Mexico.	
Dial Reading:	KMOX 5000		St. Louis, Mo.	Voice of St. Louis, Inc.
	6JK 100		Tuincu, Cuba.	
1100 Kc.—272.6 Met.	KJBS 100		San Francisco, Calif.	Julius Brunton and Sons Co.
Dial Reading:	WLWL 5000		New York City	Missionary Society of St. Paul.
	WPG 5000		Atlantic City, N. J.	Municipality of Atlantic City.
1110 Kc.—270.1 Met.	KSOO 1000		*Sioux Falls, S. D.	Sioux Falls Broadcast'g Association.
Dial Reading:	WRVA 5000		Richmond, Va.	Larus and Bros. Co., Inc.

Call Letters	Power	Location	Owner
1120 Kc.—267.7 Met.	CFJC 15	Kamloops, B. C.	N. S. Dalglish.
Dial Reading:	CFMC 20	Kingston, Ont.	Monarch Battery Co.
	CFRC 500	Kingston, Ont.	Queens University.
	CHGS 25	Summerside, P. E. I.	R. T. Holman, Ltd.
	CJOC 50	Lethbridge, Alta.	J. E. Palmer.
	CKPR 50	Midland, Ont.	E. O. Swan.
	KFSG 500	Los Angeles, Calif.	Echo Park Evangelistic Assn.
	KMIC 250	Inglewood, Calif.	James R. Fouch.
	KRSC 50	*Seattle, Wash.	Radio Sales Corporation.
	KUT 500	Austin, Texas.	University of Texas.
	WBAK 500	*Harrisburg, Pa.	Pennsylvania State Police.
	WBAO 100	*Decatur, Ill.	James Milliken University.
	WCOA 500	Pensacola, Fla.	City of Pensacola.
	WFBR 250	Baltimore, Md.	Baltimore Radio Show, Inc.
	WISN 250	Milwaukee, Wis.	Evening Wisconsin Co.
	WTAW 500	College Station, Texas.	Agri. and Mech. College of Texas.
1130 Kc.—265.3 Met.	CYF 100	Oaxaca, Mexico.	
Dial Reading: 76.14	KFKB 5000	*† Milford, Kans.	Dr. John R. Brinkley.
	KSL 5000	Salt Lake City, Utah.	Radio Service Corporation of Utah.
	WOV 1000	*New York, N. Y.	International Broadcasting Corp.
1140 Kc.—263.0 Met.	KVOO 1000	Tulsa, Okla.	Southwestern Sales Corp.
Dial Reading: 151.56	WAPI 5000	Auburn, Ala.	Alabama Polytechnic Institute.
1150 Kc.—260.7 Met.	KGDM 50	*Stockton, Calif.	E. F. Pepper.
Dial Reading: 18.17	WHAM 5000	Rochester, N. Y.	Stromberg-Carlson Telegraph Co.
	6BY 200	Cienfuegos, Cuba.	
1160 Kc.—258.5 Met.	WEAN 500	*Providence, R. I.	The Shepard Co.
Dial Reading: 17-13	WOWO 5000	Ft. Wayne, Ind.	Main Auto Supply Co.
	WWVA 250	Wheeling, W. Va.	West Virginia Broadcasting Corp.
1170 Kc.—256.3 Met.	KTNT 5000	Muscatine, Iowa.	Norman Baker.
Dial Reading: 162.14	WCAU 5000	Philadelphia, Pa.	Universal Broadcasting Co.
1180 Kc.—254.1 Met.	KEX 5000	Portland, Oreg.	Western Broadcasting Co.
Dial Reading:	KOB 10000	State College, N. M.	New Mexico College Agril. & Arts.
	WGBS 500	†Astoria, L. I.	Gimbel Bros., Inc.
1190 Kc.—252.0 Met.	WOAI 5000	San Antonio, Texas.	Southern Equipment Co.
Dial Reading:	WRR 5000	Dallas, Texas.	City of Dallas.
1200 Kc.—249.9 Met.	KFHA 50	Gunnison, Colo.	Western State College of Colorado.
Dial Reading:	KFJB 100	Marshalltown, Iowa.	Marshall Electric Co.
	KFKZ 50	Kirksville, Mo.	N. E. Missouri State Teach. College
	KFWC 100	Ontario, Calif.	James R. Fouch.
	KFWF 100	St. Louis, Mo.	St. Louis Truth Center, Inc.
	KGCU 100	Mandan, N. D.	Mandan Radio Association.
	KGDE 50	Barrett, Minn.	Jaren Drug Co.
	KGDY 15	Oldham, S. D.	J. Albert Loesch.
	KGEK 50	Yuma, Colo.	Beehler Electric Equipment Co.
	KGEN 100	El Centro, Calif.	E. R. Irey and F. M. Bowles.
	KGEW 100	Ft. Morgan, Colo.	City of Ft. Morgan.
	KGKF 50	Hallock, Minn.	Kittson County Enterprise
	KMJ 100	Fresno, Calif.	The Fresno Bee.
	KPPC 50	Pasadena, Calif.	Pasadena Presbyterian Church.
	KSMR 100	Santa Maria, Calif.	Santa Maria Valley R. R. Co.
	KWG 100	Stockton, Calif.	Portable Wireless Telegraph Co.
	WABI 100	Bangor, Me.	First Universalist Church.
	WABZ 50	New Orleans, La.	Coliseum Place Baptist Church.
	WRBL 50	Columbus, Ga.	R. E. Martin.
	WBBW 100	Norfolk, Va.	Ruffner Junior High School.
	WBBY 75	Charleston, S. C.	Washington Light Infantry.
	WBBZ 100	Ponca City, Okla.	C. L. Carrell.
	WCAT 100	Rapid City, S. D.	South Dakota State School of Mines.
	WCAX 100	Burlington, Vt.	University of Vermont.
	WCLO 100	Kenosha, Wis.	C. E. Whitmore.
	WEPS 100	Gloucester, Mass.	Matheson Radio Co., Inc.
	WFBC 50	Knoxville, Tenn.	First Baptist Church.
	WEBE 100	Cincinnati, Ohio.	Parkview Hotel.
	WHBC 10	Canton, Ohio.	St. John's Catholic Church.
	WHBY 50	West DePere, Wis.	St. Norbert's College.
	WIBX 100	Utica, N. Y.	WIBX, Inc.
	WJAM 100	Waterloo, Iowa.	Waterloo Broadcasting Co.
	WJBC 100	LaSalle, Ill.	Hummer Furniture Co.
	WJBL 100	Decatur, Ill.	Wm. Gushard Dry Goods Co.
	WJBW 30	New Orleans, La.	C. Carlson, Jr.
	WKBE 100	Webster, Mass.	K. and B. Electric Co.
	WKJC 50	Lancaster, Pa.	Kirk Johnson Co.
	WLAP 30	Okalona, Ky.	American Broadcasting Corp. of Ky.
	WLBG 100	Petersburg, Va.	Robert Allen Gamble.
	WMAX 100	St. Louis, Mo.	Kingshighway Presbyterian Church.
	WNBO 15	Washington, Pa.	John Brownlee Spriggs.
	WNBW 5	Carbondale, Pa.	Home Cut Glass and China Co.
	WNBX 10	Springfield, Vt.	First Congregational Church Corp.
	WPRC 100	Harrisburg, Pa.	Wilson Printing and Radio Co.
	WQBJ 65	Clarksburg, W. Va.	John Raikes.
	WRAF 100	La Porte, Ind.	The Radio Club, Inc.
	WRJN 100	Racine, Wis.	Racine Broadcasting Corp.
	WWAE 100	Hammond, Ind.	Dr. Geo. F. Courier.

Call Letters	Power	Location	Owner
1210 Kc.—247.8 Met.			
Dial Reading:			
CFCO	25	Chatham, Ont.	Better Radio Club.
CFNB	50	Fredericton, N. B.	J. S. Neill and Sons.
CHWK	5	Chilliwack, B. C.	Chilliwack Broadcasting Co., Ltd.
CKMC	15	Cobalt, Ont.	R. L. McAdam.
CKPC	25	Preston, Ont.	Wallace Russ.
KDLR	100	Devils Lake, N. D.	Radio Electric Co.
KFDX	100	Shreveport, La.	First Baptist Church.
KFEY	10	Kellogg, Idaho	Union High School.
KFLX	100	Galveston, Texas	George Roy Clough.
KFOR	100	Lincoln, Nebr.	Howard A. Shuman.
KFVS	50	Cape Girardeau, Mo.	Hirsch Battery and Radio Co.
KGCB	50	Enid, Okla.	Wallace Radio Institute.
KGCR	100	Brookings, S. D.	Cutler's Broadcasting Service.
KGDP	10	Pueblo, Colo.	Pueblo Coun. Boy Scouts of Amer.
KPCB	100	Seattle, Wash.	Pacific Coast Biscuit Co.
KPQ	100	Seattle, Wash.	Archie Taft and Louis Wasmer.
KTAP	100	San Antonio, Texas	Robert B. Bridge.
KWEA	100	Shreveport, La.	William B. Antony.
WBAX	100	Wilkes-Barre, Pa.	John H. Stenger, Jr.
WCBS	100	Springfield, Ill.	H. L. Dowling and Chas. Mosster.
WCOH	100	Greenville, N. Y.	Westchester Broadcasting Corp.
WCRW	100	Chicago, Ill.	Clinton R. White.
WDWF			
WLSI	100	Cranston, R. I.	D. W. Flint & Lincoln Studios, Inc.
WEBE	10	Cambridge, Ohio	Roy W. Waller.
WEBQ	50	Harrisburg, Ill.	Tate Radio Co.
WEDC	100	Chicago, Ill.	Emil Denemark, Inc.
WFCI	100	Pawtucket, R. I.	Frank Crook, Inc.
WGBB	100	Freeport, N. Y.	Harry H. Carman.
WGCM	15	Gulfport, Miss.	Gulf Coast Music Co.
WHBF	100	Rock Island, Ill.	Boardsley Specialty Co.
WHBU	100	Anderson, Ind.	Citizens' Bank.
WIBA	100	Madison, Wis.	Cap. Times-Strand Theatre Station.
WINR	100	Bayshore, N. Y.	Radiotel Manufacturing Co., Inc.
WJBI	100	Redbank, N. J.	Robert S. Johnson.
WJBU	100	Lewisburg, Pa.	Bucknell University.
WJBY	50	Gadsden, Ala.	Electric Consumer Co.
WLBV	100	Mansfield, Ohio	Mansfield Broadcasting Assn.
WLCI	50	Ithaca, N. Y.	Lutheran Association of Ithaca.
WMAN	50	Columbus, Ohio	W. E. Hoskitt.
WMBG	100	Richmond, Va.	Havens and Martin, Inc.
WMBR	100	Tampa, Fla.	F. J. Reynolds.
WOCL	25	Jamestown, N. Y.	A. E. Newton.
WOMT	100	Manitowoc, Wis.	Mikadow Theatre.
WRBQ	100	Greenville, Miss.	J. Pat Scully.
WRBU	50	Gastonia, N. C.	A. J. Kirby Music Co.
142-12 -WSBC	100	Chicago, Ill.	World Battery Co.
WSIX	100	Springfield, Tenn.	638 Tire and Vulcanizing Co.
WTAX	50	Streator, Ill.	Williams Hardware Co.
WTAZ	15	Richmond, Va.	W. Reynolds, Jr., and T. J. McGuire.
1220 Kc.—245.6 Met.			
Dial Reading:			
KFKU	1000	Lawrence, Kans.	University of Kansas.
WCAE	500	Pittsburgh, Pa.	Kaufman and Baer Co.
WREN	1000	Lawrence, Kans.	Jenny Wren Co.
1230 Kc.—243.8 Met.			
Dial Reading:			
KFIO	100	*Spokane, Wash.	North Central High School.
KFQD	100	Anchorage, Alaska	Anchorage Radio Club.
KYA	1000	San Francisco, Calif.	Pacific Broadcasting Corp.
WBIS			
WCWK	500	*Ft. Wayne, Ind.	Chester W. Keen.
WFBM	500	Indianapolis, Ind.	Indianapolis Power and Light Co.
142-12 -WNAC	500	Boston, Mass.	The Shepard Stores.
WGMS			
WLB	1000	Minneapolis, Minn.	University of Minnesota.
WPSC	500	*State College, Pa.	Pennsylvania State College.
WSBT	500	South Bend, Ind.	South Bend Tribune.
1240 Kc.—241.8 Met.			
Dial Reading: 141-12			
KFQB	1000	Ft. Worth, Texas	W. B. Fishburn, Inc.
WGHP	750	Fraser, Mich.	George H. Phelps, Inc.
WIOD	1000	Miami Beach, Fla.	Isle of Dreams Broadcasting Co.
WJAD	1000	Waco, Texas	Frank P. Jackson.
WQAM	750	Miami, Fla.	Electric Equipment Co.
WRBC	500	*Valparaiso, Ind.	Immanuel Lutheran Church.
1250 Kc.—239.9 Met.			
Dial Reading: 13-11 1/2			
KEJK	500	Beverly Hills, Calif.	R. S. Macmillan.
KFAU	1000	Boise, Idaho	Ind. School District of Boise City.
KFMX	1000	Northfield, Minn.	Carleton College.
KFON	1000	Long Beach, Calif.	Nichols and Warinner, Inc.
KXL	500	Portland, Oreg.	KXL Broadcasters, Inc.
13-11 1/2 -WAAM	250	Newark, N. J.	WAAM, Inc.
WCAL	1000	Northfield, Minn.	St. Olaf College.
WCAD	500	*Canton, N. Y.	St. Lawrence University.
WGCP	500	Newark, N. J.	May Radio Broadcasting Corp.
WODA	1000	Paterson, N. J.	Richard E. O'Dea
WRHM	1000	Fridley, Minn.	Rosedale Hospital Co., Inc.
1260 Kc.—238.0 Met.			
Dial Reading: 13-11 1/2			
KOIL	1000	Council Bluffs, Iowa	Mona Motor Oil Co.
KRGV	500	Harlingen, Texas	Harlingen Music Co.
KWWG	500	Brownsville, Texas	Chamber of Commerce.
13-11 1/2 -WJAX	1000	Jacksonville, Fla.	City of Jacksonville.
13-11 1/2 -WLBW	500	Oil City, Pa.	Petroleum Telephone Co.

Call Letters	Power	Location	Owner
1270 Kc.—236.1 Met.			
KFOA	1000	Seattle, Wash.	Rhodes Department Store.
KFUM	1000	Colorado Springs, Colo.	W. D. Corley.
Dial Reading: KGCA	50	*Decorah, Iowa	Chas. W. Greenley.
KTW	1000	Seattle, Wash.	First Presbyterian Church.
KWLC	50	*Decorah, Iowa	Luther College.
WASH	250	Grand Rapids, Mich.	Baxter Laundries, Inc.
WDSU	1000	New Orleans, La.	Joseph H. Uhalt.
WOOD	500	Grand Rapids, Mich.	Walter B. Stiles, Inc.
WRHF	150	*Washington, D. C.	American Broadcasting Co.
1280 Kc.—234.2 Met.			
KTAB	500	Oakland, Calif.	Associated Broadcasters.
Dial Reading: 12-11 WCAM	500	Camden, N. J.	City of Camden.
WCAP	500	Asbury Park, N. J.	Radio Industries Broadcasting Co.
WDAY	1000	Fargo, N. D.	WDAY, Inc.
12-10 1/2 WDOD	1000	Chattanooga, Tenn.	Chattanooga Radio Co., Inc.
WEBC	1000	Superior, Wis.	Head of the Lakes Broadcasting Co.
WOAX	500	Trenton, N. J.	Franklyn J. Wolff.
1290 Kc.—234.4 Met.			
KDYL	1000	Salt Lake City, Utah	Intermountain Broadcasting Corp.
Dial Reading: KFUL	500	Galveston, Texas	Will H. Ford.
KLCN	50	*Blytheville, Ark.	Daily Courier News.
KTSA	1000	San Antonio, Texas	Alamo Broadcasting Co.
WJAS	1000	Pittsburgh, Pa.	Pittsburgh Radio Supply House.
WNBZ	10	*Saranac Lake, N. Y.	Smith and Mace.
1300 Kc.—230.6 Met.			
KFH	1000	Wichita, Kans.	Hotel Lassen.
Dial Reading: KFJR	500	Portland, Oreg.	Ashley C. Dixon and Sons.
KGEF	1000	Los Angeles, Calif.	Trinity Methodist Church.
KTBI	1000	Los Angeles, Calif.	Bible Institute of Los Angeles.
KTBR	500	Portland, Oreg.	M. E. Brown.
12-10 1/2 WBBR	1000	Rossville, N. Y.	Peoples Pulpit Association.
WEVD	1000	Woodhaven, N. Y.	Debs Memorial Radio Fund.
WHAP	1000	New York City	Defenders of Truth Society, Inc.
12-10 1/2 WHAZ	500	Troy, N. Y.	Rensselaer Poly. Institute.
WIBW	1000	Topeka, Kans.	C. L. Carrell.
1310 Kc.—228.9 Met.			
KFBK	100	Sacramento, Calif.	Kimball-Upson Co.
Dial Reading: KFCB	100	Phoenix, Ariz.	Nielson Radio Supply Co.
KFGQ	10	Boone, Iowa	Boone Biblical College.
KFIU	10	Juneau, Alaska	Alaska Electric Light and Power Co.
KFJY	100	Ft. Dodge, Iowa	C. S. Tunwall.
KFPL	15	Dublin, Texas	C. C. Baxter.
KFFM	15	Greenville, Texas	The New Furniture Co.
KFXR	50	Oklahoma City, Okla.	Exchange Avenue Baptist Church.
KGEZ	100	Kalispell, Mont.	Flathead Broadcasting Association.
KGFI	15	San Angelo, Texas	San Angelo Broadcasting Co.
KGGH	50	Cedar Grove, La.	Bates Radio and Radio Co.
KGHG	50	McGehee, Ark.	Chas. W. McCollum.
KGRC	100	San Antonio, Texas	Eugene J. Roth.
KRMD	50	Shreveport, La.	Robert M. Dean.
KWCR	100	Cedar Rapids, Iowa	Harry F. Paar.
WABY	50	Philadelphia, Pa.	John Magaldi, Jr.
WAGM	50	Royal Oak, Mich.	Robert L. Miller.
WBMH	100	Detroit, Mich.	Brann's Music House.
WBOV	100	Terre Haute, Ind.	Banks of Wabash Broadcast'g Assn.
WBRE	100	Wilkes-Barre, Pa.	Louis G. Baltimore.
WCLS	100	Joliet, Ill.	WCLS, Inc.
WDAH	100	El Paso, Texas	Trinity Methodist Church.
12-10 WEBR	100	Buffalo, N. Y.	H. H. Howell.
WEHS	100	Evanston, Ill.	Victor C. Carlson.
WEKD	50	Frankford, Pa.	Foulkrod Radio Eng. Co.
WFBG	100	Altoona, Pa.	William F. Gable Co.
WEDF	100	Flint, Mich.	Frank D. Fallain.
WGAL	15	Lancaster, Pa.	Lancaster Elec. Supply and Cons. Co.
WHBP	100	Johnstown, Pa.	Johnstown Auto Co.
WHFC	100	Chicago, Ill.	Goodson and Wilson, Inc.
WIAD	100	Philadelphia, Pa.	Howard R. Miller.
11-11 WIBU	100	Poynette, Wis.	The Electric Farm.
WJAK	50	Kokomo, Ind.	J. A. Kautz (Kokomo Tribune).
WKAU	50	Laconia, N. H.	Laconia Radio Club.
WKBB	100	Joliet, Ill.	Sanders Bros., Inc.
WKBC	10	Birmingham, Ala.	H. L. Ansley.
WKBI	50	Chicago, Ill.	Fred Schoenwolf.
WKBS	100	Galesburg, Ill.	Permil N. Nelson.
WLBC	50	Muncie, Ind.	Donald A. Burton.
WLBO	100	Galesburg, Ill.	Fred A. Trebbe, Jr.
WMBL	100	Lakeland, Fla.	Benford's Radio Studio.
WMPC	30	Lapeer, Mich.	First Methodist Protestant Church.
WNAT	100	Philadelphia, Pa.	Lennig Bros. Co.
WNBZ	50	Knoxville, Tenn.	Lansdale Baptist Church.
WNEW	100	Newport News, Va.	Virginia Broadcasting Co., Inc.
WOBT	15	Union City, Tenn.	Tittsworth's Radio and Music Shop.
WRAW	100	Columbia, S. C.	Kents Furniture and Music Store.
WRBI	20	Tifton, Ga.	Avenue Radio and Electric Shop.
WRBW	15	Reading, Pa.	Paul S. Pearce.
WRK	100	Hamilton, Ohio	S. W. Doron and John C. Slade.
WSAJ	100	Grove City, Pa.	Grove City College.
WSMD	100	Salisbury, Md.	Tora F. Little.
WTHS	100	Atlanta, Ga.	Atlanta Technical High School.
1320 Kc.—227.1 Met.			
KGHB	250	Honolulu, Hawaii	Radio Sales Co.
Dial Reading: 9-10 KGEF	250	Pueblo, Colo.	Curtis P. Ritchie.
WADC	1000	Akron, Ohio	Allen T. Simmons.
WSMB	750	New Orleans, La.	Saenger Theatres, Inc.

	Call Letters	Power	Location	Owner
1330 Kc.—225.4 Met. Dial Reading: 10-10	KSOJ	1000	Sioux City, Iowa	Perkins Bros. Co.
	WCAC	500	Mansfield, Conn.	Connecticut Agricultural College.
	WDRC	500	New Haven, Conn.	Doolittle Radio Corp.
	WTAQ	1000	Eau Claire, Wis.	Clyde S. Van Gordon.
1340 Kc.—223.7 Met. Dial Reading:	KEPW	50	*Sulphur Springs, Ark.	Lannie P. Stewart.
	KMO	500	Tacoma, Wash.	KMO, Inc.
	KVI	1000	Tacoma, Wash.	Puget Sound Radio Broadcast'g Co.
	WSPD	500	Toledo, Ohio	Toledo Broadcasting Co.
1350 Kc.—222.1 Met. Dial Reading: 10 1/2-10 10-13 10-9 1/2	KWK	1000	St. Louis, Mo.	Greater St. Louis Broadcasting Corp.
	WBNY	250	New York, N. Y.	Barnchrome Corp.
	WCDA	250	New York, N. Y.	Italian Educational Broadcast'g Co.
	WKBQ	250	New York, N. Y.	Standard Cahill Co., Inc.
	WIL	1000	St. Louis, Mo.	Missouri Broadcasting Corp.
1360 Kc.—220.4 Met. Dial Reading: 10.10	KFBB	250	Havre, Mont.	F. A. Buttrey Co.
	KGB	250	San Diego, Calif.	Southwestern Broadcasting Co.
	WBET	500	Boston, Mass.	Boston Transcript Co.
	WGES	500	Chicago, Ill.	Oak Leaves Broadcasting Corp., Inc.
	WJKS	500	Gary, Ind.	Johnson-Kennedy Radio Corp.
	WMAF	500	S. Dartmouth, Mass.	Round Hills Radio Corp.
	WQBC	300	Utica, Miss.	Utica Chamber of Commerce, Inc.
1370 Kc.—218.8 Met. Dial Reading: 9.7 7.9 13.9	KFEC	100	Portland, Oreg.	Meir and Frank Co.
	KFJL	50	Astoria, Oreg.	George Kincaid.
	KFJZ	100	Ft. Worth, Texas	Henry Clay Allison.
	KFUR	50	Ogden, Utah	Perry Building Co.
	KGAR	100	Tucson, Ariz.	Citizens Publishing Co.
	KGBX	100	St. Joseph, Mo.	Poster-Hall Tire Co.
	KGCI	100	San Antonio, Texas	Liberto Radio Sales.
	KGDA	15	Dell Rapids, S. D.	Home Auto Co.
	KGER	100	Long Beach, Calif.	C. Merwin Dobynes.
	KGFG	50	Oklahoma City, Okla.	Full Gospel Church.
	KGFL	50	Raton, N. M.	N. L. Cotter.
	KGGM	100	Albuquerque, N. M.	Jay Peters.
	KGKL	100	Georgetown, Texas	M. L. Cates.
	KRE	100	Berkeley, Calif.	First Congregational Church.
	KTUE	5	Houston, Texas	Uhalt Electric.
	KWKC	100	Kansas City, Mo.	Wilson Duncan Broadcasting Co.
	KZM	100	Hayward, Calif.	Leon P. Tenney.
	WBBL	100	Richmond, Va.	Grace Covenant Presbyt'n Church.
	WCBM	100	Baltimore, Md.	Hotel Chateau.
	WFBJ	100	Collegeville, Minn.	St. Johns University.
	WHBD	100	Bellefontaine, Ohio	First Presbyterian Church.
	WHBQ	100	Memphis, Tenn.	Broadcasting Station WHBQ, Inc.
	WIBM	100	Jackson, Mich.	C. L. Carroll.
	WJBK	50	Ypsilanti, Mich.	Ernest F. Goodwin.
	WJBO	100	New Orleans, La.	Valdomar Jensen.
	WMOB	100	Anburn, N. Y.	Radio Service Laboratories.
	WRAK	50	Erie, Pa.	C. R. Cummins.
WRBT	50	Wilmington, N. C.	Wilmington Radio Association.	
WSVS	50	Buffalo, N. Y.	Seneca Vocational School.	
1380 Kc.—217.3 Met. Dial Reading:	KQV	500	Pittsburgh, Pa.	Doubleday-Hill Electric Co.
	KSO	1000	Clarinda, Iowa	Berry Seed Co.
	WCOS	500	Springfield, Ohio	Wittenberg College.
	WHBL	1000	Sheboygan, Wis.	Press Publishing Co.
1390 Kc.—215.7 Met. Dial Reading: 10.0	KOW	500	Denver, Colo.	Associated Industries Bdestg. Corp.
	KFPY	500	Spokane, Wash.	Symons Investment Co.
	KLRA	1000	Little Rock, Ark.	Arkansas Broadcasting Co.
	KWSC	500	Pullman, Wash.	State College of Washington.
	KUOA	1000	Fayetteville, Ark.	University of Arkansas.
	WHK	1000	Cleveland, Ohio	Radio Air Service Corp.
1400 Kc.—214.2 Met. Dial Reading: 10.9	WBAA	500	LaFayette, Ind.	Purdue University.
	WBBC	500	Brooklyn, N. Y.	Brooklyn Broadcasting Corp.
	WCGU	500	Sea Gate, Coney Island, N. Y.	U. S. Broadcasting Corp.
	WCMA	500	Culver, Ind.	Culver Military Academy.
	WKBF	500	Indianapolis, Ind.	Noble Butler Watson.
	WLTH	500	Brooklyn N. Y.	Voice of Brooklyn, Inc.
	WSDA	500	Brooklyn N. Y.	Amateur Radio Spec. Co.
1410 Kc.—212.6 Met. Dial Reading: 8.9	KFLV	500	Rockford, Ill.	Swedish Evang. Mission Church.
	KGRS	1000	Amarillo, Texas	Gish Radio Service.
	WDAG	1000	Amarillo, Texas	J. Laurence Martin.
	WDEL	250	Wilmington, Del.	WDEL, Inc.
	WDGY	500	Minneapolis, Minn.	Dr. George W. Young.
	WHDI	500	Minneapolis, Minn.	Wm. Hood Dunwoody Institute.
	WKBH	500	LaCrosse, Wis.	Callaway Music Co.
	WSKC	500	Bay City, Mich.	World's Star Knitting Co.
1420 Kc.—211.1 Met. Dial Reading:	KFIF	50	Portland, Oreg.	Benson Polytechnic School.
	KFIZ	100	Fond du Lac, Wis.	Fond du Lac Commonw'th Reporter.
	KFQU	100	Holy City, Calif.	W. E. Riker.
	KFQW	100	Seattle, Wash.	KFQW, Inc.
	KFXD	50	Jerome, Idaho	Service Radio Co.
	KFXV	100	Flagstaff, Ariz.	Mary M. Costigan.
	KGCN	50	Concordia, Kans.	Concordia Broadcasting Co.
	KGCX	10	Vida, Mont.	First State Bank of Vida.
	KGFF	100	Alva, Okla.	Earl L. Hampshire.
	KGFT	100	Los Angeles, Calif.	Ben S. McClashan.

Call Letters	Power	Location	Owner
1420 Kc.—211.1 Met.			
KGFW	50	Ravenna, Nebr.	Otto F. Söthman.
KGHD	5	Missoula, Mont.	Elmore Nash Broadcasting Corp.
KGTT	50	San Francisco, Calif.	Glad Tidings Temple & Bible Inst.
Dial Reading: 7 1/2 - 7 1/2		KICK	100 Red Oak, Iowa
		KMED	50 Medford, Oreg.
		KOCW	100 Chickasha, Okla.
		KORE	100 Eugene, Oreg.
		KWP	15 Seattle, Wash.
		KXRO	50 Aberdeen, Wash.
		WAAD	25 Cincinnati, Ohio
8 1/2 - 8		WBEDH	30 Erie, Pa.
		WHPP	100 New York, N. Y.
		WIAS	100 *Ottumwa, Iowa
		WIBR	50 Steubenville, Ohio
		WKBP	50 Battle Creek, Mich.
		WKBT	50 New Orleans, La.
		WLBF	100 Kansas City, Kan.
		WLBH	30 Farmingdale, N. Y.
		WLEX	50 Lexington, Mass.
8 1/8 1/2		WMBC	100 Detroit, Mich.
		WMBH	100 Joplin, Mo.
		WMBRJ	10 Jamaica, N. Y.
		WQBZ	60 Weirton, W. Va.
		WSRO	100 Middletown, Ohio
		WSSH	100 Boston, Mass.
1430 Kc.—209.7 Met.			
WBRL	500	Tilton, N. H.	Booth Radio Laboratories.
WCAH	250	Columbus, Ohio	Commercial Radio Service Co.
Dial Reading:		WGBC	500 Memphis, Tenn.
		WICC	500 Easton, Conn.
9 1/2 - 7 1/2		WMBS	500 Lemoyne, Pa.
		WNBR	500 Memphis, Tenn.
1440 Kc.—208.2 Met.			
KGY	50	Lacey, Wash.	St. Martins College.
KLS	100	Oakland, Calif.	Warner Bros.
Dial Reading:		WABF	250 Kingston, Pa.
		WABO	
9 - 8		WHEC	500 Rochester, N. Y.
		WMAC	500 Cazenovia, N. Y.
		WMBD	500 Peoria Heights, Ill.
8 - 8 1/2		WNRC	500 Greensboro, N. C.
		WOKO	500 Peekskill, N. Y.
		WRAX	250 Philadelphia, Pa.
		WTAD	500 Quincy, Ill.
1450 Kc.—206.8 Met.			
KSBA	1000	Shreveport, La.	W. G. Patterson.
WBMS	250	Union City, N. J.	WBMS Broadcasting Corp.
Dial Reading:		WFJC	500 Akron, Ohio
		WIBS	250 Elizabeth, N. J.
		WJAY	500 Cleveland, Ohio
		WKBO	250 Jersey City, N. J.
		WNBH	250 New Bedford, Mass.
7 - 7		WNJ	250 Newark, N. J.
		WSAR	250 Fall River, Mass.
		WTFI	500 Toccoa, Ga.
1460 Kc.—205.4 Met.			
←KSTP	10000	Westcott, Minn.	National Battery Broadcasting Co.
Dial Reading: 8 - 7		WTFE	10000 Mt. Vernon, Va.
		WJSSV	11111 VA.
1470 Kc.—204.0 Met.			
KFJF	5000	Oklahoma City, Okla.	National Radio Manufacturing Co.
Dial Reading: 8 - 7 1/2		KGA	5000 Spokane, Wash.
		WKBW	5000 Buffalo, N. Y.
		WRUF	5000 Gainesville, Fla.
1480 Kc.—202.6 Met.			
WHT	5000	Deerfield, Ill.	Radiophone Broadcasting Corp.
Dial Reading:		WJAZ	5000 Mt. Prospect, Ill.
		WORD	5000 Batavia, Ill.
1490 Kc.—201.6 Met.			
WBAW	5000	Nashville, Tenn.	Waldrum Drug Co.
Dial Reading: 7 1/2 - 7		WLAC	5000 Nashville, Tenn.
1500 Kc.—199.9 Met.			
KFBL	50	Everett Wash.	Leese Bros.
Dial Reading:		KFCR	100 Santa Barbara, Calif.
		KFUP	100 Denver, Colo.
		KFWO	100 Avalon, Calif.
		KFXJ	50 Edgewater, Colo.
		KFYO	100 Breckinridge, Texas
		KGDR	100 San Antonio, Texas
		KGHI	15 Little Rock, Ark.
		KGHX	50 Richmond, Texas
		KGKB	100 Goldthwaite, Texas
		KPJM	15 Prescott, Ariz.
		KUJ	10 Long View, Wash.
		KVL	100 Seattle, Wash.
		KWBS	15 Portland, Oreg.
		KWTC	100 Santa Ana, Calif.
		WAFD	100 Detroit, Mich.
		WALK	50 Willow Grove, Pa.
		WCBA	100 Allentown, Pa.
		WCLB	100 Long Beach, N. Y.
		WHBW	100 Philadelphia, Pa.

Call Letters	Power	Location	Owner
1500 Kc.—199.9 Met.			
Dial Reading:			
WIBZ	15	Montgomery, Ala.	Alexander D. Trum.
WKBV	100	Brookville, Ind.	Knox Battery and Electric Co.
WKBZ	50	Ludington, Mich.	K. L. Ashbacher.
WLBX	100	Long Island City	John N. Brahy.
WLOE	100	Chelsea, Mass.	William S. Pote.
WMBA	100	Newport, R. I.	LeRoy Joseph Beebe.
WMBM	10	Memphis, Tenn.	Seventh Day Adventist Church.
WMBQ	100	Brooklyn, N. Y.	Paul J. Gollhofer.
WMES	50	Boston, Mass.	Massachusetts Educational Society.
WNBF	50	Endicott, N. Y.	Howitt-Wood Radio Co.
WNBQ	15	Rochester, N. Y.	Gordon P. Brown.
WOO	100	Philadelphia, Pa.	John Wanamaker.
WPSW	50	Philadelphia, Pa.	Philadelphia School of Wireless Tel.
WRBJ	10	Hattiesburg, Miss.	Woodruff Furniture Co.
WSAN	100	Allentown, Pa.	Allentown Call Publishing Co.
WWRL	100	Woodside, N. Y.	William H. Reuman.

AMERICAN SHORT WAVE BROADCASTING STATIONS

Call	Meters	Kilo-cycles	Power	Location	Owner
1XAA	200	1500	7.5	Providence, R. I.	S. N. Read
1XAB	63.79	4700	250	Portland, Me.	Henry P. Rines
2XAC	105.9	2833	50	New York, N. Y.	Atlantic Broadcasting Corp.
2XAD	10 to 50 meters		40000	Schenectady, N. Y.	General Electric Co.
2XAF	10 to 50 meters		25000	Schenectady, N. Y.	General Electric Co.
2XAL	30.91	9700	500	New York	Experimenter Publishing Co.
2XBA	65.18	4600	50	Newark, N. J.	WAAM, Inc.
2XBH	54.02	5550	225	Brooklyn, N. Y.	Chas. G. Unger
2XE	106	2498	500	New York	Atlantic Broadcasting Corp.
3XL	59.96	5000	30000	Boundbrook, N. J.	Radio Corporation of America
4XA	125	2400	5000	Whitehaven, Tenn.	WREC, Inc.
4XA	120	2500	5000	Whitehaven, Tenn.	WREC, Inc.
4XE	Variable		2000	Winter Park, Fla.	Wm. J. Lee
6XAD	53.07	5650	100	Avalon, Calif.	Lawrence Mott
6XAI	107.1	2801	100	Los Angeles, Calif.	Los Angeles Radio Club
6XAI	66.04	4540	50	Los Angeles, Calif.	Los Angeles Radio Club
6KAK	108.2	2773	50	Eureka, Calif.	F. W. Morse
6XAN	105.9	2830	250	Los Angeles, Calif.	Freeman Lang
6XAR	Variable		50	San Francisco	J. Brunton & Sons
6XBH	106.6	2814	50	Holy City, Calif.	W. E. Riker
6XBX	105	2857	50	Venus, Calif.	McWhinnie Electric Co.
7XAB	105.9	2833	100	Spokane, Wash.	Symons Investment Co.
7XAO	53.54	5603	100	Portland, Oreg.	Wilbur Jerman, Inc.
7XO	54.02	5553	100	Spokane, Wash.	N. W. Radio Service Co.
8XAL	52.69	5690	250	Cincinnati, Ohio	Crosley Radio Corp.
8XAO	32	9370	75	Detroit, Mich.	WJR, Inc.
8XF	66.04	4540	500	Cleveland, Ohio	Radio Air Service
8XJ	54.02	5553	50	Columbus, Ohio	Ohio State University
8XK	Variable			Pittsburgh	Westinghouse E. & M. Co.
8XP	Variable			Pittsburgh	Westinghouse E. & M. Co.
9XAB	105	2857	50	Omaha, Nebr.	R. J. Rockwell
9XU	61.06	4910	50	Council Bluffs, Iowa	Mona Motor Oil Co.

Distance Reception Again In Order

STATIONS many miles away will come rolling in again as a result of Commission action in clearing channels; reallocation hard on stations, but fine for listeners.

DISTANCE reception may be possible again this winter. The reallocation by the Federal Radio Commission should permit listeners with average sets to bring in stations from Canada to Mexico, from the Atlantic to the Pacific.

The primary thing accomplished by the Commission was to clear forty channels by permitting only one station to operate simultaneously on each. These cleared-channel stations will be permitted to use from 20,000 to 50,000 watts and they should cover a lot of territory.

Under an amendment to the law, it was necessary for the Commission to redistribute broadcasting transmitting facilities so that each of the five radio zones might have an equal number of stations, wave lengths or channels, and time on the air. The law also required that the facilities within each zone be divided equitably between the states thereof, according to population.

Still another end was sought in the reallocation—the improvement of radio reception through the elimination of the heterodyne

whistles which accompanied many of the programs tuned in last winter.

The Commission had nearly 700 stations. To have permitted all of these stations to operate full time with the power they were using at the time the Commission was created would have required between 300 and 400 channels, if interference was to be avoided.

The Commission had only 90 broadcasting channels, or about one-fourth the number it needed to take care of all the stations.

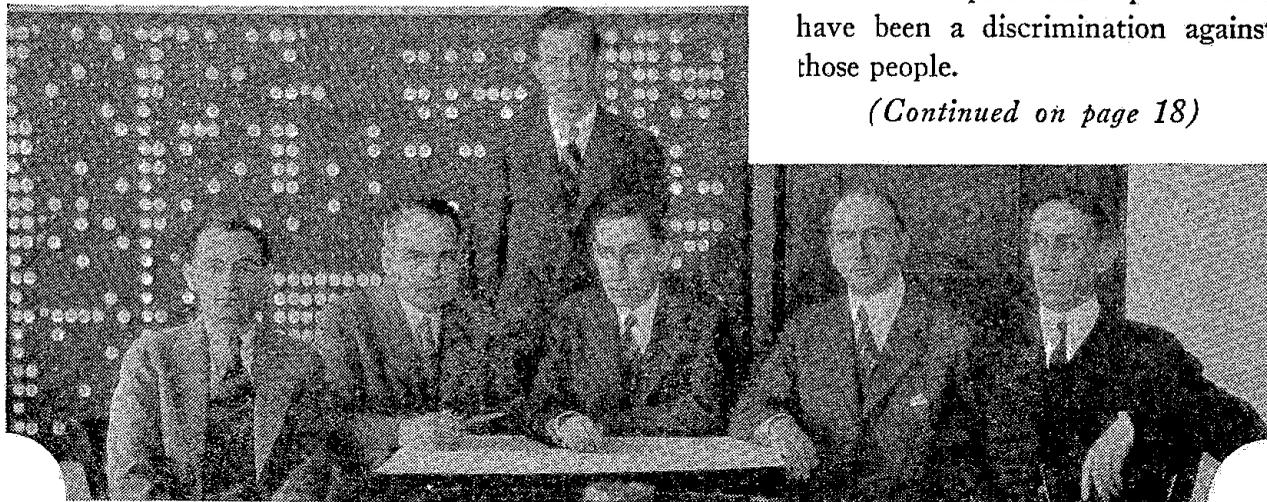
One solution suggested to the Commission was that the power of all stations be reduced to the point where many of them could operate simultaneously on the same channel without spoiling each other's programs.

This solution did not seem desirable. It would have meant an end to distant programs of any kind. In order for a station to reach out to a distance with clear programs, it must use plenty of power and be protected against the interference of other stations.

Half of the population of the United States is dependent on distant programs, living 100 miles or more from a broadcasting station.

To have adopted such a plan would have been a discrimination against those people.

(Continued on page 18)



FEDERAL RADIO COMMISSION—MR. PICKARD, MR. CALDWELL, JUDGE SYKES, MR. LAFOUNT, AND MR. ROBINSON, WITH CARL EUTMAN, SECRETARY, STANDING IN REAR.



GENE TUNNEY

JOHAN D. ROCKEFELLER, Jr., would make a good radio announcer. Gene Tunney, former boxing champion, would not make a success in broadcasting unless he learned to conquer his nervousness before the microphone.

Radio might prove fatal to Morris Gest, noted theatrical producer. The microphone stretched him on his back after his first encounter with it. Feodor Chaliapin, opera singer, was nervous at first but soon learned to enjoy radio broadcasting.

These observations are culled from the personal experiences of managers of stations who have been present when the great and near great have made their radio debuts.

Patrick Cardinal Hayes was calm and self-possessed when he first spoke into the "mike." Lucrezia Bori, operatic star, seemed to get a lot of enjoyment from broadcasting and smiled and chuckled like a pleased child.

Edith Mason, an English actress, had to have a cup of strong tea before speaking to the unseen audience. As soon as she had the tea she was quite calm.

James Kirkwood, prominent actor, actually trembled as he faced the "mike." Kirkwood then told the announcer that a theatre full of people didn't bother him in the least, but that

MIKE SCORES Knockout Over GENE TUNNEY

EX-CHAMPION would rather face almost any fighter in preference to microphone; "Mike" has same effect on most notables during their first appearance.

there was something uncanny in the metal disk.

When Chaliapin first appeared for a rehearsal before making his radio debut, he removed his coat, collar and tie. In some manner his collar button was lost. A general hunt for the famous singer's collar button followed. It was not found and the singer left the studio with his collar apparently preparing to fly away. Chaliapin took the incident good naturedly, however.

Chaliapin usually works before the microphone clad in his oldest clothes. He says he likes to be comfortable while working and that the operatic stage doesn't often give him such an opportunity.

Gene Tunney may feel at home in the ring, but he was nearly frightened to death when he first appeared before a microphone. As soon as the broadcast was over he asked everyone he met, "Did I get over all right?"

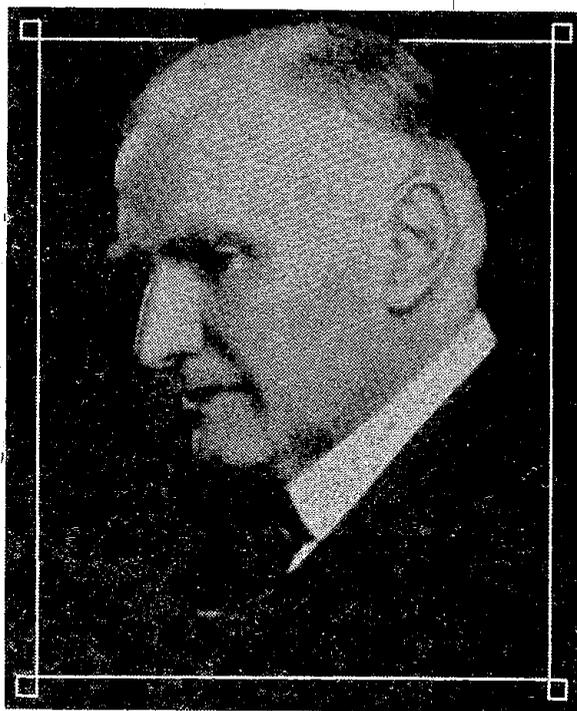
With the microphone, familiarity may bring composure but never contempt. Even the veterans of broadcasting have a wholesome respect for the device that has the power to send their voices on journeys of thousands of miles.

Every school in Cuba is to be equipped with radio receiving apparatus in order that educational programs may be tuned in, according to a report. The students plan to construct their own sets.

Music Expresses Joy, Sorrow, Laughter and Song

By WALTER DAMROSCH

FORMER director of New York Symphony to interpret the language of music to nation-wide audience each Friday throughout entire winter.



MR. DAMROSCH

MUSIC is a language of such emotions as are experienced from day to day—joy, sorrow, laughter and singing. That is what I hope to show the young people in the series of forty-eight symphonic concerts which are to be broadcast to the school children of the United States over the National Broadcasting Co. system this winter.

The concerts are to be in four series graded according to the mental development of children and young people from the third grade through high school and college.

In developing my plans for these concerts I am following the identical system which I used during my thirty years of children's concerts at Carnegie Hall. First I shall introduce the children to my musical family—the orchestra. They will learn to recognize the various instruments, to distinguish the sound of the piccolo from that of the flute, the trumpet from the horn, the viola from the violin. I shall explain to them what there is about the music of an oboe that makes a composer write sad passages for this instrument, why the music for the flute is usually light and gay, why the trombone is used for solemn effects, the trumpet for war and conflict.

The programs for the concerts are already arranged. They are made up entirely of the works of the great masters. I have graded

them carefully to suit the mental and emotional development of the children who will hear them. Children in the third grade cannot be expected to comprehend as fully as the older groups in high school and college. This is why I shall give four different series of concerts.

The first series will be for children in the third and fourth grades, the second for fifth and sixth grades, the third for the seventh grade and junior high schools, and the fourth for the high schools and colleges.

One complete concert will be devoted to bringing out the quality of the percussion instruments. Another demonstrates the flute and clarinet, still another the English horn, bassoon and oboe. Interspersed among these are other programs with such headings as "animals in music," "fairies in music" and "nature in music."

The whole purpose of this series is to develop a real love and appreciation of music. Once they discover this, music will no longer seem strange to them.

These young radio listeners will be the symphonic audiences of the future. Learning to like good music when they are young, they will continue to do so when they are older and will seek to satisfy their love of music by go-

ing to the concerts of symphonic orchestras. After all, appreciation of great art is largely a matter of habit, and habits are formed more easily when one is young.

The complete list of subjects for the Grades 3 and 4 series follow:

The broadcasts will take place at 11 o'clock on Friday mornings. This is the complete list of subjects for the Grades 3 and 4 series:

Oct. 26—My Musical Family (the orchestra).

Nov. 9—The Magic Door (The Overture).

Nov. 23—Fairies in Music.

Dec. 14—Nature in Music.

Jan. 4—Animals in Music.

Jan. 18—Violin and Violincello.

Feb. 1—Flute and Clarinet.

March 1—Oboe, English Horn and Bassoon.

March 15—Horn and Trumpet.

April 5—Trombone and Tuba.

April 19—The Percussion Instruments.

May 3—Dances.

A somewhat similar grouping of subjects has been arranged for Grades 5 and 6. The compositions chosen, however, are slightly more difficult. The dates and subjects follow:

Nov. 2—My Musical Family.

Nov. 16—Violin, Viola and Violincello.

Dec. 7—Flute and Clarinet.

Dec. 21—Oboe, English Horn and Bassoon.

Jan. 11—Horn and Trumpet.

Jan. 25—Trombone and Tuba.

Feb. 8—Kettledrums and Cymbals.

March 8—Percussion; Tambourine, Triangle, Xylophone, Bass Drum.

March 22—Nature in Music.

April 12—Animals in Music.

April 26—Fun in Music.

May 10—Sorrow in Music.

In the Junior High School series for Grades 7, 8 and 9, we begin to take up the forms of music, such as the symphony and symphonic poem. As in the other series, we give detailed attention to the various instruments.

These broadcasts occur on Friday mornings at 11.30. The dates and subjects follow:

Oct. 26—My Musical Family.

Nov. 9—The Stringed Instruments.

Nov. 23—Flute and Clarinet.

Dec. 14—Oboe, English Horn and Bassoon.

Jan. 4—Horn and Trumpet.

Jan. 18—Trombone and Tuba.

Feb. 1—Percussion Instruments, Kettledrums and Military Drum.

March 1—Percussion, Cymbals and Tambourine.

March 15—The Symphony.

April 19—The Symphony.

May 3—The Symphonic Poem.

The High School and College series includes musical compositions practically the equivalent of what would be played as a regular symphony concert, although the grouping of subjects is almost identical with that of the former series. There are two complete programs, however, illustrating the symphony. The dates and subjects follow:

Nov. 2—Emotions in Music.

Nov. 16—The Overture.

Dec. 7—The Stringed Instruments.

Dec. 21—Flute and Clarinet.

Jan. 11—Oboe, English Horn and Bassoon.

Jan. 25—Horn and Trumpet.

Feb. 8—Trombone and Tuba.

March 8—Percussion, Kettledrums.

March 22—Percussion, Drums, Cymbals, Tambourine.

April 12—The Symphonic Poem.

April 26—The Symphony.

May 10—The Symphony.

The series of concerts will be known as the RCA Educational Hour, and will be broadcast through the following stations associated with the NBC System: WJZ, New York; WBZ, Springfield; WBZA, Boston; WBAL, Baltimore; WHAM, Rochester; KDKA, Pittsburgh; WJR, Detroit; WLW, Cincinnati; KYW, Chicago; KWK, St. Louis; WHAS, Louisville; WSM, Nashville; WMC, Memphis; WSB, Atlanta; KOA, Denver; WTMJ, Milwaukee; WCCO, Minneapolis; KVOO, Tulsa; WFAA, Dallas; KPRC, Houston; WOAI, San Antonio; WOC, Davenport; WHO, Des Moines; WOW, Omaha; WDAF, Kansas City, and WRC, Washington.

Oil Treasures Located by Use of Radio

BY O. H. CALDWELL
Federal Radio Commissioner

AS you sit twirling the main dial on your radio receiving set—the dial which “tunes in” and “tunes out” the various broadcasting stations—have you ever wondered what unknown regions lie on either side of the broadcasting band itself—wondered what you would hear if only your dial could be tuned beyond those end-stops which so completely block its rotation both to the right and to the left?

Supposing you first swing your dial up past WJZ and WEAJ and on to the very end of the scale in that direction. Listen a minute at the very extreme position, and you will hear the shrill code calls of ships at sea. And if you could turn further, you would hear more ships and still more ships, and then the trans-Atlantic code messages, and possibly even conversations over the trans-ocean telephone circuit which links New York with London and Paris. The waves on that side are the “long waves.”

Now swing your dial as far as you can in the opposite direction—down past KSTP, past WKBW and even past WTFF. Quickly it comes to another plumb stop, and will go no further—yet beyond that obstinate barrier—the “200-meter line” — stretches away the vastest of radio's territories, the region of the “short waves”—a veritable terra incognita, tremendous in expense, and as yet unknown in possibilities.

Scattered all along this great stretch of kilocycles are the precious new short waves for which so many commercial, public - service, private and scientific interests are now contending. Meanwhile, of course, many

of these short waves are already being used by the Army and the Navy, and by the Lighthouse and Airways Services to operate ship compasses, ship beacons, fog signals, airplane beacons, directional flying beams and miscellaneous safety-to-life signals.

For instance, the newspapers and the newspaper services have come to the Commission for these “short” wavelengths, to operate trans-Atlantically and also to disseminate news all over this country. The proposal is to have a central distributing system by which in certain centers the news as broadcast by code can be picked up by automatic machines and re-distributed, so that every little newspaper will have its latest syndicate news right over the ether.

Of course, the regular communication companies want service on these short waves. A new form of service is now being proposed—that of “fac-similes.” In the future, when you send a telegram home to your wife, you will simply write out the message and hand it in, and an actual picture or fac-simile of your handwriting of that telegram will be handed to your wife at her door. In the same way, it is possible to send designs, styles, maps and any other form of picture.

The airplane companies are coming for these short waves, of course, for to communicate with an airplane is absolutely essential. The ground dispatcher should be able to tell the aviator if there is a storm ahead, to go right or left, or above it. And lately there have been developed some wonderful directional-beam systems by which an airplane can sail



MR. CALDWELL

right straight down a radio beam, and if it goes to the right or left a signal appears, right before the aviator's eyes, so he can get back on the track. He can go through a dead fog in the dark of night and keep directly on his course, right back to his home station. And when he passes over one of these beacons there is a characteristic interruption in the signal which automatically gives him a record of his location. So as he sails along he has a beam which he can follow, and then when he finally comes to the source of that beam, and before he goes on to the next one, he gets a momentary signal which gives him his location. Then he goes on into the next beam.

Navigation companies want these short waves for communicating with ships. We also have compasses now, operated by radio. The radio compass is of the greatest value in locating the position of a ship when other methods of navigation fail.

The railroads want these short waves to communicate between their cabooses and locomotives.

Electric railways want the short waves for dispatching.

The bus systems out in California want the waves so that, as the busses roll along, with a radio set and transmitter on each bus, their operators can keep in touch with the whole system.

Department stores have planned a method of simultaneously recording costs by radio, all in touch with each other, so that their operations are reported in a whole chain of department stores.

Power transmission systems are demanding these short waves for use in case of breakdown of their lines, because, of course, when a power line goes down the telephone lines go down, too, and only the radio can get through. Here radio is vital, because when a power line goes down, it means darkness and crime; the water supply may be cut off, a menace to health, and factory shut-downs discommode the whole community. So, it would seem of the utmost importance to save at least some short waves for the power companies.

The mining and oil companies want short

waves to communicate with plants up in the mountains.

Lumber companies want them because they move about from time to time in their lumbering operations and they cannot move elaborate poles and wires.

The motion-picture producers of Hollywood have come to us for these waves, because in the morning when a studio truck goes out into the mountains or the desert to take pictures, after they have been out half a day they may need some false whiskers or other props. In that case they simply radio back to Hollywood and the home office can send a man out on a motorcycle and thus save a lot of expense in the salaries of movie stars who receive \$10,000 a week.

Forest-fire watchers, ranch owners, radio manufacturers, hotel owners—all want the short waves. Then the geologists and oil people want them. They are now locating oil with the use of radio. A radio operator gets on one side of a suspected oil dome and sends out an explosive impulse, and they receive this on the other side, and by timing by radio the interval at which the impulses come, through the air and through the earth, they can tell whether oil is there or not.

DISTANCE RECEPTION AGAIN IN ORDER

(Continued from page 13)

The opposite suggestion was to have only 90 high-power stations operating on the 90 channels. That, of course, was undesirable because it would have deprived many communities of their local stations.

The Commission adopted a plan which was a compromise between the two proposals.

It assigned 40 channels to high-power stations, with only one station operating simultaneously on each; 44 channels were assigned to regional stations, and 6 to local stations.

Before adoption of the plan, there were nearly 600 stations operating simultaneously. Under the new arrangement, less than 200 stations of power greater than 100 watts can operate simultaneously.

EARRINGS Can CHANGE Feminine PERSONALITY

ORIGINAL "Radio Girl" claims slender black ear ornaments can transform a Sunday School teacher into a woman with the soul of an adventuress.

VAUGHN DE LEATH, the original "Radio Girl," is ambitious to acquire the largest and most representative collection of earrings outside of the museums.

The ear ornaments must meet one requirement, Miss De Leath insists. They must be wearable.

"I see no use in collecting ornaments unless the ornaments may be displayed," she says. "Earrings in glass cages don't interest me at all."

The De Leath collection of earrings, believed to be one of the largest private collections in the country, now includes more than 100 pairs. The jewelry of a dozen nations is represented in the collection and some of the ornaments are several centuries old.

Pearls, diamonds, carved ivory, tortoise shell, aquamarine, onyx, coral, jet, gold and silver are some of the many materials used in the earrings. The designs defy classification. One pair of earrings, exotic things, were given to Miss De Leath by an Indian maharajah. An Italian count made a gift of jet ornaments. Occasionally Miss De Leath wears a single earring, a quaint bit of gold in the shape of a key. This bauble has been in her family more than 100 years.

A pair of Egyptian scarabs, perhaps thousands of years old, have been made into another set of earrings.

Earrings from Turkey, Russia, Japan, Italy, France, England, China, Nepal, Egypt,

Northern Africa and South America are in the collection.

Miss De Leath started collecting earrings when a child. She always wears earrings and usually selects a pair to harmonize with her mood or with the mood she must use for her work.

"When I have to sing a gypsy song or some melody with a Spanish lilt to it, I wear the hoop type of earrings," she explains. "If my program includes soft, sweet, sentimental airs, then I select earrings such as one sees on portraits of the demure little girls of the hoop-skirt period. Jazz numbers call for odd shapes and brilliant colors in ornaments.

"It's really remarkable what earrings will do to one's personality. A pair of slender black ornaments, almost long enough to touch the shoulders will transform a Sunday School teacher into a

woman with the soul of an adventuress—and every woman wants to feel like an adventuress occasionally."



MISS DE LEATH

Mayors of Wisconsin cities prefer classical music to jazz when they tune in radio programs, according to a survey conducted by WTMJ, of Milwaukee.

Sixty Wisconsin mayors answered the questions and only nine preferred jazz. The remaining fifty-one asked for classical, semi-classical and old folk numbers.

Brilliant Radio Grand Opera Season for Music Lovers



SUZANNE KEENER

"ROMEO and Juliet, Cavalleria Rusticana, Fidelio and Hansel and Gretel on program for Monday night presentations through N. B. C. network; most pretentious radio operatic schedule ever attempted.



PAULA HEMINGHAN

By RUTH HOWELL

THERE'S nothing so gala as grand opera, even at home on the radio. And the National Broadcasting Co., will have a brilliant opera season of its own this year. As a matter of fact, the season has already started, and the National Grand Opera Co. will be well along in the repertoire of operas suitable for radio presentation before the Metropolitan has thought of opening its doors. The weekly schedule began September 17, and already we've heard "Aida," "Rigoletto," "I Pagliacci," "Faust," and others.

This season's schedule is the most pretentious that has been attempted. But with the success of former years, with greatly increased public interest, and with artists trained by years of radio work as well as in visual opera, there is no doubt that these operas will make excellent and enjoyable programs. The only other similar radio offering of the season will be the series by the Chicago Opera Co. This will not come so frequently, however, nor on so many stations as will be used for the National Grand Opera Co. broadcasts.

The grand opera presentations for this season will be longer and more inclusive than formerly, consuming an hour and a half, regularly on Monday evenings from 9.30 to 11, eastern standard time. In past years, radio operas have required only an hour for performance, and have necessarily been short, often slightly hurried and a bit confusing to the listeners. Cesare Sodero, conductor and man-

ager of the company for the past seasons, will be able to use

more operas this year in the increased broadcasting time. There will also be more time for the intervals of dialogue—called recitative in opera—which give the life to a stage performance.

Preparing a long opera for a comparatively short broadcast time is a tedious task, and one that requires much time and thought, as well as excellent judgment. The radio-opera productions we get are constantly improving. Artists sing with more interest, and there is more time allowed between arias, choruses, etc. Overtures, which determine the atmosphere for operatic presentations, are now being included in the program, and both in these and in the accompaniments, the enlarged orchestral support is evident.

The operas to be offered this season on the radio include the most famous works of many composers. Following is the schedule of Monday night radio operas for two months:

Nov. 5	Cavalleria Rusticana.....	Mascagni
Nov. 12	Romeo et Juliette.....	Gounod
Nov. 19	Le Cid.....	Massenet
Nov. 26	The Light From St. Agnes.	Harling
Dec. 3	L'Amico Fritz.....	Mascagni
Dec. 10	Fidelio	Beethoven
Dec. 17	Lucia di Lammermoor...	Donizetti
Dec. 24	Hansel and Gretel...	Humperdinck
Dec. 31	Shanewis	Cadman

KICK OFF! SCRIMMAGE! FORWARD PASS! TOUCHDOWN!

ALL of the big intercollegiate football games will be broadcast this season over the National Broadcasting System. Two games will be broadcast each Saturday afternoon. Graham McNamee will cover one game and Phillips Carlin will be assigned to the other.

While the complete networks for all broadcasts will not be known until a few days before the games are played, a number of stations already have agreed to take the sports feature. Many others probably will follow suit.

Here are the stations, time and announcers for the games:

Dartmouth-Yale at New Haven at 1.45 p. m., eastern standard time, Nov. 3; Carlin announcing; over stations WEA, WEEI, WTIC, WLIT, WRC, WGY, WGR, WCAE, KPRC.

Ohio-Princeton at Columbus at 1.45 p. m., eastern standard time, Nov. 3; McNamee announcing; over stations WJZ, WHAM and KWK.

Navy-University of Michigan at Baltimore at 2.15 p. m., eastern standard time, Nov. 10; McNamee announcing; over WJZ, WBAL, WHAM, KWK, KYW, KPRC.

Army-Notre Dame at Yankee Stadium, New York, at 1.30 p. m., eastern standard time, Nov. 10; Carlin announcing; over stations WEA, WTIC, WRC, WGY, WGR, WCAE, WGN, KSD, WOC.

Chicago-University of Illinois at Chicago at

2.45 p. m., eastern standard time, Nov. 17; McNamee announcing; over stations WJZ, WHAM and KYW.



GRAHAM McNAMEE

GRAHAM McNAMEE and Phillips Carlin to report football to radio audience through large network of stations; two games to be broadcast each Saturday afternoon.

Yale-Princeton at Princeton at 1.45 p. m., eastern standard time, Nov. 17; Carlin announcing; over stations WEA, WEEI, WTIC, WLIT, WRC, WGY, WGR, WCAE, KSD, KPRC and WHAS.

Yale-Harvard at New Haven at 1.45 p. m., eastern standard time, Nov. 24; McNamee announcing; over stations WEA, WEEI, WTIC, WCSH, WRC, WGY, WGR, WCAE, KSD and WRHM.

Princeton-Navy at Philadelphia at 1.45 p. m., eastern standard time, Nov. 24; Carlin announcing; over stations WJZ, WHAM, KYW, KWK, WHAS and KPRC.

Cornell-Pennsylvania at Philadelphia at 1.45 p. m., eastern standard time, Thanksgiving Day, Nov. 29; McNamee announcing; over stations WEA, WTIC, WCSH, WLIT, WRC, WGY, WGR, WCAE and WCCO.

Pennsylvania State-University of Pittsburgh at Pittsburgh at 1.45 p. m., eastern standard time, Nov. 29; Carlin announcing; over stations WJZ, KYW, and KWK.

CONVENIENCE AND PLEASURE! SURPRISES AND THRILLS!

The next issue of Stevenson's Radio Bulletin will be on the news stands January 1. Start the new year right! Don't miss it!

She Preferred Bathrobe to Ukulele

BUT the store refused to exchange her gift so she learned how to play the instrument; now May Breen is one of the outstanding ukulele players of the country.

FIVE years ago a girl friend gave May Singhi Breen a ukulele for Christmas. Miss Breen tried to trade in the uke for a bathrobe, but the department store didn't care to mix music department accounts up with negligees and she had to keep the present. Practical in all things, she decided to learn to play the uke. Which she did.

That is the real story of how May Singhi Breen, the "Ukulele Lady," became a radio entertainer.

Now her name appears on sheet music all over the world as author of the ukulele arrangement. She has the largest ukulele class in the world. Songs and tunes she has written are played and sung wherever popular music is popular.

Peter De Rose is a slender, dark chap with a slender, dark moustache and romantic eyes. He plays piano accompaniments for Miss Breen, sings and also is Miss Breen's fiance. The last being the most important, in the opinion of Mr. De Rose.

Incidentally he wrote "Muddy Water" and a number of other song hits that have made money for the publishers. Mr. De Rose says he became a radio entertainer because he met Miss Breen.

The Breen-De Rose romance is intriguing many thousands of people. In fact the public has been in on the secret for some time, for Miss Breen and Mr. De Rose announced their engagement during one of their weekly programs not long ago. Letters from radio



MAY AND PETE

enthusiasts, received before the announcement of the engagement, indicated that the public had an inkling of the romance.

"One woman wrote and said she felt sure we were either engaged or married because of the feeling we put in the love songs," Miss Breen said. "And another woman wrote that she was sure we weren't married—for the same reason."

Both Miss Breen and Mr. De Rose are born New Yorkers. Both are of Italian ancestry. Miss Breen's middle name of Singhi is a family name, she explains, and not East Indian, as many persons believe. Mr. De Rose's real name is De Rosa, but he changed it in order to avoid confusion with the name of another writer of popular songs.

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READING 'WRITING and 'RITHMETIC via RADIO

By CHARLES W. BURTON,
Sup't. of Broadcasting, Station WEEI

PERHAPS more has been said than done about utilizing radio for educational purposes; Station WEEI setting noteworthy example with "Studio - to - Schoolroom" series of programs.

THERE has been a great deal of talk about the value of radio as an educator. We keep hearing and reading about a proposed college of the air. But until Station WEEI established a "Studio-to-Schoolroom" series of programs, accomplishment along that line was practically nil.

Last spring, WEEI broadcast direct to the schoolroom each Tuesday and Thursday afternoon. On those days the classes went to the assembly halls to hear the broadcasts.

The success of the project was so marked that many schools are being equipped this fall, and an extensive educational program has been planned.

WEEI had done considerable educational work in the past. The "Studio-to-Schoolroom" series, however, was the first real effort to establish radio as a worth while means of distributing education.

This fall the station intends to include in its educational series the following subjects:

book reviews for young people; readings from plays; public speaking; spelling matches; competitions in mental arithmetic; discussion of current happenings by authentic speakers, etc.

Every effort will be made to obtain speakers who have proved themselves to possess exceptional radio personality.

The State Commissioner of Education has been asked, by the station, to appoint an advisory board, comprising three prominent educators. This board will suggest subjects and speakers, and have full power to choose who shall speak and what shall be said. The station will pass only on the microphonic ability of the speaker.

Eventually, WEEI believes, thousands of school children of Greater Boston will absorb broadcast education regularly. In addition to the children, there will be many persons past the school age, who were forced to forego the educational opportunities that presented themselves during their youth.



"LISTENING"

Blanketing of Receiving Sets Not in Public Interest

By HAROLD A. LAFOUNT
Federal Radio Commissioner

WESTERN Zone Commissioner says that stations are not intended primarily for benefit of advertisers; nor is the broadcasting of too many phonograph records in the public interest.

MANY people are probably curious about the standards set up by the Commission for judging the comparative merits of stations to determine which best serves public interest.

It has been possible for the Commission to adopt a few general principles which have demonstrated themselves in the course of experience to be applicable to broadcasting stations.

The Commission believes that public interest will be best served by avoiding too much duplication of programs and types of programs. When one community is underserved and another community is receiving duplication of the same order of programs, the second community should be restricted in order to benefit the first.

The Commission believes that the limited facilities for broadcasting should not be shared with stations which give the sort of service which is readily available to the public in another form. A station which devotes the main portion of its hours of operation to broadcasting phonograph records is not giving the public anything which it cannot readily



MR. LA FOUNT

have without such a station.

Broadcasting stations are not intended for the primary benefit of advertisers. Such benefit as is derived by advertisers must be incidental and entirely secondary to the interest of the public.

A high-powered transmitting station should not be located in a congested section where it would blanket the sets of a large number of listeners.

A station which does not operate on a regular schedule does not meet the test.

The responsibility, financial and otherwise, of the station owner should be taken into consideration to determine whether he is more or less likely to fulfill the trust imposed on him. A broadcaster who is not sufficiently concerned with the public's interest in good radio reception to prevent his station from wandering off its assigned wave length is not entitled to a license.

Nor will the Commission tolerate the use of a station for matters of a distinctly private nature, where two rival broadcasters in the same community spend their time in abusing each other over the air.

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Don't miss it! Start the new year right!

VICTOR HERBERT TAUGHT Him To Love GOOD MUSIC



MR. SANFORD DIRECTING JESSICA DRAGONETTE

HAROLD SANFORD, musical director for the N. B. C., hopes to make the late Victor Herbert the best loved of all American composers. There's a reason for this ambition. For eighteen years Sanford was right-hand man to Herbert. He played first violin in the great composer's orchestras, he conducted the orchestras on occasions and he aided the maestro in orchestrations and arrangements. Sanford gives Herbert credit for almost everything he, Sanford, has in the way of musical talent. So the radio orchestra conductor, a disciple, wishes to spread the doctrine of lovely melody, learned from the master. Sanford is best known to the radio public, at present, through his work as orchestra conductor for Philco hour features.

The conductor, sans baton, isn't the typical musician. He is almost gruff in speech, then offsets his gruffness with twinkling eyes. He has a jaw that might belong to an aggressive editor or a militant Senator. He can be as cold as a banker considering a loan or as warmly enthusiastic as an actor greeting a

HAROLD SANFORD, conductor of the Philco and other orchestras, wants to make the music of his former master the best loved of all.

dramatic critic. He doesn't go in for the emotional brand of "artistic temperament" but he has the reputation of being decidedly pointed in his remarks when he doesn't get the results he wants from the group he is leading. Usually he gets results or the reason why not.

He doesn't like jazz music, but when it is part of his work to direct a jazz orchestra, he does it well and seems to submerge his personality in the syncopation.

Sanford is verging on the fifties and hopes to spend the rest of his life in radio work.

Unusual gifts have been showered upon Roxy by thousands of radio listeners who have heard his broadcasts.

One woman sent Roxy a box of flowers, saying they were the first spring blossoms from her garden. The bark of a strange tree was another gift. Dogs by the dozen have been sent to him. An admirer in Florida sent a brood of baby alligators. Another listener sent him a monkey.

Cats, baby chickens, turkeys at Thanksgiving and Christmas, and eggs at Easter have been among the gifts.

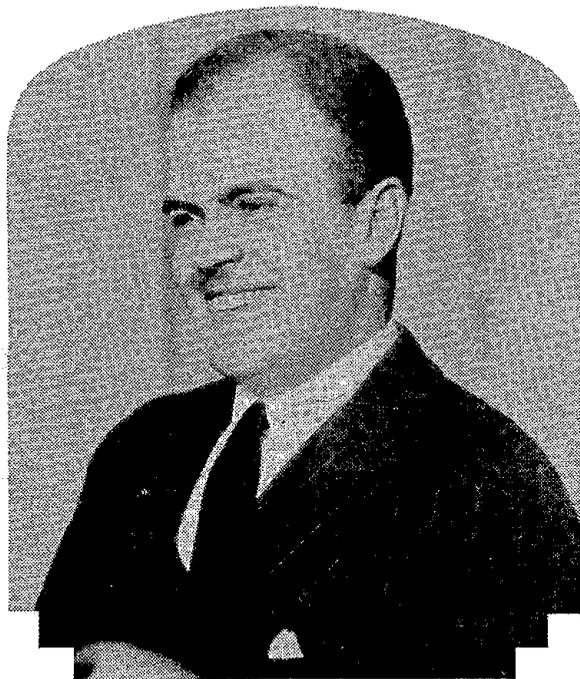
On the wind swept plains of South Dakota there's an old rancher who proudly claims to have "played with Walter Damrosch." The plainsman tells about it in a letter.

He had just tuned in on Damrosch conducting the Pilgrim's Chorus from "Tannhauser." According to his letter, he "just grabbed up his old 'cello and joined in."

"I did that," the letter confided, "so that I could say I once played with Walter Damrosch and the New York Symphony Orchestra."

Radio ANNOUNCERS Are MADE NOT BORN

A NNOUNCERS come from many walks of life; some were engineers, actors, seamen, clerks, and many were singers; no record of train announcers entering radio field.



PHIL CARLIN

“W HERE did you come from, Announcer dear?
Why, I used to be an engineer.”

That is as likely as not to be true about almost any announcer. Else he was a lawyer, a book agent or something else.

Less than a decade ago twelve men, now on the payroll of the N. B. C., little dreamed that their voices eventually would be heard by millions of persons from the Golden Gate to Cape Cod. A few of them had some hopes that their voices eventually might be heard by thousands but a national audience wasn't dreamed of.

Came radio and soon after radio came the business of being an announcer. From many walks of life the new business drafted its masters of ceremonies. Some day, perhaps, announcers will be born. At the present time, however, they have to be made.

Milton Cross, announcer at WJZ, for-

merly was a tenor soloist. He also has a nautical background as he was a seaman in the navy during the World War. His introduction to radio was as a singer and he went from that work to announcing.

Norman Sweetser tried many things before taking his place before a microphone. He studied architecture, worked as an advertising man, bank clerk, engineer, architectural draughtsman and scenic designer.

Edmund Ruffner, of WEAf, can't even remember the number of things he has done but claims, with some pride, that he worked at more than twenty different jobs in order to earn enough money to continue his study of music. He was even an actor. Finally he gained recognition as a concert singer and before long was a full-fledged radio announcer.

Marley Sherris taught music, sang on the concert stage and played leads in Gilbert and Sullivan productions before he succumbed to the lure of the Mike. Alois Havrilla started earning his living as a civil engineer. Someone discovered he had a baritone voice and the evolution of an engineer into an announcer was rapid.

Graham McNamee, best known of all announcers, was a concert baritone and still sings when he makes public appearances. Phillips Carlin was in the importing business.

Paul Dumont once was the president of a manufacturing concern. He has played professional football and basketball and was known as "the boy basso" when in his teens. Ralph Clark Wentworth was a singer. Edward Thorgerson was an engineer. Curt Peterson was a baritone soloist and an instructor in voice. Alwyn Back once was a clerk in a law office. His voice, baritone, of course, led him indirectly into the radio studios.

American Cities Having Broadcasting Stations

AN alphabetical list of all places in the United States having broadcasting stations; it can be used to find the station when the call letters are missed but the name of the city is heard; following it are lists of Canadian, Cuban and Mexican cities having stations.

Aberdeen, Wash.-----	KXRO	Cleveland, Ohio-----	WEAR, WHK,	Greensboro, N. C.-----	WNRC
Akron, Ohio-----	WADC, WFJC	WJAY, WTAM.		Greenville, Miss.-----	WRBQ
Albuquerque, N. Mex.-----	KGGM	Cliffside, N. J.-----	WCDA, WPAP,	Greenville, N. Y.-----	WCOH
Allentown, Pa.-----	WCBA, WSNM	WQAO.		Greenville, Texas-----	KTFM
Altoona, Pa.-----	WFBG	College Station, Texas-----	WTAW	Grove City, Pa.-----	WSAJ
Alva, Okla.-----	KGFT	Collegeville, Minn.-----	WFBJ	Gulfport, Miss.-----	WGCM
Amarillo, Texas-----	KGRS, WDAQ	Colorado Springs, Colo.-----	KFUM	Gunnison, Colo.-----	KFHA
Ames, Iowa-----	WOI	Columbia, Mo.-----	KFRU	Hallock, Minn.-----	KGFK
Anchorage, Alaska-----	KFQD	Columbia, S. C.-----	WRBW	Hammond, Ind.-----	WWAE
Anderson, Ind.-----	WHBU	Columbus, Ga.-----	WRBL	Hamilton, Ohio-----	WRK
Arlington, Va.-----	NAA	Columbus, Miss.-----	WCOC	Hartington, Texas-----	KRGV
Asbury Park, N. J.-----	WCAP	Columbus, Nebr.-----	KGBY	Harrisburg, Ill.-----	WEBQ
Asheville, N. C.-----	WWNC	Columbus, Ohio-----	WAIU, WCAH,	Harrisburg, Pa.-----	WBAK, WPRC
Astoria, Oreg.-----	KFJI	WEOA, WMAN.		Harrison, Ohio-----	WLW
Atlanta, Ga.-----	WGST, WSB, WHHS	Concordia, Kans.-----	KGCN	Hartford, Conn.-----	WTIC
Atlantic City, N. J.-----	WPG	Coney Island, N. Y.-----	WCGU	Hattiesburg, Miss.-----	WRBJ
Auburn, Ala.-----	WAPI	Corvallis, Oreg.-----	KOAC	Havre, Mont.-----	KFBB
Auburn, N. Y.-----	WMBO	Council Bluffs, Iowa-----	KOIL	Hayward, Calif.-----	KZM
Austin, Texas-----	KUT	Coytesville, N. J.-----	WRNY	Hoboken, N. J.-----	WPCH, WMCA
Avalon, Calif.-----	KFWO	Cranston, R. I.-----	WDWF, WLSI	Hollywood, Calif.-----	KFQZ, KMTR,
Baltimore, Md.-----	WBAL, WCAO,	Culver, Ind.-----	WCMA	KFWB, KNX.	
WFBR, WCBM.		Culver City, Calif.-----	KFVD	Holy City, Calif.-----	KFQU
Bangor, Maine-----	WABI	Dallas, Texas-----	KRLD, WFAA	Honolulu, Hawaii-----	KGHB, KGU
Barrett, Minn.-----	KGDE	WRR.		Hopkinsville, Ky.-----	WFIW
Batavia, Ill.-----	WORD	Dartmouth, Mass.-----	WMAF	Hot Springs, Ark.-----	KTHS
Battle Creek, Mich.-----	WKBP	Davenport, Iowa-----	WOC	Houston, Texas-----	KPRC, KTUE
Bay City, Mich.-----	WSKC	Dayton, Ohio-----	WSMK	Humboldt, Nebr.-----	KGDW
Bayshore, N. Y.-----	WINR	Decatur, Ill.-----	WJBL, WBAO	Huntington, W. Va.-----	WSAZ
Beaumont, Texas-----	KFDM	Decorah, Iowa-----	KGCA, KWLC	Independence, Mo.-----	KMBC, KLDS
Bellingame, Wash.-----	KVOS	Dell Rapids, S. Dak.-----	KGDA	Indianapolis, Ind.-----	WFBM,
Bellefontaine, Ohio-----	WHBD	Denver, Colo.-----	KFEL, KFUP,	WKBF.	
Bellmore, N. Y.-----	WEAF	KFXE, KILZ, KOA, KOW,	KPOF.	Inglewood, Calif.-----	KMIC
Beloit, Wis.-----	WEBW	Des Moines, Iowa-----	WHO	Iowa City, Iowa-----	WSUI
Berkeley, Calif.-----	KRE	Des Plaines, Ill.-----	WIBO	Ithaca, N. Y.-----	WLCI
Berrien Springs, Mich.-----	WEMC	Detroit, Mich.-----	WAFD, WBMH,	Jackson, Mich.-----	WIBM
Beverly Hills, Calif.-----	KEJK	WVJ, WGHP, WMBC.		Jacksonville, Fla.-----	WJAX
Billings, Mont.-----	KGHL	Devils Lake, N. Dak.-----	KDLR	Jamaica, N. Y.-----	WMRJ
Birmingham, Ala.-----	WBRC, WKBC	Dover, Maine-----	WLZ	Jamestown, N. Y.-----	WOCL
Bismark, N. Dak.-----	KFYR	Dublin, Texas-----	KFPL	Jefferson City, Mo.-----	WOS
Blytheville, Ark.-----	KLCN	Easton, Conn.-----	WICC	Jerome, Idaho-----	KFXD
Boise, Idaho-----	KFAU	Eau Claire, Wis.-----	WTAQ	Jersey City, N. J.-----	WKBO, WAAT
Boone, Iowa-----	KFGQ	Edgewater, Colo.-----	KFXJ	Johnstown, Pa.-----	WHBP
Boston, Mass.-----	WBET, WBIS,	El Centre, Calif.-----	KGEN	Joliet, Ill.-----	WCLS, WKBB
WBZA, WEEL, WMES,		Elgin, Ill.-----	WTAS	Joplin, Mo.-----	WMBH
WNAC, WSSH.		Elizabeth, N. J.-----	WIBS	Juneau, Alaska-----	KFIU
Boundbrook, N. J.-----	WJZ	Elkins Park, Pa.-----	WIBG	Kalispell, Mont.-----	KGEZ
Breckenridge, Texas-----	KFYO	El Paso, Texas-----	WDAH	Kansas City, Mo.-----	KWKC,
Brookings, S. Dak.-----	KFDY, KGCR	Endicott, N. Y.-----	WNBE	WDAF, WLBF, WHB, WOQ.	
Brooklyn, N. Y.-----	WSGH, WSDA	Engleside, N. J.-----	WHPP	Kearney, N. J.-----	WLWL
WBBC, WLTH, WMBQ.		Erie, Pa.-----	WEDH, WRAK	Kellogg, Idaho-----	KPEY
Brookville, Ind.-----	WKBY	Eugene, Oreg.-----	KORE	Kenmore, N. Y.-----	WKEN
Brownsville, Texas-----	KWWG	Evanston, Ill.-----	WEHS	Kenosha, Wis.-----	WCLO
Buffalo, N. Y.-----	WEER, WGR,	Evansville, Ind.-----	WGBF	Ketchikan, Alaska-----	KGBU
WKBW, WKEN, WSVS.		Everett, Wash.-----	KFBL	Kingston, Pa.-----	WABF
Burbank, Calif.-----	KELW	Fall River, Mass.-----	WSAR	Kirkwood, Mo.-----	KPKZ
Burlington, Vt.-----	WCAX	Fargo, N. Dak.-----	WDAY	Kirkwood, Mo.-----	KMOX
Cambridge, Ohio-----	WEBE	Farmingdale, N. Y.-----	WLBH	Knoxville, Tenn.-----	WFBC, WNB, J,
Camden, N. J.-----	WCAM	Fayetteville, Ark.-----	KUOA	WNOX.	
Canton, N. Y.-----	WCAD	Flagstaff, Ariz.-----	KEXY	Kokomo, Ind.-----	WJAK
Canton, Ohio-----	WHBC	Flint, Mich.-----	WFDF	Lacey, Wash.-----	KGY
Cape Girardeau, Mo.-----	KFVS	Fond du Lac, Wis.-----	KFIZ	Laconia, N. H.-----	WKAV
Carbondale, Pa.-----	WNBW	Fort Dodge, Iowa-----	KFJY	La Crosse, Wis.-----	WKBH
Carlstadt, N. J.-----	WHAP	Fort Morgan, Colo.-----	KGEW	Lafayette, Ind.-----	WBAA
Carthage, Ill.-----	WCAZ	Fort Wayne, Ind.-----	WOWO, WCWK	Lakeland, Fla.-----	WMBL
Casnovia, N. Y.-----	WMAC	Fort Worth, Texas-----	KFQB	Lancaster, Pa.-----	WGAL, WKJC
Cedar Grove, La.-----	KGGH	KFJZ, WBAP.		Lansing, Mich.-----	WKAR
Cedar Rapids, Iowa-----	KWCR	Frankford, Pa.-----	WFKD	La Porte, Ind.-----	WRAF
Central City, Nebr.-----	KGES	Freeport, N. Y.-----	WGBB	Lapeer, Mich.-----	WMPC
Charleston, S. C.-----	WBBY	Fresno, Calif.-----	KMJ	Laramie, Wyo.-----	KFBU
Charleston, W. Va.-----	WOBU	Fridley, Minn.-----	WRHM	La Salle, Ill.-----	WJBC
Charlotte, N. C.-----	WBT	Furnwood, Mich.-----	WOOD	Lawrence, Kans.-----	KFKU, WREN
Chattanooga, Tenn.-----	WDOD	Gadsden, Ala.-----	WJBY	Lawrenceburg, Tenn.-----	WOAN
Chelsea, Mass.-----	WLOE	Gainesville, Fla.-----	WRUF	Lemoyne, Pa.-----	WMBS
Chicago, Ill.-----	KPKX, KYW,	Galesburg, Ill.-----	WKBS, WLBO	Lewisburg, Pa.-----	WJBU
WAAF, WBBM, WBCN,		Galveston, Texas-----	KFLX, KFUL	Lexington, Mass.-----	WLEX
WCFE, WCRW, WEBH,		Gary, Ind.-----	WJKS	Lincoln, Nebr.-----	KFAB, WCAJ,
WEDC, WENR, WGES, WGN,		Gastonia, N. C.-----	WRBU	KFOR.	
WHFC, WHT, WJBT, WKBI,		Georgetown, Texas-----	KGKL	Littlerock, Ark.-----	KLRA, KGHI,
WLIB, WLS, WMAQ, WMBI,		Glendale, Calif.-----	KGFH	KGJF.	
WPCC, WSBC.		Glenview, Ill.-----	WBBM	Lockport, N. Y.-----	WMAK
Chickasha, Okla.-----	KOCW	Gloucester, Mass.-----	WEPS	Long Beach, Calif.-----	KFON, KGER
Cincinnati, Ohio-----	WAAD, WFBE,	Goldthwaite, Texas-----	KGKB	Longbeach, N. Y.-----	WCLB
WSAI, WKRC, WLW.		Grand Forks, N. Dak.-----	KFJM	Long Island City, N. Y.-----	WLBX
Clarinda, Iowa-----	KSO	Grand Island, Nebr.-----	KGBO	Longview, Wash.-----	KUJ
Clarksburg, W. Va.-----	WQBZ	Grand Rapids, Mich.-----	WASH	Los Angeles, Calif.-----	KFI, KGFJ,
Clay Center, Nebr.-----	KMMJ	Greeley, Colo.-----	KFKA	KFSG, KGFJ, KHJ, KPLA,	
Clearwater, Fla.-----	WSUN, WFLA			KTBI.	

Louisville, Ky.-----WHAS, WLAP
 Ludington, Mich.-----WKBB
 Macon, Ga.-----WMAZ
 Madison, Wis.-----WHA, WIBA
 Manchester, N. H.-----WRBH
 Mandan, N. Dak.-----KVCU
 Manhattan, Kans.-----KSAC
 Manitowoc, Wis.-----WOMT
 Mansfield, Ohio.-----WLBV
 Marshalltown, Iowa.-----KFJB
 Mason, Ohio.-----WSAI
 McGehee, Ark.-----KGGH
 Medford, Oreg.-----KMED
 Memphis, Tenn.-----WGBC, WHBQ,
 WMBM, WMC, WNBK
 Miami, Fla.-----WMBF, WIOD,
 WQAM
 Middletown, Ohio.-----WSRO
 Milford, Kans.-----KFKB
 Milwaukee, Wis.-----WHAD, WTMJ,
 WISN
 Minneapolis, Minn.-----WDGY,
 WHDI, WLB, WGMS, WCCO
 Missoula, Mont.-----KGGH, KUOM
 Montgomery, Ala.-----WIBZ
 Mooseheart, Ill.-----WJJD
 Mt. Prospect, Ill.-----WJAZ
 Mt. Vernon Hills, Va.-----WTFE
 Muncie, Ind.-----WLBC
 Muscatine, Iowa.-----KTNT
 Nashville, Tenn.-----WBAW, WLAC,
 WSM
 Newark, N. J.-----WAAM, WGCP,
 WNJ, WOR
 New Bedford, Mass.-----WNBH
 New Haven, Conn.-----WDRG
 New Orleans, La.-----WABZ, WDSU,
 WJBO, WJBW, WKBT,
 WSMB, WWL
 Newport, R. I.-----WMBA
 Newport News, Va.-----WNEW
 New York, N. Y.-----WABC, WBNY,
 WEF, WGSB, WHAP, WHN,
 WHPP, WJZ, WKBB, WLWL,
 WMCA, WMSG, WNYC, WOV,
 WRNY
 Norfolk, Neb.-----WJAG
 Norfolk, Va.-----WBBW, WPOR,
 WTAR
 Norman Okla.-----WNAD
 Northfield, Minn.-----KFMX, WCAL
 Oakland, Calif.-----KFWM, KGO,
 KIS, KLX, KTAB
 Ogden, Utah.-----KFUR
 Oil City, Pa.-----WLBW
 Oklahoma City, Okla.-----KFJF
 KFXR, KGCB, KGGG, WKY
 Oldham, S. Dak.-----KGDY
 Omaha, Nebr.-----WAAW, WOW
 Ontario, Calif.-----KFWC
 Orlando, Fla.-----WDBO
 Ottumwa, Iowa.-----WIAS
 Pasadena, Calif.-----KPPC, KPSN
 Paterson, N. J.-----WODA
 Pawtucket, R. I.-----WFCI
 Peekskill, N. Y.-----WOKO
 Pensacola, Fla.-----WCOA
 Peoria, Ill.-----WMBD
 Petersburg, Va.-----WLBG
 Philadelphia, Pa.-----WABY, WCAU,
 WFAN, WFI, WBBW, WIAD,
 WIP, WLIT, WNAT, WOO,
 WPSW, WRAX
 Phoenix, Ariz.-----KFAD, KFCB
 Picher, Okla.-----KGGF
 Pierre, S. Dak.-----KGFY
 Pittsburgh, Pa.-----KDKA, KQV,
 WCAE, WJAS
 Pocatello, Idaho.-----KSEI
 Pontiac, Mich.-----WCX, WJR
 Portland, Maine.-----WCSE
 Portland, Oreg.-----KEX, KFEC,
 KFIF, KFJR, KGW, KOIN,
 KTBR, KWES, KWJJ, KXL
 Portsmouth, Va.-----WSEA
 Poyette, Wis.-----WIBU
 Prescott, Ariz.-----KPJM
 Providence, R. I.-----WEAN, WJAR
 Pueblo, Colo.-----KGGP, KGH, A,
 KGHF
 Pullman, Wash.-----KWSC
 Quincy, Ill.-----WTAD
 Racine, Wis.-----WRJN
 Raleigh, N. C.-----WPTF
 Rapid City, S. Dak.-----WCAT
 Raton, N. Mex.-----KGFJ

Ravenna, Nebr.-----KGFV
 Reading, Pa.-----WRAW
 Red Bank, N. J.-----WJBI
 Red Oak, Iowa.-----KICK
 Richmond, Tex.-----KGGH
 Richmond, Va.-----WBBL, WMBG,
 WRVA, WTAZ
 Richmond Hill, N. Y.-----WABC,
 WBOQ
 Roanoke, Va.-----WDBJ, WRBX
 Rochester, N. Y.-----WABO, WHAM,
 WHEC, WNBQ
 Rockford, Ill.-----KFLV
 Rock Island, Ill.-----WHBF
 Rossville, N. Y.-----WBBR
 Royal Oak, Mich.-----WAGM
 Sacramento, Calif.-----KFBK
 Salisbury, Md.-----WBBS
 Salt Lake City, Utah.-----KDYL,
 KSL
 San Angelo, Texas.-----KGFJ
 San Antonio, Texas.-----KGCJ,
 KGDR, KGRC, KTAP, KTS, A,
 WOAI
 San Diego, Calif.-----KGB, KFSD
 San Francisco, Calif.-----KFRC,
 KFWI, KGTT, KJBS, KPO,
 KYA
 San Jose, Calif.-----KQW
 San Juan, P. R.-----WKAQ
 Santa Ana, Calif.-----KWTC
 Santa Barbara, Calif.-----KFCR
 Santa Maria, Calif.-----KSMR
 Santa Monica, Calif.-----KNBC
 Saranac Lake, N. Y.-----WNBZ
 Sarasota, Fla.-----WJBB
 Schenectady, N. Y.-----WGY
 Scranton, Pa.-----WQAN, WGBI
 Seattle, Wash.-----KFOA, KFQW,
 KJR, KKP, KOMO, KPCB,
 KPQ, KRSC, KPW, KUJ,
 KVL, KXA
 Secaucus, N. J.-----WV
 Sheboygan, Wis.-----WHBL
 Shenandoah, Iowa.-----KFNF, KMA,
 Shreveport, La.-----KFDX, KRMD,
 KSBA, KWEA, KWKH
 Sioux City, Iowa.-----KFMR, KSCJ
 Sioux Falls, S. Dak.-----KSOO
 South Bend, Ind.-----WSBT
 Spokane, Wash.-----KHQ, KPFO,
 KFPY, KGA
 Springfield, Ill.-----WCBS
 Springfield, Mass.-----WBZ
 Springfield, Ohio.-----WCSE
 Springfield, Tenn.-----WSIX
 Springfield, Vt.-----WNBX
 St. Joseph, Mo.-----KFEO, KGBX
 St. Louis, Mo.-----KFQA, KFQO,
 KFWF, KMOX, KSD, KWK,
 WEW, WIL, WMAX
 St. Paul, Minn.-----KSTP
 State College, N. Mex.-----KOB
 State College, Pa.-----WPSC
 Steubenville, Ohio.-----WIBR
 Stevens Point, Wis.-----WLBL
 Stockton, Calif.-----KGD, KWG
 Storrs, Conn.-----WCAC
 Stretator, Ill.-----WTAX
 Sulphur Springs, Ark.-----KFPW
 Superior, Wis.-----WBC
 Syracuse, N. Y.-----WFBL, WSYR
 Tacoma, Wash.-----KMO, KVI
 Tampa, Fla.-----WDAE, WMBR
 Terre Haute, Ind.-----WBOW
 Tifton, Ga.-----WRBI
 Tilton, N. H.-----WBRL
 Toccoa, Ga.-----WTFI
 Toledo, Ohio.-----WSPD
 Topeka, Kans.-----WIBW
 Trenton, N. J.-----WOAX
 Troy, N. Y.-----WHAZ
 Tucson, Ariz.-----KGA
 Tulsa, Okla.-----KVOO
 Tuscola, Ill.-----WDZ
 Union City, N. J.-----WMBS
 Union City, Tenn.-----WOBT
 Urbana, Ill.-----WRM
 Utica, Miss.-----WQBC
 Utica, N. Y.-----WIBX
 Valparaiso, Ind.-----WRBC
 Vermillion, S. Dak.-----KUSD
 Vida, Mont.-----KGCX
 Waco, Texas.-----WJAD
 Washington, D. C.-----WMAL, WRC,
 WRHF

Washington, Pa.-----WNBO
 Waterloo, Iowa.-----WJAM
 Wayne, Nebr.-----KGCH
 Webster, Mass.-----WKBE
 Weirton, W. Va.-----WQBZ
 Wellesley Hill, Mass.-----WBSO
 Westcott, Minn.-----KSTP
 West de Pere, Wis.-----WHBY
 Wheeling, W. Va.-----WVVA
 White Haven, Tenn.-----WREC
 Wichita, Kans.-----KFH
 Wichita Falls, Tex.-----KGKO
 Wilkes-Barre, Pa.-----WBAX, WBRE
 Willow Grove, Pa.-----WALK
 Wilmington, Del.-----WDEL
 Wilmington, N. C.-----WRBT
 Woodside, N. Y.-----WRRL
 Woodhaven, N. Y.-----WEVD
 Worcester, Mass.-----WTAG
 Yankton, S. Dak.-----WNAX
 York, Nebr.-----KGBZ
 Youngstown, Ohio.-----WKBN,
 WMBW
 Ypsilanti, Mich.-----WJBK
 Yuma, Colo.-----KGEK
 Zion, Ill.-----WCB

Canadian Cities

Bowmanville, Ont.-----CKGU
 Brantford, Ont.-----CFYC
 Burnaby, B. C.-----CFYC
 Calgary, Alta.-----CFAC-CNRC,
 CFNC-CNRC, CJCJ-CHCA
 Charlottetown, P. E. I.-----CFCY
 Chilliwack, B. C.-----CHWK
 Cobalt, Ont.-----CKMC
 Edmonton, Alta.-----CHCY-CNRC,
 CHMA, CJCA, CKUA
 Fredericton, N. B.-----CFNB
 Halifax, N. S.-----CHNS
 Hamilton, Ont.-----CHML, CHCS,
 CHOC
 Iroquois Falls, Ont.-----CFCH
 Kamloops, B. C.-----CFJC
 King, York Co., Ont.-----CFRB
 Kingston, Ont.-----CFMC, CFRC
 London, Ont.-----CJGO
 Midland, Ont.-----CKPR
 Mission City, B. C.-----CJCU
 Moncton, N. B.-----CNRA
 Montreal, P. Q.-----CFCF-CNRC,
 CHYC, CKAC-CNRC
 Moose Jaw, Sask.-----CJRM
 Ottawa, Ont.-----CKCO, CNRO
 Prescott, Ont.-----CFLC
 Preston.-----CKPC
 Quebec, P. Q.-----CHRC, CKCI,
 CKCV-CNRC
 Red Deer, Alta.-----CKLC
 Regina, Sask.-----CKLC-CHCT,
 CJCR, CHWO, CKCK-CNRR-
 CJBR
 St. George.-----CKCR
 St. Hyacinthe, P. Q.-----CKSH
 Saskatoon, Sask.-----CFQC-CNRS,
 CHUC, CJWC
 Scarborough Ont.-----CJYC-CKCX,
 CKOW
 Sea Island, B. C.-----CJOR
 Summerside, P. E. I.-----CHGS
 Toronto, Ont.-----CFCA-CKSM,
 CNRT, CHIC-CHNC, CKNC,
 CKCL-CJSC, CKNC
 Unity, Sask.-----CHSC
 Vancouver, B. C.-----CFQC, CKCD-
 CHPC, CKFC, CKWX, CNRV
 Victoria, B. C.-----CFCT
 Winnipeg, Man.-----CKY
 Yorktown, Sask.-----CJGX

Cuban Cities

Cienfuegos -----6BY
 Elia -----7SR
 Habana -----PWX, 2OK, 2OL
 Tuinucu -----6KW

Mexican Cities

Chihuahua -----CZF
 Mazatlan -----CYR
 Mexico City -----CYA, CYB, CYH,
 CYJ, CYL, CYO, CYX, CZE
 Monterey -----CYH
 Oaxaca -----CYF
 Pueblo -----CYU
 Tampico -----CYQ

WILL YOU BE OUR EDITOR?

We are anxious to make STEVENSON'S RADIO BULLETIN the biggest and the best in the way of a radio magazine. But to do that we must find out what our readers want. Will you let us have your suggestions?

Will you help us by telling us what you think should go into the magazine? What particular features appeal to you most of all?

It would make us very happy if you would fill out the questionnaire below and return it to us. Please read the special announcement on Page One before answering the questions.

OPERATION OF YOUR SET

- Do you use your radio set for reception of other than local programs?.....
- Do you find the new arrangement of the log, concentrating all essential information in one place, more convenient than the old arrangement?.....
- Have you learned from the instruction on page two how to calibrate or key-up your set so that you can immediately locate any station in your range?.....
- Have you ever shown your friends how to calibrate their sets?.....
- Have you ever shown your friends how you use Stevenson's Bulletin?.....

NEW FEATURES

- Would you be interested in articles on the subject of Federal Regulation of Radio?.....
- Would you like to have articles telling how radio broadcasting programs are planned, assembled and rehearsed before broadcasting?.....
- Would you like to have photographs and good stories of what happens in the studio when a particularly important chain broadcasting program is taking place?.....
- Would you like to have illustrated stories of the tense moments and about the men at the controls and switches when twenty or more broadcasting stations form a national hook-up for a big event?.....
- Would you like to have interesting stories and pictures of famous broadcasting artists and announcers, telling who they are, where they came from, how they "arrived" in radio?.....
- Would you like to know what great plans are being made for your greater enjoyment and entertainment by leaders of the radio industry?.....

Other Suggestions:.....
.....
.....
.....
.....

STEVENSON'S RADIO BULLETIN
1220 H Street, N. W. Washington, D. C.



He Forgot

All About It!

THAT painful look of consternation on the face of the gentleman to the left . . . there's a reason for it! He just remembered that the big football game of the season will be broadcast this afternoon . . . that the Gumps are coming over for dinner . . . and that Mary, his daughter, is having some boys and girls in for dancing later on. All of which means that the Radio will be working overtime this evening.

And **JUST NOW** it flashed across his mind that he had forgotten to get a new copy of **STEVENSON'S RADIO BULLETIN**. Wait until you see his expression when he tries to figure out how he can bring in the broadcasting stations he will want without those embarrassing delays, screeching of static, and what have you, that always occur when one is "fishing" blindly for stations.

Stevenson's Radio Bulletin is the Telephone Directory of Radio Broadcasting. Just select the station you want, look up the dial numbers, tune in, and sit back and enjoy yourself. Stevenson's contains up to date, complete listing of all stations by call letters, location, wave lengths, kilocycles, power, etc., and brief, clear instructions for "calibrating" your set so that you can instantly bring in any station within the range of your set, whether or not you have ever heard or logged it before!



Double Your Radio Enjoyment With Stevenson's

Don't miss the host of good things on the air. Provide now for a new up-to-date list of all stations in a compact usable form, the latest Chain Program Guide, the latest news on every phase of radio. An excellent gift for your Friends . . . Gift card enclosed with first issue!

STEVENSON'S RADIO BULLETIN,
1220-1222 H Street, N. W.,
Washington, D. C.
Enclosed find

- \$1.00 for one year (four issues).
 \$1.50 for two years (eight issues), for which please send Stevenson's Radio Bulletin to:

Name

Street Address

City and State

Alphabetical List of American Stations

An arrangement of stations, alphabetically, according to call letters, with the frequency of the station; the owner, location and power can be ascertained by referring to the BROADCASTING LOG, where the station can be found under the wave length or frequency herein designated:

Call Signal	Fre- quency										
KDKA	980	KFSG	1120	KGGH	1310	KPQ	1210	WABC	860	WCGU	1400
KDLR	1210	KFUL	1290	KGGM	1370	KPRC	920	WABF	1440	WCLB	1500
KDYL	1290	KFUM	1270	KGHB	1320	KPSN	950	WABI	1200	WCLO	1200
KEJK	1250	KFUO	550	KGHD	1420	KQV	1380	WABO	1440	WCLS	1310
KELW	780	KFUP	1500	KGHF	1320	KQW	1010	WABY	1310	WCMA	1400
KEX	1180	KFUR	1370	KGHG	1310	KRE	1370	WABZ	1200	WCOA	1120
KFAB	770	KFVD	700	KGHI	1500	KRGV	1260	WADC	1320	WCOC	880
KFAD	620	KFVS	1210	KGHL	950	KRLD	1040	WAFD	1500	WCOH	1210
KFAU	1250	KFWB	950	KGHX	1500	KRMD	1310	WAGM	1310	WCRW	1210
KFBB	1360	KFWC	1200	KGIO	1320	KRSC	1120	WAIU	640	WCSH	940
KFBK	1310	KFWF	1200	KGIQ	1320	KSAC	580	WALK	1500	WCSO	1380
KFBL	1500	KFWI	930	KGIR	1360	KSBA	1450	WAPI	1140	WCWK	1230
KFBU	600	KFWM	930	KGJF	890	KSCJ	1330	WASH	1270	WCX	750
KFCB	1310	KFWO	1500	KGKB	1500	KSD	550	WBAA	1400	WDAE	620
KFCR	1500	KFXD	1420	KGKL	1370	KSEI	900	WBAK	1120	WDAF	610
KFDM	560	KFXF	940	KGKO	570	KSL	1130	WBAL	1060	WDAG	1410
KFDX	1210	KFXJ	1500	KGO	790	KSMR	1200	WBAO	1120	WDAH	1310
KFDY	550	KFXR	1310	KGRC	1310	KSO	1380	WBAP	800	WDAY	1280
KFEC	1370	KFXY	1420	KGRS	1410	KSOO	1110	WBAW	1490	WDBJ	930
KFEL	940	KFYO	1500	KGTT	1420	KSTP	1460	WBAX	1210	WDEO	620
KFEQ	560	KFYR	550	KGU	940	KTAB	1280	WBBC	1400	WDEL	1410
KFEY	1210	KGA	1470	KGW	620	KTAP	1210	WBBL	1370	WDGY	1410
KFGQ	1310	KGAR	1370	KGY	1440	KTBI	1300	WBBM	770	WDOD	1280
KFH	1300	KGB	1360	KHJ	900	KTBR	1300	WBBR	1300	WDRG	1330
KFHA	1200	KGBU	900	KHQ	590	KTHS	800	WBBW	1200	WDSU	1270
KFI	640	KGBX	1370	KICK	1420	KTNT	1170	WBBY	1200	WDWF	1210
KFIF	1420	KGBY	930	KJBS	1100	KTSA	1290	WBBZ	1200	WDZ	1070
KFIO	1230	KGBZ	930	KJR	970	KTUE	1370	WBET	1360	WEAF	660
KFIZ	1420	KGCA	1270	KKP	1420	KTW	1270	WBIS	1230	WEAN	1160
KFIU	1310	KGCB	1210	KLCN	1290	KUJ	1500	WBMH	1310	WEAO	550
KFJB	1200	KGCH	930	KLDS	950	KUOA	1390	WBMS	1450	WEAR	1070
KFJF	1470	KGCI	1370	KLRA	1390	KUOM	570	WBNY	1350	WEBC	1280
KFJI	1370	KGCN	1420	KLS	1440	KUSD	890	WBOQ	860	WEBE	1210
KFJM	550	KGCR	1210	KLX	1270	KUT	1120	WBOW	1310	WEBQ	1210
KFJR	1300	KGCU	1200	KLZ	880	KVI	1340	WBRC	930	WEBR	1310
KFJY	1310	KGCX	1420	KMA	930	KVL	1500	WBRE	1310	WEBW	600
KFJZ	1370	KGDA	1370	KMBC	950	KVOO	1140	WBRL	1430	WEDC	1210
KFKA	880	KGDE	1200	KMED	1420	KVOS	570	WBSO	780	WEDH	1420
KFKB	1130	KGDM	1150	KMIC	1120	KWBS	1500	WBT	1080	WEEI	590
KFKU	1220	KGDP	1210	KMJ	1200	KWCR	1310	WBZ	990	WEHS	1310
KFKX	1020	KGDR	1500	KMMJ	740	KWEA	1210	WBZA	990	WEMC	680
KFKZ	1200	KGDW	930	KMO	1340	KWG	1200	WCAC	1330	WENR	870
KFLV	1410	KGDY	1200	KMOX	1090	KWJ	1060	WCAD	1220	WEPS	1200
KFLX	1210	KGEF	1300	KMTR	570	KWK	1350	WCAE	1220	WEVD	1300
KFMX	1250	KGEK	1200	KNRC	780	KWKC	1370	WCAH	1430	WEW	760
KFNF	890	KGEN	1200	KNX	1050	KWKH	850	WCAJ	590	WFAA	1040
KFOA	1270	KGEO	930	KOA	830	KWLC	1270	WCAL	1250	WFAN	610
KFON	1250	KGER	1370	KOAC	560	KWSC	1390	WCAM	1280	WFBC	1200
KFOR	1210	KGES	930	KOB	1180	KWTC	1500	WCAO	600	WFBE	1200
KFPL	1310	KGEW	1200	KOCW	1420	KWWG	1260	WCAP	1280	WFBG	1310
KFPM	1310	KGEZ	1310	KOIL	1260	KXA	570	WCAT	1200	WFBJ	1370
KFPW	1340	KGFF	1420	KOIN	940	KXL	1250	WCAU	1170	WFBL	900
KFPY	1390	KGFG	1370	KOMO	920	KXRO	1420	WCAX	1200	WFBM	1230
KFQB	1240	KGFH	1000	KORE	1420	KYA	1230	WCAZ	1070	WFBR	1120
KFQD	1230	KGFI	1310	KOW	1390	KYW	1020	WCBA	1500	WFBI	1210
KFQU	1420	KGFJ	1420	KPCB	1210	KZM	1370	WCBD	1080	WFDI	1310
KFQW	1420	KGFK	1200	KPJM	1500	WAAD	1420	WCBM	1370	WFI	560
KFQZ	850	KGFL	1370	KPLA	570	WAAF	920	WCBS	1210	WFIW	940
KFRZ	610	KGFW	1420	KPO	680	WAAM	1250	WCCO	810	WFJC	1450
KFRU	630	KGFX	580	KPOF	880	WAAT	1070	WCDA	1350	WFKD	1310
KFSD	600	KGGF	1010	KPPC	1200	WAAW	660	WCFL	970	WFLA	900

~~WJZY~~ 1462 ~~WMMN~~ 890

Call Signal	Frequency										
WGAL	1310	WJAY	1450	WMAL	630	WPCH	810	WTAM	1070	CKCL	580
WGBB	1210	WJAZ	1480	WMAN	1210	WPG	1100	WTAQ	1330	CKCO	690
WGBC	1430	WJBB	1010	WMAQ	670	WPOR	780	WTAR	780	CKCR	1010
WGBF	630	WJBC	1200	WMAY	1200	WPRC	1200	WTAS	720	CKCV	880
WGBI	880	WJBI	1210	WMAZ	890	WPSA	1230	WTAW	1120	CKFC	730
WGBS	1180	WJBL	1370	WMBA	1500	WPSW	1500	WTAX	1210	CKGW	960
WGCM	1210	WJBL	1200	WMBC	1420	WPTF	680	WTAZ	1210	CKLC	840
WGCP	1250	WJBO	1370	WMBD	1440	WQAM	1240	WTFF	1460	CKMC	1210
WGES	1360	WJBT	770	WMBF	560	WQAN	880	WTFI	1450	CKMO	730
WGHP	1240	WJBU	1210	WMBG	1210	WQAO	1010	WTHS	1310	CKNC	580
WGMS	1230	WJBW	1200	WMBH	1420	WQBC	1360	WTIC	600	CKOC	880
WGN	720	WJBY	1210	WMBI	1080	WQBJ	1200	WTMJ	620	CKOW	840
WGR	550	WJJD	830	WMBL	1310	WQBZ	1420	WWAE	1200	CKPC	1210
WGST	890	WJKS	1360	WMBM	1500	WRAF	1200	WWJ	920	CKPR	1120
WGY	790	WJR	750	WMBO	1370	WRAK	1370	WWL	850	CKSH	1010
WHA	570	WJZ	760	WMBQ	1500	WRAW	1310	WWNC	570	CKUA	580
WHAD	900	WKAQ	580	WMBR	1210	WRAX	1440	WWRL	1500	CKWX	730
WHAM	1150	WKAR	1040	WMBS	1430	WRBC	1240	WWVA	1160	CKY	780
WHAP	1300	WKAV	1310	WMC	780	WRBI	1310	CFAC	690	CNRA	630
WHAS	820	WKBB	1310	WMCA	570	WRBJ	1500	CFBO	890	CNRC	690
WHAZ	1300	WKBC	1310	WMES	1500	WRBL	1200	CFCA	840	CNRE	580
WHB	950	WKBE	1200	WMPC	1310	WRBQ	1210	CFCF	730	CNRM	730
WHBC	1200	WKBF	1400	WMRJ	1420	WRBT	1370	CFCH	600	CNRO	690
WHBD	1370	WKBH	1380	WMSG	1350	WRBU	1210	CFCN	690	CNRQ	880
WHBF	1210	WKBI	1310	WNAC	1230	WRBW	1310	CFCO	1210	CNRR	960
WHBL	1410	WKBN	570	WNAD	1010	WRBX	930	CFCT	630	CNRS	910
WHBP	1310	WKBO	1450	WNAT	1310	WRC	950	CFCY	960	CNRT	840
WHBQ	1370	WKBP	1420	WNAX	570	WREC	600	CFJC	1120	CNRV	1030
WHBU	1210	WKBQ	1350	WNB	1500	WREN	1220	CFLC	1010	CNRW	780
WHBW	1500	WKBS	1310	WNBH	1450	WRHF	1270	CFMC	1120		
WHBY	1200	WKBT	1420	WNB	1310	WRHM	1250	CFNB	1210		
WHDI	1410	WKBV	1500	WNBO	1200	WRJN	1200	CFQC	910		
WHEC	1440	WKBW	1470	WNBQ	1500	WRK	1310	CFRB	960		
WHFC	1310	WKBZ	1500	WNBR	1430	WRM	570	CFRC	1120		
WHK	1390	WKEN	1040	WNBW	1200	WRNY	1010	CHCA	690		
WHN	1010	WKJC	1200	WNBX	1200	WRR	1190	CHCK	960		
WHO	1000	WKRC	550	WNBZ	1290	WRUF	1470	CHCS	880		
WHPP	1420	WKY	900	WNEW	1310	WRVA	1110	CHCT	840		
WHT	1480	WLAC	1490	WNJ	1450	WSAI	800	CHGS	1120		
WIAD	1310	WLAP	1200	WNOX	560	WSAJ	1310	CHLS	730		
WIAS	1420	WLB	1230	WNOX	1440	WSAN	1500	CHMA	580		
WIBA	1210	WLBC	1310	WNYC	570	WSAR	1450	CHML	880		
WIBG	930	WLBF	1420	WOAI	1190	WSAZ	580	CHNC	580		
WIBM	1370	WLBG	1200	WOAN	600	WSB	740	CHNS	930		
WIBO	570	WLBH	1420	WOAX	1280	WSBC	1210	CHNS	930		
WIBR	1420	WLBL	900	WOBT	1310	WSBT	1230	CHRC	880		
WIBS	1450	WLBO	1310	WOBU	580	WSDA	1400	CHWC	960		
WIBU	1310	WLBV	1210	WOC	1000	WSEA	780	CHWK	1210		
WIBW	1300	WLBW	1260	WOCL	1210	WSGH	1400	CHYC	730		
WIBX	1200	WLBX	1500	WODA	1250	WSIX	1210	CJBR	960		
WIBZ	1500	WLBZ	620	WOI	560	WSKC	1410	CJCA	580		
WICC	1430	WLCI	1210	WOKO	1440	WSM	650	CJCI	690		
WIL	1350	WLEX	1420	WOMT	1210	WSMB	1320	CJGC	910		
WINR	1210	WLIB	720	WOO	1500	WSMD	1310	CJGX	630		
WIOD	1240	WLIT	560	WOOD	1270	WSMK	570	CJHS	910		
WIP	610	WLOE	1500	WOQ	610	WSPD	1340	CJOC	1120		
WISN	1120	WLS	870	WOR	710	WSRO	1420	CJOR	1030		
WJAD	1240	WLSI	1370	WORD	1480	WSSH	1420	CJRM	1010		
WJAG	1060	WLTH	1400	WOS	630	WSUI	580	CJRW	1010		
WJAK	1310	WLW	700	WOV	1130	WSUN	900	CJSC	580		
WJAM	1200	WLWL	1100	WOW	590	WSVS	1370	CKAC	730		
WJAR	890	WMAC	1440	WOWO	1160	WSYR	570	CKCD	730		
WJAS	1290	WMAF	1360	WPAP	1010	WTAD	1440	CKCI	880		
WJAX	1260	WMAK	900	WPCC	570	WTAG	580	CKCK	960		

**Alphabetical
List of Cuban
Stations**

PWX	750
2OK	860
2OL	1090
6BY	1150
6JK	1090
6KW	880
7SR	860

**Alphabetical
List of Mex-
ican Stations**

CYA	1000
CYB	1090
CYF	1130
CYH	800
CYJ	750
CYL	750
CYO	700
CYQ	930
CYR	630
CYU	960
CYX	910
CYY	550
CZE	860
CZF	970

**Haitian
Station**

HHK	830
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CONVENIENCE AND PLEASURE! SURPRISES AND THRILLS!

The next issue of Stevenson's Radio Bulletin will be on the news stands January 1.
Don't miss it! Start the new year right!

Read what BIG money these fellows have made in the RADIO BUSINESS

\$375 One Month Spare Time



"Recently I made \$375 in one month in my spare time installing, servicing, selling Radio sets. And, not so long ago, I earned enough in one week to pay for my course."
EARLE CUMMINGS,
 18 Webster St., Haverhill, Mass.

\$1597 in Five Months



"The N. R. I. is the best Radio school in the U. S. A. I have made \$1597 in five months. I shall always tell my friends that I owe my success to you."
HENRY J. NICKS, Jr.,
 302 Safford Ave.,
 Tarpon Springs, Fla.

\$1164 Spare Time Profits



"Look at what I have made since I enrolled, \$1,164—money I would not have had otherwise. I am certainly glad I took up Radio with N. R. I. I am more than satisfied."
HENRY R. HEIKKINEN,
 123 W. Erie St., Chicago, Ill.

Over \$1000 in Four Months



"My opinion of the N. R. I. course is that it is the best to be had at any price. When I enrolled I didn't know a condenser from a transformer, but from December to April I made well over \$1000 and I only worked in the mornings."
AL JOHNSON,
 1409 Shelby St., Sandusky, Ohio.

I will show you too how to start a spare time or full time Radio Business of Your Own without capital



J.E. SMITH Pres.

Radio's amazing growth is making many big jobs. The world wide use of receiving sets and the lack of trained men to sell, install and service them has opened many splendid chances for spare time and full time businesses.

Ever so often a new business is started in this country. We have seen how the growth of the automobile industry, electricity and others made men rich. Now Radio is doing the same thing. Its growth has already made many men rich and will make more wealthy in the future. Surely you are not going to pass up this wonderful chance for success.

More Trained Radio Men Needed

A famous Radio expert says there are four good jobs for every man trained to hold them. Radio has grown so fast that it simply has not got the number of trained men it needs. Every year there are hundreds of fine jobs among its many branches such as broadcasting stations, Radio factories, jobbers, dealers, on board ship, commercial land stations, and many others. Many of the six to ten million receiving sets now in use are only 25% to 40% efficient. This has made your big chance for a spare time or full time business of your own selling, installing, repairing sets.

So Many Opportunities You Can Make Extra Money While Learning

Many of our students make \$10, \$20, \$30 a week extra while learning. I'll show you the plans and ideas that have proved successful for them—show you

I Will Train You At Home In Your Spare Time

I bring my training to you. Hold your job. Give me only part of your spare time. You don't have to be a college or high school graduate. Many of my graduates now making big money in Radio didn't even finish the grades. Boys 14, 15 years old and men up to 60 have finished my course successfully.

You Must Be Satisfied

I will give you a written agreement the day you enroll to refund your money if you are not satisfied with the lessons and instruction service when you complete the course. You are the only judge. The resources of the N. R. I. Pioneer and Largest Home-Study Radio school in the world stand back of this agreement.

Get My Book

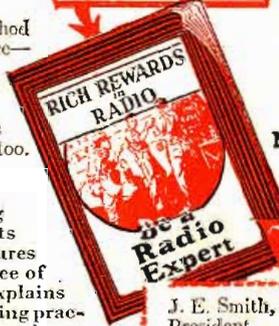
Find out what Radio offers you. My 64-page book, "Rich Rewards in Radio" points out the money making opportunities the growth of Radio has made for you. Clip the coupon. Send it to me. You won't be obligated in the least.

Address

J. E. Smith, Pres.
Dept. 33W

National Radio Institute
Washington, D. C.

This Book points out what Radio offers you. Get a copy!

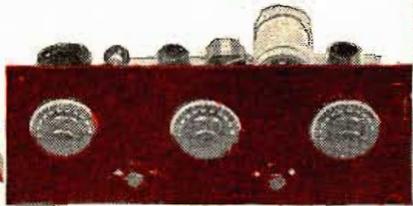
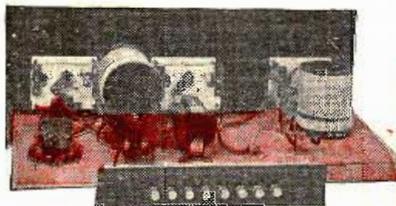
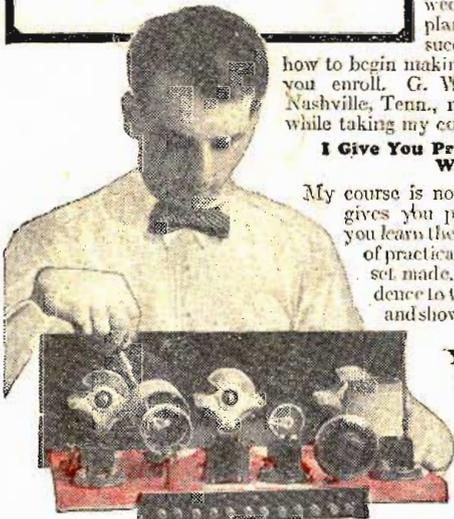


how to begin making extra money shortly after you enroll. G. W. Page, 1807-21st Ave., S., Nashville, Tenn., made \$935 in his spare time while taking my course.

I Give You Practical Radio Experience With My Course

My course is not just theory. My method gives you practical Radio experience—you learn the "how" and "why" of practically every type of Radio set made. This gives you confidence to tackle any Radio problems and shows up in your pay envelope too.

You can build 100 circuits with the Six Big Outfits of Radio parts I give you. The pictures here show only three of them. My book explains my method of giving practical training at home. **Get your copy!**



This coupon is good for a FREE copy of my Valuable Book. Mail it NOW!

J. E. Smith,
 President,
 Dept., 33W
 National Radio Institute, Washington, D. C.

Dear Mr. Smith: Send me your book. I want to know more about the opportunities in Radio and your practical method of teaching at home in spare time. This request does not obligate me to enroll and I understand no agent will call on me.

Name.....Age.....
 Address.....
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